

Annual Report & Annual Accounts 2014-15



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
JAIPUR - 302017

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Part - 1

ANNUAL REPORT

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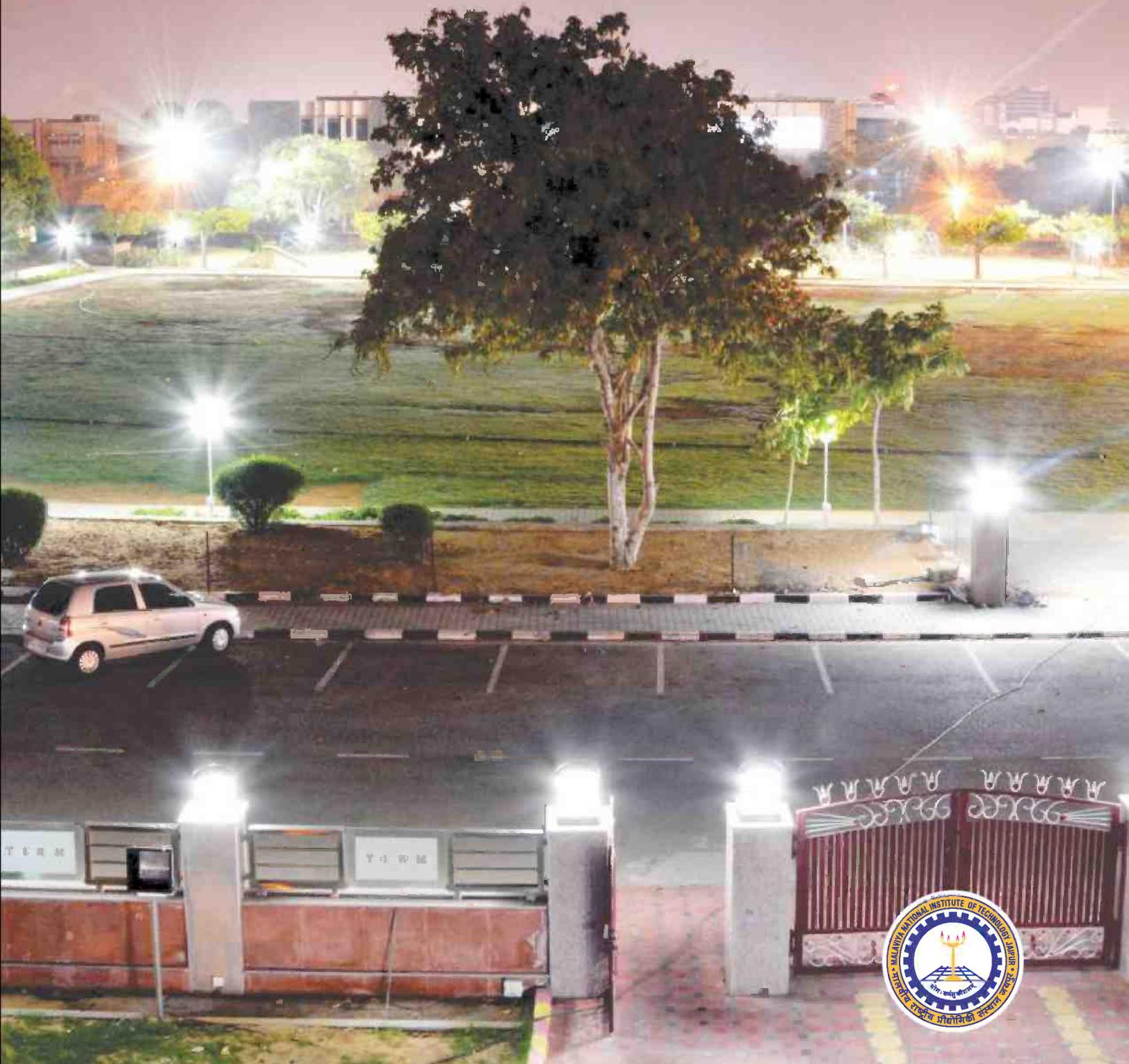
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REVIEW



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR

ANNUAL REPORT 2014-15

REVIEW

ACADEMIC PROGRAMMES

- (a) Undergraduate Programmes (Bachelor of Technology/Architecture)
Academic Programmes leading to B. Tech. /B. Arch. Degree are as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture & Planning (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Science & Engineering (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Mechanical Engg. (4 years)	93
8.	Metallurgical & Materials Engg. (4 years)	92
	Total	710

- (b) Postgraduate Programmes (Master of Technology/Science/Management)
Academic Programmes leading to M. Tech. /M. B.A. /M. Sc. Degree are as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M. Planning in Urban Planning	Architecture
2.	M.Tech. in Water Resource Engineering	Civil Engg.
3.	M. Tech. in Environmental Engineering	Civil Engg.
4.	M.Tech. in Transportation Engineering	Civil Engg.
5.	M.Tech. in Structural Engineering	Civil Engg.
6.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
7.	M.Tech. in Chemical Engineering	Chemical Engg.
8.	M. Tech. in Computer Engineering	Computer Engg.
9.	M.Tech. in Renewable Energy	Centre for Env. & Energy
10.	M. Tech. in Power Systems	Electrical Engg.
11.	M. Tech. in Electronics and Comm. Engg.	Electronics & Comm. Engg.
12.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
13.	M.Tech. in Wireless & Optical Communication	Electronics & Comm. Engg.
14.	M. Tech. in Embedded System	Electronics & Comm. Engg.
15.	M.Tech. in Industrial Engineering	Mechanical Engg.
16.	M. Tech. in Thermal Engineering	Mechanical Engg.
17.	M.Tech. in Production Engg.	Mechanical Engg.
18.	M. Tech. in Design Engg.	Mechanical Engg.
19.	M. Tech. in Metallurgical & Materials Engg.	Metallurgical & Materials Engg.
20.	M. Tech. in Steel Technology	Metallurgical & Materials Engg.
21.	M. Sc. in Applied Chemistry	Chemistry Dept.
22.	M. Sc. in Applied Mathematics	Mathematics Dept.
23.	M. Sc. in Applied Physics	Physics Dept.
24.	Master of Business Administration (MBA)	Management Studies Dept.

ADMISSION PROCEDURE

(a) Undergraduate Programmes

The admission are made through JEE-Main Examination conducted by CBSE and online counselling conducted by Central Seat Allocation Board(CSAB) on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through JEE-Main is pass final examination of 10+ 2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and M EA.

(b) Postgraduate Programmes

Admissions to M. Tech/M .Sc./MBA are made (i) for full time M.Tech through CCMT on the basis of GATE score conducted by IIT and (ii) for M.Sc./MBA/M.Tech sponsored full time or part time, through interview/test/GATE (depending on availability of seats). (iii) Admissions to full time and part time Ph.D. programmes are made through interview /tests conducted by individual Department.

BOARD OF GOVERNORS

The institute is managed by a board of governors which consists of

- (i) The Chairperson (appointed by Visitor)
- (ii) The Director, Ex officio
- (iii) Two persons not below the rank of Joint Secretary to the Government of India to be nominated by the central Government from amongst persons dealing with technical education and finance,
- (iv) Two persons to be nominated by the Government of the

state in which the institute is situated, from amongst persons who, in the opinion of that Government are technologists or Industrialists of repute,

- (v) Two persons, at least one of whom shall be a woman having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council; and
- (vi) One professor and one assistant professor or a lecturer of the institute to be nominated by the Senate.

Present composition of Board of Governors is given in Annexure 11.1

FINANCE COMMITTEE

The Committee is constituted by Board of Governors which consists of

- (i) The Chairperson Board of Governors, Ex- officio Chairperson
- (ii) The Director, Ex- officio Member
- (iii) Joint Secretary dealing with National Institutes of Technology or his nominee and Financial Advisor (Human Resource Development) or his nominee members;
- (iv) Two persons nominated by the Board from amongst its members; and
- (v) The Registrar, Ex-officio, Member Secretary

Present composition of Finance Committee is given in Annexure 11.2



BUILDING AND WORKS COMMITTEE

The Committee is constituted by Board of Governors which consists of

- (i) The Director, Ex-officio Chairman;
- (ii) One member nominated by the Central Government not below the rank of Director or Deputy Secretary;
- (iii) One member nominated by the Board of Governors
- (iv) Registrar, Ex-officio, Member Secretary
- (v) Dean Planning & Development or similar position Member and
- (vi) One expert each from Civil and Electrical Engineering Wing of Central or State Government or any autonomous body of repute - Member

Present composition of building and works committee is given in Annexure 11.2

SENATE

The Senate of every Institute shall consist of the following:-

- (i) The Director, ex officio, who shall be the Chairman of the Senate;
- (ii) The Deputy Director, ex officio;
- (iii) The Professors appointed or recognised as such by the Institute for the purpose of imparting instructions in the Institute;
- (iv) Three persons, one of whom shall be a woman, not being employees of the Institute, to be nominated by the Chairperson in consultation with the Director, from

amongst educationists of repute, one each from the field of science, engineering and humanities; and

- (v) Such other members of the staff as may be laid down in the Statutes.

Present composition of Senate is given in Annexure 11.2

STAFF

The details of teaching, administrative and other staff are given in chapter 3.1 and 3.2.

ACADEMIC DEPARTMENTS

The detailed information about the academic departments of the Institute including participation of faculty members in Seminars, Symposia, Workshops and summer/winter schools and organization of various academics activities by the faculty members are listed in chapter 11.6. Sponsored research projects/consultancy worth more than 2.76 Crores is currently under progress at the institute. The consultancy revenue generation have also increased in the Institute. The Institute is a part of Technical Education Quality Improvement Programme (TEQIP), Phase II.

The details regarding the research projects and consultancy projects are listed in chapter 11.3. The research output in the form of publication is journals/conference proceedings/books are given in chapter 11.9. A large number of M.Tech and Ph.D. students are carrying out research for their dissertation/Thesis work. The details of each candidate along with his area of research are given in chapter 11.7





New Administrative Section

EXAMINATION AND EVALUATION

Best Practices

Academic: A continuous process of evaluation in each semester is the highlight of the grading system. Each student is assessed on the basis of his/her performance in tutorials practical's class assignments, home assignments, term papers, seminars, quizzes, Midterm and End term examinations.

To ensure maximum transparency in the appraisal of the academic performance, the answer sheets of the mid- & End term examination are shown and discussed with the students.

Subject to fulfilling the minimum requirement for continuation a student is allowed to progress at an optimum pace, suited to his/her ability and convenience.

Each course has a number of credits and this number defines the weightage of this course. The performance of the student is measured in terms of the number of credits he/she has successfully completed. A minimum Grade Point Average is mandatory to be maintained for satisfactory process. A minimum number of credits and CGPA is mandatory to qualify for the degree.

A Course coordinator is designated for every course. He/she shoulders the full responsibilities for the conduct of the course, coordinating the work of other members of the faculty involved in the teaching and evaluation of the course. The student may approach the course coordinator for any matter related to the course.

Grading System :

The academic performance is graded on a ten-point scale. With the exception of Audit courses, the letter grade is awarded for each

course and is converted into Semester Grade Point Average and Cumulative Grade Point Average called the SGPA & the CGPA respectively.

Scholarships:

A number of scholarships are available to the students on merit or merit cum need basis. The scholarships are extended to the students of U.G., P.G. and Ph.D programmes of the institutes. Some of the prominent funding agencies for the assistantships are the MHRD, the AICTE, Ministry of Urban Development CSIR, SAIL, ONGC, Ministry of Social Justice, Ministry of Tribal Affairs NCPEDP, NTPC Ltd, Ministry of Minority Affairs, NCERT, and Boards of Higher Education of various states.

Many scholarships are sponsored by individuals. The details are given in annexure 11.11.

Training & Placement:

The Placement Cell has been active in arranging training and placement for students. This year a total of 160 companies visited the Campus and selected 748 (661 B.Tech, 87 M.Tech.) students. Highest and Average Packages offered by companies were Rs. 21.00 LPA, to 6 LPA .Five Students were given Pre Placement Offers (PPOs), and 2 Offers were given directly to two toppers of B.Tech. (Electronics Branch) Students. The details are given in annexure 11.12.

Library:

The Library underwent a massive renovation in the year 2011-12 and since then there has been a continuous augmentation in



access to books journals, e-journals, e-granthalayas. The academic departments are periodically requested to furnish their requirements and these are then processed & procured with streamlined system. Following recent developments have been taken place in the Central Library. Library Database on KOHA (Library Management Software), RFID System for Smart Circulation with Gate Antenna, Smart Card Technology. The details are given at 9.3

Hostels:

There are twelve hostels for the students of our Institute, Nine for boys three for girl students. The total capacity of hostels for male candidates is around 2500 and that for female candidates is around 650. Apart from accommodation for regular students, we have 60 well furnished guest rooms (40 for male candidates and 20 for female candidates) for research scholars, trainees of short term training programs, etc., visiting MNIT for short durations.

Date:
Place : Jaipur

The hostels are equipped with modern facilities like net connectivity through Wi-Fi/ LAN, automatic laundry facilities, solar geysers etc.; all hostels have manned security round the clock. All the hostel premises have large open areas with good landscaping and playgrounds.

The details are given in chapter 4.5.

Games & Sports:

The department has been active in promoting sports activities and their effort can be seen in the increased participation of students on a regular basis as well as in tournament and events.

Our students have won several prizes at tournaments held in other institutes/ states.

The Advani Memorial Basketball (AIAMBT) tournament has been revived and is being organized with great enthusiasm since the last 4 years.

(I.K. Bhat)
Director

INTRODUCTION



MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR

ANNUAL REPORT 2014-15

1. INTRODUCTION

1.1 VISION AND MISSION STATEMENT

VISION

To create a center for imparting technical education of international standards and conducting research at the cutting edge of technology to meet the current and future challenges of technological development.

MISSION

To create technical manpower for meeting the current and future demands of industry. To reorganize education and research in close interaction with industry with emphasis on the development of leadership qualities in the young men and women entering the portals of the Institute with sensitivity to social development and eye for opportunities for growth in the international perspective.

1.2 QUALITY POLICY

The MNIT shall strive to impart knowledge in such a manner as to achieve total satisfaction of students, parents, employers, and the society.

Institute Motto

Excellence can be achieved only through perseverance and hard work.

1.3 EDUCATION SYSTEM

The Institute is centrally funded technical institute and awards its own degree. The semester scheme is followed for both undergraduate and postgraduate courses.

The academic performance of a student is graded on a ten-point scale; the letter grades awarded to a student in all the courses (except audit courses) are converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA) respectively. A system of feedback by the students about the instructor and the course is also in practice.

1.4 NEW INITIATIVES

Infrastructure Development

An ultra-modern Corporate Office and Computer Centre have been developed and a Digital Library is being developed, having a carpet area of 20,000 square meters, for the students and faculty members of the institute. The building houses the entire Administrative and Accounts Section, Establishment and Academic Staff office, Director's office, Deans' office, Registrar's office, Training & Placement office with banking and post office services. This also has state of the art computer labs, automated solutions of IT resources with single interface for administration for entire IT infrastructure.

The Vivekananda Lecture Complex construction has progressed at

a rapid pace and some rooms are expected to be commissioned this year. The complex has 34,360 square meters covered area and has been built at an expenditure of Rs 80 crores. The building is centrally air-conditioned with 43 theatres with a seating capacity of 120 people and 6 theatres with a seating capacity of 240 people. These classrooms will be smart classrooms and will be equipped with all needful systems. As a commitment towards green buildings, solar panels are being put up on almost all Institute buildings to generate electricity.

Two entire floors are being added to the Electronic and Communication Engineering Department building with a focus on developing sophisticated laboratories. The Institute has renovated and rehabilitated its old laboratories in most of the departments like Architecture, Physics, Chemistry, Computer Science engineering, Metallurgy, Mechanical, Chemical and Electrical engineering departments. Looking at the shortage of residences, new residential apartments called the Acharya Bhawan with 198 quarters are additionally being constructed to accommodate the faculty members on the campus.

Towards developing sports infrastructure for students and faculty, the Institute has developed three new synthetic tennis courts with flood lights which are of international standards and are made available from 26th January, 2015.

Data Centre and Language Lab was inaugurated by Prof. S. V. Raghavan, Scientific Secretary to the Government of India, on 19th September, 2014. The Centre has 510 high-end PCs including 120 graphics work stations placed in 10 computer laboratories which provide computational environment to all students, faculty and researchers. A Data Centre with Private Cloud using VMware Cloud Suite has also been established in the centre. MNIT private cloud is housing various services like LDAP, DNS; web applications like "mnit" and "nit council" portals; and various software license servers like MATLAB, Hyperworks, AutoCAD, Auto Desk, LMS, and Antivirus etc.



The Data Centre is also equipped with 60 TB of storage from EMC. The Data Centre Storage is being used for keeping video lecture of Virtual Class Room as well as e-content uploaded by various departments. E-mail archival; and various other softwares.

Centralized Admissions Organized by MNIT for NITS IIITS and Other CFTIS

During 2014, MNIT organized counseling for admissions based on JEE-2014, in undergraduate programs (CSAB-2014) for all NITs, IIITs, and other CFTIs. In this process, admissions were done for around 60 national level institutes across the country for different courses for which around 1.5 million students were aspirants. MNIT also helped 48 self-financed universities in filling their seats through the centralized admission process. At present, MNIT is preparing for common counseling for admissions in 2015 for NITs and IIITs and for admissions of foreign students (DASA) for all NITs.

In 2014, MNIT also conducted centralized counseling for PG programs (CCMT) in NITs and IIITs for the third consecutive year. MNIT was also entrusted with the responsibility of admissions for the supernumerary seats in AICTE approved institutes reserved for the students.

COMMUNITY SERVICE PROGRAMS

Unnat Bharat Scheme at MNIT Jaipur

As per the initiatives of MHRD to develop 100 villages as pilot project under Unnat Bharat Scheme, MNIT Jaipur is the only NIT with other IITs that has been given a mandate to develop 05 villages in the state of Rajasthan. MNIT identified the villages as Gram Dabh Ka Nalla, Gram Jirrotta, Gram Mahal, Gram Bhurthal and Gram Daddiya. A preliminary survey of all the villages has been done by a team of faculty members and students of the Institute. On the basis of the survey it was observed that all the villages face

problems related to drinking water, skill development, health, medical facilities, drainage, roads, shortage of toilets in houses, street lights etc. A DPR is being prepared to decide the course of action to mitigate all these issues and develop these villages as model villages.

University of Illinois LINC Programme

MNIT has always promoted research for the benefit of the society. The Institute is collaborating with University of Illinois, Urbana-Champaign Campus (UIUC) for joint implementation of "Learning in Community" (LINC) programme of UIUC. LINC is an interdisciplinary course in which students provide meaningful service to society through the conception, development, and implementation of projects in collaboration with non-profit organizations and community partners. The students from UIUC collaborated with Malaviya National Institute of Technology Jaipur and a variety of NGO community partners such as Healthcare Sansthan, Development Alternatives, and UNICEF under the LINC programme. Students communicated with partners in India to develop projects that help address social and environmental issues in and around Jaipur. Students from UIUC participated in an international service-learning trip to MNIT Jaipur during March 2015.

Alumni Association

MNIT hosted the Alumni Reunion Day on 27th December, 2014 at the Institute campus. This celebration, the first of its kind, congregated Alumni of all batches of all courses from across India and abroad into their Alma Mater. Around 800 alumni and their family members attended the function. A photography exhibition to commemorate the glorious past of the Institute was organized on this occasion at the Central Library. Rare and unique photographs of students of earlier batches and of the activities organized earlier in the Institute were displayed for all the visitors.

2. AN OVERVIEW

2.1 HISTORICAL BACKGROUND

Established in 1963 as a joint venture of the Government of India and the Government of Rajasthan, The Malaviya Regional Engineering College, Jaipur started functioning with 30 students each in Electrical Engg. and Mechanical Engg. The college shifted to the present campus in Jaipur in 1965. Spread over 125 Hectares of lush greenery, the campus of MNIT enthrals and inspires. Indeed, all the states and union territories of the country are represented in the undergraduate intake of the Institute (50% from Rajasthan & the 50% from all other states & union territories of India), thus making it a perfect example of the celebrated axiom, 'unity in diversity'.

The great educationist and visionary, Prof. V. G. Garde, as its first Principal, moulded its destiny, with his characteristic élan, into a renowned Institute. The effort to maintain the high standard and committed approach of the College to the cause of technical excellence was recognized by the Ministry for Human Resource Development and University Grants Commission, New Delhi which granted it the status of a National Institute of Technology and Deemed University on June 26, 2002. It is one of the 30 NIT's established in different states of the country. Through an Act of Parliament, it has been granted the status of a Centre of Excellence since 15th August 2007. Governed by the NIT Council, the Institute

has four statutory bodies, namely, the Board of Governors, the Finance Committee, the Building and Works Committee and the Senate. The Institute is fully funded by MHRD, the Government of India, New Delhi.

The Institute is under the administrative control of a Board of Governors. It is authorized by the parliament to award its own degrees.

There are fourteen departments and Six centres viz. Architecture, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Metallurgical and Materials Engineering, Physics, Chemistry, Mathematics Management departments, Humanities and Social Sciences and Centre for Energy and Environment. The Six centres are Centre of Excellence in design, Materials Research Centre (MRC), Centre for Development of Stones, Advanced Research Centre for Tribology, National Centre for Disaster Mitigation and Management and Data Centre.

The Institute offers eight undergraduate and 24 Postgraduate. The details of postgraduate programmes with their date of commencement are as under:



S. No.	Programme	Year of Commencement
1	Non Ferrous Metallurgy/Metallurgical & Materials Engg.	1971/2006
2	Water Resources Engg.	1985
3	Power Systems	1987
4	Environmental Engg.	1989
5	Electronics & Comm. Engg.	1992
6	Transportation Engg.	1996
7	CAD/Structural Engg.	1996/2006
8	MMS/M.B.A.	1996/2006
9	Manufacturing Systems / Industrial Engg.	1996/2013
10	Chemical Engineering	2006
11	VLSI Design	2006
12	M. Sc. Physics	2006
13	M. Sc. Chemistry	2006
14	M. Sc. Mathematics	2006
15	Energy Engineering/Thermal Engg.	2006/2013
16	Computer Engineering	2008
17	Urban Planning	2008
18	Disaster Management & Mitigation	2010
19	Production Engg.	2013
20	Steel Technology	2013
21	Design Engg.	2013
22	Renewable Energy	2013
23	Wireless and Optical Communication	2014
24	Embedded Systems	2014

The bedrock of any academic institution is the quality of its faculty and in this arena, MNIT is at the forefront. Our 181 full-time experienced faculties have a passion for teaching and an avowed commitment to R&D. The global perspective of the faculty makes the Institute a premier institute of learning in India. Majority of the faculty holds doctoral degrees. Quality teaching is what we aim at so as to stimulate intellectual curiosity, creativity and innovativeness. The Institute is actively engaged in research, consultancy and developmental activities and collaborates with leading industrial houses and IT companies under various projects.

The institute is a part of the World Bank supported Technical Education Quality Improvement Programme (TEQIP) phase II implemented by the National Project Implementation Unit (NPIU).

The performance of institute in phase I of the project has been creditable.

The Institute has residential facilities for boys as well as girls in its campus. The hostel facility to the maximum extent of accommodation available is also provided to the students of the Institute.

2.2 LOCATION

The Institute is based in Jaipur which is a lively and vibrant city. Situated in Northern India at a distance of around 260 km south of Delhi, Jaipur would have been a part of the Thar Desert, but for the Aravalli Hills that provide it with much needed security from one side. Jaipur offers a multitude of interesting places and attractions. Such as lush parks and places for recreation. There are several magnificent places and forts such as the City Place, Amber and Nahargarh. It is a city of fun, food and festivals. Vibrant colours, likely folk music and dance performances mark the celebrations of every religious occasion and every change of season. It is, indeed, the 'Pink City', a heady mix of tradition & modernity, vibrant with recreational, social as well as educational experiences for the students. It has all the facilities and entertainment a student needs; excellent shops, restaurants, clubs, sports facilities and a thriving cultural scene.

The Institute is located in Malaviya Nagar on Jawahar Lal Nehru Marg. The main Railway Station and Bus Stand are approximately 10 km from the Institute whereas the Airport is about 5 km away located at Sanganer. Frequent city transport and private transport services are available for the Institute from every point of the city.

2.3 CAMPUS

The Campus of the institute is spread over an area of 125 hectares. It presents a spectacle of harmony in modern architecture, natural beauty and picture. The campus area has been organized into three functional sectors:

- Hostels for Students
- Instructional Buildings
- Residential Sector for the Staff

The instructional buildings have been so located that these are fairly near to both the hostels and the staff quarters and are at a walking distance from both. There is a branch of ICICI Bank on the premises and a Post-office in the campus. A full-fledged dispensary is supervised by a team of Medical Officers and two Compounders. The Institute has also been extending facility of a Part-time Homeopathic doctor and Ayurvedic doctor in the campus. Adequately equipped Canteen buildings, one near the instructional zone and another near the hostels provide facilities to the students and the staff during and beyond the working hours of the Institute.

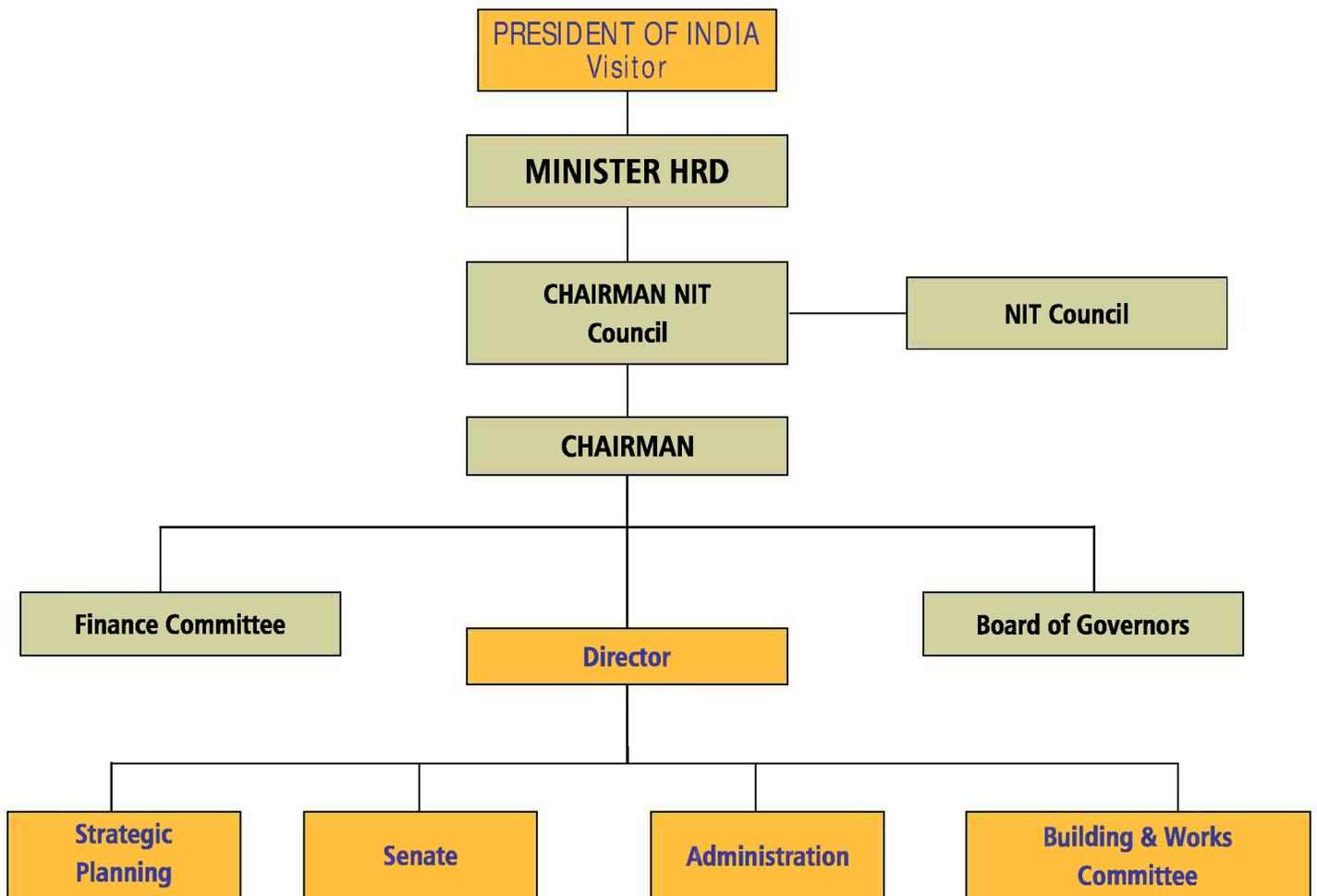
2.4 ADMINISTRATION

The Institute, being an autonomous Institution, is administered by Board of Governors, which consists of (i) Chairperson (appointed by Visitor) (ii) the Director, ex officio (iii) two persons not below the rank of Joint Secretary to the Government of India to be nominated by the central Government from amongst persons dealing with technical education and finance, (iv) two persons to be nominated by the Government of the state in which the institution is situated, from amongst persons who, in the opinion of that Government are technologists or Industrialists of repute, (v) two persons, at least one of whom shall be a woman having special knowledge or practical experience in respect of education, engineering or science to be nominated by the Council; and (vi) one professor and one assistant professor or a lecturer of the institute to be nominated by the Senate.

The students are given opportunity to administer their own affairs affecting the co-curricular residential and recreational activities through various committees, such as Institute Canteen Committee students' Aid and Welfare committee, Hostels and Mess committee etc.



ADMINISTRATIVE HIERARCHY OF MNIT, JAIPUR



2.5 ACADEMIC PROGRAMMES

Course offered

At present the Institute offers four-year UG courses leading to the B. Tech. degree and five years of Bachelor of Architecture degree. The PG courses of two years duration provide advance learning of the specialized area and thus prepare a human resource possessing advance knowledge in the field of engineering, Science and technology. The Institute also offers a full-time/part-time advance programme leading to the Ph.D. degree in the areas of Engineering/Technology/Management/Sciences/Humanities & Social Sciences.

- (a) Undergraduate Programmes (Bachelor of Technology/Architecture)
Academic Programmes leading to B. Tech. /B. Arch. Degree are as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture & Planning (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Science & Engineering (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Mechanical Engg. (4 years)	93
8.	Metallurgical & Materials Engg. (4 years)	92
	Total	710

- (b) Postgraduate Programmes (Master of Technology/Science/Management)
Academic Programmes leading to M. Tech. /M.B.A. /M.Sc. Degree are as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M. Planning in Urban Planning	Architecture
2.	M.Tech. in Water Resource Engineering	Civil Engg.
3.	M. Tech. in Environmental Engineering	Civil Engg.
4.	M.Tech. in Transportation Engineering	Civil Engg.
5.	M.Tech. in Structural Engineering	Civil Engg.
6.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
7.	M.Tech. in Chemical Engineering	Chemical Engg.
8.	M. Tech. in Computer Engineering	Computer Engg.
9.	M.Tech. in Renewable Energy	Centre for Env. & Energy
10.	M. Tech. in Power Systems	Electrical Engg.
11.	M. Tech. in Electronics and Comm. Engg.	Electronics & Comm. Engg.
12.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
13.	M.Tech. in Wireless & Optical Communication	Electronics & Comm. Engg.
14.	M. Tech. in Embedded System	Electronics & Comm. Engg.
15.	M.Tech. in Industrial Engineering	Mechanical Engg.
16.	M. Tech. in Energy Engineering	Mechanical Engg.
17.	M.Tech. in Production Engg.	Mechanical Engg.
18.	M. Tech. in Design Engg.	Mechanical Engg.
19.	M. Tech. in Metallurgical & Materials Engg.	Metallurgical & Materials Engg.

S. No.	Title of Course	Department Offering the Programmes
20.	M. Tech. in Steel Technology	Metallurgical & Materials Engg.
21.	M. Sc. in Applied Chemistry	Chemistry Dept.
22.	M. Sc. in Applied Mathematics	Mathematics Dept.
23.	M. Sc. in Applied Physics	Physics Dept.
24.	Master of Business Administration (MBA)	Management Studies Dept.

2.6 ADMISSION PROCEDURE

(a) Undergraduate Programmes

The admission are made through JEE-Main Examination conducted by CBSE and online counselling conducted by Central Seat Allocation Board(CSAB) on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through JEE-Main is pass final examination of 10+ 2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and MEA.

(b) Postgraduate Programmes

Admissions to M. Tech/M.Sc./MBA are made (i) for full time M.Tech through CCMT on the basis of GATE score conducted by IIT and (ii) for M.Sc./MBA/M.Tech sponsored full time or part time, through interview /test/GATE (depending on availability of seats). (iii)Admissions to full time and part time Ph.D. programmes are made through interview /tests conducted by individual Department.

2.7 STUDENTS INTAKE

(a) Undergraduate Programmes

The allocation of 710 seats for students from Rajasthan & other than Rajasthan states are as follows

Malaviya National Institute of Technology Jaipur											
	Degree	Branch	OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	Total
All India CAI	B.Arch.	Architecture & Planning	15	1	5	0	2	0	8	0	31
	B.Tech.	Civil Engg.	23	0	7	0	3	1	12	0	46
	B.Tech.	Chemical Engg.	23	0	6	1	4	0	12	0	46
	B.Tech.	Computer Science & Engg.	23	1	7	0	3	0	12	1	47
	B.Tech.	Electrical Engg.	22	1	7	0	4	0	13	0	47
	B.Tech.	Electronics & Communication Engg.	23	0	7	0	3	0	12	1	46
	B.Tech.	Mechanical Engg.	22	1	6	1	4	0	12	0	46
	B.Tech.	Metallurgical & Materials Engg.	22	1	7	0	3	0	13	0	46
		TOTAL (A)	173	5	52	2	26	1	94	2	355



Home State (HS)	B.Arch.	Architecture & Planning	15	0	4	0	2	1	9	0	31
	B.Tech.	Civil Engg.	22	1	7	0	3	0	12	1	46
	B.Tech.	Chemical Engg.	22	1	7	0	3	0	13	0	46
	B.Tech.	Computer Science & Engg.	22	1	7	0	4	0	12	0	46
	B.Tech.	Electrical Engg.	23	0	6	1	3	0	12	1	46
	B.Tech.	Electronics & Communication Engg.	23	1	7	0	4	0	12	0	47
	B.Tech.	Mechanical Engg.	23	0	7	0	3	1	13	1	47
	B.Tech.	Metallurgical & Materials Engg.	22	1	6	1	4	0	12	0	46
	TOTAL (B)		172	5	51	2	26	1	95	3	355
	GRAND TOTAL (A+B)		345	10	103	4	52	2	189	5	710

The allocation of 19 seats for students from Foreign Nationals through Indian Council for Cultural Relations (ICCR) & Ministry of External Affairs in UG programmes for the session 2014-15

Branch	MEA (Edu.Wel.)	ICCR	Total
Architecture & Planning	-	2	2
Civil Engg. (4 years)	1	5	6
Chemical Engg. (4 years)	-	1	1
Computer Science & Engg. (4 years)	-	-	-
Electrical Engg. (4 years)	-	4	4
Electronics & Communication Engg. (4 years)	1	1	2
Information Technology (4 years)	-	-	-
Mechanical Engg. (4 years)	1	3	4
Metallurgical & Materials Engg. (4 years)	-	-	-
TOTAL	3	16	19

The allocation of 55 seats for students from DASA Scheme in UG programmes in 2014-15

Branch/Duration	Approved Annual Intake
Architecture & Planning (5 years)	04
Civil Engg. (4 years)	07
Chemical Engg. (4 years)	03
Computer Science and Engg. (4 years)	10
Electrical Engg. (4 years)	07
Electronics & Communication Engg. (4 years)	11
Mechanical Engg. (4 years)	10
Metallurgical & Materials Engg. (4 years)	03
TOTAL	55

(b) Postgraduate Programmes
Statement showing the intake capacity (branch wise) for admission to Postgraduate programmes for the year 2014-15

S. No.	PROGRAMMES	General	OBC	SC	ST	OC-PWD	OB-PWD	SC-PWD	ST-PWD	Sponsored	Part Time	Intake
1.	Chemical Engineering	10	5	3	2	0	0	0	0	5	6	31
2.	Environmental Engg.	8	3	2	1	0	0	0	0	5	6	25
3.	Water Resources Engg.	8	3	2	1	1	0	0	0	5	6	26
4.	Structural Engg.	8	3	2	1	0	0	0	0	5	6	25
5.	Power Systems	10	5	3	2	0	0	0	1	5	6	32
6.	Transportation Engg.	8	3	2	1	0	0	0	0	5	6	25
7.	Industrial Engg.	10	5	3	2	0	0	1	0	5	6	32
8.	Metallurgical & Materials Engg.	10	5	3	2	1	0	0	0	5	6	32
9.	Electronics & Comm. Engg.	10	5	3	2	0	0	0	0	5	6	31
10.	VLSI Design	10	5	3	2	0	0	0	0	5	6	31
11.	Thermal Engineering	8	4	2	1	1	0	0	0	1	1	18
12.	Computer Engineering	10	5	3	2	0	0	0	0	5	6	31
13.	Disaster Assessment and Mitigation	8	3	2	1	0	0	0	0	5	6	25
14.	Renewable Energy	10	5	3	2	0	0	0	0	5	6	31
15.	Production Engg.	8	3	2	1	0	1	0	0	0	0	15
16.	Design Engg.	8	3	2	1	0	1	0	0	0	0	15
17.	Steel Technology	8	3	2	1	1	0	0	0	5	6	26
18.	Urban Planning	10	5	3	2	1	0	0	0	5	6	32
19.	Wireless & Optical Communication	10	5	3	2	0	1	0	0	0	0	21
20.	Embedded System	10	5	3	2	0	0	1	0	0	0	21
	Total	182	83	51	31	5	3	2	1	76	91	525

S.No.	PROGRAMMES	General	OBC	SC	ST	PWD	Intake
1.	M. Sc. Physics	16	8	5	2	1	32
2.	M. Sc. Chemistry	16	8	5	2	1	32
3.	M. Sc. Mathematics	16	8	5	2	1	32
	Total	48	24	15	6	3	96

S. No.	PROGRAMMES	General	OBC	SC	ST	Intake
1.	M.B.A.	31	17	9	5	62

Intake of Foreign Nationals under the DASA Scheme in PG programmes in 2014-15

S. No.	Programmes	Intake
1.	Chemical Engineering	2
2.	Computer Science & Engineering	2
3.	Electronics & Comm. Engg.	2
4.	Industrial Engg.	2
5.	Metallurgical & Materials Engg.	2
6.	Power Systems	2
7.	Structural Engg.	2
8.	Thermal Engineering	2
9.	Transportation Engg.	2
10.	VLSI Design	2
11.	M.B.A.	5
TOTAL		25

- (i) OBC 27% in every course
- (ii) Schedule Castes 15 % in every course
- (iii) Schedule Tribes 7.5% in every course
- (iv) Physical Handicapped 3 % in every course over & above the sanctioned strength

Duration of M. Tech. Programmes

Normal duration	Maximum duration
Full Time: 4 Semesters	6 Semesters
Part Time: 6 Semesters	10 Semesters

Duration of M. Sc. /MBA Programme

Normal duration	Maximum duration
Full Time: 4 Semesters	6 Semesters



2.8 EXAMINATION AND EVALUATION

Credits System

Education at the Institute is organized around the credit system of study. The prominent features of the credit system are process of continuous evaluation of a student's performance, and a flexibility to allow a student to progress at an optimum pace suited to his/her ability or convenience subject to fulfilling minimum requirement for continuation.

Each course has a certain number of credits, which describe its weightage. A student's performance is measured by the number of credits that he/she has completed satisfactorily. A minimum Grade Point Average is required to be maintained for satisfactory process. Also a minimum number of earned credits should be obtained in order to qualify for the degree.

Every course is co-ordinated by a member of the teaching staff of the department, which offers the course in a given semester. This faculty member is called the Course Co-ordinator. He has full responsibility for conducting the course, co-ordinating the work of the other members of the faculty involved in that course and for holding tests and assignments and awarding grades. For any difficulty a student is expected to approach the Course Co-ordinator for advice and clarification.

Grading System

The Grades are awarded as per the Table noted below
Structure of grading for academic performance

Academic Performance	Grades	Grade
Outstanding	AA	10
Excellent	AB	9
Very Good	BB	8
Good	BC	7
Average	CC	6
Below Average	CD	5
Marginal	DD	4
Fail	F	0
Incomplete	I	-
Withdrawal	W	-
Satisfactory/unsatisfactory	S/X	-

2.9 PLACEMENT

The Placement Cell has been active in arranging training and placement for students. This year a total of 160 companies visited the Campus and selected 748 (661 B.Tech, 87 M.Tech.) students. Highest and Average Packages offered by companies were Rs. 21.00 LPA, to 6 B.Tech. Students of Computer Engineering and Information Technology and 5.02 LPA, 5 Students who have been given Pre Placement Offers (PPOs), and 2 Offers were given directly to two toppers of B.Tech. (Electronics Branch) students.

2.10 GAMES AND SPORTS

- MNIT winning 10-Gold, 04-Silver & 05 Bronze in Inter NIT Weight Lifting, Chess, Badminton & Basketball held in 3rd to 5th March. 2015 at NIT Surat, Gujrat.
- 01-Gold, 06-Silver & 06 Bronze in Inter NIT Athletic Meet, held in 23rd to 25th Jan. 2015 NIT Rourkela, Orissa
- 01-Gold & 02-Silver in Sports Fest IIT Delhi, held in 27th Feb to 2nd March 2015.

2.11 STAFF POSITION

The staff position is as follows

Sanctioned Faculty strength	306
Faculty in Position (Including Director)	181
Administrative Staff in position	12
Ministerial Staff in position	68
Technical staff in position	111
Supporting Staff	73
Contractual Staff	36

Faculty Awards

Faculty members of the Institute won several awards and many prestigious organizations have recognized the contributions of the faculty and honoured them. The details are given in Chapter 11.8

Research & Development

Research and Development, at MNIT Jaipur, is one of the focal point to achieve its vision of developing cutting edge technology to meet the current and future challenges of technological development. The rich experience and talents of the faculty, combined with their passion and dedication for research and development in their respective areas has created excellent results. The focus on research is not bounded to the faculty members in their laboratories of the Institute but is pervasive beyond it in classrooms and fields as reflected in its relevance and rigor in all academic programmes of the Institute.

The Research and Development activities are supervised by the Research and Consultancy Cell at MNIT headed by Dean – Research and Consultancy. The cell is established with the objective of fostering in the Institute an enabling environment conducive for promoting and encouraging research, consultancy and other extension and professional activities among faculty and students. The Office of Dean – Research and Consultancy (ODRC) monitors all externally and internally funded and sponsored research, professional consultancy and development activities.

THRUST AREAS

The major thrust areas of Research, Development and Consultancy at MNIT Jaipur includes:

- Nano-Technology

- Disaster Management
- Energy Conservation
- Industrial pollution
- Composite material
- Internet Security
- Productivity
- Water De-Flouridation
- Power Control Systems
- Smart Grid
- Photonic structures
- Polymer membrane
- Nitronic steel
- Bio-fuels
- Green buildings

Research Consultancy And Development Highlights (last 5 Years 2010-15)

- On-going project worth Rs. 22 crores
- Other high value projects worth Rs. 7 crores
- Industrial consultancy Rs. 8.85 crores
- 1200+ scholarly publications in peer-reviewed journals of repute
- 13000+ indexed citations of faculty's research publications in last 5 years
- Cumulative h-index of 481 for faculty publications during last 5 years
- Cumulative i10 index of 332 for faculty publications during last 5 years
- 1000+ conference publications and presentations in last 3 years

Consultancy Activities

The Institute encourages its faculty to undertake professional consultancy assignments in their areas of expertise. Such professional assignments have steadily increased over last few years, both in terms of numbers as well as value.

Exhibit 1. Number of professional consultancy assignments during last three years



Exhibit 2. Value (in Rs.) of professional consultancy assignments during last three years



THE STAFF



3. THE STAFF

3.1 ACADEMIC STAFF (TEACHING) (AS ON 31.03.2015)

Designation	Name	Qualification
Director	Prof. I.K. Bhat	Ph.D.

DEPARTMENT OF ARCHITECTURE

Designation	Name	Qualification
Professor	1 Shri Alok Ranjan	B.Arch., M.U.R.P. (Hons.)
	2 Shri Rajeev Shringi	B.Arch. , M. Plng. (Urban Planning)
Associate Professor	1 Ms. Rina Surana	B.Arch., M. Arch. (Urban Design)
	2 Shri R.N. Sharma	B.Arch., M.U.P.,M. Plan
	3 Mrs. Kalpana Pandit	B.Arch., M.U.P., M. Plan
	4 Shri Tarush Chandra	B. Arch., P.G. Dip. Plng. (Urban & Regional Plan)
	5 Mrs. Meenu Varshney	B.Arch.
Assistant Professor	1 Dr. Satish Pipralia	B.Arch., MURP, Ph. D.
	2 Shri Nand Kumar	B.Arch., M. Arch.
	3 Shri Nischal Jain	B. Arch., M.Des.
	4 Ms. Pooja Nigam	B.Arch., M. Plan
	5 Ms. Niruti Gupta	B.Arch., M. Plan
	6 Dr. Ashwani Kumar	B.Arch., M. Plan, Ph. D.

DEPARTMENT OF CHEMICAL ENGINEERING

Designation	Name	Qualification
Professor	1 Dr S.P. Chaurasia	B.Tech., M.Tech., Ph.D.
	2 Dr. Alok Gupta	B.Tech., M.Tech., Ph.D.
Associate Professor	1 Dr. R.K. Vyas	B.E., M.E., Ph.D.
	2 Dr. Prabhat Pandit	B.Tech., M.Tech., Ph.D.
	3 Dr. S.K. Jana	B.Tech., M.Tech., Ph.D.
	4 Dr.(Mrs.) Suja George	B. Tech., M.Tech. Ph.D.
	5 Dr. Kailash Singh	B. E., M.Tech. Ph.D.
Assistant Professor	1 Dr. Manish Vashistha	B. E., M.Tech. Ph.D.
	2 Dr. Madhu Agarwal	B. Tech., M.Tech. Ph.D.
	3 Dr. Sushant Upadhyay	B. Tech., M.Tech., Ph.D.
	4 Dr. Rajeev Kumar Dohre	B. Tech., M.Tech., Ph.D.
	5 Shri Shiv Om Meena	M.Tech.
	6 Dr. U.K.Arun Kumar	B. E., M.E., Ph.D.
	7 Dr. Virendra Kumar Saharan	B. E., M.Tech. Ph.D.

DEPARTMENT OF CIVIL ENGINEERING

Designation	Name	Qualification
Professor	1 Dr. A.B. Gupta	B.E., M.Tech., Ph.D.
	2 Dr. Y.P. Mathur	B.E., M.E., Ph.D.
	3 Dr. B.L. Swami	A.M.I.E., M.E., Ph.D.
	4 Dr. Rohit Goyal	B.E., M.E., Ph.D.
	5 Dr. Gunwant Sharma	B.E., M.Tech., Ph.D.
	6 Dr. A.K. Vyas	B.E., M.E., Ph.D.
	7 Dr. Sudhir Kumar	B.E., M.E., Ph.D.
	8 Dr. Ravindra Nagar	B.E., M.Tech., Ph.D.
	9 Dr. R.C. Gupta	B.E., M.E., Ph.D.
	10 Dr. M.K. Shrimali	B.E., M. Tech., Ph.D.
Associate Professor	1. Dr. J.K. Jain	B.E., M.E. Ph. D.
	2 Dr. (Mrs.) Urmila Brighu	B.E., M.Tech., Ph.D.
	3 Dr. Sanjay Mathur	B.E., M.E., Ph.D.
	4 Dr. Sandeep Choudhary	B.E., M.E. Ph.D.
	5 Dr. S.K. Tiwari	B.E., M.Tech., Ph. D.
	6 Dr. S.D. Bharti	B.E., M.Tech. Ph.D.
	7 Shri Rajesh Gupta	B.E., M.E., Ph.D.
	8 Dr. Mahesh Kumar Jat	B.E., M.E., Ph.D.
	9 Dr. Mahendra Choudhary (On deputation at Govt. Engineering College, Banswara)	B.E., M. E., Ph.D.
	10 Dr. Ajay Singh Jethoo (On deputation at Govt. Women Engineering College, Ajmer)	B.E., M.E., Ph..D.
Assistant Professor	1 Dr. Nivedita Koul	B.E., M. E. Ph.D.
	2 Dr. Pawan Kalla	B.E., M. E. Ph.D.
	3 Dr. Arun Gaur	B.E., M. E., Ph.D.
	4 Dr. Sumit Khandelwal	B.E., M.E. Ph.D.
	5 Dr. Vinay Agarwal	B.E., M.E. Ph.D.
	6 Dr. Pandit Venkata Ramana	M. Tech., Ph.D.
	7 Dr. Sandeep Shrivastava	M. Tech., Ph.D.
	8 Dr. Putul Haldar	M. Tech., Ph.D.
	9 Dr. Rajib Sarkar	B.E., M.Tech. Ph.D.



DEPARTMENT OF COMPUTER ENGINEERING

Designation	Name	Qualification
Professor	1 Dr. M.C. Govil	B.E., M.E., Ph.D.
	2 Dr. M.S. Gaur	B.E., M.E., Ph.D.
Associate Professor	1 Dr. Girdhari Singh	B.E., M.S. (Software) ,Ph.D.
	2 Dr.(Mrs) Vijay Laxmi	B.E., M.Tech., Ph.D.
Assistant Professor	1 Dr. (Mrs.) Neeta Nain	M.C.A. Ph.D.
	2 Dr. (Mrs.) Namita Mittal	M.C.A. Ph.D.
	3 Dr. Dinesh Goplani	B.E. M.Tech. Ph.D.
	4 Dr. Mushtaq Ahmed	B.E, Ph.D.
	5 Dr. Meenakshi Tripathi	M.Tech, Ph.D.
	6 Shri Yogesh Kumar Meena	M.Tech
	7 Shri Ramesh Babu Battula	M.Tech
	8 Shri A.K.Mazumdar	B.E., M.Tech.
	9 Shri Dinesh Kumar Tyagi	B.E., M.Tech.
	10 Dr. Emmanuel Shubhankar Pilli	B.E., M.Tech., Ph. D.
	11 Shri Santosh Kumar Vipparthi	B.E., M.Tech.

DEPARTMENT OF ELECTRICAL ENGINEERING

Designation	Name	Qualification
Professor	1 Dr R. A. Gupta	B.E., M.E., Ph.D.
	2 Dr. K.R. Niazi (On E.O.L.)	B.E.,M.E., Ph.D.
	3 Dr. Manoj Fozdar	B.Sc.(Engg.), M.Sc. (Engg.), Ph.D.
Associate Professor	1 Shri A.K. Agarwal	B.E., M.Tech.
	2 Mrs. Nikita Jhajharia	B.E., M.E.
	3 Shri V.K. Jain	B.E., M.E.
	4 Dr. Vikas Gupta	B.E., M.E., Ph.D.
	5 Shri V.S. Pareek	B.E., M.E.
	6 Shri P.K. Agarwal	B.E., M.E.
	7 Dr. Harpal Tiwari	B.E., M.E., Ph.D.
	8 Dr. Rajesh Kumar	B.E., M.E. Ph.D.
	9 Dr. Rajiv Tiwari	B.E., M. E.
Assistant Professor	1 Shri Mukesh Kumar Shah	B.E., M.Tech.
	2 Dr. Nikhil Gupta	B.E., M.Tech. Ph.D.
	3 Dr. Anil Swarnkar	B.E. , M.Tech. Ph.D.
	4 Dr. Purna Jain	B.E., M.E., Ph.D.
	5 Dr. Rohit Bhakar (On E.O.L.)	B.E. M.E., Ph.D
	6 Dr. Kusum Verma	B.E. , M.Tech., Ph.D
	7 Dr. Nitin Gupta	B.E. , M.Tech., Ph.D
	8 Shri Hemant Meena	B. Tech., M. Tech.,
	9 Dr. Dipti Saxena	B. Tech., M. Tech., Ph.D
	10 Dr. Vijay Kumar K	B.E. , M.Tech., Ph.D

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Designation		Name	Qualification
Professor	1	Dr. R.P. Yadav	M.Sc., M.Tech., Ph.D.
	2	Dr. Vineet Sahula	B.E., M.Tech., Ph.D.
	3	Dr. K.K. Sharma	B.E., M.E. Ph.D.
	4	Dr. D. Boolchandani	B.E., M.Tech.
Associate Professor	1	Shri Sanjeev Agarwal	B.E., M.Tech.
	2	Dr. Mohd. Salim	B.E., M.Tech., Ph.D.
	3	Shri Rakesh Bairathi	B.E., M.Tech.
	4	Shri Tarun Verma	B.E., M.E.
	5	Dr. Lava Bhargava	B.E., M.E.
	6	Dr. Vijay Janyani	B.E., M.E., Ph.D.
	7	Dr. Ghanshyam Singh	B.E., M.Tech., Ph.D.
	8	Dr. M.M. Sharma	B.E., M.Tech., Ph.D.
Assistant Professor	1	Dr. Ritu Sharma	B.E., M.Tech., Ph.D.
	2	Shri Ashish Kumar Ghunawat	M.Tech.
	3	Dr. C.Periasawmy	B.E., M.Tech., Ph.D.
	4	Shri Amit Mahesh Joshi	B.E., M.Tech.
	5	Dr. Mohd. Samar Ansari	B.E., M.Tech., Ph.D.
	6	Dr. Ravi Kumar Maddila	B.E., M.Tech., Ph.D.
	7	Dr. Satya Sai Jaganath Nanda	B.E., M.Tech., Ph.D.

DEPARTMENT OF MECHANICAL ENGINEERING

Designation		Name	Qualification
Professor	1	Dr. Gopal Agarwal	B.E., M.E., Ph.D.
	2	Dr. S.L. Soni	B.E., M.Tech., Ph.D.
	3	Dr. A.P.S. Rathore	B.E., M.B.A., Ph.D.
	4	Dr Rakesh Jain	B.E., P.G.D.I.E. Ph.D.
	5	Dr. G. S. Dangayach	B.E., M.Tech., Ph.D.
	6	Dr. Jyotirmay Mathur	B.E., M. Tech., Ph.D.
	7	Dr. A.K. Bhardwaj	B.E., M.E., Ph.D.
	8	Dr. Dilip Sharma	B.E., M.E. Ph.D.
	9	Dr. M.P. Poonia (on deputation at NITTR, Chandigarh)	B.E., M.E., Ph.D.
Associate Professor	1	Dr G.D. Agarwal	B.E., M.Tech. Ph.D.
	2	Dr M.L. Mittal	B.E., M.E. Ph.D.
	3	Shri N.S.Yadav	B.E.
	4	Shri Amit Panchariya	B.E., M.Tech.
	5	Dr.T.C. Gupta	A.M.I.E., M.Tech., Ph.D
	6	Dr. Nirupam Rohtagi	B.E., M.E., Ph.D.
	7	Dr. Himanshu Choudhary	M. Tech., Ph.D.

Assistant Professor	1	Dr. Makhan Lal Meena	M.Tech., Ph.D.
	2	Shri Mukesh Kumar	B.Tech., M. Tech.
	3	Ms. Anoj Meena	B.E., M.Tech.
	4	Dr. Gunjan Soni	B.E., M.Tech. Ph.D.
	5	Dr. Harlal Singh Mali	B.E., M.Tech. Ph.D.
	6	Dr. Amit Singh	B.Tech., M.Tech. Ph.D.
	7	Dr. Dinesh Kumar	M.Tech. Ph.D.
	8	Dr. Amar Patnaik	B.E., M.Tech. Ph.D.

DEPARTMENT OF METALLURGICAL ENGINEERING

Designation		Name	Qualification
Professor	1	Dr. Ashok Sharma	B.Sc., B.E., M.E., Ph.D.
	2	Dr. P.R. Soni	M.Sc., M.E., Ph.D.
	3	Dr. C.P. Sharma	B.E., M.E., Ph.D.
	4	Dr. A.K. Bhargava	B.E., M.E., Ph.D.
	5	Dr. Upendra Pandel	B.E., M.E., Ph.D.
Associate Professor	1	Dr. (Mrs.) Munan Mandira	M.Sc., M.E., Ph.D.
	2	Dr. N. C. Upadhyay	B.Tech. , M.E., Ph.D.
	3	Dr. Y.V.S.S. Prasad	B.E., M.Tech., Ph.D.
	4	Dr. V.K. Sharma	B.E., M.E., Ph.D.
	5	Dr. S.K. Gupta	B.E., M.E., Ph.D.
Assistant Professor	1	Dr. Rajendra Kumar Duchaniya	M.Tech., Ph.D.
	2	Dr. Vinod Kumar	B.Tech., M.Tech. Ph.D.
	3	Shri Krishna Kumar	B.Tech., M.E.

DEPARTMENT OF CHEMISTRY

Designation		Name	Qualification
Professor	1	Dr. K.D.Gupta	M.Sc. (USA), Ph. D.
Associate Professor	1	Dr. (Mrs.) Jyoti Joshi	M.Sc., Ph. D.
	2	Dr. (Ms.) Ragini Gupta	M.Sc., Ph. D.
Assistant Professor	1	Dr. Mukesh Jain	M.Sc., Ph. D.
	2	Dr. Raj Kumar Joshi	B.Sc., M.Sc., Ph. D.
	3	Dr. Sandeep Choudhary	B.Sc., M.Sc., Ph. D.
	4	Dr. Sumanta Kumar Meher	M. Phill, Ph. D
	5	Dr. Sumit Kumar Sonkar	M. Sc., Ph. D

DEPARTMENT OF HUMANITIES

Designation		Name	Qualification
Associate Professor	1	Dr. V.S. Shekhawat	M.A., M.Phil., Ph. D.
	2	Dr. (Mrs.) Nupur Tandon	M.A., Ph. D.
	3	Mrs. Nanny Tripathi	M.A., M.Phil.
Assistant Professor	1	Dr. (Mrs.) Dipti Sharma	B.A., M.A., Ph.D.
	2	Dr. (Mrs.) Preeti Bhatt	B.Sc., M.A., Ph.D.

DEPARTMENT OF MATHEMATICS

Designation	Name	Qualification
Professor	1 Dr. K.C. Jain	M.Sc., Ph. D.
	2 Dr. (Mrs.) Rashmi Jain	M.Sc., Ph. D.
Associate Professor	1 Dr. (Mrs.) Nilama Gupta	M.Sc., Ph. D.
	2 Dr. (Mrs.) Vatsala Mathur	M.Sc., Ph. D.
	3 Dr. R.C. Soni	M.Sc., M.Phil, Ph. D.
Assistant Professor	1 Dr. Sanjay Bhatte	M.Sc., Ph. D.
	2 Dr. (Mrs.) Santosh Choudhary	M.Sc., M.Phil, B.Sc. Ph. D.
	3 Dr. Ritu Agarwal	B.Sc., M.Sc., M.Phil., Ph. D.

DEPARTMENT OF PHYSICS

Designation	Name	Qualification
Professor	1 Dr. S.K. Sharma	M.Sc., Ph. D.
Associate Professor	1 Dr. (Mrs.) K. Sachdev	M.Sc., Ph. D.
Assistant Professor	1 Dr. K.Venkatratanam Kamma	B.Sc., M.Sc., Ph.D.
	2 Dr. Srinivasa Rao Nelamarri	B.Sc., M.Sc., Ph.D.
	3 Dr. Rahul Singhal	B.Sc., M.Sc., Ph.D.
	4 Dr. Subhayan Mandal	B.Sc., M.Sc., Ph.D.

SPORTS SECTION

Designation	Name	Qualification
Sports Officer	Dr. Subir Debnath	Ph.D.

DEPARTMENT OF MANAGEMENT STUDIES

Designation	Name	Qualification
Professor	--	--
Associate Professor	--	--
Assistant Professor	1 Dr. Monika Sharma	BE, MBA, Ph.D.
	2 Dr. Satish Kumar	B.Com., MBA, Ph.D.
	3 Dr. Deepak Verma	MBA, Ph.D.

PROFESSOR OF TRAINING AND PLACEMENT

Designation	Name	Qualification
Professor	Dr. S.L.Soni	B.E., M.Tech., Ph.D.

STEEL CHAIR PROFESSOR

Designation	Name	Qualification
Steel Chair Professor	Prof. M.K.Banerjee	Ph.D.

RESEARCH PROFESSOR

Designation	Name	Qualification
Research Professor	Prof. Sampad Biswas	Ph.D.

EMERITUS SCIENTIST

Designation	Name	Qualification
Emeritus Scientist	Prof. Vishwanath Sinha	Ph.D.

3.2 NON-ACADEMIC STAFF (NON-TEACHING AS ON 31.03.2015)**Administrative & Other Staff****(a) Chief Academic & Executive Officer**

S.No.	Designation	Name	Qualification
1	Director	Prof. I.K. Bhat	Ph.D.

(b) Administrative Staff

S.No.	Designation	Name	Qualification
1.	Registrar	Prof. M.K.Shrimali (Registrar Incharge)	B.E., M.Tech., Ph.D
2	Dy. Registrar	Dr. Aradhna Chopra	Ph. D.
3	Assistant Registrar	1 Shri Bhurendra Singh	B.A., L.L.B.
		2 Dr. (Mrs.) Suman Rathore	Ph.D.
		3 Shri Jayant Sharma	M.Com.
		4 Shri Birbal Singh	M.Com., L.L.B.
		5 Shri Rajkumar Dubey	M.Com, LLB.
		6 Shri Deepak Maheshwari	M.Com.
4	Executive Engineer	Shri Jitendra Dixit (On deputation)	-
5	Assistant Executive Engineer	1 Shri C.M.Saini	AMIE
		2 Shri Pankaj Munjal (On deputation)	
		3 Shri Pawan Kulshrestha (On deputation)	
6	Librarian	-	-
7	Deputy Librarian	-	-
8	Assistant Librarian	Shri Deep Singh	M.A., (Pub. Adm.) & M.L.I.Sc.
9	Senior Medical Officer	Dr. Vandana Gupta (On deputation)	M.B.B.S.
10	Medical Officer	Dr. Virendra Singh Shekhawat (On deputation)	M.B.B.S.
11	Senior SAS Officer	-	-
12	SAS Officer	Dr. Virendra Singh	Ph.D.
13	Principal Scientific /Technical Officer	-	-
14	Senior Scientific /Technical Officer	Dr. Ashok Kumar Solanki (On deputation at IIT, Mandi, H.P.)	Ph.D.
15	Scientific /Technical Officer	Dr. Sanjay Rajpal	M.C.A., Ph.D.
16	Security Officer	-	-

3.3 STATEMENT SHOWING THE STAFF POSITION

(a) Academic Staff

S. No.	Designation	Sanctioned Strength	In position (On 31.3.2015)
1	Director	1	1
2	Professor	44	41
3	Associate Professor/Reader	87	60
4	Assistant Professor	175	79

(b) Non Teaching Staff

S. No.	Name of Cadre	Total sanctioned posts	Officers/ officials structured in the cadre
A.	Officers (10 percent of faculty strength)	31	12
1.	Registrar	1	0
2.	Deputy Registrar	3	1
3.	Assistant Registrar	8	6
4.	Executive Engineer	1	--
5.	Assistant Executive Engineer	2	1
6.	Librarian	1	--
7.	Deputy Librarian	1	--
8.	Assistant Librarian	2	1
9.	Senior Medical Officer	1	--
10.	Medical Officer	2	--
11.	Senior Student Activity and Sports (SAS) Officer	1	--
12.	Student Activity and Sports (SAS) Officer	2	1



13.	Principal Scientific/ Technical Officer	1	--
14.	Senior Scientific/ Technical Officer	1	1
15.	Scientific/ Technical Officer	3	1
16.	Security Officer	1	0
B.	Technical Higher (30 percent of faculty strength)	92	34
1.	PB-2 with grade pay of Rs 4200/-	41	24
2.	PB-2 with grade pay of Rs 4600/-	31	07
3.	PB-2 with grade pay of Rs 4800/-	20	03
C.	Technical Lower (30 percent of faculty strength)	92	77
1.	PB-1 with grade pay of Rs 2000/-	41	52
2.	PB-1 with grade pay of Rs 2400/-	31	03
3.	PB-1 with grade pay of Rs 2800/-	20	08
4.	PB-2 with grade pay of Rs 4200/-	00	14
D.	Ministerial Higher (08 percent of faculty strength)	19	11
1.	PB-2 with grade pay of Rs 4200/-	07	09
2.	PB-2 with grade pay of Rs 4600/-	06	00
3.	PB-2 with grade pay of Rs 4800/-	06	02
E.	Ministerial Lower (17 percent of faculty strength)	58	57
1.	PB-1 with grade pay of Rs 2000/-	30	22
2.	PB-1 with grade pay of Rs 2400/-	16	09
3.	PB-1 with grade pay of Rs 2800/-	08	01
4.	PB-2 with grade pay of Rs 4200/-	04	25
F.	Supporting Staff (15 percent of faculty strength)	45	73
1.	PB-1 with grade pay of Rs 1800/-	20	09
2.	PB-1 with grade pay of Rs 1900/-	15	17
3.	PB-1 with grade pay of Rs 2000/-	10	10
4.	PB-1 with grade pay of Rs 2400/-	00	37
	GRANT TOTAL (110 percent of faculty strength)	337	249

3.4 WORKING HOURS

The Institute during the year under report observed the following working hours:

1	Academic Departments	8.00 a.m. to 5.00 p.m. Monday to Friday
2	For employees working in the Administrative Block	-do-
3	Hostels	Round the clock (shift wise)
4	Estate Department	8.00 a.m. to 5.00 p.m. on all the days of the week and on Sunday, a few members of the staff are called on duty to attend emergency services.
5	Library	Shift wise

TEACHING PROGRAMME

Sri Aurobindo says :

“Education must be all about
out the child’s own intellectual
capacities to their highest
value, the teacher, parents
environment have to enable
educate himself to develop
intellectual, moral, aesthetic
practical capacities and to



4. TEACHING PROGRAMME

4.1 COURSES OFFERED

The Institute offers courses of study leading to Bachelor of Technology Degree in Chemical Engineering, Computer Science & Engineering, Civil Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Metallurgical & Materials Engineering and B. Architecture in Architecture & Planning. Full Time/Part Time Master of Technology Degrees in Chemical Engg. (Chemical Engg. Dept.), Computer Engg. (Computer Science and Engg. Dept.), Environmental Engineering, Disaster Assessment and Mitigation, Structural Engg. Transportation Engg. and Water Resources Engineering (Civil Engg. Dept.), Power Systems (Electrical Engg. Dept.), Electronics & Communication Engg. VLSI Design, Embedded System, Wireless & Optical Communication (Electronics & Comm. Engg. Dept.), Industrial Engg. Thermal Engg, Production Engg. Design Engg. (Mechanical Engg. Dept.), Metallurgical & Materials Engg. Steel Technology (Metallurgical & Materials Engg. Dept.), Renewable Energy (Centre for Energy & Environmental Dept.), M. Planning [Urban Planning] (Architecture & Planning Dept.), Master of Science in Applied Physics, Applied Chemistry and Applied Mathematics are offered by respective Sciences Depts. Full time and M.B.A. Programme is offered by Department of Management Studies. The medium of instructions and examinations is English.

4.2 COURSES-WISE ENROLMENT

Course-Wise Enrolment of undergraduate B.Tech. /B. Arch. Programme through CSAB, DASA, ICCR and MEA during the session 2014-15

Programme	Branch	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Total
		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	
B.Arch.	Architecture & Planning	62	61	66	58	62	309
	Civil Engg.	94	94	101	92	0	381
	Chemical Engg.	93	94	93	93	0	373
	Computer Science & Engg.	103	112	110	97	0	422
	Electrical Engg.	97	94	96	90	0	377
	Electronics & Communication Engg.	105	101	102	96	0	404
	Information Technology	0	0	0	88	0	88
	Mechanical Engg.	104	113	109	112	0	438
	Metallurgical & Materials Engg.	88	85	92	86	0	351
		746	754	769	812	62	3143



4.3 COURSE WISE ADMISSION STATISTICS-UG/PG PROGRAMMES

(a) Students admitted to Undergraduate B. Tech./B.Arch. programmes through CSAB during the session 2014-15

S. No.	Branch	SC	ST	OBC	GC	Total
1.	Architecture & Planning	9	4	16	30	59
2.	Chemical Engg.	13	7	26	44	90
3.	Civil Engg.	14	6	25	46	91
4.	Computer Science & Engg.	14	7	25	47	93
5.	Electronics & Communication Engg.	14	7	26	47	94
6.	Electrical Engg.	14	7	26	46	93
7.	Mechanical Engg.	14	7	26	46	93
8.	Metallurgical & Materials Engg.	12	7	26	43	88
	TOTAL	104	52	196	349	701

(b) Students admitted to Postgraduate Programmes during the session 2014-15 in M.Tech. /M.Plan. /M.Sc. /M.B.A. programmes

S. No.	PROGRAMMES	General	ST	SC	OBC	Sponsored	Part Time	Total
1.	Chemical Engineering	10	0	3	4	0	0	17
2.	Environmental Engg.	9	1	2	3	1	1	17
3.	Water Resources Engg.	7	1	0	3	1	0	12
4.	Structural Engg.	8	1	3	4	2	4	22
5.	Power Systems	9	2	3	6	3	1	24
6.	Transportation Engg.	6	1	2	4	0	3	16
7.	Industrial Engg.	9	2	3	6	1	2	23
8.	Metallurgical & Materials Engg.	7	2	2	7	1	0	19
9.	Electronics & Comm. Engg.	9	1	3	6	8	0	27
10.	VLSI Design	10	2	3	5	8	1	29
11.	Thermal Engineering	8	1	3	5	0	0	17
12.	Computer Engineering	10	2	3	5	6	1	27
13.	Disaster Assessment and Mitigation	5	1	2	3	0	0	11
14.	Renewable Energy	8	2	2	5	0	0	17
15.	Production Engg.	7	1	2	4	0	0	14

16.	Design Engg.	7	1	2	4	0	0	14
17.	Steel Technology	0	0	2	2	0	0	4
18.	Urban Planning	8	0	3	5	0	1	17
19.	Embedded System	9	2	3	6	0	0	20
20.	Wireless & Optical Communication	10	2	3	7	0	0	22
	TOTAL	156	25	49	94	31	14	369
		Sc.			M.			
21.	M. Sc. Physics	9	2	3	5	0	0	19
22.	M. Sc. Chemistry	9	1	5	3	0	0	18
23.	M. Sc. Mathematics	3	1	3	5	0	0	12
	TOTAL	21	4	11	13	0	0	49
		M.B.A						
24.	M.B.A.	22	1	9	7	0	0	39
	Grand Total	M. Tech/M. Plan/M. Sc./MBA						457

Ph.D. Programmes 2014-15 (July 2014)

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Centre for Energy & Environment	2	0
2.	Chemical Engineering	6	0
3.	Chemistry	4	0
4.	Civil Engg.	6	7
5.	Computer Science & Engineering	1	1
6.	Electrical Engg.	3	0
7.	Electronics & Comm. Engg.	12	0
8.	Management Studies	2	2
9.	Architecture & Planning	1	0
10.	Mechanical Engg.	5	5
11.	Metallurgical & Materials Engg.	5	0
12.	Physics	4	0
	Grand Total	51	15

Ph.D. Programmes 2014-15 (January 2015)

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Centre for Energy & Environment	0	1
2.	Chemical Engineering	2	1
3.	Chemistry	0	2
4.	Civil Engg.	4	0
5.	Computer Engineering	8	2
6.	Electrical Engg.	9	0
7.	Electronics & Comm. Engg.	5	1
8.	Humanities & Social Sc.	2	0
9.	Mechanical Engg.	4	0
10.	Metallurgical & Materials Engg.	8	0
11.	Physics	1	1
Grand Total		43	8

4.4

HOSTELS

There are twelve hostels for the students of our Institute. The details of rooms are as follows:

Hostel No.	Single Seated Rooms	Double Seated Rooms	Triple Seated Rooms	Total Capacity
Boy's Hostels				
Hostel - 1	72		36	180
Hostel - 2	72		36	180
Hostel - 3	72		36	180
Hostel - 4	72	36		144
Hostel 5	182			182
Hostel 6	72		36	180
Hostel 7			75	225
Hostel 8	212			212
Auribindo Hostel	986			986
Girl's Hostel				
Girls Hostel A Block	48		14	90
Girls Hostel B Block		68		136
Gargi Hostel	400			400
P.G. Hostel	16			16
MSH	8			8
GRAND TOTAL	2212	104	233	3119

Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

We have twelve hostels for the students of our Institute, Nine for boys three for girl students. The total capacity of hostels for male candidates is around 2500 and that for female candidates is around 650. Apart from accommodation for regular students, we have 60 well furnished guest rooms (40 for male candidates and 20 for female candidates) for research scholars, trainees of short term training programs, etc., visiting MNIT for short durations.

The hostels are equipped with modern facilities like net connectivity through Wi-Fi/ LAN, automatic laundry facilities, solar geysers etc.; all hostels have manned security round the clock. All the hostel premises have large open areas with good landscaping and playgrounds.

Hostel Management

Each hostel is taken care of by hostel caretakers, and wardens. The council of warden is headed by Chief Warden. Council of wardens and mess committees meet regularly to discuss various issues related to hostels and mess.

Dining Facilities

Presently we are having mess facility in all hostels except Hostel no. 3, 4 and 5. The residents of these hostels are dining in messes attached with other hostels. The Mess in Aurobindo Hostel and Gargi Hostel (also catering to residents of Girls Hostel A and B Block) are being operated by private service provider. All Messes have been renovated and are having modern facilities to facilitate proper hygiene.

Mess Committee consisting of Mess Secretary and Student representatives Mess Members manage the mess. Entire salary of the mess servants is borne by the students themselves through MNIT Students Mess account. Mess committees supervise the daily menu, quality of food, cleanliness in the mess, etc.

Laundry Facilities

Modern laundry facilities have been installed in Aurobindo Hostel and Gargi Hostel for residents of Boys and Girls Hostel. Students are using these facilities through prepaid smart cards.

Solar Geysers

All hostels are equipped with solar geysers for hot water, which results in huge saving of energy.

Solar Steam Cooking System

Recently we have installed Solar Steam Cooking System in Gargi Hostel. The consumption of LPG shall reduce significantly with the

use of Solar Steam Cooking System at full efficiency. This will also result in better nutritional values of cooked food.

Other Facilities

There is one Common Room for each hostel, having the facility of a colour television, and one Table Tennis table.

4.5 SCHOLARSHIPS/ASSISTANTSHIP

Please see the details in Annexure 11.11

4.6 GAMES AND SPORTS

Physical education & Sports is an important part of today's educational experience and physical activities are a part of this curriculum. An important characteristic of Physical education and Sport is its ability to draw upon a range of sciences to inform and advance in the fields of sport performance, exercise education, health and well-being through participation in various physical activities. Physical education and Sport will continue to pursue health and wellbeing mission for students, staffs and their family members. The vision – "Fit MNIT fit India" and excellence in Games and Sports has developed a confident understanding of issues of all round development of quality like personality, positive leadership, motivation, commitment, men managing, cardio respiratory development, general motor ability, quick decision making ability, body sculpture, stress free life, Fitness & current global significance of Olympic sports. Rejoicing the success and accepting the failure and learning from it, that is what exactly sports teaches us and the mission of sports activities is to let the future engineers feel the spirit of sportsmanship.

Students, staff and their family members are enjoying and using Institute's indoor sports facilities. Physical Education and Sports have created and developed a positive and healthy sports culture in the Institute. Sports have been allotted 04-credit in the B. Tech. (I-IVth semester) course curriculum (Creative Arts) which is unique example in NIT system of India.

4.7 ACHIEVEMENTS IN GAMES & SPORTS

Participation of students in tournaments and results:

S. No.	Events & venue	Date	Medals	Remarks
1.	Inter NIT Athletic Meet, NIT Rourkela, Orissa	23 rd to 25 th Jan. 2015	01-Gold, 06-Silver & 06 Bronze.	Overall Third position.
2.	Sports Fest IIT Delhi,	27 th Feb to 2 nd March 2015	01-Gold & 02-Silver	
3.	Inter NIT volleyball Meet, NIT Kurukshetra, Haryana	23 rd to 25 th Jan. 2015	--	--
4.	Inter NIT Weight Lifting, Chess, Badminton & Basketball NIT Surat, Gujrat	3 rd to 5 th March. 2015	10-Gold, 04-Silver & 05 Bronze.	Overall Champion in Weight Lifting, Power Lifting and Best Physique.

Staff Achievements:

- Keynote Speaker for “International Conference on Physical Education and Sports Science”, January 6-7th 2015, JECRC University, Jaipur, Rajasthan, India.
- Keynote Speaker for National Seminar on “Holistic Growth: Symbiosis of Theory and Practice”, February 12-13th 2015, St Xavier’s College, Jaipur, Rajasthan, India.
- Resource Person for “25th Pan Asian Conference of Sports & Physical Education – 2014”, August 8-10th 2014, at Osmania University, Hyderabad, Telangana, India.
- Published Paper: Sampa Roy, Uma Dutta and Subir Debnath (2015), “Effects of Aerobic activities and step aerobics on selected physiological variables of Deaf and Dumb Children,” January 6-7th 2015, International Conference on Physical Education and Sports Science Conference proceeding, Vol.3. 50-53

Activities organized by the institute:

1. All India Advani Memorial Basketball Tournament (AIAMBT’14) which is one of the premier professional National level Basketball tournament was organized from 9-13th April 2014 Dr. Subir Debnath as a Convener. Eight Men and Six women teams took part (Teams like ONGC, Services Sports Control Board, Indian Air Force, Punjab state Team, Rajasthan State Team, Rail ways teams, Kerala State Electricity Team etc. Sh. Ajit Mohan Saharan, Secretary, Ministry of Youth affairs and Sports, Govt. of India inaugurated the Tournament, where, Sh. Ajit Singh, Principal Secretary, Ministry of Youth affairs and Sports, Govt. of Rajasthan presided over the function.
2. Annual Athletic Meet was organized from 31st Jan. to 1st Feb 2015 by Dr. Subir Debnath, Sports Officer. Chief Guest

Mr. Lekhra lighted the torch and declared the meet open. The inaugural ceremony was followed by march-past of more than 450 students department wise and was lead by Ms. Kanika Gupta ‘Best Athlete’. MNIT student gymnastic team performed amazing Pyramid formations that showcased their talents in front of the crowd which was choreographed by Mr. Keshav Kumar Swami. Chief Guest for closing Mrs. Paramjeet Kaur, a renowned Olympian from Rajasthan gave away the prizes. Mr. Satish Yadav became “Best Athlete Men” and Ms. Sunita Dudi became “Best Athlete Women”. The most promising athlete men Rahul Patil and Ms. Diksha Chaudhary remained Best women Promising Player.

3. Students Inter Departmental Games and Sports Tournaments were organized throughout the session where Mechanical Department emerged as Champion.
4. Sports Department also organized various sports Tournaments for students viz. Hongkong Sixes Cricket Tournament where more than 54-teams participated, 5-a-side Football where 12 teams participated, 2+ 2 Volleyball and 2+ 2 Basketball were organized, Badminton for students and staff members, Rapid Chess etc were organized.

Morning Premier League (Cricket Tournament) is introduced this year by students of Mechanical Engineering Department, which was played from 6:00 AM to 8:00 AM in the morning with a running Trophy. IT department students also organized the same.

4.8 EXAMINATION DETAILS

- (a) Results of Undergraduate Courses of Final B. Tech. /B. Arch. Courses 2014-15.



Disciplines	No. of students appeared	No. of students passed with CGPA on a 10-point scale			Registered in next semester	Total
		Above 7.75 CGPA	7.74 to 6.75 CGPA	6.74 to 5.0 CGPA		
Final B. Architecture & Planning (5-year course)	68	13	27	17	11	68
Final B. Tech. Civil Engg.	98	30	35	28	5	98
Final B. Tech. Chemical Engg.	90	31	31	20	8	90
Final B. Tech. Computer Science & Engg.	98	23	39	34	2	98
Final B. Tech. (Information Technology)	87	34	27	22	4	87
Final B. Tech. Electrical Engg.	92	28	32	22	10	92
Final B. Tech. Electronics & Communication Engg.	96	34	30	21	11	96
Final B. Tech. Mechanical Engg.	120	35	33	37	15	120
Final B. Tech. Metallurgical & Materials Engg.	83	30	32	14	7	83

(b) Results of Postgraduate Courses of final year M.Tech./M.Sc./MBA 2014-15

Disciplines	N o. of students appeared	No. of students passed with CGPA on a 10-point scale			Registered in next semester	Total
		Above 7.75 CGPA	7.74 to 6.75 CGPA	6.74 to 5.0 CGPA		
M.Tech. in Chemical Engineering	13	4	8	1	0	13
M.Tech. in Environmental Engg.	12	4	6	2	0	12
M.Tech. in Water Resources Engg.	11	3	6	2	0	11
M.Tech. in Structural Engg.	13	11	2	0	0	13
M.Tech. in Power Systems	14	6	5	3	0	14
M.Tech. in Transportation Engg.	14	9	5	0	0	14
M.Tech. in Industrial Engg.	23	6	11	2	4	23
M.Tech. in Metallurgical & Materials Engg.	21	10	9	2	0	21
M.Tech. in Electronics & Comm. Engg.	30	16	10	4	0	30
M.Tech. in VLSI Design	17	9	7	1	0	17
M.Tech. in Energy Engineering	20	8	8	2	2	20
M.Tech. in Computer Engineering	25	4	16	5	0	25
M.Tech. in Disaster Assessment and Mitigation	12	6	4	2	0	12
M.Tech. in Renewable Energy	16	9	6	1	0	16
M.Tech. in Production Engg.	12	3	4	5	0	12
M.Tech. in Design Engg.	12	7	4	1	0	12
M.Tech. in Steel Technology	6	5	1	0	0	6
M.Tech. in Urban Planning	8	3	4	1	0	8
M. Sc. Physics	16	8	5	3	0	16
M. Sc. Chemistry	20	13	7	0	0	20
M. Sc. Mathematics	14	7	4	3	0	14
M.B.A.	29	8	13	8	0	29
Total	358	159	145	48	6	358

4.9 TRAINING AND PLACEMENT

Details are given Annexure 11.12

4.10 9th CONVOCATION

The 9th Convocation of the Institute was held on 19th January, 2015. Shri Anil Kakodkar, Padma Vibhushan, and Formerly Director, Bhabha Atomic Research Centre, and formerly Chairman, Atomic Energy Commission, and who presently is the DAE Homi Bhabha Chair Professor at BARC graced the occasion as the Chief Guest. Total 1105 degrees were awarded in UG (784), PG (273) and Ph.D. (48) programmes.



5. RESEARCH AND DEVELOPMENT ACTIVITIES

The functioning of the Office of Dean, Research & Consultancy (ODRC) has been revamped, and the New Rules for “Industrial Consultancy and Sponsored Research” have been framed and notified to be effective from 7th May 2012. ODRC is the nodal Office for all the research/consultancy projects in the Institute; the ODRC maintains all the financial records to the projects. The approved project bears the project Identification Number. Under the New Rules the Institute encourages Academic Staff to undertake Sponsored Research projects in the niche area, the New Rules/Guidelines have been framed to create conducive environment for the same.

Some of the Salient data for the year is as under:

S. No.	Consultancy & Project	2014-15	
		Number Consultancy & Project	Amount of R&D Fund received
1.	Consultancy	219	2.36 Crores
2.	Project	23	8.66 Crores

5.1 Ph.D. PROGRAMMES

The Institute offers a full time/part time advanced programme leading to the Ph.D. degree in the areas of Engineering/Technology/Sciences/Humanities & Social Sciences, Management. Admission to these programmes is open to individuals from all disciplines, twice a year, for the Odd (July) and Even (January) semesters. The admission process is based on the past academic record, a research proposal, references, written Test and personal interview. Upon admission students have to complete minimum course requirements and clear a comprehensive examination before commencing with their doctoral research under the guidance of a supervisor and research committee (DRC) of the student concerned. The Institute offers a variety of competitive scholarship and assistance to full-time Ph.D. students.

5.2 DETAILS OF Ph.D. AWARDED FROM 1ST APRIL 2014 to 31ST MARCH 2015

Branch	Total degrees
Civil Engineering	1
Chemical Engineering	4
Computer Science and Engineering	4
Electronics & Communication Engg.	3
Mathematics	2
Mechanical Engg.	1
Physics	1
Electrical Engg.	5
Humanities & Social Sciences	3
TOTAL	24

5.3 PROPOSED PLAN FOR RESEARCH

Each department of the Institute has identified its area of strength and intends to focus on these areas for best results. Full-Time Ph.D. studentships are also proposed to attract engineering graduates to pursue research at the Institute.

CENTRES FOR EXCELLENCE

5.4 CENTRE FOR ENERGY AND ENVIRONMENT

Activities carried out during the year 2014-15:

- An invited talk by Mr. Sanjay Sood, IFS, Conservator of Forests, Shimla Forest Circle on “Climate change ; Future Policies and Regulatory Scenarios” on April 20, 2014 at Design Centre, New Senate Hall.
- An invited talk by Mr. Gagan Mehra, Managing Director, ORSAM on “Advances in lighting technology and future of lighting” on April 20, 2014 at Design Centre, New Senate Hall.

- A technical talk on “VRV technology” in air conditioning presented by representative of ISHRAE as conducted on June 14, 2014 at Centre of Excellence, MNIT Jaipur.
- Centre for Energy and Environment organized CST workshop in collaboration with Anthro Power Training Pvt. Ltd., and MSA Renew tech Foundation, under the grant from MNRE and UNDP-GEF project from June 19-21, 2014.
- Business meet on Concentrating Solar Technologies for Community cooking, Space Cooling & Process Heat applications at Hotel Royal Orchid, Jaipur on 31st July 2014
- An invited talk on “Solar Thermal Energy Application” by Prof. N.M. Nahar, Principal Scientist Retd., Central Arid Zone Research Institute Jodhpur on 09/09/2014.
- Visit of Ms. Sha Yu, Scientis, Battelle, Pacific Northwest National Laboratory Maryland visited on 08/08/2014.
- Sustainable Energy & Environment Quiz 14 was organized in collaboration with ISHRAE from 23-24, 2014
- A training of trainers for ECBC in collaboration with BEE, gef, UNDP and MNIT Jaipur held from September 12-13, 2014 at Hotel Fern, Jaipur.
- A visit of M.Tech, RE students to Wind World India Ltd., Tinwari Jodhpur wind farm on 28/10/2014.
- A visit of M.Tech, RE students to Rajasthan Electronics & Instrument Limited (REIL) on 04/11/2014.
- A training session was organized by Mr. Sachin Bhandare on Meteodyn WT software is basically used for CFD Modeling of Wind Flow for All Kind of Terrain to Evaluate Wind Resource Assessment on 08/11/2014 at Computer Lab 2.
- Visit of Mr. Charlie Curcija from Lawrence Berkeley National Laboratory and Mr. Mahveer Bhandari from Oak Ridge National Laboratory from 18/11/2014 to 19/11/2014 at Centre for Energy and Environment, MNIT Jaipur.
- An invited talk by Dr. Anurag Ateet Gupta, Ex-Executive Director, IOCL on “Reduction techniques for Green House Gases emission” was organized at Centre for Energy & Environment on January 13, 2015. Dr. Gupta covered various dimensions of carbon capture and storage and India’s positioning in climate change negotiations.
- An invited talk by Dr. Essam Khalil, Professor in Mechanical Engineering, Cairo University, Egypt, on “Energy Performance of Buildings” was organized at Central Computer Centre, Design Centre Building on January 15, 2015. Dr. Khalil explained international developments in this area including policy framing for built environment under ISO.
- A workshop was conducted by Mr. Rahul Aeron, National Sales Manager, DRI on “Selection of Heat Recovery Wheel and Energy efficiency calculations” at Design Centre Building on February 6, 2015. Mr. Aeron described industrial practices of selection of such products through theory and practice.
- Two days training program on “Environment Clearance on Infrastructure Project” was organized by Centre for Energy & Environment in association with IL&FS Academy, Mumbai on February 13-14, 2015 at Guest House. 25 participants from industry, consultancy organizations, financial institutions, and government sector participated in the event. Prof. Prasad Modak, IIT Bombay, and Dr. Sanjay Mathur, MNIT Jaipur were the main resource persons in this event.
- Students of Mechanical Engineering Department and Centre for Energy & Environment visited factory and R&D Centre of Desiccant Rotors India Ltd., Gurgaon on February 14, 2015. They saw the fabrication and testing facility of heat recovery wheels in this visit.

Equipments available in the Centre:

S. No.	Name of Equipment/software	Quantity	Date of Acquisition	Actual cost	Remark
1	Radiant Cooling System	1 Nos	10/04/2014	1113193.00	CBERD grant
2	CO ₂ Analyzer	1 Nos	10/04/2014	477450.00	
3	Power Quality Analyzer	1 Nos	10/04/2014	422000.00	
4	Remote Display counter	1Nos		31449	
5	Digital Manifold	1 Nos	22/09/2014	19800.00	
6	Single-Ended Multiplexer Module for 34970A, 40 Channel	1 Nos	24/09/2014	41808.00	

7	Design Builder Software	50 License	27/06/2014	161600.00	MNIT grant
8	WASP Software	10 License	26/06/2014	307500.00	
9	Educational Version LCA SimaPro 8 PhD with database and features	2 License	06/02/2015	1152814.00	
10	Class room multi user permanent Licence Simpro 8	1 License			
11	LXI Data Acquisition Switch unit with LAN	1	27/09/2014		
12	1 kWp mobile solar power generating system	1	05.07.14	264000.00	MNRE grant
13	Air velocity sensor	2	18/07/2014	99461.00	Energy Resource Centre

Proposed Equipments for next phase:

S. No.	Equipment	Make	Quantity	Approx. Cost (INR)
1	RH Sensor	HOBO	15	153557.00
2	Weather Station	Virtual	1	250000.00
3	Software for Ultrasonic Hand Held Flow Meter		1	45535.00
4	Solar Inverter (3 Phase, 3.7 kW)		1	63000.00
5	Psychrometric Test and Research Facility for Air cooled / Liquid cooled type chillers & air conditioners(Heating and Cooling) up to 10TR and fans upto5000cfm at MNIT Jaipur		1	25000000.00
6	Work Station		1	100000.00
7	scSTREAM Software	Cradle	5	163525.00
8	Air Velocity sensor (Hot bulb probe) compatible with Testo-480 Model		2	110000.00
9	Radiant Heat temperature sensor (Globe probe Ø 150mm, TC Type K) compatible with Testo-480 Model		1	65000.00
10	Solar PV Emulator	Ecosense	1	485000.00
11	Solar PV Grid Tied Training System	Ecosense	1	340750.00
12	Wind energy training system	Ecosense	1	450750.00
13	Wind Emulator	Ecosense	1	535000.00
14	Solar Concentrator Training System (Parabolic Trough Collector Based System)	Ecosense	1	437250.00
15	Thermal Energy Storage system	Ecosense	1	650000.00

5.5 CENTRE FOR DEVELOPMENT OF STONE

To encourage research in the stone sector, Centre for Development of Stones (CDOS) established a Stone Research Chair at MNIT Jaipur. Prof. Ravindra Nagar is presently looking after the activities of the chair as coordinator.

The possible research areas identified were:-

- (1) Mine Productivity and safety
- (2) Physical, Mechanical and Thermo characterization of stone properties for promoting usage of stones as a sustainable green building material especially for various structural applications.
- (3) Study of Morphology of various stones with a view to develop appropriate cost effective and suitable tool and machine development for mining and processing of different varieties of stones.
- (4) Stone conservation and restoration.
- (5) Standardization of Indian natural stones for structural applications.
- (6) Gainful utilization of stone waste generated during mining and processing.
- (7) Reclamation of exploited land/ mines by way of promoting urbanization, developing fisheries, artificial reservoirs and reestablishment of drainage system etc.

Present Status:

Presently seven research projects (PhD) and four research projects (M.Tech.) are underway. The list of research projects is given in the table. The chair actively engages with the stone industry and academic institutions, research centres globally. Research is carried out at Malaviya National Institute of Technology that has state of the art Material Research Center, Center for Tribology, Machine center and Concrete and Road material testing laboratories.

Future Research Areas:

Future research shall include, development of machine tools and cutting technologies, energy conservation in stone mining and processing industries, utilization of stone mining and cutting wastes in concrete, flexible pavements, tiles, bricks, hollow blocks, paver blocks and other building products with a long term view of making stone industry a zero waste industry.

S. No.	Title of research work	Research Scholar	Faculty Coordinator
1	Strength and Durability Studies on Concrete Containing Granite Cutting Waste as Partial Replacement of Sand	Sarabjeet Singh	Prof. Ravindra Nagar Dr. Vinay Agarwal
2	Mechanical and durability studies on Concrete Containing Kota-stone Waste	Aditya Rana	Dr. Pawan Kalla
3	Study of morphology and physical, mechanical & thermal properties of various marbles with a view to optimize their cutting and machining parameters	Bhargav Prajwal Pathri	Dr. Harlal Mali Prof. Ravindra Nagar
4	Design and Fabrication of Marble Dust Filled Metal Alloy Composites for Single Row Deep Groove Ball Bearing	Swati Gangwar	Prof. I. K. Bhat Dr. Amar Patnaik
5	Design and development of multilayered surface coating on Granite dust filled metal alloy composites for hydraulic turbine blade	Vikash Gautam	Prof. I. K. Bhat Dr. Amar Patnaik
6	Design, Development & Performance Assessment of Dental Wear Application	Shiv Ranjan Kumar	Prof. I. K. Bhat Dr. Amar Patnaik
7	Wear and Fracture Characteristics of Stone Dust Filled Polymer Composite for Wind Turbine Blade	Manoj Janardan Pawar	Dr. Amar Patnaik Prof. Ravindra Nagar

Research Publication in International Journal

1. Shiv Ranjan Kumar, Amar Patnaik, I K Bhat. (2015). Analysis of polymerization shrinkage and thermo-mechanical characterizations of resin-based dental composite reinforced with silane modified nanosilica filler particle. Journal of Materials: Design and Applications DOI: 10.1177/1464420715581003. I.F= 0.746
2. Shiv Ranjan Kumar, Amar Patnaik, I K Bhat. (2015). Physical and thermo-mechanical characterizations of resin-based dental composite reinforced with silane-modified nanoalumina filler particle, Journal of Materials: Design and Applications DOI: 10.1177/1464420715581004. I.F= 0.746.
3. Shiv Ranjan Kumar, Amar Patnaik, I K Bhat. (2015). Novel dental composite material reinforced with silane functionalized micro-sized Gypsum filler particles, Polymer Composites .DOI: 10.1002/pc.23599. I.F= 1.455.
4. M. J. Pawar, Amar Patnaik, Ravindra Nagar. (2015). Investigation on mechanical and thermo-mechanical properties of granite powder filled treated jute fiber reinforced epoxy composite. Polymer Composites DOI: 10.1002/pc.23633. I.F= 1.455.
5. Vikash Gautam, Amar Patnaik, I K Bhat. (2015). Thermo-mechanical and Fracture characterization of uncoated, single and multilayer (SiN/CrN) coating on granite powder filled metal alloy composites, Silicon, DOI: 10.1007/s12633-015-9318-3. IF = 1.069.
6. M. J. Pawar, Amar Patnaik, Ravindra Nagar. Experimental investigation and numerical simulation of granite powder filled polymer composites for wind turbine blade: A comparative analysis, Polymer composite DOI 10.1002/pc.23700. I.F= 1.455.

Patent filed

S. No.	Title of Patent	Inventors	Patent Application Number
1	Fabrication of polymeric dental composites by adding new filler Gypsum	Shiv Ranjan Kumar Dr. Amar Patnaik Prof. I.K. Bhat	1321/DEL/2015
2	Marble dust reinforced copper alloy composite fabrication	Swati Gangwar Dr. Amar Patnaik Prof. I.K. Bhat	1319/DEL/2015
3	Granite powder reinforced hydraulic turbine blades	Vikash Gautam Dr. Amar Patnaik Prof. I.K. Bhat	1320/DEL/2015
4	Erosion wear resistant polymer composite laminate filled with granite powder waste	M. J. Pawar Dr. Amar Patnaik Prof. Ravindra Nagar	1322/DEL/2015

5.6 NATIONAL CENTRE FOR DISASTER MITIGATION AND MANAGEMENT

National Centre for Disaster Mitigation and Management is an "Academic Center" in the Institute as established by the Board of Governors. The mission of the Center is to work for disaster mitigation and management in general and earthquake disaster in particular. The activities of the center include experimental and analytical Research & Development and outreach (i.e. training) for both academic as well as practitioners. Presently the center has ten adjunct faculty members with Ph. D degrees in relevant disciplines such as earthquake engineering, management, instrumentation etc. The Centre has a full time Masters program in M. Tech in Earthquake Engineering and two Ph. D. students.

As of now the center has an Earthquake Engineering laboratory which has a microprocessor controlled electro-dynamics shaker with 400 kg force rating and 150 kg payload and various shaking systems and building models meant for conceptual understanding.

The center aims to work as national facility for undertaking experimental and analytical Research & Development related to the earthquake safety of the built environment in India, with special emphasis on Housing, Schools and Infrastructure development across the country besides other fields of disaster management. The center has the mentorship/support of internationally acclaimed persons in the field, which includes, Prof. C. V. R. Murty, IIT Madras (now Director, IIT Jodhpur), Prof. T. K. Datta, IIT Delhi and Ms Alpa Seth, former Seismic Advisor to Gujarat State Disaster Management Authority (GSDMA) etc.

5.7 MATERIALS RESEARCH CENTRE

The Material Research centre envisions emerging as research intensive centre for interdisciplinary research in frontiers of Materials techno. It further envisions creation and maintenance of appropriate ambience entailing research in drives for development of appropriate materials technology. The center aims at fostering the growth of demanding technology of the day vis-à-vis creation of new knowledge pertaining to meaningful industry-institution interaction for invention & being a centre innovation on materials science and technology, it contemplates thriving for excellence knowledge creation & dissemination for useful economic activities beside creation of new generation scientist resources of the country to take the load sole in mastering the technology development activities across the globe. The Materials Research Centre of MNIT will continue hybridization of newer and newer facilities of science and engineering in order that a true culture of cooperative and participative activities in material science and technology emblem the birth of the real sense interdisciplinary entity.

List of Equipments installed

S. No.	Name of Equipment
1.	High Resolution Transmission Electron Microscope
2.	Field Emission Scanning Electron Microscope
3.	Scanning Probe Microscope/Atomic Force Microscope
4.	X-Ray Diffractometer
5.	Mass Spectrometer
6.	Nuclear Magnetic Resonance Spectrometer
7.	GDS Glow Discharge Spectrometer
8.	Fourier Transform Infra-Red
9.	Fluorescence Spectrophotometer
10.	UV Visible (NIR) Spectrometer
11.	Dynamic Mechanical Analyzer
12.	Differential Thermal Analyzer Thermo gravimetric Analyzer
13.	Thermal Chemical Vapour Deposition system
14.	RF-DC Sputtering
15.	Electron Beam Vacuum Coating Unit
16.	Ball Milling
17.	Specimen Preparation for optical and electron microscopy
18.	Semiconductor Device Analyzer and Function Generator

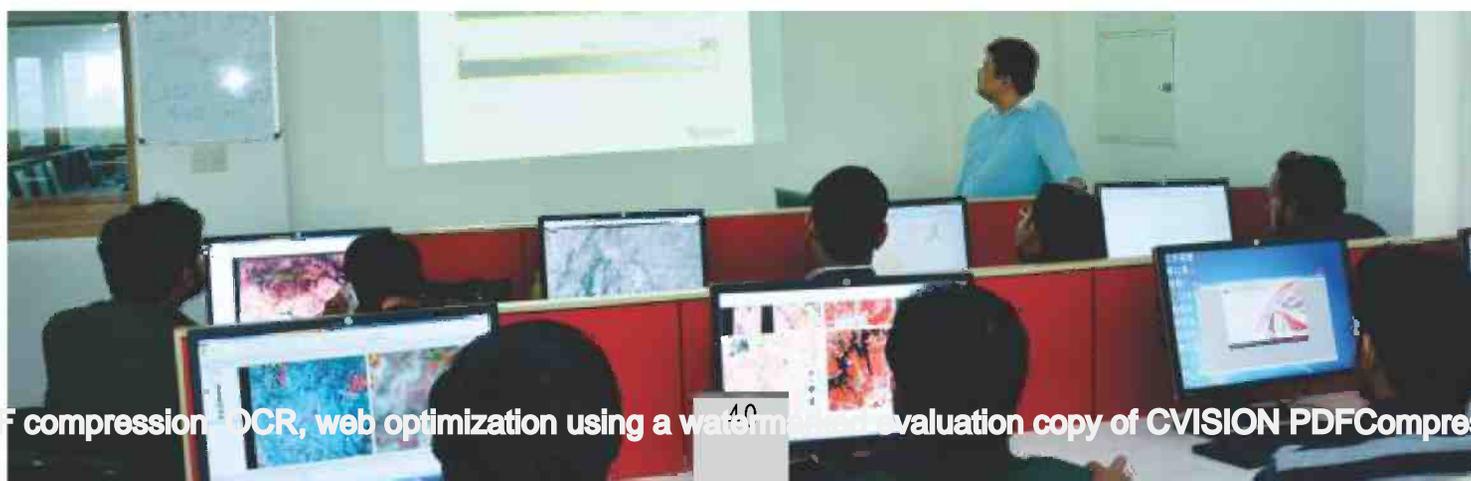


19.	COMSOL Software
20.	Microwave Reactor
21.	Spin Coater
22.	De- Ionized Water Plant
23.	Zeta Potential & Nano Partical Analyzer
24.	Impedance Analyzer
25.	Confocal Raman with PL
26.	Optical Microscope
27.	Probe Station
28.	Micro Hardness Tester

Internal/External Usage of Equipments

Year 2014			
S. No	Month	Internal Amount	External Amount
1.	January	12100.00	0.00
2.	February	58650.00	24000.00
3.	March	26050.00	18000.00
4.	April	30280.00	81100.00
5.	May	70930.00	24770.00
6.	June	45840.00	29250.00
7.	July	0.00	29375.00
8.	August	0.00	105130.00
9.	September	0.00	64880.00
10.	October	0.00	86035.00
11.	November	0.00	36650.00
12.	December	0.00	36360.00
	Total Amount	2,43,850.00	5,35,550.00

Year 2015			
S. No	Month	Internal Amount	External Amount
1.	January	0.00	68260.00
2.	February	0.00	88770.00
3.	March	0.00	78900.00
4.	April	82725.00	82250.00
5.	May	38500.00	82970.00
6.	June	72835.00	67350.00
7.	July	43575.00	85340.00
	Total Amount	2,37,635.00	5,53,840.00



Invited Lecture/Workshop/Symposium/Refresher course organized by MRC

S. No	Title	Speaker/s
1	Presentation on Chemistry Software's related to NMR instrument	Mr. Anindya Ghoshal (Marketing manager), and Ms. Priyanka from SCUBE Scientific Software Solution (P) Ltd. New Delhi.
2.	Technological Progress in Pulsed Laser Deposition (Seminar)	Dr. Burkhard Fechner, Coherent GmbH, Goettingen, Germany
3	Materials for clean energy	Prof. Jerzy A. Szpunar, Professor of Mechanical Engineering & Canada Research Chair of Advanced Materials for Clean Energy, University of Sasketchwan
4	Application of Nanotechnology in Current Scenario	Short Term Course
5	Short Term Course on Emerging technologies : Electronics devices & materials	Short Term Course
6	International Symposium on Frontier Materials	Dr. Kuei-Hsien Chen Dr. Li- Chyong Dr. O N Mohanty Prof. S K Sharma Prof. M Mukherjee Prof. M K Banerjee
7	Lecture	Sri P.K.Thukaram
8	MNIT-Usask Workshop	Characterization Technique for High Performance Materials
9	STTP	Building Materials Characterization and Testing

5.8 CENTER FOR ADVANCE DESIGN

Center for Advanced Design is aimed at promoting inter disciplinary research and to provide a platform to students to work together with hands on exposure in bringing up latest technological innovations. Center is equipped state of art Design and Simulation tools which gives a first-hand experience to young and novice engineers to use the advanced simulation and design tools to use it to their advantage. The state of art facilities enables to take through from bird's eye view of the initial design to the complete detailed analysis of the design. Some of the focused areas are of the Finite Element Based Design Optimisation through Altair Optistruct, Advanced FE analysis such as Multi Body Simulation, Crash Simulations using Radioss and other different solvers. Advanced Meshing techniques to perform full 3D simulations.

Several Workshops and Design Challenges have been conducted to encourage among students Inter-Disciplinary Team working and focus oriented approach. As a result of the first round of Proto-builder Design challenge, we are able to nurture the innovative thinking process of young minds and the center plans to take it to next level by supporting the best ideas that have a potential of commercial/social value. Inter NIT Design competition is planned to bring together some of the best minds and provide a platform for bringing out the innovations.

Details of workshops/design challenges held in past are as follows:

PROTOBUILDER DESIGN CHALLENGE:

A Design competition was organized to promote the Interdisciplinary research. The event was conducted in four stages and a total of 14 Teams (each team with 3 Members minimum with at least one member from other discipline) had participated in the event.

Following Platform Workshops were conducted as a part of the event:

1. Workshop on Hyperworks- Solid Think INSPIRE and Hypermesh
2. Workshop on Hypermesh- Radioss, Optistruct

ELECTRIC SOLAR VEHICLE DESIGN CHALLENGE

Students from Mechanical Engineering, Electrical Engineering, Civil Engineering, Electronics Engineering participated in a National Level "ESVC DESIGN CHALLENGE" and Fabricated an Electric Solar Vehicle. The concept design and Finite Element Analysis was done using Hyperworks, Hypermesh and Autodesk Inventor Software.

Several other student workshops on different platforms that were conducted are listed as below :

Workshop on structural optimization using Altair optistruct Mechanical/Civil

Workshop on design styling using inspire solid thinking Mechanical/Civil/Arch

Workshop on electronics design using Hyperworks Mechanical/ Electronics/Electrical

Workshop on Multibody dynamics & Design Optimization Mechanical /Civil

5.9 ADVANCED RESEARCH CENTRE FOR TRIBOLOGY

Advance Tribology Lab is one of the finest laboratories in the MNIT Jaipur. This lab is equipped with state of art testing facilities in the area of friction, wear and lubrication and such facility is not available in the Rajasthan state as well as other academic Institutes in India at a place. The Advance Tribology Laboratory in the Mechanical Engineering Department at MNIT Jaipur is actively involved in a wide variety of tribological research and tribology education. The laboratory conducts studies, primarily, in investigating the friction and wear of different kinds of materials. The research goals are to engineer and design materials that have improved wear resistance - enables components made of these materials to last longer, reduced friction coefficient - which saves energy, improves efficiency, and generally results in smoother operation, and can survive extreme environments-temperatures above 350 °C and below -40 °C and many others. One of the new and exciting areas of research that our lab is conducting is wear characteristics of stone dust filled composite materials.

The research focus of the centre is on the interfacial interactions of matrix material with reinforcement. Presently research are covering most of the automobile components and Industrial products applications such as automobile (piston ring/cylinder, bearings, valve seats, injectors, brake pad, etc), Energy (wind turbine, hydraulic turbine, solar energy etc.), aerospace, Bio-tribology (biomaterials, dental material, total hip replacement, medical equipments, prosthetic materials etc), Coating material for thin film (single, multilayer, nano and micro coating), Military (Armour Vehicle, Gun barrel etc.), Lubricant, food processing units, shoes material development, nanomaterials application etc. Along with above facilities this centre is also equipped with advanced casting equipments. We bring fundamental understanding to existing processes and developing new materials. The laboratory provides full-service fabrication facilities producing high quality metal, ceramics and plastic components used in various applications. It also presents knowledge-based technologies that aim to follow the way to transform the conventional (batch-by-batch) casting process into a flexible (mold-by-mold) process. The laboratory conducts interdisciplinary research and education to advance commercial casting practice. Strong emphasis is placed on the education of students and industry partners.

Beneficiary Industries

1. Automobile Industry
2. Bearing Industry
3. Friction Material Industry
4. Piping industry
5. Hydraulic pump industry
6. Dental prosthesis industry
7. Hydraulic turbine industry
8. Plastic industry
9. Composite fabrication industry
10. Metal casting industry
11. Biomedical industry
12. Powder technology industry
13. Automobile industries
14. Wind energy



Tribology Equipments

S. No.	Name of Equipment	Price (INR)
1.	Sliding wear or pin-on-disc	4,35,100
2.	Three body abrasive wear tester	3,26,325
3.	Pin on Disc Tribometer	32,28,900
4.	Ring on plate wear Tribometer	19,35,050
5.	Reciprocating friction monitor	10,87,750
6.	Low temperature torque tribometer	19,23,600
7.	Slurry jet erosion tribometer	15,40,025
8.	Slurry Abrasion Tester	3,32,050
9.	Slurry Erosion Tester	4,35,100
10.	Multispecimen Tester	42,59,400
11.	Linear Reciprocating Tribometer	12,02,250
12.	Air Jet Erosion Test Rig	6,08,000
13.	Scratch Tester	25,15,000
14.	Chase Friction Testing Machine	26,10,000
15.	Dental Wear Simulator	34,90,000

Advance Casting Equipments

S. No.	Name of Equipment	Price (INR)
1.	High precision weighing Machine	36,613
2.	Weighing machine	9,694
3.	Induction furnace	5,36,815
4.	Three Beaker Rhodium Plant	43,423
5.	Sand Siever	51,965
6.	High Temperature Vacuum Casting Machine	19,42,500
7.	Metal Cutting Machine	2,10,000
8.	Sonicator	3,40,742
9.	Thermal conductivity analyzer	17,56,245
10.	Investment Mixture	3,11,045
11.	Dust Collector Polishing Machine	68,250
12.	Burnout furnace	68,535
13.	Water Chiller	78,750
14.	Hot Disc Thermal Constant Analyser	20,730 (EUR)
15.	Corrosion Testing Appratus	15,970 (EUR)
16.	Injection Molding Machine	55,000 (EUR)
17.	Twin Screw Extruder	USD 1,13,243.64
18.	Compression Moulding Machine	USD 89,206.36

5.10 INSTITUTE- INDUSTRY COLLABORATION

Entrepreneurship Development Cell

1. One Faculty Development Programme was conducted during 8 – 19th December, 2014.
2. Entrepreneurship Awareness camp: Nine awareness camps have been organized so far at MNIT and other S&T institutes in Rajasthan
3. Interaction Programme

S. No.	Activity	Activity
1	Elevator pitch for members	15 January 2014
2	Invited talks by Mr. Priyank Sanghvi and Mr. Amit Ranjan were successful entrepreneurs	12th of March 2014

4. One Day Spontania Event was organized on 30/10/2014. Students from MNIT participate in this event.
5. Start Up Saturday was organized by ED Cell MNIT in association with Start Up oasis, the event of its kind in pink city. It aimed at bringing new generation entrepreneurs together and giving them a platform to interact and discuss new age ventures. Students and budding entrepreneurs from more than 10 colleges participated in this event. This event was organized on 09/08/2014
6. Orientation Programme for first year UG and PG students was organized in the month of August 2014. Three budding entrepreneurs from second and third year BE in MNIT were awarded with a memento in this event.
7. A smash up event was organized on 5-6 November 2014: Entrepreneurship Development Cell MNIT organised Pre Smashup event at the on 5th and 6th November. Industry delegates; entrepreneurs participated as mentors/ judges. 16 teams participated which came from all over Rajasthan from colleges like BITS Pilani, IIT Jodhpur and 3 teams from MNIT, Jaipur. These teams were shortlisted from an event previously held at colleges all over Rajasthan including MNIT Jaipur. 10 teams were to be selected from the event which would participate at the national level of the TIE B Plan competition. The event started in the evening 5th and continued overnight till 6th evening round the clock.
8. A two week Faculty Development Program from 8th Dec -19th Dec 2014 was organised by Entrepreneurship Development Cell, MNIT Jaipur with support of National Science & Technology Entrepreneurship Development Board (NSTEDB), DST, GOI. Prof. A. Bharadwaj, chief coordinator & Prof. G.S. Dangayach, coordinator for the event, in their inaugural address shared the importance of educational institution in developing entrepreneurship. They narrated how MNIT is playing an important role in giving support to institutions in Jaipur in establishing & nurturing entrepreneurship among students. The programme had 20 participants from various engineering colleges in and around Jaipur. Participants learnt insights about nurturing entrepreneurship in the younger generation by various experts from academia and industries. Various experts from corporate and academia gave insights into the whole gamut of entrepreneurship right from traits, competencies of entrepreneurship, training, role of support agencies, market survey, preparing business plan, venture capital & marketing in small businesses. FDP also included an industrial visit to Manu Yantralya at Sitapura, Jaipur. The participants also interacted with first generation successful entrepreneurs, Mr. Ajay Gupta and Mr. Y.K. Gupta. The programme was concluded with the presentation by participants about their learning, curriculum development for entrepreneurship, feedback about the programme and distribution of certificates to participants.
9. ED Cell organized a Business Quiz Competition on 16/04/2015 for students of MNIT Jaipur. It received an overwhelming response, 55 teams of 2 students each participated in the quiz competition comprising of two rounds. Six teams out of 55 teams qualified for final round through conducted as a written test. Second rounds comprised of various flash/ pictorial and buzzer round.

MNIT Jaipur is running a one semester course on "Entrepreneurship Development". This course was started in the year 2014 by Mr. Baljinder Sharma an MNIT alumni & Entrepreneur from Mauritius providing the support in arranging the lectures & coordinating with entrepreneurs/ angle investors/ venture capitalist for guiding the students. Prof. Awadhesh Bharadwaj and Dr. Monica Sharma from MNIT, Jaipur coordinate the course from MNIT side. Looking at the success of the course, this year the course has been floated as a two semesters/ one year course.

5.11 RAJBHASHA CELL

The Rajbhasha cell organized following activities during the year. Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Srī arāḥḥā ra i`ng	A {l b ^ raVr` arā^ rī m g ḡ rō*	J rV_ {díd{dÚrb` , J rḡ rZJ an[ag a, {dēn mī rZJ	_ mamà ṃg ḡ O` n w	22-23 _ B@2014
2.	Srī Á` ṃV Orē r	A {l b ^ raVr` arā^ rī m g ḡ rō*	J rV_ {díd{dÚrb` , J rḡ rZJ an[ag a, {dēn mī rZJ	_ mamà ṃg ḡ O` n w	22-23 _ B@2014
3.	Srī e wḡ Cnṃ` m	A {l b ^ raVr` arā^ rī m g ḡ rō*	J rV_ {díd{dÚrb` , J rḡ rZJ an[ag a, {dēn mī rZJ	_ mamà ṃg ḡ O` n w	22-23 _ B@2014

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Srī arāḥḥā ra i`ng , Srī Á` ṃV Orē r, Srī Hḡc re ḡ ḡ h, Srī arāḥḥā ra Orē r, I r A e ḡ ḡ ḡ m	g h A ṃm̄ @ g hm̄ H\$A ṃm̄ @ Ed ḡ ḡ hm̄ H\$ (Eg .Or.-I)	{hYXr n l d m Sṃ 2014- CXK rōZ g _ ra rō	_ mam à ṃg ḡ O` n w	{g Vā~ a 12,2014	_ mamà ṃg ḡ O` n w
2.	Srī arāḥḥā ra i`ng , Srī Hḡc re ḡ ḡ h, I r Xn ḡ ḡ h, Ed ḡ I r A e ḡ ḡ ḡ m	g h A ṃm̄ @ g hm̄ H\$A ṃm̄ @ Ed ḡ ḡ n ṃWH\$re ` ṃj` Ed ḡ ḡ hm̄ H\$ (Eg .Or.-I)	{hYXr {Xdg na H\$ṃ` n rḡ > à {V` ṃḡ Vm	_ mam à ṃg ḡ O` n w	{g Vā~ a 14,2014	_ mamà ṃg ḡ O` n w
3.	Srī arāḥḥā ra i`ng , Srī Hḡc re ḡ ḡ h Ed ḡ Srī arāḥḥā ra Orē r	g h A ṃm̄ @ Ed ḡ ḡ hm̄ H\$	A re w rī U à {V` ṃḡ Vm	_ mam à ṃg ḡ O` n w	{g Vā~ a 15,2014	_ mamà ṃg ḡ O` n w
4.	Srī Z w ḡ QZ Ed ḡ I r A e ḡ ḡ ḡ m	g h A ṃm̄ @ Ed ḡ ḡ hm̄ H\$ (Eg .Or.-I)	{hYXr {Z~Y Y c b Z à {V` ṃḡ Vm (O` n w H\$ ḡ h ṃd Úrb` H\$ {d Ú ṃW@ṃH\$ {c E)	_ mam à ṃg ḡ O` n w	{g Vā~ a 17,2014	_ mamà ṃg ḡ O` n w
5.	Srī arāḥḥā ra i`ng , Srī Á` ṃV Orē r, Srī Hḡc re ḡ ḡ h, Srī arāḥḥā ra Orē r, Srī g w Z arḡ ḡ S>Ed ḡ I r A e ḡ ḡ ḡ m	g h A ṃm̄ @ g hm̄ H\$A ṃm̄ @ Ed ḡ ḡ hm̄ H\$ a {OñCra, g hm̄ H\$ (Eg .Or.-I)	{hYXr _ ṃl H\$ à i Z rō rar	_ mam à ṃg ḡ O` n w	{g Vā~ a 19,2014	_ mamà ṃg ḡ O` n w

6.	Sr̄ar̄n̄d̄ H̄r̄ā i`rg , Sr̄ar̄ H̄r̄c̄ r̄ē q̄ h̄ Ed̄ § Sr̄ar̄ ḡ r̄V̄m̄i`rg (b̄ K̄v̄z̄ r̄q̄H̄r̄), Sr̄ar̄an̄d̄ H̄r̄ā Ōn̄ē r̄ Ed̄ § r̄Ā ē § ž̄m	ḡ h̄ Ā n̄M̄m̄ © Ā n̄M̄m̄ ©ḡ h̄m̄ H̄r̄ Ā n̄M̄m̄ ©Ed̄ § ḡ h̄m̄ H̄r̄ (Eḡ .Or̄.-I)	{h̄ȲX̄r̄ d̄r̄X̄- {d̄d̄r̄X̄ à {V̄` n̄Ū V̄m̄Ed̄ § {h̄ȲX̄r̄ c̄ K̄v̄z̄ r̄q̄H̄r̄m̄	_mam̄ à̄ m̄ḡ § O`n̄w̄	{ḡ V̄ã~ a 20, 2014	_mam̄à̄ m̄ḡ § O`n̄w̄
7.	Sr̄ar̄an̄d̄ H̄r̄ā i`rg , Sr̄ar̄ H̄r̄c̄ r̄ē q̄ h̄ Sr̄ar̄an̄d̄ H̄r̄ā Ōn̄ē r̄ Ed̄ §Sr̄ar̄ {d̄Z̄n̄ã̄ H̄r̄ā	ḡ h̄ Ā n̄M̄m̄ © ḡ h̄m̄ H̄r̄Ā n̄M̄m̄ ©	V̄H̄Z̄r̄H̄r̄s̄ {d̄f`r̄h̄ n̄ā {h̄ȲX̄r̄ ^r̄īŪ	_mam̄ à̄ m̄ḡ § O`n̄w̄	{ḡ V̄ã~ a 22, 2014	_mam̄à̄ m̄ḡ § O`n̄w̄
8.	Sr̄ar̄an̄d̄ H̄r̄ā i`rg , Sr̄ar̄ Á` n̄V̄ Ōn̄ē r̄, Sr̄ar̄ H̄r̄c̄ r̄ē q̄ h̄, Sr̄ar̄an̄d̄ H̄r̄ā Ōn̄ē r̄Ed̄ § l̄r̄Ā §v̄ḡ § ž̄m	ḡ h̄ Ā n̄M̄m̄ © ḡ h̄m̄ H̄r̄Ā n̄M̄m̄ © Ed̄ §ḡ h̄m̄ H̄r̄ (Eḡ .Or̄.-I)	{h̄ȲX̄r̄ n̄l̄ d̄r̄s̄m̄ 2014- n̄w̄n̄H̄r̄ā {d̄V̄āŪ Ed̄ § ḡ _m̄Z̄ ḡ _r̄ar̄b̄	_mam̄ à̄ m̄ḡ § O`n̄w̄	{ḡ V̄ã~ a 26, 2014	_mam̄à̄ m̄ḡ § O`n̄w̄

Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Xd̄ {f̄ @̄H̄r̄ã̄ n̄V̄ ēm̄l̄r̄	{d̄ »` n̄v̄ ^r̄īm̄ {d̄k̄ r̄ã̄r̄ Ed̄ § ^Ȳn̄d̄ © {Z̄X̄ē H̄r̄, ^r̄īm̄ Ed̄ §n̄w̄H̄r̄s̄b̄` {d̄ ^r̄d̄ , ar̄n̄W̄r̄ã̄	{h̄ȲX̄r̄ n̄l̄ d̄r̄s̄m̄ C̄X̄K̄r̄ã̄z̄ i`m̄`r̄ã̄	12 {ḡ V̄ã~ a, 2014	_mam̄à̄ m̄ḡ § O`n̄w̄
2.	Sr̄ar̄ h̄w̄ r̄āÚ̄r̄n̄d̄	à {ḡ Ȫ ḡ r̄h̄Ē H̄r̄ā Ed̄ § ^Ȳn̄d̄ © i`m̄` n̄w̄m̄ C̄ĀM̄ {ēj̄ m̄{d̄ ^r̄d̄ , ar̄n̄W̄r̄ã̄	{h̄ȲX̄r̄ n̄l̄ d̄r̄s̄m̄ ḡ _m̄Z̄ i`m̄`r̄ã̄	26 {ḡ V̄ã~ a, 2014	_mam̄à̄ m̄ḡ § O`n̄w̄

Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Xd̄ {f̄ @̄H̄r̄ã̄ n̄V̄ ēm̄l̄r̄	à {ḡ Ȫ ^r̄īm̄ {d̄ē b̄k̄	^Ȳn̄d̄ ©Z̄X̄ē H̄r̄, ^r̄īm̄ Ed̄ §n̄w̄H̄r̄s̄b̄` {d̄ ^r̄d̄ , ar̄n̄W̄r̄ã̄	_w` A {V̄{W, q̄h̄X̄r̄ n̄l̄ d̄m̄ S̄r̄m̄C̄X̄K̄r̄ã̄z̄ ḡ _r̄ar̄b̄, 2014	12 {ḡ V̄ã~ a 2014	_mam̄à̄ m̄ḡ § O`n̄w̄
2.	Sr̄ar̄ h̄w̄ r̄āÚ̄r̄n̄d̄	à {ḡ Ȫ ḡ {h̄Ē H̄r̄ā	^Ȳn̄d̄ ©`m̄` n̄w̄m̄ C̄ĀM̄ {ēj̄ m̄{d̄ ^r̄d̄ , ar̄n̄W̄r̄ã̄	_w` A {V̄{W, q̄h̄X̄r̄ n̄l̄ d̄m̄ S̄r̄m̄ḡ _m̄Z̄ ḡ _r̄ar̄b̄, 2014	26 {ḡ V̄ã~ a 2014	_mam̄à̄ m̄ḡ § O`n̄w̄



5.12 INTERNAL COMPLAINT COMMITTEE (WOMEN'S CELL)

The constitution of Internal Complaint Committee (Women's Cell) as per Act 2013 on Sexual Harassment of Women at Workplace is as under:

- | | | |
|----|---|-------------------|
| 1. | Dr. Rashmi Jain
Professor, Mathematics Dept.
MNIT Jaipur | Presiding Officer |
| 2. | Prof. M.C. Govil
Professor, Computer Science & Engineering | Member |
| 3. | Dr. Nupur Tandon
Associate Professor, Humanities Dept.
MNIT Jaipur | Member |
| 4. | Dr. Kanupriya Sachdev
Associate Professor, Physics Dept.
MNIT Jaipur | Member |
| 5. | Dr. Dinesh Goplani
Assistant Professor, Computer Science & Engineering | Member |
| 6. | Prof. Paw an Surana
Member NGO, RUWA, Jaipur | Member |
| 7. | Dr. Suman Rathore
Assistant Registrar,
MNIT Jaipur | Member |
| 8. | Girl Student Representative from PG programme (if required)
Registrar assists the committee in discharging the function. | |

Activity conducted by Women's Cell:

The Women's Cell regularly conduct workshop to train both male and female students to feel safe and report such instance, if any. One workshop was conducted on April 11, 2014 on the topic 'Self-Empowerment: Coping with Workplace Harassment'.

Faculty members of respective departments have been assigned to act as mentors for M.Tech. / Ph.D. female students. They conduct monthly counselling-cum-interactive sessions of respective groups of female students.

6. THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 BOARD OF GOVERNORS

S. No.	Nomination under	Name and Designation of nominated persons	Serve as
1.	Section 11 Clause (a)	Prof.K.K.Aggarwal, Chancellor-Lingayas University, Faridabad and Former Vice Chancellor-GGS Indraprastha University, Delhi	Chairman
2.	(b)	Prof.I.K.Bhat, Director, MNIT, Jaipur	Ex-Officio Member
3.	(c)	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi	Member
4.	(c)	The Financial Advisor Government of India, MHRD, Dept of Higher Education, New Delhi	Member
5.	(d)	Member to be nominated by State Govt.	Member
6.	(d)	Member to be nominated by State Govt.	Member
7.	(e)	Prof. Surendra Prasad, Director, IIT, Delhi	Member
8.	(e)	Prof. Shobhana Narsimhan, professor & Chairperson, Theoretical Science Unit, Bangalore	Member
9.	(f)	Prof. Ashok Sharma, Met. & Mat Engg. Dept., MNIT, Jaipur	Member
10.	(f)	Dr. Awdhesh Bhardwaj, Mechanical Engg. Dept., MNIT, Jaipur	Member
11.	Section 18 Clause (2)	Shri Manish Jindal/ Prof. M.K. Shrimali, Registrar, MNIT, Jaipur	Secretary

6.2 FINANCE COMMITTEE

S. No.	Name and Designation of nominated persons	Serve as
1	Prof.K.K.Aggarwal, Chancellor-Lingayas University, Faridabad and Former Vice Chancellor-GGS Indraprastha University, Delhi	Chairman
2	Prof.I.K.Bhat, Director, MNIT, Jaipur	Ex-Officio Member
3	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi	Member
4	Two persons nominated by the Board amongst the members	Member
5	Registrar, MNIT, Jaipur.	Ex-officio Member Secretary

6.3 BUILDING & WORKS COMMITTEE

S. No.	Name and Designation of nominated persons	Serve as
1	Prof. I.K. Bhat, Chairman, BWC MNIT Jaipur, JLN Marg,, Jaipur 302017	Director, Ex-Officio Chairman
2	Sh. Sanjeev K. Sharma, Directors (NITs), Department of Higher Education Ministry of Human Resource Development Government of India Shastri Bhawan, New Delhi 110 001	Nominee, MHRD
3	Sh. Manish Jindal, Registrar, PEC University of Technology, Sector 12, Chandigarh 160012	Nominee, BOG
4	Shri Krishna Maheswari, Superintending Engineer (Civil, Planning) CPWD Circle, Sector-10, Vidhyadhar Nagar, Jaipur	Expert from Civil
5	Sh. Arjun Singh, Managing Director, JVVNL Jaipur	Expert from Electrical
6	Prof. Rohit Goyal, Dean (P&D), MNIT Jaipur, JLN Marg, Jaipur 302017	Dean, P&D
7	Prof. M.K. Shrimali, Registrar MNIT Jaipur, JLN Marg, Jaipur 302017	Member Secretary



7. CONCESSIONS FOR SCs, STs, HANDICAPPED STUDENTS

7.1 CONCESSIONS PROVIDED FOR STUDENTS

Admission Policy

According to the admission rules laid down by the Govt. of India, the following reservations are made for admission to undergraduate courses at the MNIT, Jaipur. The same applies for Post Graduate courses

(i)	OBC candidates	27%
(ii)	Scheduled Caste candidates	15%
(iii)	Scheduled Tribe candidates	7.5%
(iv)	Physically Handicapped Candidates	3%

Tuition Fee Waiver

Students belonging to SC/ST category are given 100% tuition fee waiver.

Library Facilities

There is a separate Book Bank for SC/ST students. The number of books issued to each SC/ST student is 11 in comparison to 6 for General students.

Scholarships

Various state governments and Board for Social Welfare provide scholarships to SC/ST students.

7.2 CONCESSIONS PROVIDED FOR STAFF

The reservation policy and other benefits as directed by Government of India from time to time are implemented.

KEY OBJECTIVES OF THE WORKSHOP

- **New graduate, post graduate and doctorate programmes to be introduced** from time to time and increase in intake of the existing courses/ programmes in a phased manner
- Increased and improved facilities in **instruction research programmes**
- **New Centres of Excellence** for advanced research, **post doctorate studies, etc.**
- Establishing **Centre of Industrial Collaboration and Research** and developing new methodologies for its operation and expansion.
- **Strengthening, upgradation, capacity building, expansion, etc.** of existing laboratories and new labs to be developed as required.
- Manpower requirements and linkages with other professional bodies/ local bodies and institutional organizations.
- Active M... foreign... improved quality and quantity of resources.
- Active M... foreign... improved quality and quantity of resources.
- Require... areas... like...

8. FINANCIAL STATUS

8.1 ANALYSIS OF PLAN AND NON PLAN GRANT

During the year 2014-15 the institute received grant under Plan and Non Plan (entirely from Govt of India) as given below:-

		(Rs. in Lakhs)
Plan Grant		
(i)	Non recurring (Building ,Equipment, etc)	: 10000.00
(ii)	Project Grant (R & D)	: 340.94
(iii)	Other Plan Activities	: 466.05
(iv)	TEQIP	: 462.48
	TOTAL (Plan Grant)	: 11269.47
Non Plan Grant		
(i)	UG/PG Courses	: 3200.00
	TOTAL (Non Plan Grant)	: 3200.00
	GRANT TOTAL (PLAN & NON PLAN GRANT)	: 14469.47

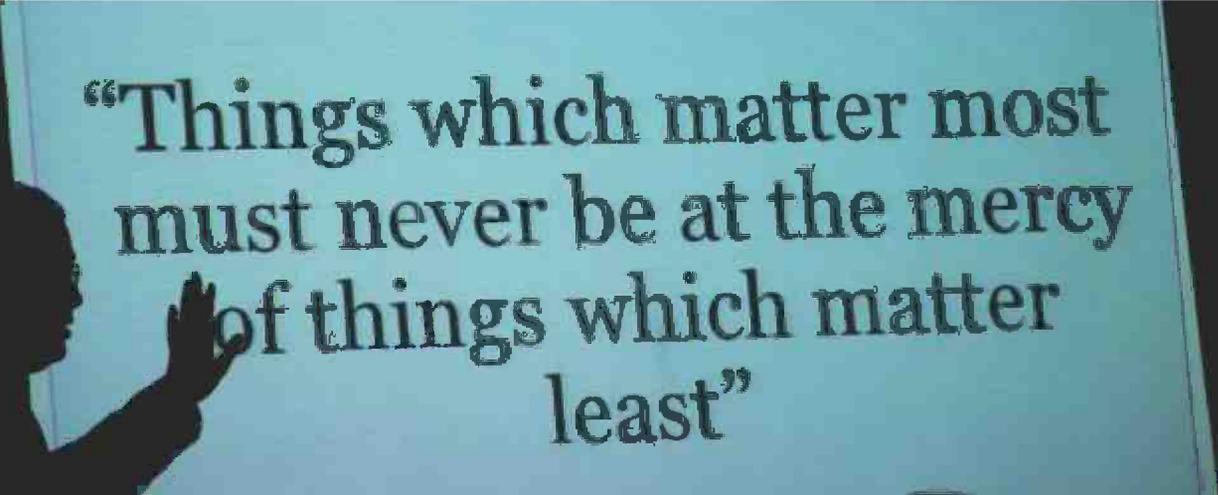
8.2 SOURCE OF FUNDS

- (i) Grant in Aid from Govt. of India
- (ii) Tuition Fees from Students
- (iii) Rent
- (iv) Interest
- (v) Other Misc. Income

8.3 EXPENDITURE POSITION FOR THE LAST THREE YEARS

(PLAN, NON PLAN & TEQIP)

Years	(Rs. in Lakhs) Expenditure
2012-13	8824.62
2013-14	14120.12
2014-15	16834.33



“Things which matter most
must never be at the mercy
of things which matter
least”

9. CENTRAL FACILITIES AND SERVICES

9.1.1 COMPUTER CENTRE

The new Computer Centre has been established at the first floor of Prabha Bhawan which was inaugurated by Prof. S.V. Raghavan, Scientific Secretary in the Office of the Principal Scientific Advisor to the Government of India on 19th October 2014.

The Centre, a centralized computing facility of the Institute consisting of 10 Computer Laboratories with more than 500 desktop computers, caters to the need of different academic departments and various sections of the Institute by providing and managing extensive computing & networking facilities to the Institute. To facilitate the use of the latest information technology in Institute's teaching, learning, research and administration; to provide an excellent network environment that facilitates the access and exchange of information; to put innovation in technology transfer; to assist the Institute in its mission; to enable faculty, staff and students to use the computer and network resources effectively and efficiently; and to aim to provide the best quality IT services in the region, the Computer Centre at MNIT Jaipur has continued to re-engineer the process of its service operations for increased productivity and better quality.

There are many web based applications that are developed, successfully deployed and maintained by Computer Centre.

The MNIT website is restructured and reframed by Computer Centre. New website includes many features like dynamic faculty profiles, user friendly multi tab interface, scroll free GUI etc.

An NIT Council web application was designed developed and is being maintained by Computer Centre to create an interface for all thirty NITs so that users can access information about all the NITs from a single platform.

Other applications developed and maintained by Computer Centre are:-

- (a) Online Ph.D. Application web portal.
- (b) MNIT 7th and 8th convocation online registration application.
- (c) Technical/Non-technical staff recruitment application.
- (d) Seat allocation program for CSAB-2014.
- (e) Hostel allotment portal.
- (f) Grade feeding application;
- (g) Conferences and seminar websites.
- (h) Alumni day registration portal
- (i) MRC (Material Research Centre) application: Under development
- (j) SMP (Student Mentorship program)

Data Centre

MNIT data centre is housing MNIT Private Cloud using VMware V Cloud Suite installed on Blade Server and core network switches with 2 Gbps lease line for internet connectivity.

MNIT Private Cloud is an IaaS service, which allows administrator to create Virtual data centres with virtual servers, machines and networks, expanding or reducing as their needs require, with this Private Cloud, MNIT users get both computational resources, and network License resources for their own exclusive use.

MNIT private cloud running various applications/services used by student, faculty and Staff and many Virtual Machines (VMs) have been allotted to various research researchers

Computing Resources of Data Centre

- Blade Server: There are total sixteen HP ProLiant BL460c G7 blades:
- Intel® Xenon® 5600 series 6/6 Core with HT processors,
- 10.8 TB SAN Storage: Storage Controller: RAID 0 and 1 HP Smart Array P410i Controller.
- VMware Cloud Suite: with four socket licence, VMware manages four HP blades and following storages.
- EMC2 Storages:-
 - ISILON S200 NAS Storage: - 40 TB Raw
 - VNX-5300 SAN Storage :- 18 TB Raw
 - AVAM ARM 1200 Gen4S :- 10 TB backup Appliance

Highlights of Data Centre

- Automated provisioning of IT resources.
- Single interface for administrator for entire IT infrastructure.
- Storage of lectures, assignments, notes.
- Provide Data Storage to departments.

- Provide High End Computational Resources for Research purpose.
- Hosting various services like.
- MNIT Website <http://mnit.ac.in>.
- NIT Council Website www.nitcouncil.org.in.
- Intranet Web Application Hosting.
- Student-Student Mentorship Program Portal <http://smp.mnit.ac.in>.
- Portal for MRC <http://online.mnit.ac.in/mrc/>
- DNS Server.
- Proxy server.
- LDAP Authentication Server for 6000 users.
- Software for Library Management - E-Granthalaya.
- ProWess Server (Database of the financial performance of Indian companies).

Various license Servers

- AutoCAD Licensing Server for 125 users
- MATLAB R2014b and Simulink License Server
- Hyperworks Licensing Server
- LMS Imagine.Lab License Server
- Autodesk_Inventor, 3ds_Max_Design, C3D, Map, Maya, MB, and Revit,
- JM at-Pro 8 License Server.
- ERDAS IMAGINE 2014 (Geographic Imaging solutions) and Hexagon Geo Media Desktop 2015.
- SimaPro 8 License server for 20 users
- ESET Antivirus server for 500 user license.
- Visual MODFLOW License server

Cloud Infrastructure

- NTP, DNS, DHCP Server for cloud infra
- VMware vCenter Server
- IaaS Server & SQL Database Server
- VMware vCenter Operations Manager
- EMC Avamar Virtual Machine Combined Proxy.
- MNIT Domain Server for Cloud Infra
- VMware Identity Appliance.
- VMware vCloud Automation Center Appliance.

9.1.2 NKN (NATIONAL KNOWLEDGE NETWORK) AND CWN (CAMPUS WIDE NETWORKING)

- The construction of two more virtual classrooms and one conference room (in addition to the existing virtual classroom) is under progress. The RFP is in process and technical and financial bids have been opened.
- Student access to Virtual Labs is being facilitated shortly
- An Expression-of-Interest is in process for complete upgradation and renewal of campus wide network including wi-fi and LAN. The presentations by OEMs and System Integrators have been evaluated by a technical committee comprising of Academicians and experts from NKN and NIC on Oct 15-16, 2014. The RFP is being prepared and the entire campus will be on a converged fiber and wireless access.
- NKN is providing 1 Gbps and we have procured 1 Gbps broadband access from BSNL (1:1). We have requested NKN to provide additional 1 Gbps through Powergrid.
- A write up on NKN and the facilities available is being made available to all students and faculty. Faculty are being encouraged to make use of the high speed broadband network access for generation and dissemination of knowledge in various areas, live consultations, data sharing and resource sharing.
- An awareness programme on "Enhancing Research Collaborations through NKN" was held on in second week of November 2014 with Mr. R. S. Mani, Sr. Tech Director, NIC and Project Director NKN.
- Students are encouraged and facilitated to use NKN to access elective / specialized programmes in other NITs in the network.
- Prof. Vijay Janyani/ Dr. Emmanuel Pilli are Coordinators to exchange information from MNIT Jaipur and other NITs through common portal.

- Progress reports are submitted in periodic meetings
- The address of Hon'ble Visitor to faculty and students of MNIT Jaipur are facilitated as the pleasure of Hon'ble Visitor
- An e-governance project is in place and faculty, staff and students are using it efficiently. The same may be integrated with NKN software.
- NKN can subscribe to e-library / e-Journals as a consortium under MHRD and facilitate all NITs to connect over VPN and download the documents and material. This would facilitate all the NITs and even the new ones to be in a position to access a wide variety of standards, journals and conferences. The pay-per-use model may also be tried.
- A private cloud is being set up at MNIT Jaipur with HP blade servers, VMware software and EMC2 storage. Research and Educational Content will be stored and e-content generation of faculty will be planned in a phased manner.
- Collaborative M. Tech programmes over NKN are welcome.
- Faculty will be motivated to majorly focus their research on Science, Engineering and Technology related to education, health and agriculture.
- Faculty and students will use technology and research to address local problems of the city Jaipur in particular and the state of Rajasthan in general
- Collaborations with International Institutes and Universities on research, knowledge sharing and student exchange programmes are in place
- Implementation of the above objectives and difficulties faced will be passed on as a feedback in the next meeting of the Directors
- Subject Experts from MNIT Jaipur will be available to evaluate e-resources and e-content. Content generated by MNIT will also be available for scrutiny and improvement

9.1.3 LANGUAGE LAB

There is one language lab in Computer Centre. This lab has 20 computers with language learning softwares Clear Pronunciation, Study Skills Success, Clarity English Success, Business Writing, Active Reading and Tense Buster, etc.

9.2 WORKSHOPS

Central workshop is a central facility with state of the art machines to meet the following objectives:

1. To impart training to the students of all branches of 1ST Year B. Tech in various shops.
2. To impart training on latest machine tools to B. Tech. (Mechanical Engineering) and M. Tech. (MSE) Students.
3. To provide the workshop facilities for fabrication of minor and major projects to the students of all branches.
4. Central workshop has state of the art machine tools and equipment required for carrying out research work at M. Tech and Ph. D. level in all the departments and sections of the institute.
5. To develop a project lab which will have all basic tools required for carrying out projects of all the Departments of the institute. This project lab will open for 24 hrs.
6. To ensure safe working environment for staff and students.
7. Upkeep of institute furniture and other infrastructures.
8. To provide consultancy to industries/ organizations thereby improving Institute-Industry relationship.
9. Along with the above mentioned primary objectives the workshop would also be used for community development activities such as organizing training programs for society and staff.

Project lab will be a central facility with state of the art machines to meet the following objectives:

1. To provide workshop facilities for fabrication of minor and major projects to the UG/PG students of all branches.
2. The project lab would have state of the art machine tools and equipments to facilitate the research work at M. Tech and Ph. D. level in all the departments and sections of the institute.
3. The project lab shall be hub of innovations and shall help in registering patents for the same.
4. The project lab shall be managed by students under the guidance of coordinator Project Lab.
5. It will also show case its innovations through exhibitions twice a year. These exhibitions shall be organized in collaboration of Industries.
6. This project lab will be open 24 hrs.

9.3 LIBRARY

1. Total Floor Area: 15847 sq feet (space per student – about 7.5 sq feet)
The Central Library is located in the Centre of the Institute, where visitors can approach easily. It has 15847 Sq. feet plinth area in two floors (Ground and First). It is well equipped with new and modern furniture (make Godrej) including optimizers (stacks on

tracks). The sitting area of the users is fully air conditioned under the CCTV Surveillance System and also has Smoke Alarm System. Each sitting area / hall has having different reading cubicles for the users. The Central Library was reintroduced with new name i.e. "LEARNING RESOURCE CENTRE" in April, 2012.

2. Library Automation and Computerization

Following recent developments have been taken place in the Central Library:-

- Library Database on KOHA (Library Management Software)
- RFID System for Smart Circulation with Gate Antenna
- Smart Card Technology

3. Member

- a) Students 4236
- b) Faculty and staff members 446

4. Circulation of Books (approx)

- a) Main Library Counter 85,000 per year
- b) Book Bank 63,000 per year

5. No. of Visitors (on Membership basis) approx. 1850 Per day
(Faculty, Staff, Students and fee based members)

6. Timings

- 08.00 A.M. to 10.00 P.M. (Monday to Friday)
- 09.00 A.M. to 06.00 P.M. (Saturday & Sunday)

7. Holdings from 01/04/2014 to 31/03/2015

S. No.	Particulars	As on 31/03/2014	Added During 2014-2015	As on 1/04/2015	Withdrawn	Available holdings
1	Library					
	Print Books	89077	62	89138	3352	*85786
	e-Books	3073	-	3073	-	3073
2	Back Volumes	13580	-	13580	120	13460
3	BIS Codes	12498	-	12498	-	12498
4	Book Bank (Gen.)	51,567	19	51585	-	*51585
5	Book Bank (SC/ST)	19022	-	19022	-	*19022
6	CBIP Publications	531	-	-	-	531
7	CD ROMs Databases+ LRs (on different Subjects)	846	-	-	-	846
TOTAL HOLDINGS AVAILABLE						2,05,521
* PHYSICAL VERIFICATION WAS CONDUCTED AND FINAL REPORT IS TO BE SUBMITTED.						

8. NON PRINT MATERIAL

Total Numbers

- 1 Video Cassettes 1035
- 2 CDs & Floppies (Received with books & magazines) approx.1000

9. Expenditure –

9.1 Printed Books etc.

S. No.	Heads	2014-2015 (in Rs.)
1	Book & Periodicals	19,062.00
2	Subscription of Print Journals	1,51,607.00
3	Newspapers & Magazines	33,876.00
	Total	2,04,545.00

9.2 Expenditure on Online Resources (Plan Budget)

(i) Subscription of Online Journals & Databases	Paid	Rs. 41,20,462.00
	Proposed	Rs. 1,25,69,277.00
	Total	Rs. 1,66,89,739.00
	Grand Total	Rs. 1,68,94,284.00

9.3 Other Expenditure (Proposed) Rs. 2,86,782.00 (KOHA Software, J-Gate, DELNET)

10 Print Journals :

10.1	Subscribed	85
10.2	Complementary Journals / New sletters report etc.	approx. 65

11. Electronic/Online Resources & Databases:

S. No.	e-Resources	URL
I Online foreign journals (INDEST-AICTE Consortium, MHRD, GOI)		
01	ACM Digital Library	http://portal.acm.org/portal.efm
02	ASCE e-Journals	http://www.ascelibrary.org
03	ASME e-Journals	http://www.asme.org/pubs/journals
04	Springer Link	http://www.springerlink.com/
II Online Journals subscribed by MNIT Jaipur		
01	Taylor & Francis	www.tandf.com
02	Emerald (200 Journals)	www.emeraldinsight.com
03	SAGE Pub., New Delhi	http://online.sagepub.com http://jax.sagepub.com/
04	Science Direct(ELSEVIER PUBLISHERS)	http://www.sciencedirect.com/
05	IEL Online Journals	http://ieeexplore.ieee.org
III Bibliographic Databases		
01	Access Science Database (for Civil, Mech. & Arch.)	http://mhebooklibrary.com
02	PROWESS (Multi User LAN Version containing financial databases of 27000 Indian companies.)	http://prowess.cmie.com
03	Economic Research (Eco View) + Industry Research on 10 industries	www.crisilresearch.com
IV J-GATE AGGRIGATOR of all Subscribed online Journals		

Other Online Resources/Databases

1. BIS Codes updated till June, 2009 (Through Intranet)
2. CD-Rom Databases (846 CD-ROM s on engineering subjects)
3. Access to Bibliographical Databases of foreign journals more than 6500 journals being received by IITs & IIS Bangalore and IIMS (Users receive Research papers by submitting their requests through JCCC) under INDEST– AICTE Consortium.
4. DELNET Database services for research papers & Books.

12. Library & Information Services

1. Issuing of books (Main Library)
 2. Issuing of books (Book Bank) (Extra books are issued to students of SC & ST)
 3. Video Viewing Services
 4. CD -ROM Databases
 5. Reprographic Services (Photocopy Services)
 6. Periodicals Services
 7. Internet facility (Wi fi)
 8. J-Gate Services
 9. DELNET Services
 10. Inter Library Loan (ILL) Services through DELNET
 11. Reference Services
 12. BIS and IRC Codes
 13. Attending Users queries
 14. Display of New Arrivals
 15. Display of Important notices/ pamphlets etc.
 16. Services to outside members
- 13 PG Students, Research Scholars and Faculty Members are also guided to use the INDEST-AICTE Consortium services and DELNET Database services.
- 14 Additional information
- (i) Display of New Arrivals: Newly Purchased books are displayed in the Central Hall to make the users aware about new arrivals.



- (ii) Database of Thesis & Dissertation: submitted to the institute have been entered and available on OPAC.
- (iii) Web-OPAC Users can access the Library database from across the Globe.

15 Other Activities

- 15.1 Orientation to users about Online Access to e-Journals.
- 15.2 SSMP Oriented all new entrants about Library & its services.
- 15.3 Organising 'Books Exhibition' from time to time.
- 15.4 Meeting Room facilities to various departments for organizing Meetings, Talks, Seminars etc.
- 15.5 Binding of books (time to time)

16 FUTURE PLAN:

- 16.1 Fire Safety Measures with Smoke Alarm System.
- 16.2 Purchase / subscription of e-Books and e-Journals on Various subject areas of E.S.T.
- 16.1 LED lights in entire Library.
- 16.2 Fitting of Air Conditioned in remaining part of Library

9.4 LABORATORIES

In addition to Central workshop and Central computer Centre, each department has laboratories in their specific areas of specialization. These laboratories are being used for conducting experiments for B.Tech and M. Tech. students for their regular course work and also for research purposes. Few more laboratories have also been created to cater to the needs of research scholars. These laboratories provide facilities for research and are being used by faculty, Ph.D. and M.Tech. students.

National Level Laboratories are also established in MNIT, Jaipur.

9.5 PHYSICAL FACILITIES

The Campus of the Institute is spread over an area of 125.04 hectares. It presents a spectacle of harmony in modern architecture, natural beauty and picturesque surrounding. The campus area has been organized into three functional sectors:

1. Instructional Buildings/ Vivekananda Lecture Complex
2. Ultra-modern Corporate Office
3. Residential Area for the Faculty & Staff
4. Hostels for Students

The instructional buildings and Vivekananda Lecture Complex have been so located that these are fairly near to both the hostels and the staff quarters. Vivekananda Lecture Complex has 34,360 square meters covered area and has been built at an expenditure of Rs 80 crores. The building is centrally air-conditioned with 43 theatres with a seating capacity of 120 people and 6 theatres with a seating capacity of 240 people. These classrooms are smart classrooms and are equipped with all needful systems. As a commitment towards green buildings, solar panels are being put up on almost all Institute buildings to generate electricity.

There is a branch of ICICI Bank Ltd. and SBI on the premises and a Post-office in the campus. The ICICI Bank has installed an ATM on the campus.

An ultra-modern Corporate Office and Computer Centre have been developed and a Digital Library is being developed, having a carpet area of 20,000 square meters, for the students and faculty members of the institute. The building house the entire Administrative and Accounts Section, Establishment and Academic Staff office, Director's office, Deans' office, Registrar's office, Training & Placement office with banking and post office services.

A team of Medical Officers and two Compounders supervises a full-fledged dispensary. The Institute has also been extending facility of a Part-time Homeopathic doctor and a Lady Doctor in the campus. Adequately equipped Canteen building, one near the instructional zone and one near the hostels provide facilities to the students and the staff during and beyond the working hours of the college. There is a milk booth on the campus, a barber's shop, washer men, stationary shop and a government co-operative store to provide amenities to the residents.

9.6 Games and Sports Facilities

Utilization:

The sports ground (in morning and evening hours) is seen occupied by the students, staff wards and the staff of the institute towards their activities in games and exercises.

The Institute Physical Education and Sports department has created and developed a positive and healthy sports culture among Students, staff and their family members are enjoying one of the best facilities of the Institute. The vision is to produce fit engineers for the nation with improved quality like positive leadership among students, men managing, Cardio respiratory development, general motor ability, quick decision making ability, body sculpture and especially Fitness and Diet awareness. The department is managing more than

3500 students and staff members and their wards. The existing Games and Sports facilities are:

1. Sports Infrastructure: The following is the existing infrastructure for sports:

INDOOR FACILITIES

S. N.	Facilities	Remarks	Utilization
1.	Gymnasium (Weight Training and Power lifting)	01 Hall (40 X 60 Sq feet)	Utilized with cent percent capacity, 6-Hours daily (approx. 200 students and staff)
2.	Badminton court (Chess)	01 Court (40 X 60 Sq feet)	6-Hours daily (approx. 30 students and staff)
3.	Billiard room	01 Table (25X30 Sq feet)	6-Hours daily (approx. 20 students & staff)

OUTDOOR FACILITIES

S. No.	Facilities	Remarks	Utilization
1.	Tennis Courts (Flood Light)	03 Synthetic courts	Utilized with cent percent capacity, 6-Hours daily (approx. 100 students and staff)
2.	Volleyball Courts (Flood Light)	03 Courts	Utilized with cent percent capacity, 6-Hours daily (approx. 50 students and staff)
3.	Basketball Courts (Flood Light)	02 Courts	Utilized with cent percent capacity, 6-Hours daily (approx. 45 students and staff)
4.	Cricket Nets	02 (Chain link fencing)	Utilized with cent percent capacity, 6-Hours daily (more than 100 students and staff)
5.	Play field (Cricket Field, Football and Athletic Track and Field.)	Common play ground (185 X 127 Sq. Mt)	Utilized with cent percent capacity, 6-Hours daily (more than 250 students and staff)

Proposed Addition:

1. Levelling of surface is about to begin soon for proposed new cricket ground.
2. Approval already taken to built facilities for various games to be named as New Sports Complex, which will comprise of squash court, badminton court, basketball court, volleyball court, changing rooms and office premises.

Indoor Games

Badminton (One Court): There is one covered Badminton court available according to the BWF standard with sufficient space around. There are sufficient spaces for watching badminton matches. More than 30-40 players including faculty are regularly practicing, out of which 4 to 5 players are selected for institute team based on performance for different sports tournaments.

Table Tennis: There is no permanent Table Tennis facility in the institute. Temporarily it is being played in the OLH. Until last session institute won many positions in TT tournaments. Players are selected for institute team based on individual performance for each sports tournament separately.

Chess: There is no permanent Chess facility in the institute. Temporarily it is being played in the badminton Hall and sometimes in the Basketball Stadium. Institute team has won many positions in TT tournaments. Players are selected for institute team based on individual performance for each sports tournament separately.

Billiard (One Table): We have only one standard size billiards table with all necessary accessories.

Gymnasium Hall: There is a standard Gymnasium hall in the institute. Gymnasium equipment is in the process of purchase. Engineering students are more interested in the physique & physical culture. Institute has won positions in most all the tournaments for Power Lifting and Best Physique. Players are selected for institute team based on individual performance for each sports tournament separately.

Outdoor Games

Basketball (Two Courts with flood lights): There are two Basketball courts available and their structure follows the FIBA (Federation International Basketball Association) standard with sufficient space around. There are stairs in one side of the court for watching matches. More than 30-50 players including staff are regularly practicing, out of which 10 to 12 players are selected for institute team based on performance for different sports tournaments.

Volleyball (Three Courts with flood lights): There three Volleyball courts are available according to the FIVB (Federation International De Volleyball) standard with sufficient space around. There are sufficient spaces for watching matches. More than 30-50 players are regularly practicing, out of which 10 to 12 players are selected for institute team based on performance for different sports tournaments.

Tennis (Three Courts with flood lights): The Institute has 03 Synthetic courts with flood light. The court will take another couple of months to complete. Institute teams are selected based on the selection procedure. As per the need of each tournament, generally 04- team member is being selected to represent the institute Tennis Team in men and Women Category.

Cricket (Two cemented pitch for practice and one cricket pitch): There is a common playfield of Cricket and Athletic with sufficient space around. There are stairs in one side of the field for watching cricket matches. 50-80 students are practicing morning and evening, out of which 14 to 16 players are selected for institute team based on individual and team performance for each sports tournaments.

Football (Two Fields): There is a common playfield where two green Football fields are available according to the FIFA standard with sufficient space around. There are stairs on one side of the field for watching matches. More than 40-45 players are regularly practicing, out of which 14 to 16 players are selected for institute team based on performance for different sports tournaments.

Athletic: (One Track): There is a common playfield where the Track and Field is prepared before any tournament with sufficient space around. There are stairs in one side of the field for watching athletic performances. Many students are practicing morning and evening, out of which 20 to 30 players are selected for institute team based on individual performance for each sports tournaments. Institute won many laurels in many Athletic meet of the country.



9.7 OTHER FACILITIES LIKE, HOSTELS, MESSES, STAFF QUARTERS, ADMINISTRATION ETC.

There are twelve hostels for the students of our Institute. The details of rooms are as follows:

Hostel No.	Single Seated Rooms	Double Seated Rooms	Triple Seated Rooms	Total Capacity
Boy's Hostels				
Hostel - 1	72		36	180
Hostel - 2	72		36	180
Hostel - 3	72		36	180
Hostel - 4	72	36		144
Hostel 5	182			182
Hostel 6	72		36	180
Hostel 7			75	225
Hostel 8	212			212
Auribindo Hostel	986			986
Girl's Hostel				
Girls Hostel A Block	48		14	90
Girls Hostel B Block		68		136
Gargi Hostel	400			400
P.G. Hostel	16			16
MSH	8			8
GRAND TOTAL	2212	104	233	3119

Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

Hostel/ Mess Management : Presently we have mess facility in all hostels except Hostel no. 3, 4 and 5. The residents of these hostels are dining in messes attached with other hostels. The Mess in Aurobindo Hostel and Gargi Hostel (also catering to residents of Girls Hostel A and B Block) are being operated by private service provider. All messes have been renovated and have modern facilities to facilitate proper hygiene.

Mess Committee consisting of Mess Secretary and Student representatives Mess Members manage the mess. Entire salary of the mess servants is borne by the students themselves through MNIT Students Mess account.

Laundry Facilities : Modern laundry facilities have been installed in Aurobindo Hostel and Gargi Hostel for residents of Boys and Girls Hostel. Students are using these facilities through prepaid smart cards.

Other Facilities : There is one Common Room for each hostel, having the facility of a colour television, and one Table Tennis table.

Staff Quarters : The details of Staff quarters is as follows

	Type	Nos.
1.	A	01
2.	B	17
3.	C	20
4.	D	78
5.	BH	8
6.	WWH	12
7.	F	66
8.	H	52

10. NOTABLE DEVELOPMENT AND ACHIEVEMENTS

10.1 RESEARCH, DEVELOPMENT AND CONSULTANCY

The Institute has been actively engaged in research, consultancy and development activities and collaborated with premier industrial group and research and development organizations. In the year 2014-15 26 new R&D project amounting to a total funding of Rs 7.8 crores have been granted to the Institute while 125 projects are currently in progress. 219 consultancy project worth Rs. 2.36 crores have been carried out in the Institute. This year the areas of research project include the most current ones such as solar energy defloridation functionalization of nanochannels, X-ray absorption spectroscopy, robotic technology community water, water technology centre, Rajasthan refinery townshp project earthquake engineering, climate change plasma and laser technique, energy efficient building, disaster mitigation management wireless mesh networks, information security, and many others. Fund have been granted for these project by international organization like KIERI, DO -USA, Indo-US Science and Technology Forum, Norwegian Embassy National Research Foundation, S. Africa and funding bodies from India, such as the DST, DRDO, Central Power Research Institute, Bangalore Hindustan Petroleum Corporation Limited Hindustan Copper Limited ICSSR, UGC, CSIR, MHRD, MCIT and many more.

Some of the important and major sponsored projects being carried out by IT faculty include (i) Establishment of Indo-US Joint Centre for Building Energy Research and Development which is being funded by US-India science and Technology Forum and U.S. Dept. of Energy (ii) Research on Block Copolymer Based Nanoporous Polymer Membranes which is being funded by DST, New Delhi (iii) Research on Various Applications of Stones, which is being funded by Centre for Development of Stones, Govt. of Rajasthan (iv) Research on Advance Green Medicinal Chemistry, which is being funded by DST, Govt. of India and National Research Foundation, South Africa (v) Research on Nitrogen-Based Heterocycles, which is being funded by DST, Govt. of India and Russian Federation for Basic Research (vi) Research on Community Managed Rural Water Supply System, which is being funded by Government of Australia, and (vii) Development of Network on chip Simulation Platform, which is being funded by DST, Govt. of India and Govt. of Spain.

The second phase of World Bank sponsored Technical Education Quality Improvement Programme (TEQIP) started in year 2011 with total allocation of Rs.12.5 crores to MNIT Jaipur. A sum of Rs. 12.5 crores has been received out of which Rs 10.07 crores have been utilized, resulting into utilization rate of 80.56%. Training programs for the development of faculty and staff have been organized within the Institute and at other reputed institutions. Five such programs have been organized for faculty and eight programs for staff. Fifteen faculty members have been supported

through travel grant for international travel and 50 faculty members for domestic travel. Under TEQIP, 52 short term training programs/workshops and 7 national/international conferences have been organized. Funding has also been provided to promote research among UG/PG/PhD students. This includes financial assistance to 13 R&D projects by UG/PO students, travel support to 15 students for attending conferences/short term training programs within India and to 3 students for international travel. Twenty expert lectures have also been supported through TEQIP.

Faculty members have contributed to the growth and creation of knowledge through high quality research publications and academic collaborations. In the last year, around 350 articles have been published in reputed international and national journals and around 220 papers in international and national conferences while several books have been published by the Institute faculty in this period.

The Department of Mechanical Engineering has established new laboratories - Metrology and Instrumentation Lab, Advanced Casting Lab, Advanced Manufacturing Lab and Mechatronics Lab. Optical Materials Laboratory was recently developed in Department of Physics for making nanocomposite materials, thin film coatings, polymeric materials, etc.

Faculty members have brought accolades to the Institute by winning awards at different platforms, as, ISET B.K. Maheshwari Research Award, National Awards for Technology Innovation in Petrochemical and Downstream Processing Industry, DST INSPIRE Faculty Award, DST-SERB Young Scientist Award, POSOCO Power System Award, and Best Paper Awards in national and international conferences and journals.

10.2 INTERNATIONAL/ NATIONAL COLLABORATIONS

International and national collaborations are essential for achieving higher academic standards in educational institutions. The Institute has widened the scope of progress of its students through MoUs with prominent organizations, such as the Norwegian University of Science and Technology (NTNU), Florida International University, USA, Deakin University, Australia, University of Saskatchewan, Canada, IBM Research Lab, Welspun Corporation, CPRI, Moinee Systems Corporation, and Rajasthan Electronics and Instrumentation Ltd. along with R&D organizations.

The Institute has an active collaboration with IIT Mandi, IIT Rajasthan, NIT Hamirpur, NITTR Chandigarh, CGCRI-CSIR Kolkata, Management Development Institute, Gurgaon and many more. MNIT is participating in national rankings of technical education institutions and is also planning to participate in international rankings shortly.

10.3 INFRASTRUCTURE DEVELOPMENT

An ultra-modern Corporate Office and Computer Centre have been developed and a Digital Library is being developed, having a carpet area of 20,000 square meters, for the students and faculty members of the institute. The building houses the entire Administrative and Accounts Section, Establishment and Academic Staff office, Director's office, Deans' office, Registrar's office, Training & Placement office with banking and post office services. This also has state of the art computer labs, automated solutions of IT resources with single interface for administration for entire IT infrastructure.

The Vivekananda Lecture Complex construction has progressed at a rapid pace and some rooms are expected to be commissioned this year. The complex has 34,360 square meters covered area and has been built at an expenditure of Rs 80 crores. The building is centrally air-conditioned with 43 theatres with a seating capacity of 120 people and 6 theatres with a seating capacity of 240 people. These classrooms will be smart classrooms and will be equipped with all needful systems. As a commitment towards green buildings, solar panels are being put up on almost all Institute buildings to generate electricity.

Two entire floors are being added to the Electronic and Communication Engineering Department building with a focus on developing sophisticated laboratories. The Institute has renovated and rehabilitated its old laboratories in most of the departments like Architecture, Physics, Chemistry, Computer Science engineering, Metallurgy, Mechanical, Chemical and Electrical engineering departments. Looking at the shortage of residences, new residential apartments called the Acharya Bhawan with 198 quarters are additionally being constructed to accommodate the faculty members on the campus.

Towards developing sports infrastructure for students and faculty, the Institute has developed three new synthetic tennis courts with flood lights which are of international standards and are made available from 26th January, 2015.

Data Centre and Language Lab, was inaugurated by Prof S. V. Raghavan, Scientific Secretary to the Government of India, on 19th September, 2014. The Centre has 510 high-end PCs including 120 graphics work stations placed in 10 computer laboratories which provide computational environment to all students, faculty and researchers. A Data Centre with Private Cloud using VMware Cloud Suite has also been established in the centre. MNIT private cloud is housing various services like LDAP, DNS; web applications like "mnit" and "nit council" portals; and various software license servers like MATLAB, Hyperworks, Auto CAD, Auto Desk, LMS, and Antivirus etc.

The Data Centre is also equipped with 60 TB of storage from EMC.

The Data Centre Storage is being used for keeping video lecture of Virtual Class Room as well as e-content uploaded by various department. E-mail archival; and various other softwares.

10.4 COMPUTER CENTRE, LABORATORIES, CENTRES OF EXCELLENCE AND CENTRAL LIBRARY

The new Computer Centre of MNIT Jaipur, which also includes Data Centre and Language Lab, was inaugurated by Prof S. V. Raghavan, Scientific Secretary to the Government of India, on 19th September, 2014. The Centre has 510 high-end PCs including 120 graphics work stations placed in 10 computer laboratories which provide computational environment to all students, faculty and researchers. A Data Centre with Private Cloud using VMware Cloud Suite has also been established in the centre. MNIT private cloud is housing various services like LDAP, DNS; web applications like "mnit" and "nit council" portals; and various software license servers like MATLAB, Hyperworks, Auto CAD, Auto Desk, LMS, and Antivirus etc.

The Data Centre is also equipped with 60 TB of storage from EMC. The Data Centre Storage is being used for keeping video lecture of Virtual Class Room as well as e-content uploaded by various department. e-mail archival; and various other softwares.

The Central Computer Centre also administers and manages the entire campus wide network which includes departments, centres, main administrative building, hostel, guest house and residential area. The Computer Centre staff has developed many application in-house, such as the Institute website with a dynamic faculty profile; recruitment application for non-teaching staff and faculty of MNIT as well as NIT Delhi; a portal for the Council of NITs; web application for semester registration and hostel allotment; websites of various conferences organized by MNIT.

In order to augment the infrastructure for advanced research and to attain excellence in innovative research in materials technology a centre of excellence called Materials Research Centre has been created at MNIT. The Material Research Centre (MRC) aims to harness the talent resource of MNIT for promoting interdisciplinary research in appropriate materials technologies. MRC was formally inaugurated by Prof. Goverdhan Mehta, National Research Professor in the presence of Shri Ashok Thakur, IAS, Former Secretary, MHRD, Govt. of India. MRC is equipped with sophisticated analytical instruments like HRTEM, F SEM, AFM, XRD, UV, Fluorescence, and fabrication and necessary processing equipment.

Two more centres have been established during the last year: Centre for Disaster Mitigation & Management, which is in the process of getting research grant of worth four crores from DST Government of India; and Centre for Tribology which is equipped with a state of the art Industrial Tribology Laboratory.



In the field of computer engineering NVIDIA Corporation has designated MNIT as CUDA Teaching Centre and awarded 5 NVIDIA GPU Cards. The selection as a CUDA Teaching Centre is based on MNITs demonstrated commitment to advancing the state of parallel education using CUDA C++ . For Ph.D. candidates of ECE/EE/C departments 9 enhanced fellowships have been initiated under the Visvesvariya PhD scheme of DietY, Ministry of Communication and IT, Govt. of India.

The Central Library is now technologically updated and computerized, and is well equipped to cater to the requirement of students and faculty of the Institute. All the active stacks of book have been entered in Cloud Based Open Source Software which can be browsed globally through WEB OPAC (Online Public Access Catalogue). The RFID System is operating in the library. All the books have been RF tagged and books are circulated (Issue/Reservation) through RFID kiosks, where the users can return their book through Electronic Trolley installed in the library. Two Pedestal Electron Gate Antenna and 32 CCTV cameras have been installed. All the users have been issued Smart Cards for the circulation of books. The library is fully Wi-Fi enabled for accessing internet services, with online access to e-journals and e-books.

10.5 LAUNCH OF ERP

Malaviya National Institute of Technology Jaipur has been able to implement an integrated E-governance solution to its academic and administrative processes through the launch of a comprehensive ERP (Enterprise Resource Planning). The project

has been conceptualized and implemented into five integrated modules, namely, Academic, Finance & Accounting, HR & Payroll Administration and Miscellaneous. In this integrated e-governance environment, all units communicate through a single system for all kind of activities. It is envisaged that through the ERP, official transaction will be carried out in a quick, easy and effective manner, while ensuring greater transparency and accountability. The system is completely web-based with authenticated user identification and password with audit trail and periodic data backup. The ERP provides On-line data availability & analysis & Information and Communication Technology (ICT) to all staff and students besides the outside world. It is expected to increase transparency of processes and will also help in building team to work for the Institute.

Entrepreneurship development camps are being organized by the EDP Cell regularly to train and motivate students to explore the field of entrepreneurship for self-employment.

10.6 CONFERENCES, SEMINARS, WORKSHOPS ORGANIZED

In September 2013 the year long Golden Jubilee Celebration of the Institute came to an end. Over 700 program including international and national conferences, Symposia, Seminars and workshops were organized during the year. Averages of two programs per day were held during the Golden Jubilee year. This year the Institute conducted more than 20 conferences and about

100 seminars on topic like Frontier Research in Materials, Soft Materials, Bio-materials and Bio-engineering, Pulsed laser deposition Sustainable Neighborhoods, Special Function and Applications, and 3E: Energy, Efficiency and Environment. Similarly several workshops and 20 short-term training programs were organized for faculty and professionals of the country which benefited more than 700 teachers and professionals from within and outside the Institute. Resource persons for these workshops and courses included faculty from NITs, IITs, IISc and professionals from industries and research laboratories. Workshop for faculty and students were conducted on thrust areas like Professional Communication, Energy Efficient Homes Environmental Impact Assessment, Personality Development, Modern Approaches to English Language Teaching and so on. Training programs were conducted in diverse areas as Entrepreneurship Development, Wireless Sensor Networks, Structural Dynamics, Mathematical Analysis and Applications, Application of MATLAB in Engineering, Application of Nanotechnology, Electronic Devices and Materials, Energy Simulation, Electron Microscopy, Green Buildings and many more.

10.7 CENTRALIZED ADMISSIONS ORGANIZED BY MNIT FOR NITs, IITs AND OTHER CFTIs

During 2014, MNIT organized counseling for admissions based on JEE-2014, in undergraduate programs (CSAB-2014) for all NITs, IITs, and other CFTIs. In this process, admissions were done for around 60 national level institutes across the country for different courses for which around 1.5 million students were aspirants. MNIT also helped 48 self-financed universities in filling their seats through the centralized admission process. At present, MNIT is preparing for common counseling for admissions in 2015 for NITs and IITs and for admissions of foreign students (DASA) for all NITs. In 2014, MNIT also conducted centralized counseling for PG programs (CCMT) in NITs and IITs for the third consecutive year. MNIT was also entrusted with the responsibility of admissions for the supernumerary seats in AICTE approved institutes reserved for the student

10.8 STUDENT ACTIVITIES

10.8.1 Student-Student Mentorship Program

Saarthi, a Student-Student Mentorship Program was launched at MNIT on July 28, 2014. Under SSMP, a network of senior students guides the new entrants as they take their first step into the Institute. It aims to serve as a platform for the freshmen to groom their talents under the guidance of their mentors and chief mentors and showcase them at various events. SSMP has thus been planned to provide a platform where the new entrants can share their problems without any hesitation and the mentor can help to resolve them. Various activities were organized around the year through the SSMP for the fresh man including library visits, social works, exhibition, Jaipur visitis, cultural and sports events

and many more. An S. A. cell has been established to address the issue of SC/ST/OBC/PWD student to ensure that all facilities and policies benefitting the student reach them.

10.8.2 Funding of Student Innovative Projects by MSME, Govt. of India

MNIT has always encouraged students to be innovative and independent. The Ministry of Small and Medium Enterprises (MSME), Govt. of India has recently approved a funding of more than 42 lakh for nine innovative projects developed by our student. Some of these projects are Exoskeleton Robotic Limbs, Sea Water Desalination, and Clover Board, Wheel chair control with BCI Switch Mode Actuator Smart Copter, Robotic Technology for T & D, Low cost Interactive Board, and Solar Tracking System. Few more projects are in the pipe line and are expected to be approved for funding soon. The e innovative ideas are being incubated in our laboratories.

10.8.3 Achievements in Sports

The students of MNIT performed excellently in 2014-15 in sports, starting with BOSM'13 sports tournament at BITS Pilani, where MNIT created history by achieving 41 medals (09-Gold 19- Silver & 13- Bronze) and also stood overall second. MNIT participated in Sportech'14 organized by IIT Delhi, where our student won 6 medal in athletic and won the Badminton (Women) Runner's Up Trophy. MNIT participated in the Sports fest at BITS Pilani Goa campus where our student won the Table Tennis (Women) Runners' Up Trophy.

MNIT organized the 17th All India Advani Memorial Basketball Tournament (AIAMBT' 14) from the 9th to 13th April 2014, which drew p layers and team from all over the country and was much acclaimed. In all, 8 boys' teams and 6 girls' team participated in the tournament. Ms. Chanda Kochar CEO & Managing Director of ICICI Bank gave away the prizes to winners.

MNIT also organized the MNIT Sport Tournament-MST'14 in the month of February 2014 where MNIT remained the champion team.

10.9 COMMUNITY SERVICE PROGRAM

10.9.1 Unnat Bharat Scheme at MNIT Jaipur

As per the initiatives of MHRD to develop 100 villages as pilot project under Unnat Bharat Scheme, MNIT Jaipur is the only NIT with other IITs that has been given a mandate to develop 05 villages in the state of Rajasthan. MNIT identified the villages as Gram Dabh Ka Nalla, Gram Jirrota, Gram Mahal, Gram Bhurthal and Gram Daddiya. A preliminary survey of all the villages has done by a team of faculty members and students of the Institute. On the basis of the survey it was observed that all the villages face problems related to drinking water, skill development, health,

medical facilities, drainage, roads, shortage of toilets in houses, street lights etc. A DPR is being prepared to decide the course of action to mitigate all these issues and develop these villages as model villages.

10.9.2 University of Illinois LINC Programme

MNIT has always promoted research for the benefit of the society. The Institute is collaborating with University of Illinois, Urbana-Champaign Campus (UIUC) for joint implementation of "Learning in Community" (LINC) programme of UIUC. LINC is an interdisciplinary course in which students provide meaningful service to society through the conception, development, and implementation of projects in collaboration with non-profit organizations and community partners. The students from UIUC collaborated with Malaviya National Institute of Technology Jaipur and a variety of NGO community partners such as Healthcare Sansthan, Development Alternatives, and UNICEF under the LINC programme. Students communicated with partners in India to develop projects that help address social and environmental issues in and around Jaipur. Students from UIUC participated in an international service-learning trip to MNIT Jaipur during March 2015.

10.10 PLACEMENT AND TRAINING

This year 160 prominent companies visited the campus for recruitment, and 580 students (538 B.Tech and 42 M.Tech) were recruited. The pay-packages were significantly raised this year, as 22 students from different departments got a package of 10 LPA

and more, in companies like Amazon, DE SHAW, Expedia, Drishti Software, My Smart Price and others. The average package for B.Tech students was Rs 5.08 LPA, while the highest package till date was offered by Amazon, which was an enviable Rs. 21 LPA.

10.11 ALUMNI ASSOCIATION

In existence since 1963, this Institute has produced a large number of qualified engineers and a resource pool for our students, providing assistance in their project work and informing them about employment opportunities. The Alumni Association, formed in 1968, has been maintaining the link between the Institute and the alumni in India as well as abroad. An initiative has been taken to create a database of MNIT Alumni and an Alumni Web portal. The Institute celebrated the Reconnect day on 25th December every year to felicitate the silver jubilee batch - the alumni who graduated from the Institute 25 years ago. Recently, the Delhi-NCR Chapter and the Mumbai Chapter of the MNIT Alumni Association were formally inaugurated and a few more are in pipeline.

MNIT hosted the Alumni Reunion Day on 27th December, 2014 at the Institute campus. This celebration, the first of its kind, congregated Alumni of all batches of all courses from across India and abroad into their Alma Mater. Around 800 alumni and their family member attended the function. A photography exhibition to commemorate the glorious past of the Institute was organized on this occasion at the Central Library. Rare and unique photograph of students of earlier batches and of the activities organized earlier in the Institute were displayed for all the visitors.



10.12 ACTIVITIES CONDUCTED DURING THE YEAR

10.12.1 SWACHCHA BHARAT ABHIYAN

On 2 Oct 2014, the 145th birth anniversary of Mahatma Gandhi, a cleanliness drive, "Swachh Bharat Abhiyan" was organized at the Institute. The initiative was started with the Sanitation Pledge ceremony in which the faculty, students and staff members took an oath to keep the country clean and tidy.

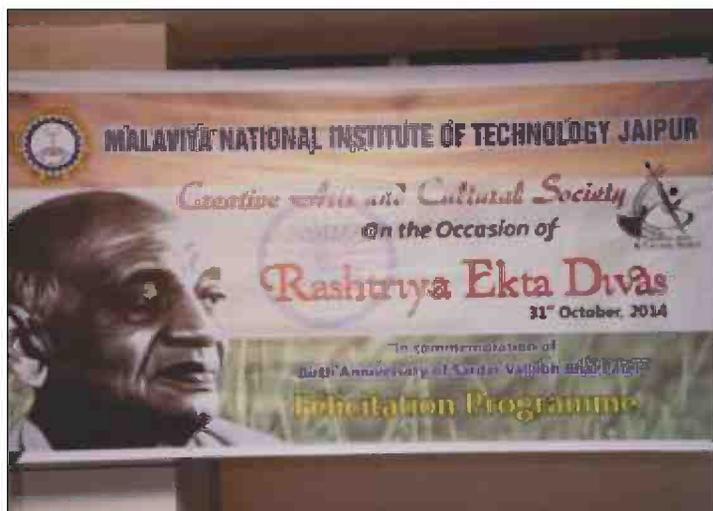
On this occasion, the faculty members, staff and students from all the departments participated enthusiastically and cleaned the different departments in the campus and the neighboring areas. In this drive, more than 500 saplings were planted in the Institute campus.

This was followed by a lecture on "Health and Hygiene", by Dr. V. D. Maheshwari (Mahatma Gandhi Hospital, Jaipur) in the Institute, in which he enlightened the audience about the benefits of cleanliness and hygiene.

10.12.2 7th National Education Day Celebrations

On 11th Nov. 2014, the Birth anniversary of Mualana Abul Kalam Azad was celebrated at the Institute as 7th National Education Day. Following educational and interactive programs were organized for students by the Creative Arts and Cultural Society, MNIT.

- (i) 'Cycle Rally' organized in the morning, students enthusiastically participated in a marathon.
- (ii) A Plantation Drive in MNIT Campus was successfully organized.
- (iii) An Essay Writing Competition in English and Hindi for the students was organized on November 11, 2014 in which Prof. Sarojini Hoon, (Retd.), Department of English, University of Rajasthan (English Essay) and Prof. Sudesh Batra, (Retd.), Department of Hindi, University of Rajasthan (Hindi Essay) were invited to judge the event.
- (iv) A Slogan Writing Competition in Hindi and English was organized for the students of MNIT, with the theme: 'True education is education with values'. Two experts were invited to judge the entries: Dr Mini Nanda, HoD, Department of English, University of Rajasthan, Jaipur, and Prof Sudesh Batra, retired faculty member from the Department of Hindi, University of Rajasthan, Jaipur. 33 students participated in the competition and submitted slogans in Hindi and English on the given theme.
- (v) A Wall painting Competition was organized with the theme "Role of education in our life". The duration of competition was 2 hrs. from 2 PM. to 4PM. on 11/11/2014. Nearly 30 students took part in the





- competition as individual as well as in groups.
- (vi) A Poster making competition was also organized in the Architectural Studio II, MNIT Jaipur. A total of 55 students participated in the event. The competition was of two hours duration. The theme for the poster was given as "Education for All". On that theme various concepts and perceptions were shown by the students in creative manner.
 - (vii) A debate Competition was organized on this occasion which got an overwhelming response from students as well as staff.
 - (viii) A dream for a clean India was taken to a completely new level when 'Swachh Bharat Abhiyaan' turned into a competition. The competition ran for duration of about two weeks starting from 28th October and completed on 11th November. It was a team competition in which team scoring the highest marks was declared winner. Total 10 teams participated in above event in a team of 4-9 members.

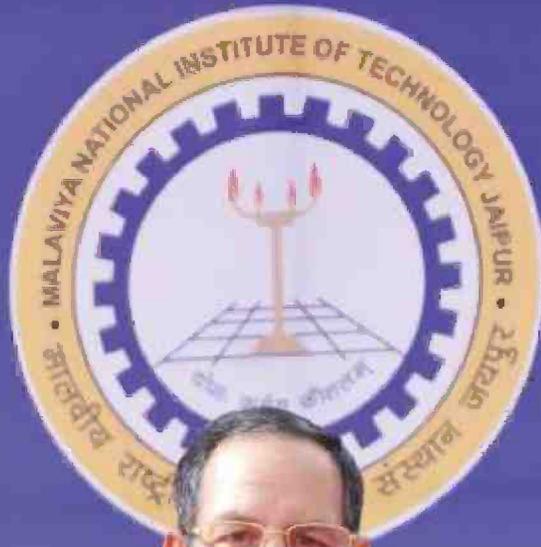
10.12.3 Rashtriya Ekta Diwas

On 31 Oct. 2014, the Birth Anniversary of Sardar Vallabhbhai Patel was celebrated at the Institute as Rashtriya Ekta Diwas or Quami Ekta Divas or National Unity Day. Following educational and interactive programs were organized for students by the Creative Arts and Cultural Society, MNIT.

- (i) The 'Run for Unity' organized in the morning, students

- enthusiastically participated in a marathon. Faculty, students and staff members of the Institute took the pledge for upholding the unity, integrity and security of the nation. The pledge was administered by Prof. Rohit Goyal, Dean, Planning and Development. Volunteer students of the National Service Scheme, participated in cleanliness drive of the campus and took an oath to maintain the safety and security of our country.
- (ii) A photography exhibition focusing on the life and pictures of Sardar Vallabhbhai Patel was organized in the Department of Architecture in which around 150 photographs were displayed. A large number of students visited the exhibition. Books on Sardar Vallabhbhai Patel's life and achievements were displayed for students in the Central Library of the Institute.
- (iii) Several events including a debate competition and a panel discussion on National Unity, Safety and Security were organized on this day. Speakers in the discussion included Prof. Ramesh Arora (Visiting Prof. HRM RIPA), Dr Vibhuti Singh Shekhawat (Head, Deptt. of Humanities & Social Sciences, MNIT), Prof. Bhawani Singh and Prof. Shashi Sahai (University of Rajasthan). The panelists emphasized on the need to remain united to combat threats to the nation's security from outside.
- (iv) A documentary film on the life and times of Sardar Vallabhbhai Patel was also shown to the students as part of the celebration.

ANNEXURE



DIRECTOR

11. ANNEXURE

11.1 BOARD OF GOVERNORS

S.No.	Nomination under	Name and Designation of nominated persons	Will serve as
1.	Section 11 Clause (a)	Prof.K.K.Aggarwal , Chancellor-Lingayas University, Faridabad and Former Vice Chancellor-GGS Indraprastha University, Delhi	Chairman
2.	(b)	Prof.I.K.Bhat , Director, MNIT, Jaipur	Ex-Officio Member
3.	(c)	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi	Member
4.	(c)	The Financial Advisor Government of India, MHRD, Dept of Higher Education, New Delhi	Member
5.	(d)	Member to be nominated by State Govt.	Member
6.	(d)	Member to be nominated by State Govt.	
7.	(e)	Prof. Surendra Prasad , Director, IIT, Delhi	Member
8.	(e)	Prof.Shobhana Narsimhan , professor & Chairperson, Theoretical Science Unit, Bangalore	Member
9.	(f)	Prof.Ashok Sharma , Met. & Mat Engg. Dept., MNIT, Jaipur	Member
10.	(f)	Dr. Awdhesh Bhardwaj , Mechanical Engg. Dept., MNIT, Jaipur	Member
11.	Section 18 Clause (2)	Prof. M.K. Shrimali /Sh.Manish Jindal Registrar, MNIT, Jaipur	Secretary

11.2 FINANCE, BUILDING & WORKS AND OTHER COMMITTEES

Finance Committee

S. NO.	CONSTITUENCY	NAME
1	Chairman	Prof.K.K.Aggarwal , Chancellor-Lingayas University, Faridabad and Former Vice Chancellor-GGS Indraprastha University, Delhi
2	Ex-Officio Member	Prof.I.K.Bhat , Director, MNIT, Jaipur
3	Member	The Joint Secretary (Technical Education) Govt. of India, MHRD, Dept. of Higher Education Shastri Bhawan New Delhi
4	Member	Two persons nominated by the Board amongst the members
5	Ex-officio Member Secretary	Prof. M.K. Shrimali /Sh.Manish Jindal Registrar MNIT Jaipur, JLN Marg, Jaipur 302017

Building & Works Committee

S. No.	Name and Address	Designation
1	Prof. I.K. Bhat , Chairman, BWC MNIT Jaipur, JLN Marg,, Jaipur 302017	Director, Ex-Officio Chairman
2	Sh. Sanjeev K. Sharma , Directors (NITs), Department of Higher Education Ministry of Human Resource Development Government of India Shastri Bhawan, New Delhi 110 001	Nominee, MHRD
3	Sh. Manish Jindal , Registrar, PEC University of Technology, Sector 12, Chandigarh 160012	Nominee, BOG
4	Sh. Krishna Maheswari , Superintending Engineer (Civil, Planning) CPWD Circle, Sector-10, Vidhyadhar Nagar, Jaipur	Expert from Civil
5	Sh. Arjun Singh , Managing Director , JVVNL Jaipur	Expert from Electrical
6	Prof. Rohit Goyal , Dean (P&D), MNIT Jaipur, JLN Marg, Jaipur 302017	Dean, P&D
7	Prof. M.K. Shrimali /Sh.Manish Jindal Registrar MNIT Jaipur, JLN Marg, Jaipur 302017	Member Secretary

THE SENATE

S. No.	Name	Designation and Address
1.	Prof. I. K. Bhat	Director, Chairman Senate, MNIT Jaipur
2.	Prof. A. K. Khare	Ex-Pro Vice Chancellor, UP Technical University, Lucknow 09910075220
3.	Dr. S. Rangnekar	MANIT Bhopal, Bhopal 09425693993
4.	Prof. Ashok Bapna	Advisor & Member, State Planning, Board, Government of Rajasthan, Jaipur
5.	Prof. M. K. Shrimali	Dean, Administration and Professor, Civil Engg. Dept., MNIT Jaipur
6.	Prof. Rohit Goyal	Dean, (R & C) and Professor, Civil Engg. Department, MNIT Jaipur
7.	Prof. R. A. Gupta	Dean, Faculty Affairs, Professor Electrical Engg. Department MNIT Jaipur
8.	Prof. C. P. Sharma	Dean, Academic and Professor Metallurgical & Materials Engg. Department MNIT Jaipur
9.	Prof. R. C. Gupta	Dean, Students Welfare and Professor, Civil Engg. Dept., MNIT Jaipur
10.	Prof. Awadhesh Bhardwaj	Professor, Mechanical Engg. Dept., MNIT Jaipur
11.	Prof. Rajeev Shringi	Professor, Architecture & Planning Department MNIT Jaipur
12.	Prof. Alok Ranjan	Professor Architecture & Planning, Department, MNIT Jaipur
13.	Prof. Ravindra Nagar	Professor, Civil Engg Dept., MNIT Jaipur
14.	Prof. Rakesh Jain	Professor and Head, Mechanical Engg. Department MNIT Jaipur
15.	Prof. Upendar Pandel	Professor & Head, Metallurgical & Materials Engg. Department, MNIT Jaipur
16.	Prof. Sudhir Kumar	Professor & Head, Civil Engg. Department, MNIT Jaipur
17.	Prof. K. D. Gupta	Professor & Head, Chemistry Department, MNIT Jaipur
18.	Prof. K. C. Swami	Professor & Head, Physics Department, MNIT Jaipur
19.	Prof. Manoj Fozdar	Professor & Head, Electrical Engg. Dept., MNIT Jaipur
20.	Prof. M. C. Govil	Professor & Head, Computer Science & Engg. Department MNIT Jaipur
21.	Prof. Vineet Sahula	Professor & Head, Electronics & Comm. Engg. Dept., MNIT Jaipur
22.	Ar. Ram Niwas Sharma	Head, Architecture & Planning Dept. MNIT Jaipur
23.	Prof. G. S. Dangayach	Professor & Head, Department of Management Studies, MNIT Jaipur
24.	Dr. Suja George	Head, Chemical Engg. Department MNIT Jaipur
25.	Prof. Jyotirmay Mathur	Professor & Head, Centre for Energy and Environment, MNIT Jaipur
26.	Dr. V. S. Shekhawat	Head, Humanities Department, MNIT, Jaipur
27.	Dr. Vatsala Mathur	Head, Department of Mathematics, MNIT Jaipur
28.	Prof. M. S. Gaur	Professor, Computer Science & Engg. Department, MNIT Jaipur
29.	Prof. Ashok Sharma	Professor, Metallurgical & Materials Engg. Department, MNIT Jaipur

30.	Prof. Gopal Agarwal	Professor, Mechanical Engg. Department MNIT Jaipur
31.	Prof. S. L. Soni	Professor, Mechanical Engg. Department MNIT Jaipur
32.	Prof. A. P. S. Rathore	Professor, Mechanical Engg. Department MNIT Jaipur
33.	Prof. P. R. Soni	Professor, Metallurgical & Materials Engg. Department, MNIT Jaipur
34.	Prof. A. K. Bhargava	Professor, Metallurgical & Materials Engg. Department MNIT Jaipur
35.	Prof. A. B. Gupta	Professor, Civil Engg. Department MNIT Jaipur
36.	Prof. Gunwant Sharma	Professor, Civil Engg. Department, MNIT Jaipur
37.	Prof. Y. P. Mathur	Professor, Civil Engg. Department, MNIT Jaipur
38.	Prof. B. L. Swami	Professor, Civil Engg. Department, MNIT Jaipur
39.	Prof. A. K. Vyas	Professor, Civil Engg. Department, MNIT Jaipur
40.	Prof. Alok Gupta	Professor, Chemical Engg. Department MNIT Jaipur
41.	Prof. S. P. Chaurasia	Professor, Chemical Engg. Department MNIT Jaipur
42.	Prof. S. K. Sharma	Professor, Physics Dept. , MNIT Jaipur
43.	Prof. K. R. Niazi	Professor, Electrical Engg. Department MNIT Jaipur
44.	Prof. K. C. Jain	Professor, Mathematics Department MNIT Jaipur
45.	Prof. Rashmi Jain	Professor, Mathematics Department, MNIT Jaipur
46.	Prof. M. K. Banerjee	Steel Chair Professor, Metallurgical & Materials Engg., MNIT Jaipur
47.	Prof. V. Sinha	Professor, Electronics & Comm. Engg. Dept., MNIT Jaipur
48.	Dr. Lava Bhargava	Associate Dean (UG) & Associate Professor, ECE Dept., MNIT Jaipur
49.	Prof. D. Boolchandani	Associate Dean (PG) & Professor, ECE Dept., MNIT Jaipur
50.	Prof. Dilip Sharma	Professor, Mechanical Engg. Dept., MNIT Jaipur
51.	Prof. R. P. Yadav	Professor, Electronics & Comm. Engg. Dept., MNIT Jaipur
52.	Prof. K. K. Sharma	Professor, Electronics & Comm. Engg. Dept., MNIT Jaipur
53.	Mr. Manish Jindal	Registrar & Secretary MNIT Jaipur
54.	Mr. Sobhagya Mittal Yadav (2011UAR1302)	Students representative UG
55.	Mr. Singh Anand Shambhu (2013PEV5047)	Students representative PG
56.	Sh.Manish Jindal MNIT Jaipur, JLN Marg, Jaipur 302017	Registrar

11.3 RESEARCH PROJECTS AND CONSULTATION JOBS

1. Summary of Major Sponsored Research Scheme & Consultancy Projects

DEPARTMENT OF CIVIL ENGINEERING

Continuing Sponsored Research Projects (started earlier than 1st April, 2014)

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry / PSU/Govt./ Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1	Strengthening of Research and Teaching Facilities in the Department (FIST)	Dr. Mahesh K. Jat	DST	Govt.	67	Ongoing
2	CDOS stone research chair	Dr. Ravindra Nagar	Center For Development of Stone	R&D	100.37	Ongoing
3	Study of urban heat island of Indian cities and development of ANN model for scientific planning to control urban heat island effect	Dr. Sumit Khandelwal	SERB, DST, New Delhi	Govt.	14.46	Completed
4	Development of field test kit for detection of total coliform and E-coli in drinking water	Dr. Urmila Brighu	Communication and Capacity Development Unit, Water and Sanitation Support Organization, Government of Rajasthan	Govt.	8.92	Completed
5.	Community Management of Rural Water Supply Systems: Community Plus	Dr. Urmila Brighu	Australian Aid	R&D	3.27	Ongoing
6.	Experimental and analytical studies for the short term and long term behavior of Epoxy Bonded Steel-Concrete Composite Bridges Budget Distribution: MNIT Jaipur: Rs. 25,84,900, IIT Delhi : Rs. 13,28,680	Dr. Sandeep Chaudhary	DST	R&D	39.14	Ongoing

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry / PSU/Govt./ Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1	Experimental Investigations of Bond Characteristics of Steel-Concrete Composite Interface Connected by Adhesive Bonding	Dr. Sandeep Chaudhary	The Institution of Engineers (India)	R&D	0.75	Ongoing
2	Indigenous design and development of prototype base isolation systems for earthquake hazard mitigation	Dr. S. D. BHARTI	DST, New Delhi	Govt.	530.24	Ongoing
3.	Treatment of Textile Wastewater Using Modified Sand As A Low Cost Adsorbent	Dr. Urmila Brighu	Rajasthan State Pollution Control Board (RSPCB)	Goct.	14.42	Ongoing



Continuing Consultancy Projects started and completed in the year 2014-15

S. No.	Name of the Project	Team Members	Client	Type of funding agency (R&D/ academic/ Industry / PSU/Govt./ Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1	Mix Design (M30) and Proof Checking of Structural Design & Drawings of RCC CWR 100,175&200kl at Mansarovar, Dist. Jaipur	Vinay Agarwal	M/s S.N. Construction Co., Dist. Jaipur	Industry	0.62	Completed
2	Vetting of Structural Drawings of Box Culvert and Manhole	Vinay Agarwal	Chandra Spun Pipe Co., Ajmer	Industry	0.56	Completed
3	Structural Audit of ESIC Hospital, Bharatpur	Sandeep Chaudhary	Director, Regional Office, ESIC, Panchdeep Bhavan, Bhavani Singh Marg, Jaipur-302001	PSU	1.46	Completed
4	Concrete Mix Design of four types using up to 80 mm aggregates	Sandeep Chaudhary	Executive Engineer, Water Resources Division, Sawai Madhopur	Govt.	1.38	Completed
5	Proof checking of Design, Drawings of RCC structures for Bisalpur, Dudu, Bassi Water Supply Project of PHED.	S.K.Tiwari	Sr. Project Manager, NCC Limited, Jaipur	Govt.	0.56	Completed
6	Mix Design of M10, M15, M20 & M25	A. S. Jethoo	The Executive Engineer, Water Resources Div. Tonk	Govt.	1.12	Completed
7	Geotechnical investigation for RCC OHSR at DALOTA (capacity 190 KL/18m , Khetri.	S.K.Tiwari	M/S Gadhawal Tubewell Company, Katarathal, Sikar	Industry	0.79	Completed
8	Job Mix design of DBM, BC, WMM & GSB	B.L. Swami	The Executive Engineer, IPIU, RUSDIP (RUIDP-Phase-II), Alwar	PSU	0.90	Completed

9	Testing of Bitumen VG-30	B.L. Swami	Mr. Zakir Ahmed Siddiqui, Chief Project Manager, GHV (India) P.L., Beawar Gomti, NH-8	Industry	0.56	Completed
10	Geotechnical investigation for RCC OHSR, CWR at Indra Gandhi Nagar Jaipur	S.K.Tiwari	M/S Jai Shree Ganesh Construction Jaipur	Industry	0.79	Completed
11	Consultancy for geotechnical investigation (SBC test) for construction of STP at Bharatpur.	S.K.Tiwari	Executive Engineer RUSDIP/IPIU-Bharatpur (letter No RUSDIP/IPIU/BPR/2 014-15/3119 dated 08.04.2014)	PSU	2.25	Completed
12	Proof checking of structural design and drawings of MG 'A' (S +11) 44 Nos. of flats at Sector 18, Pratap Nagar, Jaipur	Rajesh Gupta	M/s Axis Architects, 8 A Kailash Path, Suraj Nagar(W), Civil Lines, Jaipur	Industry	1.69	Completed
13	Proof checking of structural design and drawings of 2 nos. ESR at Neem Ka Thana	Rajesh Gupta	M/s Unipro Techno Infrastructure Pvt. Ltd., Sector 18-D, Chandigarh	Industry	0.56	Completed
14	Vetting of Structural Drawings of LIG/EWS Flats (G+2) at Hanumangarh	Vinay Agarwal	The Resident Engineer, RHB, Div-Hanumangarh	Govt.	0.79	Completed
15	RIICO Training on EC, EIA Studies, NBWL/CGWA Clearances	Rohit Goyal	RIICO, Jaipur	Govt.	0.00	Completed
16	Proof checking of two RCC OHSR and Concrete Mix Design for grade M-30	Rajesh Gupta	Executive Engineer, PHED, City Division Bharatpur	Govt.	0.56	Completed
17	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 800 & CWR 500kl at Dist. Jaipur	Vinay Agarwal	M/s Bishambar Dayal Sinsinwar, Dist. Jaipur	Industry	0.56	Completed
18	Mix Design (M30) and Proof Checking of Structural Design & Drawings of RCC SR 100,200&310kl at Dist. Jaipur	Vinay Agarwal	M/s Yadav Construction Company, Dist. Jaipur	Industry	0.62	Completed
19	VEETING OF DESIGN OF HDPE PIPE LINE IN PUNAYATA INDUSTRIAL AREA PALI	Y. P. Mathur	H M PIPES PVT. LTD JAIPUR	Industry	0.00	Completed

20	Mix Design for Work of execution of Reg. Water Supply Scheme of 283 villages and the NRVs and Dhanies of Deeg and Nagar Tehsils of District Bharatpur under Chambal-Dholpur-Bharatpur, augmentation of UWSS Deeg and Nagar Town	Sandeep Chaudhary	Executive Engineer PHED, Project Div II, Bharatpur	Govt.	0.84	Completed
21	Consultancy for the work of Mix Design for Concrete Grade M-20, M-25, & M-30. For Integrated Taranagar- Jhunjhunu-Sikar-Khetri Drinking Water Supply Project, PKG-1	S.K.Tiwari	Mr. A.P. SARANGI AGM-TECH , NCC Limited, Jaipur letter no- NCC/PHED/JWSP/P KG-I/A-1/80. Dated 22.04.2014	Govt.	0.84	Completed
22	For proof checking of Design, Drawings of RCC slab including lintel and chhajja for relay room, battery room and generator at L.C number 6, 63, 145,165,170,173 at JP-Division NWR	S.K.Tiwari	M/S Vijay Kumar Jain RAILWAY AND PWD CONTRACTOR, BANDIKUI	Industry	0.56	Completed
23	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 800 & 1100kl at Sanganer, Dist. Jaipur	Vinay Agarwal	M/s Suraj Bhan Bishnoi, Dist. Jodhpur	Industry	0.56	Completed
24	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 750 & CWR 1000kl at I.G. Nagar, Dist. Jaipur	Vinay Agarwal	M/s Jai Shree Ganesh Construction, Dist. Jaipur	Industry	0.56	Completed
25	Proof Checking of RCC Structural Designs and Drawings of 160 MLD Water Treatment Plant at Dhhanasar	Rajesh Gupta	SPML Infra Limited, Plot No. 65, Sector 32, IA, Gurgaon, Haryana	Industry	2.25	Completed
26	Consultancy of Proof checking of Design, Drawings and Geotechnical investigation reports of RCC structures for Taranagar & Malsisar Water Supply Project of PHED.	S.K.Tiwari	Mr. A.P. SARANGI AGM-TECH , NCC Limited, Jaipur letter no- NCC/PHED/JWSP/P KG-I/A-1/78, Dated 16.04.2014	Govt.	1.35	Completed
27	Proof Checking of design & drawing of RCC OHSR at DALOTA (capacity 190 KL/18m , khetri.	S.K.Tiwari	M/S Gadhawal Tubewell Company, Katarathal, Sikar letter dated 01/05/2014	Industry	0.56	Completed

28	Proof Checking of Structural Drawings of MIG-B (B+S+10) Flats at Sector-11, Pratap Nagar, Jaipur	Vinay Agarwal	The Resident Engineer, RHB, Div-XII, Jaipur	Govt.	1.46	Completed
29	Mix Design of concrete M-25 and M-30 for package of Road RWSS of 226 tehsil roopwas, Kumbher, Bharatpur	Arun Gaur	XEN, PHED,CDBP , Division-I Bharatpur	Govt.	0.56	Completed
30	Mix design for DRLC and PQC	Arun Gaur	T.R.Meena, Asstt. Gen Manager (Engg-C),AIA, Kishangarh Airport Project (Ajmer)	Govt.	0.90	Completed
31	Vetting of Structural Design & Drawing of STP at Bharatpur	M. K. Shrimali	Namotech, Jaipur	Industry	1.69	Completed
32	Proof Checking of RCC Structural design of TVCC Building at Jaipur for RAJUVAS, Bikaner	Sumit Khandelwal	Mr. B.K. Acharya, Director Works (E.O.), Rajasthan University of Veterinary & Animal Sciences, Bikaner	Academic	1.25	Completed
33	Consultancy charges for overlay design & six laning of road at I/A Tapukara, Bhiwadi	B.L. Swami	The Sr. Regional Manager, RIICO, Unit-II, Bhiwadi	Govt.	0.56	Completed
34	Condition assesment of approach wall of RoB at Gangapur city	M. K. Shrimali	Project Director, RSRDC Ltd. Jaipur Unit- Bhusawar	Govt.	3.14	Completed
35	Consultancy charges for inspection of various civil works under unit Jhunjhunu	B.L. Swami	The Regional Manager, RIICO Ltd., Jhunjhunu	Govt.	0.56	Completed
36	Proof checking of structural design and drawings of 2 nos. CWR and 1 no. ESR at Neem Ka Thana	Rajesh Gupta	M/s Unipro Techno Infrastructure Pvt. Ltd., Sector 18-D, Chandigarh	Industry	0.56	Completed
37	Proof checking of one RCC OHSR and Concrete Mix Design for grade M-30	Rajesh Gupta	Executive Engineer, PHED, City Division Dholpur	Govt.	0.56	Completed
38	Consultancy charges for overlay design & six laning of road at I/A Tapukara, Bhiwadi	B.L. Swami	The Sr. Regional Manager, RIICO, Unit-II, Bhiwadi	Govt.	0.56	Completed

39	Proof checking of design and drawing of structures of Bisalpur Tonk Uniyara Water Supply Project, Package I (Eleven Structures)	Sandeep Chaudhary	L & T Limited, Construction, Water & Effluent Treatment Mount Poonamalle Road, Manapakkam, P. B. No. 979, Chennai, India Project Office: Plot No. 23, Panchsheel Enclave, Bh Clark Amer, JLN Marg, Jaipur	Industry	0.34	Completed
40	Consultancy for Bridge pile foundation work	S.K.Tiwari	Executive Engineer(Project-1), JDA Jaipur	Govt.	1.69	Completed
41	Consultancy for proof checking of drawing and design of office building, masonry structure ground floor	S.K.Tiwari	RAO CONSTRUCTION COMPANY Rewari, Haryana	Industry	0.56	Completed
42	DPR Appraisal of Sewrage project Gangapur City	Y. P. Mathur	Nagar Parishad Gangapur City Sawai Madhopur	Govt.	0.56	Completed
43	Vetting of Structural Design & Drawing of PSS Bridge Girder at Rawasan at Lal Dhang Dist. Meethiberi	M. K. Shrimali	Managing Director, Strength Engineering Services pvt. ltd. Jaipur	Industry	1.12	Completed
44	Vetting of Structural Design & Drawing of PSS Bridge Girder at Salwede at Ratangarh Dist. Nanital	M. K. Shrimali	Managing Director, Strength Engineering Services Pvt. Ltd. Jaipur	Industry	1.12	Completed
45	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 150 kl at RWSS Gopalpura, Tehsil Dudu, Dist. Jaipur	Vinay Agarwal	M/s Kumawat Construction, Dist. Jaipur	Industry	0.56	Completed
46	Proof Checking of Structural Drawings of MIG-B (B+S+11) Flats at Sector-8, Pratap Nagar, Jaipur	Vinay Agarwal	The Resident Engineer, RHB, Div-V, Jaipur	Govt.	1.46	Completed
47	Vetting of Structural Drawings of RCC SR, CWR and STPat Kotkasim, Dist. Alwar	Vinay Agarwal	M/s Sun System Institute of Information Technology Pvt. Ltd., Dist. Alwar	Industry	0.56	Completed

48	Vetting of Structural Drawings of RCC SR 260kL & CWR 520kL at Siddhi Vinayak Affordable Homes, Village-Nevta, Tehsil Sanganer, , Dist. Jaipur	Vinay Agarwal	M/s Siddhi Vinayak Affordable Homes., Dist. Jaipur	Industry	0.56	Completed
49	IWRM Plan for KBNIR in Rajasthan	Rohit Goyal	CH2M Hill (India) Pvt. Ltd.	Industry	0.56	Ongoing
50	Condition assesment of Masonary wall of RoB 252 "B" Bharatput-Mathura Road Dist Bharatpurat Gangapur City	M. K. Shrimali	Project Director, RSRDC Ltd. Unit-Bhuswar-II	Govt.	3.14	Completed
52	Testing of Modified Evaporative Cooler	Dilip Sharma	GIAN North Jaipur	Industry	0.00	Completed
53	Design Of Wet Mix Macadam (WMM)	Arun Gaur	Project Director RSRDC	Govt.	0.56	Completed
54	Vetting of structural designs and drawings of OHSRs, CWRs and pump houses	Rajesh Gupta	M/s Nag Infrastructure Consulting Engineers Pvt. Ltd., Kamalपुरi Colony, Phase I, Hyderabad	Industry	3.03	Completed
55	Consultancy for Civil Works at I/A Apparel Park, Bassi, Lalsot & Bapi under Unit Office	Gunwant Sharma	SRM, RIICO, Malaviya Industrial Area, Jaipur	Industry	0.56	Completed
56	Design of overlay using Benkelman Beam deflection and traffic study for re-carpeting work at Vatika road and Kallawala to Govindपुरa road in Zone -14, JDA, Jaipur	B.L. Swami	The Executive Engineer, Zone - 14, Jaipur Development Authority, Jaipur	Industry	0.56	Completed
57	Proof checking of two RCC OHSRs and Concrete Mix Design for grade M-35	Rajesh Gupta	M/s Maverick Dev. & Col. Pvt. Ltd., Vaishali Nagar, Jaipur	Industry	0.56	Completed
58	Consultancy of Proof checking of Design, Drawings of RCC SRS for RWSS 226 villages and their NRVs & Dhanies of Roopwas, Bharatpur & Kumbher Tehsils of Distt. Bharatpur under CDBP WS project & Augmentation of UWSS of Kumher	S.K.Tiwari	M/S. SHISHUPAL SINGH PARIHAR Govt Contractor & Suppliers, Jaipur	Industry	4.85	Completed

59	Job Mix design of GSB,WMM,DBM and BC	Arun Gaur	Regional Manager RIICO Neemrana	Govt.	0.84	Completed
60	Study of sediments and water at Bisalpur	Urmilla Brighu	Degremont Ltd.	Industry	7.87	Completed
61	Vetting of Structural Design of Project Vasant Kunj (affordable) at Ralawta (Jaipur)	Ravindra Nagar	M/s Renaissance Buildhome Pvt. Ltd., 6D, Corporate Tower, A-2, Near Jawahar Circle, JLN Marg, Jaipur	Industry	2.25	Completed
62	Concrete Mix Designs	Ravindra Nagar	M/s Renaissance Buildhome Pvt. Ltd., 6D, Corporate Tower, A-2, Near Jawahar Circle, JLN Marg, Jaipur	Industry	0.56	Completed
63	Vetting of Structural Drawings of Drug Ware House in SMS Hospital, Jaipur	Vinay Agarwal	M/s Roopa & Co., Jaipur	Industry	0.56	Completed
64	Geotechnical investigation for at Jaipur Metro Dairy, Govindgarh	S.K.Tiwari	The Manager (Projects) RCDF LTD. Jaipur	Govt.	2.25	Completed
65	Consultancy for testing of Soil samples delivered at MNIT Jaipur (collected from 6.279 MCM cap. RWR from Malsisar by staff of the Company from the site)	S.K.Tiwari	AGM Tech, NCC limited Jaipur	Govt.	0.56	Completed
66	Geotechnical Investigation for RCC SRS Cap 140 KL/18m at Village Padeva and Cap 125L/18m and 170KL/18m at village Bansiyal, Tehsile Khetri.	S.K.Tiwari	M/S. Gurjar Builders Sheetla Road,Sikar (Raj)	Industry	0.79	Completed
67	To evaluate quantities of material and reinforcement in two shapes (circular and rectangular) of CWR of 1500 kL capacity in Mathur Vaishya Nagar, Jaipur, Package No. 4, Sanganer	Sandeep Chaudhary	Executive Engineer, PHED, Dist Rural Div. I, Jaipur	Govt.	0.56	Completed
68	Hydraulic Design of a Check Dam at Sotanala near Keshwana Industrial Area	Mahesh Kumar Jat	Shree Krishna Paper Mills & Industries Limited, RICCO Industrial Area, Keshwana, The. Kotputli, Dist Jaipur (Raj.)	Industry	0.00	Completed

69	Mix Design (M30) and Proof Checking of Structural Design & Drawings of RCC SR 200kL & CWR 125KL at Achrol, Dist. Jaipur	Vinay Agarwal	M/s Shyam Industries, Dist. Jaipur	Industry	0.56	Completed
70	Mix Design (M30) and Proof Checking of Structural Design & Drawings of RCC SR 100kL at RWSS Mojpur, Tehsil Mahuwa, Dist. Dausa	Vinay Agarwal	M/s Roop Singh Meena Contractor, Dist. Dausa	Industry	0.56	Completed
71	Proof checking of structural design and drawings of Proposed Vachnalaya at Barkat Nagar, Jaipur	Rajesh Gupta	M/s Sanmati Construction, Gangori Bazar, Jaipur	Industry	0.56	Completed
72	Concrete Mix Designs	Ravindra Nagar	M/s. Shree Cement Ltd., SB-187, Opp. Rajasthan University, JLN Marg, Jaipur	Industry	0.56	Completed
73	Proof checking of Design & Drawing of MJB for RSRDC Project.	Ravindra Nagar	M/s. Varaha Infra Ltd., House No.705, B.R.K. Puram, Kota-324005 (Rajasthan)	Industry	1.69	Completed
75	Proof Checking of Structural Design/Drawings for C/o 500 Bedded Boys Hostel and 210 Bedded Girls Hostel with provision for future vertical extension on III floor	Sandeep Chaudhary	Executive Engineer, Jaipur Central Division-II, CPWD, Jaipur	Govt.	5.62	Completed
76	Vetting of Structural Drawings of Quarter and office building at Rewari	Vinay Agarwal	M/s Anand Builders	Industry	0.56	Completed
77	Mix Design for M25 and M35 grade concrete for providing RUB at locations 31, 35, 39,41,45,46,48 &49 in ADSLBHL Jurisdiction	Putul Halder	Senior Section Engineer, NW Railway, Bhilwara	Govt.	0.00	Completed
78	Proof checking of structures of project RWSS of 246 villages & their NRVs	S.K.Tiwari	S.T.S Pvt. LTD.	Industry	2.53	Completed
79	Design of overlay using Benkelman Beam deflection and traffic study for designing of road Brighu Path, Mansarovar, Jaipur	B.L. Swami	The Resident Engineer, Div. VI, Rajasthan Housing Board, Mansarovar, Jaipur	Govt.	0.56	Completed

80	Consultancy for Bridge pile foundation work	S.K.Tiwari	Executive Engineer(Project-1), JDA Jaipur	Govt.	0.00	Completed
81	Geotechnical Investigation for RCC OHRS at WSS Kolida,Beri,Tarapur	S.K.Tiwari	Ex.En. , PHED ,Div Sikar ,Letter no-F () Anke -Zlla /2014-15/3365	Govt.	0.79	Completed
82	Vetting of Structural Drawings of G.N.M.T.C. Hostel at Bhilwara	Vinay Agarwal	M/s Karni Enterprises	Industry	0.56	Completed
83	Vetting/Proof checking of Design & Drawings of lift pit for office building of Custom & Central Excise at Sector-10, Vidyadhar Nagar, Jaipur	Ravindra Nagar	The Executive Engineer, CPWD, Div.I, Jaipur	Govt.	1.10	Completed
84	Proof Checking of Railway Type II Quarter and other small structures	Sumit Khandelwal	Brijbihari Agarwal, Railway Contractor, Gudha Katla Road, Bandikui, Daussa	Industry	0.56	Completed
85	Proof checking of Drawings and Designs of RCC SRs at WSS Kolida, Beri and Tarapur, Mix Design M30 Grade, Testing of steel, Cubes for these SRs	S.K.Tiwari	The Ex. En., PHED Sikar	Govt.	0.79	Completed
86	Proof checking of structural design and drawing of bridge at Gambhir river and ROB at Hindaun Bypass	Sandeep Chaudhary	Project Director, RSRDC Ltd., Unit-DAUSA	Govt.	5.62	Completed
87	Mix Design (M30) and Proof Checking of Structural Design & Drawings of RCC SR 125kL at RWSS Sama Doongar, Block Jhotwara, Dist. Jaipur	Vinay Agarwal	Shri Shyam Construction Co., Dist. Jaipur	Industry	0.56	Completed
88	Vetting of Structural Design and drawing of Multipurpose indoor hall at Chainpura, Jodhpur	S.D. Bharti	Creation Cons Arch Constr Engineers Pvt. Ltd. 606, Crystal Palm, 22-Godown, Sahakar Marg Jaipur	Industry	0.00	Completed
89	Concrete Mix Design for grade M-25 and M-30 for project Vedanta at Jagatpura, Jaipur	Rajesh Gupta	M/s Renaissance Buildhome Pvt. Ltd., Corporate Tower, J.L.N. Marg, Jaipur	Industry	0.56	Completed

90	Concrete Mix Design (M-25) for Affordable Housing at Goner, Jaipur.	Ravindra Nagar	Shri Anil Kumar Gupta, Director, Renaissance Buildhome Pvt. Ltd., 6D, Corporate Tower, A-2, Near Jawahar Circle, JLN Marg Jaipur-302017	Industry	0.56	Completed
91	APPROVAL OF DESIGN AND DRAWINGS OF CROSS REGULATOR	Y. P. Mathur	EXECUTIVE ENGINEER WATER RESOURCES DIVISION RAWATSAR	Govt.	1.69	Completed
92	Vetting of structural design/drawings of CWR, CW pump house and RW pump house at Dhannasar under Fatehpur Laxmangarh Water Supply Project	Rajesh Gupta	M/s SPML Infra Limited, Plot No. 65, Sector-32, IA, Gurgaon, Haryana	Industry	1.12	Completed
93	Vetting of Structural Design and Drawing of Affordable Housing at Atoon, Bhilwara	M. K. Shrimali	Creation Cons Arch & Const Engineer Pvt. Ltd 606, Crystal Palm SP Marg, Jaipur	Industry	1.24	Completed
94	Proff Checking of design & drawing of RCC OHSR at Bansiyal (capacity 125KL/18m, 170 Kl/18m), Padeva (140KL/18m)	S.K.Tiwari	Gurjar Builders, Sheetla Road, Sikar, Rajasthan	Industry	0.56	Completed
95	Quality Monitoring & stage verification for modern wearhousing	Ravindra Nagar	Rajasthan State Warehousing Corporation. Jaipur	Govt.	2.25	Ongoing
96	Technical Examination of existing ESR at Village Tasai and Roneejathan under Sub Div Kathumar, Dist. Alwar (Rajasthan)	Vinay Agarwal	The Executive Engineer, PHED, Div-Rajgarh	Govt.	1.80	Completed
97	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 150 cum at RWSS Patan-Ramjipura, Tehsil Bassi, Dist. Jaipur	Vinay Agarwal	M/s Jain Pipe Fitting works	Industry	0.56	Completed
98	PROOF CHECKING OF STRUCTURAL DRAWINGS & DESIGNS OF 2 OHSR and 1 CWR tanks under one water supply scheme	Rajesh Gupta	INDIA ENGINEERS & SUPPLIERS, NAVJEEVAN COMPLEX, STATION ROAD, JAIPUR	Industry	0.56	Completed

99	Concrete Mix Design for Grade M-25 & M-30 for project "Ananta Jagat" Bhiwadi, Alwar	Ravindra Nagar	Renaissance Buildhome Pvt. Ltd., 6D, Coorporate Tower a-2, Near Jawahar Circle, JLN Marg, Jaipur	Industry	0.56	Completed
100	Checking of design and drawing of Vented Causeway	Mahesh Kumar Jat	Sihag Construction Company, Vpo-Sigra, Vaya - Mandawa, Dist - Jhunjhunu (Raj)	Industry	0.90	Completed
101	Proof Checking Of Structural Design & Drawing Of STP at Srigangangar	M. K. Shrimali	Vishnu Prakash R Punglia Ltd.	Industry	1.12	Completed
102	Technical Examination of existing old ESR at Village Talab Under Sub Div Rajgarh. Dist. Alwar	Vinay Agarwal	The Executive Engineer, PHED, Div-Rajgarh	Govt.	0.90	Completed
103	FCI Godown at Banswara & Dungarpur	Y. P. Mathur	Nav Infrastructure Jaipur	Industry	0.56	Completed
104	Vetting of Structural Drawing of SR, STP CWR at Sahabagita Awas Yojana, Village Jirota Kalan, Dist. Dausa	Vinay Agarwal	Amit Colonizers Ltd.	Industry	0.56	Completed
105	Testing of Bitumen VG-40	B.L. Swami	H.R. Infra Engineering Pvt. Ltd.	Industry	0.56	Completed
106	Proof Checking Of Structural Design & Drawing of Holiday Home at Ajmer	Sandeep Chaudhary	CPWD	Govt.	1.69	Completed
107	Testing of Steel Bars (25 mm, 20mm, 16mm, 12mm, 10mm, 8mm) for Work of RWSS of 72 Villages and 24 NRVS & thier Dahnies of Tehsil Nawa under Bisalpur Dudud Water Supply Project	Sandeep Chaudhary	SPML Infra Limited, Plot No. 65, Sector 32, IA, Gurgaon, Haryana	Industry	0.56	Completed
108	Consultancy for geotechnical investigation for classification of strata at Karauli.	S.K.Tiwari	Wadia Techno Engineering Services Ltd.	Industry	6.74	Completed
109	Proof checking of structural designs and drawings of CWRs, SRs and Pump Houses for Gangapur Nadouti Karauli Water Supply Scheme	Rajesh Gupta	SPML Infra Limited, Plot No. 65, Sector 32, IA, Gurgaon, Haryana	Industry	2.13	Completed

110	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 50 KL at Jharana Khurd, Tehsil Phagi, Dist. Jaipur	Vinay Agarwal	Harinarayan Constructions	Industry	0.56	Completed
111	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 50 KL at Aajnota, Tehsil Phagi, Dist. Jaipur	Vinay Agarwal	Dagar Construction Co., Jaipur	Industry	0.56	Completed
112	VETTING OF STRUCTURAL DESIGN AND DRAWING OF FOOT OVER BRIDGE AT BHAWANI SINGH ROAD, NEW RAJENDRA MARG, JAIPUR	S.D. Bharti	N.S. Publicity India Pvt. Ltd.	Industry	1.80	Completed
113	Proof Checking of design and drawings of bridge including geotechnical investigation report	S.K.Tiwari	Theme Engineering Services Pvt. Ltd.	Industry	3.37	Completed
114	Design for M25 and M30 for construction of Navkrashi Bhavan at Nakoda ji, Balotra (Rajasthan)	Sandeep Chaudhary	Siwal Infracon Pvt. Ltd.	Industry	0.56	Completed
116	Testing of Bhaskar Mark Steel Reinforcement TMT500	Rajesh Gupta	Rajasthan Awasth Vikas & Infrastructure Limited	Govt.	0.56	Completed
117	Mix Design M30 and Proof Checking of Design and Drawings of RCC SRS 100 KL	Vinay Agarwal	Kailash Chand Choudhary, Mandor, Dist. Jaipur	Industry	0.56	Completed
118	Proof Checking of Structural Drawings of HIG (B+S+ 11) Flats st Sector-8, Pratap Nagar, New Sanganer Road, Mansarovar, Jaipur	Vinay Agarwal	The Resident Engineer, RHB, Division-IX, Jaipur	Govt.	1.46	Completed
119	Proof checking of the design and drawing of 10.56 MLD output capacity rapid gravity filter water treatment plant and RCC framed structure of Clear Water Pump House under the Regional Water Supply Scheme of 82 Villages of Bagidora & Banswara Tehsil	Sandeep Chaudhary	Larsen & Tubro Ltd.	Industry	1.40	Completed

120	Proof checking of the design and drawing of two Intake Well Structures & Approach Bridges under the Regional Water Supply Scheme of 334 Villages of Bagidora & Banswara Tehsil	Sandeep Chaudhary	Larsen & Tubro Limited	Industry	1.69	Completed
121	Proof Checking of Design of RE Wall of RoB at Phulera Section at Nawa City Station	M. K. Shrimali	Vishnu Prakash R Punglia Ltd Jodhpur	Industry	1.12	Completed
122	Proof checking of structural designs and drawings of two SRs to be constructed at Bagru, Jaipur	Rajesh Gupta	Kritika Apartments Pvt. Ltd.	Industry	0.56	Completed
123	Mix Design (M30) and vetting of structural Drawings of RCC SR 160 KL at Bajrangpura, Tehsil Virat Nagar, Dist. Jaipur	Vinay Agarwal	M/s Sonal Construction Company	Industry	0.56	Completed
124	Mix Design (M30) and vetting of structural Drawings of RCC SR 1000 & 2000KL at Sanganer, Dist. Jaipur	Vinay Agarwal	M/s Yadav Construction Company,	Industry	0.56	Completed
125	Testing of water for construction purpose	Mahesh Kumar Jat	RITES	Industry	0.56	Completed
126	Carrying out Mix Design for RCC Structures of Regional Water Supply Scheme of 82 Villages of Bagidora and Banswara Tehsil	Dr. Rajib Sarkar	L&T Construction Water and Effluent Treatment	Industry	1.69	Completed
127	Strengthening of road using Benkelman Beam and Traffic Census at I/A Neemrana -II	Arun Gaur	Sr. Regional Manager RIICO limited Neemrana	Govt.	0.56	Completed
128		Y. P. Mathur	Rajasthan Urban Infrastructure Finance & Development Corporation Ltd.	Govt.	0.80	Completed
129	Mix Design (M30) and Proof Checking Of Structural Design & Drawings of RCC SR 400kl at RWSS Mahuwa	Vinay Agarwal	Ummaid Kumar Meena	Industry	0.56	Completed
130	Consultancy for geotechnical investigation (SBC test of soil) at Bhilwara dairy.	S. K.Tiwari	The Manager (projects) Rajasthan Co-operative Dairy Federation Ltd. Saras Sankul J.L.N. Marg, Jaipur	Govt.	2.25	Completed

131	Consultancy for Geotech Investigation of RCC OHSR Cap 345KL/18m at WSS SAUNKHAR, Teh - Kathumar, Dist-Alwar	S.K.Tiwari	M/S International Tubewell Company	Industry	0.79	Completed
132	Mix Design (M35) and Proof Checking of Design & Drawings of RCC SRS 240&375KL at Dist. Karauli	Vinay Agarwal	M/s Narsi Prasad Singhal,	Industry	0.56	Completed
133	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SR 200kl at Tehsil Dudu, Dist. Jaipur	Vinay Agarwal	M/s Kumawat Construction,	Industry	0.56	Completed
134	Proof checking of structural designs and drawings of 345 kL OHSR and 100 kL CWR to be constructed under RWSS SONKHAR	Rajesh Gupta	The Executive Engineer	Govt.	0.56	Completed
135	Testing of DBM core cutter	Arun Gaur	RSRDC, Behror	Govt.	0.56	Completed
136	Vetting of structural design of project Affordable Housing at goner Jaipur	RAVINDRA NAGAR	Renaissance Build Home Pvt Ltd (Ashadeep Group)	Industry	2.25	Completed
137	Proof checking of design and drawings of Pumphouse at Neem Ka Thana	Rajesh Gupta	The Director, Unipro Techno Infrastructure Pvt. Ltd.	Industry	0.56	Completed
138	Appraisal of DPR for Wastewater Treatment	Y. P. Mathur	Nagar parishad Chittorgargh	Govt.	0.84	Completed
139	Vetting of structural designs and drawings of CWRs, Pump Houses and WTP for the work of RWSS of 226 villages and their NRVs & Dhanies of Roopwas Bharatpur & Kumher Tehsil of Distt. Bharatpur under CDBPWS project and augmentation of UWSS of Kumher Town	Rajesh Gupta	Pratibha Industries Ltd	Industry	4.49	Completed
140	vetting of structural design of office building for marketing and service extension center and craft museum at plot no g 76-77, EPIP Sitapura, Jaipur	Ravindra Nagar	Executive engineer Central Division 1 CPWD Jaipur	Govt.	2.25	Completed
141	mix design (M35) and vetting of structural Drawings of RCC SR 125 & CWR 250KL at I/A Apparel Park, Dist. Jaipur	Vinay Agarwal	Prithviraj Construction Company	Industry	0.56	Completed

142	SPT for RCC SR at I/A Apparel Park, Dist Jaipur	Dr. Rajib Sarkar	Prithviraj Construction Company	Industry	0.79	Completed
143	Vetting of drawing and design of 1 Mid SBR based STP at Central Park Jaipur	Y. P. Mathur	Eco Paryavaran Engineers & Consultants Pvt. Ltd.	Industry	2.47	Completed
144	Vetting of structural designs and drawings of 20 ELSRs for Talun Multi villages Rural Water Supply Scheme, Distt. Barwami, M.P.	Rajesh Gupta	Kalyan Toll Infrastructure Ltd	Industry	2.25	Completed
145	Proof Checking of RCC Box drain	M. K. Shrimali	Goyal Construction Jaipur	Industry	0.56	Completed
146	Sewage pumping station design at Tulsī Nagar Jaipur	Y. P. Mathur	Parul Construction Company	Industry	0.56	Completed
147	Appraisal of Drainage system DPR of Bari Town	Mahesh Kumar Jat	R Tech Infra Associates	Industry	0.90	Completed
148	Mix Design (M35) and Proof Checking of Design & Drawings of RCC SRS 120&200KL at Dist. Alwar	Vinay Agarwal	Ajay Pal Contractor	Industry	0.56	Completed
149	Multi Village Rural Water Supply Scheme of MP Jal Nigam	Y. P. Mathur	EPS Green Energy Pvt Ltd	Industry	2.25	Completed
150	Proof checking of design and drawing of RCC SR of Capacity 180 kL with 18 m staging at Village Kherli, under RWSS Kherli, Tehsil Bamanwas, Distt. Sawai Madhopur and providing Concrete Mix of grade M-35 for this work	Rajesh Gupta	Hari Singh PHED Contractor	Industry	0.56	Completed
151	Proof Checking of Structural Drawings for development of Bagrana Kachi Basti under Rajeev Awas Yojana, Agra Road, Jaipur,	Vinay Agarwal	The Executive Engineer (Housing-III), JDA, Jaipur	Govt.	1.46	Completed
152	Mix Design for M25 (SRC) and M30 (OPC 43) for work of execution of Reg. Water supply scheme of 283 villages and the NRVs & Dharies under Chambal Dholpur Bharatpur augmentation of UWSS Deeg & Nagar Town on single responsibility turnkey basis	Sandeep Chaudhary	Executive Engineer, PHED, Project Div. II, Bharatpur Chambal Head Works, Mallah Road, Bharatpur	Govt.	0.56	Completed

153	For proof checking of Design, Drawings of RCC retaining wall of ROB in lieu of LC 180-B at Gangapurcity	S.K.Tiwari	Project Manager Thoughts consultants, Jaipur	Industry	0.56	Completed
154	Proof Checking of Design & Drawing of RCC Box (underpass) & Retaining Walls, Dist. Bharatpur	Vinay Agarwal	The Team Leader IPMC	Industry	1.35	Completed
155	Carrying out M30 grade mix design	Dr. Rajib Sarkar	Rajendra singh Bhaboo Infra Pvt Ltd	Industry	0.56	Completed
156	Quality test of PQC and DBM	Arun Gaur	RSRDC	Govt.	0.56	Completed
157	Design of overlay thickness by Benkelmen beam deflection study, I/A Biliya, Phase I, II & III, Bhilwara	B.L. Swami	Regional Manager RIICO Bhilwara	Govt.	0.56	Completed
158	Quality Test of DBM and BC	Arun Gaur	RSRDC	Govt.	0.56	Completed
159	Cement Concrete Road Design , SiKandra	Arun Gaur	X.En PWD Sikandra	Govt.	0.56	Completed
160	Cement Concrete Road Design	Arun Gaur	PWD divison -I Alwar	Govt.	1.12	Completed
161	Proof checking of design and drawing of roof of RCC CWR at Adarsh Nagar and Secretariat	Rajesh Gupta	Executive Engineer PHED	Govt.	1.12	Completed
162	Mix Design (M30) and vetting of structural Drawings of RCC SR 2000kL & CWR 770kL at WSS Imliwala Phatak, Jaipur	Vinay Agarwal	Shubham Constructions	Industry	0.56	Completed
163	Consultancy for Inspection / rehabilitation of old RCC OHSRs at Beri, Tarpur and Gokulpura (Capacity 150KL, 100 KL & 120KL) District-Sikar	S.K.Tiwari	The Ex En PHED Div Sikar	Govt.	1.69	Completed
164	Proof Checking of Structural Design and Drawing of ESR & CWR of 7.5kL	M. K. Shrimali	Proof Checking Of ESR & CWR at Devnagar Jaipur	Industry	0.56	Completed
165	M30 Mix Design for various Gramin Gaurav Path of Division Nagaur	Sandeep Chaudhary	PWD, Nagaur Division, Govt. of Rajasthan	Govt.	0.56	Completed
166	Proof Checking of Design and Drawing of RCC Tank	M. K. Shrimali	Vishnu Prakash R Pungalia Ltd	Industry	1.12	Completed

167	Mix design of M-30	Sandeep Shrivastava	Office Executive Engineer PWD Parbatsar	Govt.	0.56	Completed
168	Four Laning of Jaipur Reengus of NH-11 Rougometer Unevenness Index test	B.L. Swami	Prakash Asphaltings & Toll Highway. Ltd.	Industry	0.56	Completed
169	Proof checking the drawings and designs of HIG-72 flats at Dwarka path mansarowar , Jaipur	Ravindra Nagar	Rajasthan Housing Board	Govt.	3.37	Completed
170	Mix Design (M30) and vetting of structural Drawings of RCC SR 200kL at Tehsil Phulera, Dist. Jaipur	Vinay Agarwal	Kumawat & Co.	Industry	0.56	Completed
171	Talun Multi Villages Rural Water supply Scheme, Distt. Barwani, M.P.- Vetting of Hydraulic Designs and Drawings Reg.	Rajesh Gupta	Kalyan Toll Infrastructure Ltd	Industry	1.12	Completed
172	To provide Mix Design of M-30 Grade Cement Concrete for Construction of CC Road	Rajesh Gupta	The Executive Engineer	Govt.	0.56	Completed
173	Mix Design (M30) and Proof Checking of Design & Drawings of RCC SRs 125, 175, 1800&300 KL at Dist. Jaipur	Vinay Agarwal	Vinayal Enterprises	Industry	0.73	Completed
174	vetting of Structural Design & Drawing of RC Framed Residential Building, G+6, under affordable housing scheme at Ajmer	S.D Bharti	Goldline Infrastructure Pvt Ltd	Industry	3.26	Completed
175	Regarding crust thickness design for M-30 grade CC pavement	Ajay Singh Jethoo	The Superintending Engineer PWD Circle Nagaur	Govt.	2.92	Completed
176	Strengthening and recarpeting of roads at I/A Sitapura & Institutional area Sita pura, Jaipur	B.L. Swami	Sr. Regional Manager RIICO SIA Jaipur	Govt.	0.56	Completed
177	Third party inspection for the work of Re-carpeting of roads, widening & improvement of junctions at I/A Pathredi, Bhiwadi	B.L. Swami	Regional Manager RIICO Ltd	Govt.	0.56	Completed
178	Design of CC pavement under Gramin Gaurav Path Scheme	B.L. Swami	Executive Engineer PWD Division II Alwar	Govt.	1.12	Completed

179	Technical consultancy on improving traffic movement at critical point in city	Arun Gaur	JDA Jaipur	Govt.	8.54	Completed
180	Design of Cement Concrete road under Gaurav Path	Arun Gaur	PWD Dausa	Govt.	1.12	Completed
181	Proof checking of structural drawings of faculty staff qtrs. T-IV (24 Nos.) and T-II (48 Nos.)	Putul Haldar	Executive Engineer Central University of Haryana Project Division CPWD	Govt.	5.52	Completed
182	Design of CC road at Mahwa, under Gaurav Path scheme	Arun Gaur	Xen PWD Mahwa	Govt.	1.12	Completed
183	Design of CC Road	Jinendra Kumar Jain	The Executive Engineer PWD District Division II Jaipur	Govt.	0.56	Completed
184	Consultancy regarding Mix Design Concrete Grade M-15 for manufacturing of PPC blocks at chak 28 LNP-II for construction work in RWSRP Dn.	S.K Tiwari	Dayanand Contractor Rohtak	Industry	0.56	Completed
185	Mix Design (M30) and vetting of structural Drawings of RCC SR 200 KL at RWSS Neota, Tehsil Sanganer, Dist. Jaipur	Vinay Agarwal	Dharm Construction Company	Industry	0.56	Completed
186	vetting of Structural Design & Drawing of STP of BSUP Project JDA, Jaipur	S.D. Bahrti	Gulshan Rai Jain	Industry	1.24	Completed
187		Sanjay Rajpal	STL on Mathematical Modelling MATLAB Programming	Industry	0.05	Completed
188		A.B. Gupta	CCDU, WSSO, PHED, Govt	Govt.	3.15	Completed
189	vetting of structural Drawings for project of c/o 50bedded MCH unit at SDH Hindon City, Dist. Karauli	Vinay Agarwal	Millenium Dream Build pvt. Ltd.	Industry	0.56	Completed
190	Proof Checking of Structural Design anf Drawing of MIGB-96	M.K. Shrimali	RHB Jaipur	Govt.	3.37	Completed
191	Consultancy for geotechnical investigation (SBC test) for construction of RCCSR (Cap 250 kL at Rajpur Bada and 250 kL at RWSS Khoh) in teh- Rajgarh	S.K Tiwari	Assistant Engineer PHED, Sub Div Rajgarh	Govt.	0.79	Completed

192	proof checking of steel girder bridge over ganga canal at chintamani	M.K. Shrimali	Strength Engineering Service Pvt. Ltd.	Industry	1.12	Completed
193	Proof Checking of Y Leg Flyover at ISBT Junction	M.K. Shrimali	Strength Engineering Service Pvt. Ltd.	Industry	1.12	Completed
194	Mix Design (M-25 &30), Material testing-steel bars and cube test for project Hindaun Kaurali Project	M.K. Shrimali	Vishnu Prakash R Punglia	Industry	3.93	Completed
195	Design of CC pavement for village Kukad sanction under Gaurav Path Scvheme	B.L. Swami	Executive Engineer, P.W.D. Division-Todaraisingh	Govt.	1.12	Completed
196	Proof checking of structural design and drawings of fourteen small pump houses	Rajesh Gupta	Mr. Ratnesh Mishra, Project Manager Gommon India Ltd.	Industry	1.69	Completed
197	Proof checking of structural design and drawings of wing wall of Bridge No. 4, 6 and 7 on proposed railway siding of Ambuja Cements Ltd., Unit - Rabriyawas	Rajesh Gupta	Asstt. Vice President (Proj), Ambuja Cements Ltd.	Industry	1.12	Completed
198	Proof checking of structural design and drawings of RCC SR, CWR and GLR at Bamanwas and Concrete Mix Design of grade M-35	Rajesh Gupta	M/s Narsi Prasad Singhal, V.&P. Sourth, Tehsil Hindaun	Industry	0.62	Completed
199	Job Mix formula for DBM & BC	Jinendra Kumar Jain	The Sr. Regional Manager, RIICO, VKI Area Jaipur	Govt.	0.56	Completed
200	Design of CC Road	Jinendra Kumar Jain	The Executive Engineer PWD, District Division - I Jaipur	Govt.	0.56	Completed
201	Vetting of design Drainage system of Udaipur Airport	Mahesh Kumar Jat	M/S Vistaar Infratech (I) Pvt. Ltd.	Industry	0.79	Completed
202	Remedial measures and repair procedure for the deterioration of surface, formation of cracks and damage of RCC foundation at 220 kV GSS Khetri (Jhunjhunu)	Sandeep Chaudhary	Rajasthan Rajya Vidhyut Prasaran Nigam Ltd.	Govt.	1.46	Completed
203		Mahesh Kumar Jat	DWDS, Govt of Rajasthan	Govt.	4.00	Completed

205	Design of CC pavement under Gramin Gaurav Path Scheme, District Alwar	Jinendra Kumar Jain	Executive Engineer PWD Div Rajgarh	Govt.	1.12	Completed
206	Job mix design for WMM, DBM & BC	B.L. Swami	Regional Manager RIICO Unit II Bhiwadi	Govt.	0.73	Completed
207	Material testing for DBM/BC material	Jinendra Kumar Jain	Executive Engineer Zone -15 JDA Jaipur	Govt.	0.56	Completed
208	SPT for RCC SR, CWR in Korean Zone at Industrial Area Ghiloth, Distt. Alwar	Rajib Sarkar	Choudhary Construction Company	Industry	0.79	Completed
209	Proof checking of the design and drawing of Intake Well Structure & Approach Bridge under the Regional Water Supply Scheme of 82 Villages of Bagidora & Banswara Tehsil	Sandeep Chaudhary	Larsen & Turbo Ltd.	Industry	0.84	Completed
210	TESTING OF STEEL BARS	Sandeep Chaudhary	IVRCL Ltd.	Industry	1.69	Completed
211	design job mix formula for semi dense bituminous concrete & bituminous macdam as per MORTH specification (Grade-1) under contract package no. RUSIDP/TR-03/BRN/ST/01	Sandeep Chaudhary	RUSDIP, IPIU, Baran	Govt.	0.56	Completed
212	Proof checking of the design and drawing of two rapid gravity filter water treatment plants (9.84 MLD and 18.6 MLD) and RCC framed structure of two Clear Water pump Houses under the Regional Water Supply Scheme of 334 Villages of Bagidora & Banswara Tehsi	Sandeep Chaudhary	Larsen & Turbo Ltd.	Industry	2.81	Completed
213	Design of overlay thickness and widening of road at I/A Karoli, Bhiwadi	B.L. Swami	Assistant Regional Manager, RIICO Ltd., Unit-II, Bhiwadi	Govt.	0.56	Completed
214	Design of CC pavement under Gramin Gaurav Path Scheme	B.L. Swami	Executive Engineer, PWD Division Malpura, Tonk	Govt.	1.12	Completed
215	Crust design of CC road (Gaurav Path) for division PWD, Behror	B.L. Swami	R.K. Rawat Executive Engineer PWD, Division, Behror	Govt.	1.12	Completed

216	Design of Job Mix for M-30 Mix	Arun Gaur	XEN PED Division Dausa	Govt.	0.56	Completed
217	Appraisal of DPR for Remodeling of Ghat gate Bazar and Ramganj Bazar	Y.P. Mathur	Executive Engineer, Nagar Nigam, Jaipur	Govt.	0.56	Completed
218	VETTING OF STRUCTURAL DESIGN AND DRAWING OF FOOT OVER BRIDGE AT TRITON MAL, NEAR CHOMU PULIA, JAIPUR	S.D. Bahrti	Pioneer Outdoor Advertising	Industry	2.36	Completed
219	Concrete Mix Proportioning, M-25, M-35 (pumpable) and M-40 for construction of Road Over Bridge (ROB), Alwar	S.D. Bahrti	Executive Engineer Rajasthan Urban Sector Development Investment Programme	Govt.	1.11	Completed



DEPARTMENT OF CHEMICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of a solar energy based membrane distillation system for rural drinking water application in Rajasthan	Prof. S.P. Chaurasia Prof. A.B. Gupta Dr. S. Upadhyaya Dr. G.D. Agarwal	CCDU, PHED Rajasthan	Govt.	10.22	Ongoing
2.	Hydrodynamic cavitation as intensifying tool for the treatment of petroleum crude and wastewater	Dr.V.K. Saharan	DST, India	Govt.	35.00	Ongoing
3	Defluoridation of Drinking water using Combination of Magnesium and Calcium amended activated alumina	Dr. Suja George Prof. A.B. Gupta	Department of Science & Technology, Rajasthan India,	Govt.	11.524	Ongoing
4	Membrane integrated modified Nalgonda defluoridation technique for drinking water	Dr. Madhu Agarwal Prof. A.B.Gupta Dr Suja George	CCDU, WSO Raj.	Govt.	15.9	Ongoing
5	Experimental and Modeling Studies for optimization of a Nutrient mist reactor for sustained production of hairy roots	Dr Manish Vashishtha	DST Rajasthan	Govt.	9.62	Ongoing

DEPARTMENT OF CHEMISTRY

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry / PSU / Govt. / Specify if any other)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of novel environment-friendly, reusable and air stable Pd(0)- and Cu(I)-catalytic systems for the C-C, C-N, and C-O Ullmann-type cross-coupling reactions DST WOS-A Project PI- Dr. Arpi Majumdar Mentor- Dr. Ragini Gupta	Dr. Arpi Majumdar	DST	GOVT.	20 Lacs	Completed
2.	Synthesis of metalcarbonyl based organometallic clusters (especially Fe- containing) and their catalytic applications in organic transformations.	Dr. Raj Kumar Joshi	DST New Delhi	Govt.	25.8	Ongoing
3	Development of Novel Naked Eye Fluoride ion Receptor	Dr. Ragini Gupta Co-PI Dr Madhu Agarwal	WTI-DST	Govt.	29 lakhs	Ongoing
4	Strategically Development of metasilene complexes: Potential catalyst for unique organic transformation and silylene transfer reactions	Dr. Raj Kumar Joshi	CSIR New Delhi	Govt.	25.30	Ongoing
5	Synthesis of Heterobioconjugates as Possible Drug Candidates Using Click Chemistry Approach	Dr. Ragini Gupta	DST, Rajasthan Govt.	Govt.	14.00	Ongoing

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic / Industry/ PSU/ Govt./ Specify if any other)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	New Perspectives to Advance Green Medicinal Chemistry	Dr. Raj Kumar Joshi and Prof. Gregory Smith	DST-NFR Indo-South African Bilateral Research Project	Govt.	32.5 (65.00 together)	Ongoing
2.	Exploring non-opioid analgesics from bench-side to bed-side: An efficient, cost-effective, asymmetric synthesis and SAR study of new non-opioid anti-pain lead compound, onolidine.	Dr. Sandeep Chaudhary	SERB-DST	Govt.	25 .0	Ongoing
3.	Strategic Investigation of Organo-catalyzed direct arylation of arenes and hetero-arenes via sp ² C-H bond activation: Application to an efficient synthesis of bioactive heterocycles.	Dr. Sandeep Chaudhary	CSIR	Govt.	20.0 0	Ongoing
4.	Exploring nitrogen-based heterocycles from bench-side to bed-side: Synthesis, chemistry, stereo-chemical assignment, structure-activity relationship studies and biological evaluation.	Dr. Sandeep Chaudhary & Prof. Irina V. Mashevskaya	DST-RFBR Indo-Russian Joint Research Project	Govt.	26.236	Ongoing
5.	Chemo- and regio-selective transition metal-catalyzed asymmetric hydroarylation of methylenecyclobutanes and methylenecyclopentanes	Dr. Sandeep Chaudhary	Institute Seed Grant	Govt.	16 .00	Ongoing

6.	Exploring Antimalarial Peroxides from Bench-side to Bed-side: Synthesis, Chemistry, Antimalarial Assessment and SAR studies of Novel functionalized 1, 2, 4-Trioxanes and 1, 2, 4, 5-Tetraoxanes against Multi-drug Resistant Malaria	Dr. Sandeep Chaudhary	DST-ARRS Indo-Slovenian Joint Research Project	Govt.	20.5	Ongoing
7.	Designing and Systematic Study of New Two Dimensional MXenes for Electrochemical Energy Storage Applications	Dr. Sumanta Kumar Meher	DST-SERB	Govt.	23 .00+ 4.6 (Overhead Charges)	Ongoing
8.	Design and Study of Potential Metallacarborane Catalysts for General And Selective Organic Reactions	Dr. Raj Kumar Joshi	DST (International Division), New Delhi, RFBR	Govt.	18.41	Ongoing



DEPARTMENT OF COMPUTER ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2014)

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	HiPER NIRGAM (UKIERI-Phase II)	MS Gaur, Vijay Laxmi and Prof. Mark Zwolinski, University of Southampton (UK)	UKIERI	Academic	30.00	Ongoing
2.	On-Chip Network Simulation Platform for Reliable, Accurate and Fast System Co-Design of Embedded and Multi-Core Systems	MS Gaur, Vijay Laxmi	DST	Central Government	28.00	Ongoing
3.	Countermeasures for Protocol Compliant Attacks in Mobile Adhoc Networks	Vijay Laxmi, MS Gaur,	DST	Central Government	17.00	Ongoing
4.	Urdu Corpus Development and Handwritten Text Recognition	Dr. Neeta Nain	DST	DST Govt of Rajasthan	8.524	Ongoing
5.	Information Security Education & Awareness	MS Gaur,	MCIT, DOIT,	Gol	58.00	Ongoing
6.	CogSys: Cognitive Analysis Tools for Digital Forensics	Vijay Laxmi	DST	Gol	10.67	Ongoing
7.	Development of Techniques for Metamorphic Malware Detection and Analysis	MS Gaur,	DST-RFBR (Indo-Russian Project)	Gol	8.09	Ongoing

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Security Analysis Framework for Android Applications	M S Gaur	Deity	Govt.	55.5	Ongoing
2.	Information Security Education Awareness Phase II Resource Center	M S Gaur (Departmental project)	Deity	Govt.	TBA	Ongoing
3.	Path and Spectrum-Aware Routing Protocol for Mulri-radio and Multi-channel cognitive wireless mesh networks No. DST/ TSG/ NTS / 2013/26	Mr. Ramesh Babu Battula	DST	DST Project	60.858	Ongoing

DEPARTMENT OF ELECTRICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/ Govt. Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	A Robotic Assitive Bio-mechanical study on Posture Deviation on Elderly and Remedies	Dr. Rajesh Kumar	DST, India	Govt.	19.0	Ongoing
	Development of Network Charging Framework for Indian Power Distribution Utilities	Dr. Rohit Bhakar	DST, India	Govt.	12.65	Ongoing



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/G ovt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Efficiency Enhancement in the thin film GaAs solar cell using Photonic Crystal as a back reflector Ref No:DST/TMC/SERI/FR/203	Dr. Vijay Janyani& Dr. C. Periasamy	DST	R&D	45Lac	Ongoing
2.	Design and Development of Micro-structured Optical Components for Photonic Integrated Circuit (PICs) applications	Dr. Ghanshyam Singh	DST (India) JSPS (Japan)	Govt. of India and Govt. of Japan	4.56 Lac. (Indian Component)	Ongoing
3.	Visvesvariya PhD scheme with enhanced fellowships (being run as PROJECT by Media Lab Asia)(gratn for Dept. of ECE/CSE/EE)	Dr. V. Sahula (Nodal Officer)	DeitY, MoCIT	MoCIT	100 Lacs/annum	Ongoing
4.	SMDP-VLSI Chip to Systems	Dr. D. Boolchandani, Dr. L. Bhargava	MoCIT	Institute project for research & man power development	20 Lacs per annum	Ongoing
5.	Semiconductor characterization	Dr. C. Periasamy	MNIT Jaipur	R & D	10 Lacs	Ongoing
6.	Design and Development of Nanostructured ZnO Film Based Piezoelectric Devices for Energy Harvesting Applications	Dr. C. Periasamy	Indo-Austrian Program(DST -BWMF)	R & D	4.36	Ongoing



DEPARTMENT OF MECHANICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/ PSU/ Govt. / Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Gainful utilization of stone waste in the state of Rajasthan- CDOS-Stone Chair	Coordinator- Prof. R. Nagar Co-coordinator- Dr. Amar Patnaik	Centre for Development of Stones, Jaipur	Govt.	100	Ongoing
2.	Development of hybrid composite friction material of organic, inorganic fiber and marble dust combination for automobile braking application (DST Rajasthan project)	Dr. Amar Patnaik	DST, Govt of Rajasthan	Govt.	0.12	Completed
3.	Development of heat treated marble dust filled metal matrix composites for turbine blade application (DST Rajasthan project)	Dr. Amar Patnaik	DST, Govt of Rajasthan	Govt.	0.12	Completed
4.	Development of SVO operated micro-Trigeneration system for rural applications	Prof. Dilip Sharma	DST Rajasthan	Govt.	3.70	Ongoing
5.	Experimental Study of Flat Plate Solar Collector (Direct absorption type) Using Nano-Fluids	Dr G D Agrawal	DST	R & D	11.95 Lacs	Ongoing
6.	Effective Product Development through Integration of Reverse Engineering and Rapid Prototyping	Dr. Amit Singh	SERB	GOVT.	25 Lakh	Ongoing
7.	Design & Development of low cost one way Abrasive Flow Machine (AFM) utilizing pulp fullers earth based media	Dr. H S Mali	DST	Govt	12.49	On Going
8.	Energy Resource Centre at MNIT Jaipur	Prof. Jyotirmay Mathur	RRECL, Jaipur	Govt.	20 Lacs	Ongoing
9.	Indo-US JCERDC-CBERD Project	Prof. Jyotirmay Mathur	IUSSTF	Govt.	118.760 Lacs (1 Year Grant) 213.16 Lacs (2 nd Year Grant) 131.62 Lac (3 rd Year Grant)	Ongoing

8.	Energy Resource Centre at MNIT Jaipur	Prof. Jyotirmay Mathur	RRECL, Jaipur	Govt.	20 Lacs	Ongoing
9.	Indo-US JCERDC-CBERD Project	Prof. Jyotirmay Mathur	IUSSTF	Govt.	118.760 Lacs (1 Year Grant) 213.16 Lacs (2 nd Year Grant) 131.62 Lac (3 rd Year Grant)	Ongoing
10.	Studies of Thumba (Citrullus Colocytis) Seed Oil on Engine Performance, Combustion and Exhaust Emission Characteristics	Prof. S. L. Soni	DST GOI	Govt.	34.70	Ongoing
11.	Design Development and Ergonomic Evaluation of Blue Pottery manufacturing Process	Prof. Awadhesh Bhardwaj	DST Govt. of India	Govt.	21.64	Completed
12.	Effective Product Development through Integration of Reverse Engineering & Rapid Prototyping	Dr. Amit Singh	DST	Govt.	23.00	Ongoing
13.	Customised Design and Development of Prosthesis Socket using reverse engineering and rapid prototyping	Dr. Amit Singh	MNIT , Institute Seed Grant	R&D	10.00	Ongoing
14.	Capacity building in Renewable Energy	Prof. Jyotirmay Mathur	Ministry of New & Renewable Energy (GOI)	Govt.	50.00	Ongoing
15.	Work Motion and Time Study of MNERGA activities	Awadhesh Bhardwaj A.S. Jethoo M.P. Poonia	Govt. of Rajasthan	Govt.	18.97	Ongoing

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	IRES: US-India Collaborative Research in Mechanical, Biomedical, and Materials Science Engineering for Undergraduates.	Dr. Harlal Singh Mali	National Science Foundation (NSF) USA	R&D	12 Lacs	Ongoing

Research Projects completed during the year 2014-15:

S. No.	Name of the Project	Team Members	Client	Type of funding agency (R&D/ academic/ Industry/PSU/Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1.	Design, Development and Ergonomic Analysis of Blue Pottery Manufacturing System	Prof. A Bhardwaj Prof. G S Dangayach	DST	Govt.	Rs. 21,64,000	Completed
2.	Development of heat treated marble dust filled metal matrix composites for turbine blade application (DST Rajasthan project)	Dr. Amar Patnaik	DST, Govt of Rajasthan	Govt.	0.12	Completed

New Consultancy Projects (Started in the year 2014-15):

S. No.	Name of the Project	Team Members	Client	Type of funding agency (R&D/ academic/ Industry/ PSU / Govt. / Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Design Checking of Semi-Trailer Trolley	S.L.Soni G.D. Agarwal H.S. Mali H. Chaudhary Dilip Sharma	Entrepreneurs	Pvt.	1.12	Completed
2.	Preparation of HR Manual for Quality Council of India	Dr. G S Dangayach, Deepak Maheshwari	Quality Council of India	Non-Government	01 Lakh	completed

Testing (Carried out in the Year 2014-15)

S. No.	Name of the Lab	Total Amount (in Lacs of Rs.)	Type of funding agency (R&D/ academic/ Industry/ PSU/ Govt./ Specify if any other.)
1.	A Sky Instruments, Jaipur	0.55	Govt. (Centre for Development of Stones, Jaipur)
2.	Testing of Modified Evaporative Cooler	0.56	Govt.

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/ PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of MoSi ₂ heating rod element for high temperature furnace	Prof. Upender Pandel Prof. A. K. Bharagava Dr. V. K. Sharma Dr. Vinod Kumar	Naskar and Company, Kolkatta	R&D	17.50	ongoing
2.	Ageing behavior study of Mg-Li Alloys	Dr. Vinod Kumar	MNIT Jaipur (Initiation grant)	R&D	15.95	ongoing
3.	Synthesis and characterization of high entropy alloys	Dr. Vinod Kumar	DST New Delhi	Govt.	17.86	ongoing
4.	Study of Metallurgical Aspects of Nitronic Steel for Under Water Part Applications	Prof. Ashok Sharma Prof. C. P. Sharma	Central Power Research Institute, Bangalore	Govt.	28.80	ongoing



DEPARTMENT OF MANAGEMENT STUDIES ENGINEERING

Research Projects (Started earlier than 1st April, 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1.	Determinants of Working Capital Management Practices After Global Financial Crisis in Indian Companies: Behavioral Finance Approach	Dr. Satish Kumar	ICSSR New Delhi	Govt.	7 lakhs	Ongoing

New Research Projects (Started in the year 2014-15):

S. No.	Name of the Project	Team Members	Client	Type of funding agency (R&D/ academic/ Industry / PSU/ Govt./ Specify if any other)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Rural Women Empowerment and Sustainable growth	Dr. Monica Sharma	SSTP Programme, DST, New Delhi	Govt.	29.82 lacs	Ongoing



DEPARTMENT OF PHYSICS

Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/PSU/Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of efficient polymer fullerene bulk heterojunction organic solar cell using noble metal nanoparticles	Dr. Rahul Singhal	DST New Delhi	Govt. of India	Rs. 35 Lacs	ongoing
2.	Tailoring the structural, electrical and mechanical properties of NiTi shape memory alloy thin films by energetic ion irradiation for application in MEMS	Dr. Rahul Singhal	DST New Delhi	Govt. of India	Rs. 12.84 Lacs	Ongoing
3.	Tailoring the structural, electrical and optical properties of Ag-TiO ₂ , and Ag-ZnO nanocomposite thin films for various applications using energetic ions	Dr. Rahul Singhal	IUAC/ UGC New Delhi	Govt. of India	Rs. 6.51 Lacs	Ongoing
4.	Block copolymer based nanoporous membranes: Engineering and Applications	Kamlendra Awasthi	DST New Delhi	Govt.	83	Ongoing
5.	Functionalizaion of track etched membranes for gas separation and sensing	Kamlendra Awasthi	IUAC (UGC) New Delhi	Govt	7	Ongoing

New Research Projects (Started in the Year 2014-15):

S. No.	Name of the Project	Principal Investigator / Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/ Industry/ PSU/Govt. /Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1.	High Pressure magnetotransport studies on topological insulator nano devices	Dr. Manoj Kumar	DST, New Delhi	Research	35	Ongoing
2.	X-ray absorption spectroscopy and high pressure magneto-transport studies of Bismuth chalcogenide based topological insulators	Dr. Manoj Kumar	UGC DAE CSR, Indore	Research	7.4	Ongoing
3.	Tuning the structural, optical and electrical properties of Au nanocrystals embedded in dielectric oxide layers for nonvolatile memory applications	Dr. Srinivasa Rao Nelamarri	SERB, New Delhi	R&D/ Govt	23.20	Ongoing

Research Projects completed during the year 2014-15:

S. No.	Name of the Project	Team Members	Client	Type of funding agency (R&D/ academic/ Industry/PSU/Govt. /Specify if any other.)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	SnO ₂ based Microwave Sintered Combustible Gas Sensors: Study of Grain Size Effects in Enhancing the Gas Sensing Behaviour	Dr. S. K. Sharma	Board of Research in Nuclear Science, Department of Atomic Energy, Mumbai	Government (for R & D and Academic projects etc.)	24.23	Completed

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCE

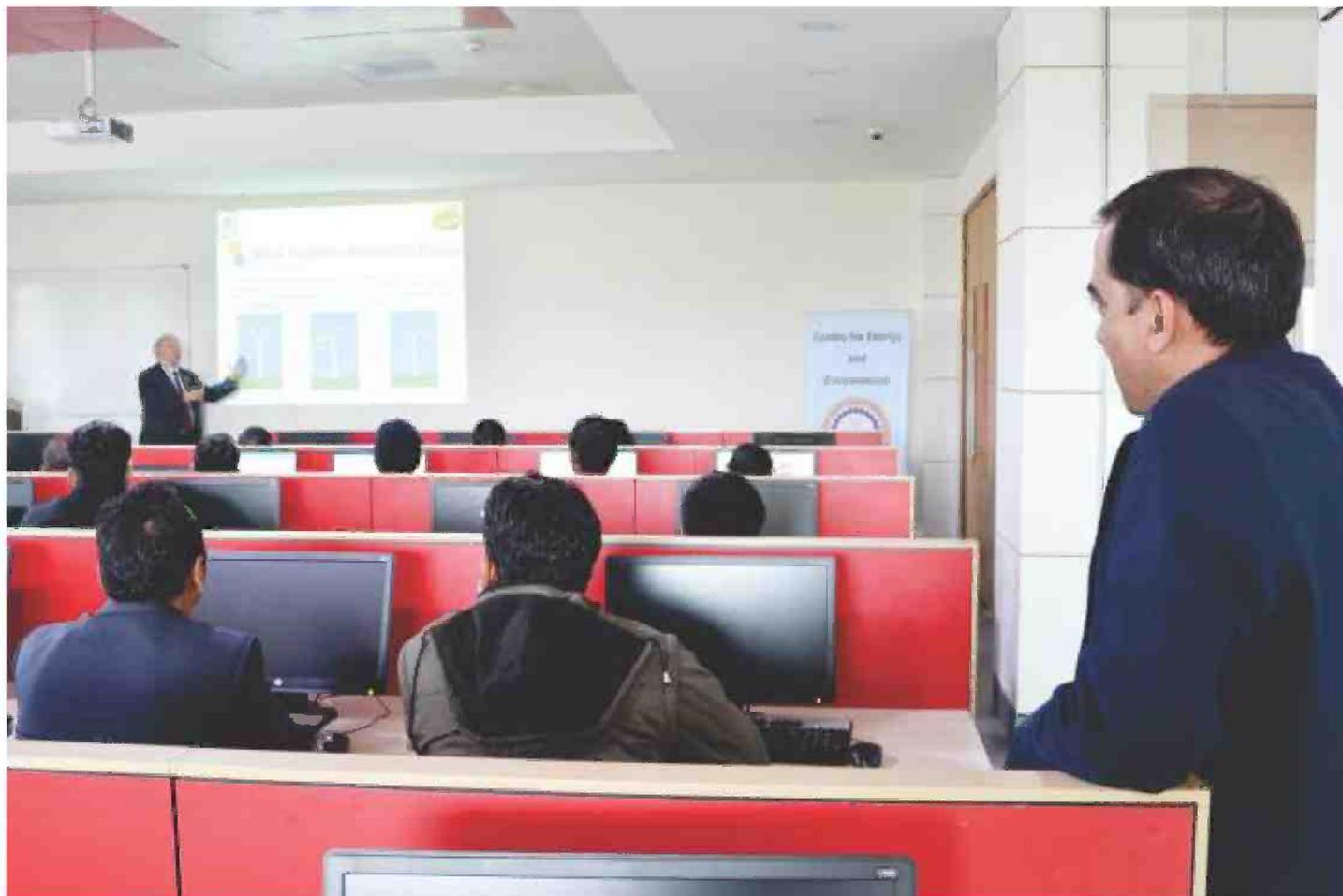
Continuing Sponsored Research Projects (Started earlier than 1st April 2014):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic/Industry/PSU/ Govt./Specify if any other.)	Outlay (in Lacs of Rs.)	Completed / Ongoing
1.	Politics of Alienation and Secessionism in North-Eastern India	Dr. Vibhuti Singh Shekhawat (Principal Investigator)	ICSSR, New Delhi	Under HRD Ministry	4 Lac	Ongoing

DEPARTMENT OF CENTRE FOR ENERGY AND ENVIRONMENT ENGINEERING

New Research Projects started in 2014-2015:

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Type of funding agency (R&D/ academic / Industry/PSU/ Govt. /Specify if any other)	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Ramalingaswami Re-Entry Fellowship	Dr. Vivekanand	DST	Govt.	88.00	Ongoing



Statement Showing the Staff Position

Academic Staff

S. No.	Designation	Sanctioned Strength	In position (On 31.3.2015)
1	Director	1	1
2	Professor	44	41
3	Associate Professor/Reader	87	60
4	Assistant Professor	175	79

Non Teaching Staff

S. No.	Name of Cadre	Total sanctioned posts	Officers/ officials structured in the cadre
A.	Officers (10 percent of faculty strength)	31	12
1.	Registrar	1	0
2.	Deputy Registrar	3	1
3.	Assistant Registrar	8	6
4.	Executive Engineer	1	--
5.	Assistant Executive Engineer	2	1
6.	Librarian	1	--
7.	Deputy Librarian	1	--
8.	Assistant Librarian	2	1
9.	Senior Medical Officer	1	--
10.	Medical Officer	2	--
11.	Senior Student Activity and Sports (SAS) Officer	1	--
12.	Student Activity and Sports (SAS) Officer	2	1
13.	Principal Scientific/ Technical Officer	1	--
14.	Senior Scientific/ Technical Officer	1	1
15.	Scientific/ Technical Officer	3	1
16.	Security Officer	1	0
B.	Technical Higher (30 percent of faculty strength)	92	34
1.	PB-2 with grade pay of Rs 4200/-	41	24
2.	PB-2 with grade pay of Rs 4600/-	31	07
3.	PB-2 with grade pay of Rs 4800/-	20	03
C.	Technical Lower (30 percent of faculty strength)	92	77
1.	PB-1 with grade pay of Rs 2000/-	41	52
2.	PB-1 with grade pay of Rs 2400/-	31	03
3.	PB-1 with grade pay of Rs 2800/-	20	08
4.	PB-2 with grade pay of Rs 4200/-	00	14
D.	Ministerial Higher (08 percent of faculty strength)	19	11
1.	PB-2 with grade pay of Rs 4200/-	07	09
2.	PB-2 with grade pay of Rs 4600/-	06	00
3.	PB-2 with grade pay of Rs 4800/-	06	02
E.	Ministerial Lower (17 percent of faculty strength)	58	57

1.	PB-1 with grade pay of Rs 2000/-	30	22
2.	PB-1 with grade pay of Rs 2400/-	16	09
3.	PB-1 with grade pay of Rs 2800/-	08	01
4.	PB-2 with grade pay of Rs 4200/-	04	25
F.	Supporting Staff (15 percent of faculty strength)	45	73
1.	PB-1 with grade pay of Rs 1800/-	20	09
2.	PB-1 with grade pay of Rs 1900/-	15	17
3.	PB-1 with grade pay of Rs 2000/-	10	10
4.	PB-1 with grade pay of Rs 2400/-	00	37
	GRANT TOTAL (110 percent of faculty strength)	337	249

WORKING HOURS

The Institute during the year under report observed the following working hours:

1	Academic Departments	8.00 a.m. to 5.00 p.m. Monday to Friday
2	For employees working in the Administrative Block	-do-
3	Hostels	Round the clock (shift wise)
4	Estate Department	8.00 a.m. to 5.00 p.m. on all the days of the week and on Sunday, a few members of the staff are called on duty to attend emergency services.
5	Library	Shift wise

11.5 STAFF MEMBERS SPONSORED FOR TRAINING AND LEARNING

DEPARTMENT OF ARCHITECTURE

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. V. K. Dhar	Visiting Professor SPA Delhi, SPA Bhopal and SPA Vijaywada	Monetizing Urban Land Public-Private Partnership in the delivery of serviced Land	Sep, 23 2014	Department of Architecture & Planning, MNIT
2.	Mr. Sudhir Bhatnagar	D.G.M. HUDCO	Preparation of DPRs for Govt. Actions with special reference to RAY	Sep, 23 2014	Department of Architecture & Planning, MNIT
3.	Ar. Sudhir Mathur	Practicing Services Consultant	M.E.P. Services in Five Star Hotel	Sep, 16 2014	Department of Architecture & Planning, MNIT
4.	Prof. R.N. Mishra	Retd. Professor, Dept of Geography University of Rajasthan	Sampling Techniques, Correlation and Regression	Sep, 1 -6, 2014	Department of Architecture & Planning, MNIT
5.	Ar. Sangeet Sharma	Practicing architect,	working of good design	Aug, 29, 2014	Department of Architecture & Planning, MNIT
6.	Prof. V. K. Dhar	Former Professor, NIUA and Visiting Professor SPA Delhi, SPA Bhopal and SPA Vijaywada	Master plan and Building Bye laws Reform Initiatives in Financing & Cost Recovery of Urban Infrastructure	Aug, 26, 2014	Department of Architecture & Planning, MNIT

7.	Dr. Sanjeev Vidyarthi	Professor in USA	Investigating Jaipur's planned neighborhoods	Aug, 6, 2014	Department of Architecture & Planning, MNIT
8.	Ar. Yatin Pandiya	Architectural Consultancy	Designing Space Not Objects	Mar, 15, 2014	Department of Architecture & Planning, MNIT
9.	Mr. K.K. Bhatnagar	Retd. IAS & Chairman, State Commission on urbanization	Housing and Urbanization	Mar, 12, 2014	Department of Architecture & Planning, MNIT
10.	Mr. Deepak Bansal	AGM, HUDCO Corporate Office, New Delhi	Green Building	Mar, 10, 2014	Department of Architecture & Planning, MNIT
11.	Mr. Sanjay Waghmare	Senior Town Planner, RIICO, Jaipur	Development Controls in the Industrial Area of Rajasthan Propose by RICO	Feb, 2014	Department of Architecture & Planning, MNIT

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Ar. Ram Niwas Sharma	Department of Architecture & Planning, IIT Roorkee	Conducting examination of B.Arch. Final Year Thesis Project	Sept. 5-7, 2014	IIT Roorkee

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Ar. Nischal Jain	Assistant Professor	Workshop on Falls ceiling, Partition and Wall Paneling	Department of Architecture & Planning, MNIT Jaipur	Sept, 17, 2014	Department of Architecture & Planning, MNIT
2	Ar. Kalpana Pandit	Associate Professor	Origami Workshop	Department of Architecture & Planning, MNIT Jaipur	Aug, 5, 2014	Department of Architecture & Planning, MNIT



DEPARTMENT OF CIVIL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1	A. B. Gupta	National seminar on Pollution control in industries	Jaipur	April 14, 2014	Research needs of industrial waste treatment in Rajasthan		IE(I), Jaipur and KITE
2	A. B. Gupta	workshop on Waste Tyre Pyrolysis- Pollution Control Technologies and Environmental Governance	Jaipur	September 19, 2014.	Tyre pyrolysis process and use of waste carbon black in various engineering applications		RPCB, Jaipur
3	A. B. Gupta	National Seminar on " Water Resource and Health Hazards in Rajasthan: Challenges and Initiatives",	Jaipur	March 13 -14, 2015	IWRM - issues of water quality, health and poverty		UOR
4	A. B. Gupta	National Seminar on " Water and Sustainable Development	Jaipur	March 21, 2015	IWRM - issues of water quality, health and sustainability		IWWA and VIT
5	A. B. Gupta	National conference on Energy and environment	Jaipur	March 15, 2015	Environment and its sustainability		IE(I) Jaipur and AIT Jaipur
6	A. B. Gupta	Training workshop on Scientific Evaluation of Water Purification Systems in the State of Punjab (Phase II: Selection, Installation and Assessment)	Chandigarh	September 10, 2014	Issues of water quality and the remedial measures		PSCST, Chandigarh.
7	A. B. Gupta	National Conference on Emerging Areas in Chemical Education and Research and National Convention of Chemistry Teachers	Jaipur	October 16-18 2014	Role of chemical sciences in Environmental engineering research		ICG, Jaipur
8	A. B. Gupta	U.S.-India Technology Summit: Roundtable on Water Challenges	India Expo Centre, Greater Noida, Delhi	November 19, 2014	Presented as panelist my views on futuristic water treatment technologies		U.S.-India S&T forum

9	A. B. Gupta	STP on Water quality, its interpretation and sophisticated analysis of heavy metals and organics including pesticides and polyaromatic hydrocarbons	Kanpur	March 26, 2015	New challenges of drinking water quality for Public Health Engineers		IIT Kanpur
10	Prof. RohitGoyal	National Seminar on Quality Assurance in Technical Education	IET, Bhaddal Institutes, Ropar	July 14, 2014	NBA Accreditation of UG and PG Programmes: Case Study of MNIT Jaipur	Quality Assurance in Technical Education	
11	P V Ramana	SEC	IIT, Delhi	Dec. 18- 24, 2014	AN EMERGING SOLUTION FOR PARTIAL DIFFERENTIAL PROBLEMS	Solution for nonlinearities	MNIT
12	P V Ramana	SEC	IIT, Delhi	Dec. 18- 24, 2014	THE CHARACTERIZATION STRUCTURES USING AN ALTERNATIVE MATERIAL		MNIT
13	P V Ramana	NCMAC	IIT, Delhi	Dec. 18- 24, 2014	LATTICE MODELLING OF FRACTURE PROCESS IN FIBRE REINFORCED CONCRETE 3D STRUCTURES		MNIT
14	P V Ramana	Special talk	Oxford Engineering College	Oct. 17, 2014	New Material as use in concrete outlet		MNIT
15	Dr. Rajib Sarkar	Structural Engineering Convention 2014 (SEC)	IIT Delhi	Dec. 22-24 2014	Seismic analysis of a 275m tall RCC multi-flue chimney: A comparison of IS code provisions and numerical approaches	Seismic Analysis	-
16	Dr. Rajib Sarkar	UKIERI Workshop on Seismic Requalification of Pile Supported Structures (SRPSS)	IIT Guwahati	Jan. 5-7 2015	Three dimensional seismic behaviour of soil-pile-structure interaction	Soil-Pile Interaction	-

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of conference and workshop	Faculty	Venue	Period
1	Workshop on Optimization Methods and Applications	Dr. P V Ramana	IIT Delhi	16 th -19 th December, 2014
2	Workshops on SEC 2014 International workshop on emerging trends in earthquake engineering structural dynamics	Dr. P V Ramana	IIT Delhi	20 th -21 th December, 2014
3	Conference on Structural engineering convention 2014	Dr. P V Ramana	IIT Delhi	22 nd -24 th December, 2014
4	15 th Symposium on earthquake engineering	Dr. M K Shrimali	IIT Roorkee	11 th -13 th December, 2014
5	9 th Biennial structural engineering convention 2014 preceded by international workshop on emerging trends in dynamics and earthquake engineering	Dr. M K Shrimali	IIT Delhi	20 th -24 th December, 2014
Dr. M K Shrimali has received additional responsibility of Registrar				
Dr. M K Shrimali was nominated as Earthquake expert for Rajasthan hazard safety cell (RHSC)				
6	5 th International joint conference on advances in engineering and technology AET 2014	Dr. Vinay Agarwal	Kochi, Kerala	26 th - 27 th December, 2014
7	Structural Engineering Convention	Dr. Rajib Sarkar	IIT Delhi	22 nd -24 th December, 2014
8	Structural Engineering Convention	Dr. PutulHaldar	IIT Delhi	22 nd -24 th December, 2014
9	International conference on emerging trends in biotechnology (ICETB 2014)	Dr. A B Gupta	JNU Delhi	6 th 9 th November, 2014
10	2 nd Asia conference of international building performance simulation association (ASIM 2014)	Dr. Sanjay Mathur	Nagoya Japan	28 th 29 th November, 2014
11	3 days training programme at the Indian Institute of Management Ahmadabad (IIMA)	Dr. Ravindra Nagar Dr. RohitGoyal Dr. Y.P. Mathur Dr. R.C. Gupta Dr. S.K. Tiwari Dr. Mahender Chaudhary Dr. Ajay Singh Jethoo Dr. Sandeep Chaudhary	IIM Ahmadabad	23 rd 25 th June, 2014
12	Indian Conference on Life Cycle Management (ILCM) 2014-Technical workshops	Dr. Sandeep Srivastava	Delhi	26 th - 27 th September, 2014
113	DST Lockheed Martin India Innovation Growth Programme 2015 by FICCI	Prof. RohitGoyal	Ramada Hotel, Jaipur	24 th Dec. 2014
14	State level Workshop on IWRM: A Solution to Water Scarcity Problem in Rajasthan by IGPRS	Prof. RohitGoyal	Clarks Amer, Jaipur	2 nd Sept. 2014
15	IfM, Centre for International Manufacturing, University of Cambridge UK-India workshop on Sustainable Supply Chains	Prof. RohitGoyal	TajMahal Hotel, New Delhi	9 th April 2014
16	ASCE-IS International Conference on Sustainable Civil Infrastructure	Dr. Sandeep Srivastava	IIT Hyderabad	17 th 18 th October, 2014

17	Nominated for state level workshop for water sector reforms leading to sustainable and integrated water resources management.	Dr. RohitGoyal Dr. Gunwant Sharma Dr. A.S. Jethoo	Jaipur	2 nd September 2014
18	AOP2014	Dr P V Ramana	Munnar	24-30Sept 2014
19	SEC2014	Dr P V Ramana	IIT, Delhi	Dec 18- 24, 2014
20	NCMAC2015	Dr P V Ramana	MNIT	February 20-21, 2015
21	3 rd International conference on Hydrology & Meteorology-2014	A. B. Gupta	Hyderabad	September 15-16, 2014
22	International Conference on Emerging Trends in Biotechnology and the 11th Convention of the Biotech Research Society	A. B. Gupta	Jawaharlal Nehru University, New Delhi	November 6-9, 2014

Dr. Gunwant Sharma was appointed as external examiner at Maharana Pratap University of Agriculture and Technology.

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Mahesh Kumar Jat	Crop Modelling Using STICK and RECORD	IISc Bangalore	French Embassy	Oct. 13-18, 2014
2.	Prof. RohitGoyal	4 days senior level training Programme on Institution Building and Leadership by IIM Ahmedabad	IIM, Ahmedabad		22 nd to 25 th June 2014
3.	Dr P V Ramana	Opimization	IIT, Delhi	IIT, Delhi	Dec 12- 16, 2014
4.	Dr P V Ramana	Criptography	IIT, Delhi	IIT, Delhi	Dec 17- 18, 2014
5.	Dr P V Ramana	Structural Dynamics	MNIT	MNIT	Nov 22- 24, 2014
6.	Dr P V Ramana	Finite Element Method	MNIT	MNIT	Dec 6- 8, 2014

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. Samir Khanal	Associate professor, Univ of Hawaii, USA	How can we build a circular society? And Recent research at University of Hawaii at Mānoa and Iowa State University on linkages between energy) and environment aiming towards sustainability	Nov 10 and 11, 2014	

2.	Dr. T Kant	Chair Professor, Department of Civil Engineering, IIT Bombay	Disaster Mitigation and Management	13/12/2014 and 14/12/2014	
3.	Dr. Luc Boehme	Head of technology cluster construction, KU Leuven, Belgium	Sustainable construction	23-25 February 2015	
4.	Prof. M. K. Arora	Director, PEC University of Technology Cahndigarh, Punjab	Geospatial Analysis Techniques and their Application in Landslide Monitoring, Hazard Zonation and Risk Assessment	24-04-2014	TEQIP
5	Prof. GauharMahmood	Dept. of Civil Engineering, Jamia Millia Islamia, New Delhi	Feasibility and design of rainwater harvesting systemin JamiaMilliaIslamia campus New Delhi	16 th April 2014	
6	Dr. Archana Sarkar	Scientist, National Institute of Hydrology, Roorkee	Global Warming and Climate Change: Impact on Water Resources	25 th April 2014	
7	Dr. Archana Sarkar	Scientist, National Institute of Hydrology, Roorkee	Global Warming and Climate Change: Adaptation and Mitigation Strategies	26 th April 2014	
8	Dr P V Ramana	Special Lecture & guest speaker, Oxford Engg College, Bangalore	Experimental advantages and difficulties	Oct 17, 2014	
9	Dr P V Ramana	Keynote speaker, ChenduranEngg College, Pudukottai	Nonlinear mathematics and its difficulties	Feb 14, 2015	



Visit of Faculty Members to other Institutions

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. Rohit Goyal	NIT, Hamirpur	Visit various facilities, interaction with faculty etc.		14 th July to 15 th July 2014	
2.	Prof. Rohit Goyal	IIT, Madras, Chennai	Research Collaboration, faculty exchange, visiting innovation hub etc.		7 th Jan. to 9 th Jan. 2015	
3.	Prof. Rohit Goyal	NIT Pondicherry	Interaction with faculty, research collaboration etc.		7 th to 9 th Feb. 2015	
4.	Prof. Rohit Goyal	IIT Madras, Chennai	Induction of new experiments in Hydraulic lab		10 th to 12 th Feb. 2015	
5.	Prof. Rohit Goyal	PSG, Coimbatore	Attend DST Meeting, visit to incubation centre		13 th & 14 th Feb. 2015	

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date (s)	Funding Agency
1	From MNIT Jaipur: Dr A. B. Gupta and Dr Rohit Goyal		One day stakeholder Workshop on Developing an operational water security index, and demonstrating its application in diverse regions of Asia in collaboration of AIT Bangkok and CURAJ	MNIT Jaipur	March 10, 2015	APN
2.	Dr. Mahesh K. Jat and Prof. Sudhir Kumar	Associate Professor/ Professor	STTP on Spatial Analysis Technologies and GIS Database Creation for Watershed Applications	MNIT	March 20-24, 2015	DWDSC, Govt. of Rajasthan
3.	Dr. Mahesh K. Jat and Prof. Sudhir Kumar	Associate Professor/ Professor	STTP on Water Demand Management: Potential and Options	MNIT	March 16-17, 2015	CCDU, DSSO, PHED, Govt. of Rajasthan
4	RohitGoyal, Coordinator	Prof. Civil Engg. & Dean P&D	2 Days training programme for RIICO Engineers	EC, EIA Studies, NBWL/CGWA Clearance, Consents and other Planning Related Issues	8 th -9 th May 2014	MNIT, Jaipur

5	RohitGoyal	Prof. Civil Engg. & Dean P&D	3 days fresh students orientation programme	Orientation programme for fresh students	28 th July to 30 th July 2014	MNIT, Jaipur
6	RohitGoyal	Prof. Civil Engg. & Dean P&D	one day workshop in collaboration with Asian Institute of Technology (AIT) Bangkok, Thuyloi University (TLU), Vietnam and Central University of Rajasthan (CURAJ), Ajmer	Developing an operational water security index, and demonstrating its application in diverse regions of Asia	10 th March 2015	MNIT, Jaipur
7	Dr P V Ramana& Prof M K Shrimali	Convernor	Structural Dynamics: for Practising Engineers.	MNIT	20 - 22 November, 2014	MNIT, Jaipur
8	Dr P V Ramana& Prof M K Shrimali	Convernor	Finite Element Analysis	MNIT	8-12 Dec, 2014	MNIT, Jaipur

DEPARTMENT OF CHEMICAL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1.	Prof. S.P. Chaurasia	Short term Course on Operation and Maintenance of Water Supply Systems	MNIT Jaipur	March. 14,2015	Desalination using Membrane Technology and New Separation Processes	Training Program for PHED Engineers	PHED Jaipur

Participation of Faculty in National Seminar/Symposia/Workshop/Conference/Training

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Shiv Om Meena	Advanced Pedagogy	NITTR Chandigarh	TEQIP	19-23 May 2014
2.	Rajeev Kumar Dohare	International Conference on Electrical, Electronics, Engineering Trends, Communication, Optimization and Sciences (E3COS)	Vijayawada, Andhra Pradesh, India	MNIT	10-12 October 2014
3.	Rajeev Kumar Dohare	CHEMCON-2014	Chandigarh	MNIT	28-30 December 2014

4.	Prof. S.P. Chaurasia	Trombay Symposium on Desalination and Water Reuse (TSDWR 2015)	Mumbai	Indian Desalination Association	22-23 January 2015
5.	Dr. Kailash Singh	Program on Institution Building and Leadership	IIM Ahmedabad	TEQIP-II	23 to 25 June 2014
6.	Dr. S. K Jana	1. International Conference: HETIS-2014 2. Workshop: Application of MATLAB for Engineering Computations (AMEC) 3. International Conference: CHEMCON 2014	Dr. SSBUI CET, Punjab University, Chandigarh PDPM, IITDMJ, Jabalpur, MP, INDIA Dr. SSBUI CET, Punjab University, Chandigarh	TEQIP TEQIP TEQIP	20 Nov 2014 01-05 Dec 2014 27-30 Dec 2014
7.	Dr. R. K. Vyas	All India Rajbhasha Seminar	Geetam University, Gandhinagar Campus, Vishakhapatnam	MNIT Jaipur	22-23 May 2014
8.	Madhu Agarwal	3 days workshop on Capacity Building for Community Sensitization on Road Safety	Indian Institute of Health Management Research, Jaipur	MNIT jaipur	23-15 Feb 2015

Participation of Faculty in Short Term Courses in India:

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Shiv Om Meena	STC on Optimization Methods and Applications	IIT Delhi	STC under TEQIP	16-19 Dec 2014
2.	Rajeev Kumar Dohare	Training Programme at Entrepreneurship Development	EDI, Ahmedabad	MNIT	14-18 Apr, 2014
3.	Rajeev Kumar Dohare	Management Training Programme	IIM, Ahmedabad	MNIT	23-25 Jun, 2014
4.	V.K.Saharan	Petroleum Refining and Petrochemicals	IIPM, Gurgaon	Indian Oil	02-06 Jun, 2014
5.	Dr. R. K. Vyas	Programme on Institution Building and Leadership	IIM, Ahmedabad	TEQIP MNIT Jaipur	22-25 Jun, 2014
6.	Madhuagarwal	Institution Building and Leadership	IIMA	MNIT jaipur	22-25 Jun, 2014.

Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. Ajay K.Dalai	Associated Dean, Research and Partnerships, professor and Canada Research Chair in Bioenergy and Environmentally friendly Chemical Processing, Department of Chemical Engineering, University of Saskatchewan.	Conversion of Biomass to Biofuels & Chemicals: Technical & Economic challenges in Canadian Biofuel industry.	25 May, 2014	MNIT Jaipur
2.	Prof. Ajay K.Dalai	Associated Dean, Research and Partnerships, professor and Canada Research Chair in Bioenergy and Environmentally friendly Chemical Processing, Department of Chemical Engineering, University of Saskatchewan.	Green Biodiesel Synthesis from Vegetable Oils.	02 Feb, 2015	MNIT Jaipur

Visit of Faculty Members to other Institutions:

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Rajeev Kumar	EDI, Ahmedabad	To attend training programme	14-18 Apr, 2014	MNIT
2.	Dohare	IIM, Ahmedabad	To attend training programme	23-25 Jun, 2014	MNIT
3.	Prof.S.P. Chaurasia	Toronto University, Toronto	To explore the possibility of Research and academic collaboration	02 Jul, 2014	University of Saskatchewan, Canada
4.		GUELPH University, Canada	To deliver a seminar talk	03 Jul, 2014	
5.		York University, Toronto	Research and academic collaboration	04 Jul, 2014	
6.		University of Saskatchewan, Canada	Research and academic collaboration	05-18 Jul, 2014	
7.		NIT Agartala	Expert Committee Member for Question Paper Moderation	21-22 Nov, 2014	NIT Agartala
8.	V.K. Saharan	Institute of Chemical Technology, Mumbai	Technical discussion on DST Project	15-16 Nov, 2014	DST
9.	Dr. S. K. Jana	Manipal University, Jaipur	For attending a meeting for preparation of curriculum	Aug, 2014	Manipal University, Jaipur
10.	Dr. R. K. Vyas	Geetam University, Gandhinagar Campus, Vishakhapattanam	To participate in All India Rajbhasha Seminar	22-23 May, 2014	MNIT Jaipur
11.	Dr. R. K. Vyas	IIM, Ahmedabad	To participate in Management Development Programme	22-25 Jun, 2014	TEQIP, MNIT Jaipur

12.	Dr. R. K. Vyas	Rajasthan Technical University, Kota	Expert Lecture & Guest Faculty Selection Expert	9 Sept, 2014	RTU, Kota
13.	Dr. R. K. Vyas	Thapar University, Patiala	Ph. D. Examination	14-15 Nov, 2014	Thapar University, Patiala
14.	Madhu Agarwal	University College of Sc. and Technology, Kolkata	Technical discussion regarding sponsored project	13-17 Feb, 2015	CCDU
15.	Dr. Sushant Upadhyaya	MNNIT Allahabad	To deliver expert lecture on "Application of Neural Networks in Engineering" in STC on "Application of Soft Computing Methods in Engineering"	26-30 May, 2014	TEQIP -II MNNIT Allahabad
16.	Dr. Sushant Upadhyaya	MNNIT Allahabad	To deliver expert lecture on "Applications of Mathematical Modeling in Engineering"	26-30 May, 2014	TEQIP -II MNNIT Allahabad
17.	Dr. Sushant Upadhyaya	Department of Computer Science & Engineering, I.T.S Engineering College, Gr. Noida	To deliver expert lecture on Optimization Techniques for Solving Multidisciplinary Research Problems in Engineering Sciences in two days workshop on OTSMRPES	28-29 Nov, 2014.	IEEE UP Section

Visitors to the Department :

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. J.P. Gupta	Director	Rajiv Gandhi Institute of Petroleum Technology, Raebareli, Uttar Pradesh	Meeting with faculty members for R&D activities	15-16 May, 2014	MNIT Jaipur
2.	Prof. Chary	Professor	University of Saskatchewan, Canada	Strengthening of ongoing Research and Academic Collaboration and possibility of starting joint programs	15-16 May, 2014	MNIT Jaipur
3.	Prof. Gap Soo					
4.	Prof. Jit Sharma	Professor	Lassonde School of Engineering, York University, Toronto	To explore the possibility for academic collaboration	17 Nov, 2014	Lassonde School of Engineering, York University, Toronto
5.	Prof. K. K. Pant	Professor	IIT, Delhi	Ph. D. Examiner	20 May, 2014	MNIT Jaipur
6.	Prof. R. K. Wanchoo	Emeritus Professor	Panjab University, Chandigarh	Ph. D. Examiner	14 Aug, 2014	MNIT Jaipur

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Seminar on H ₂ production using solar energy	g h A r m m ©	Hydrogen production using solar energy 2014	— mamà m g §, O` n w	{g Vâ~ a 12-26, 2014	— mamà m g §, O` n w
2.	Madhu Agarwal, coordinator	Assistant Prof.	Application of nanotechnology in current scenario	MRC, MNIT Jaipur	22-26, Sep 2014	Self sponsored
3.	Madhu Agarwal, coordinator	Assistant Prof.	mathematical modeling and operation research	MNIT, Jaipur	9-13, Mar 2015	NITTR Chandigarh.

DEPARTMENT OF CHEMISTRY

Keynote addresses by the Faculty in Seminar/ Symposia/ Workshop/ Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1.	Dr. Jyoti Joshi		Kautilya Institute of Technology and Education	September 30, 2014	Corrosion and protection in daily life		
2.	Dr. Raj Kumar Joshi	National Conference	Vignan University, Guntur, AP	July 28, 29, 2014	Iron Catalysed C ₃ addition and other important organic transformations	Organometallic Chemistry	Institute CDPA
3.	Dr. Raj Kumar Joshi	Exchange Visit to SA	Cape Town University	Feb.3, 2014	Iron-catalysed unusual organic transformations	Organometallic Chemistry	DST
4.	Dr. Sandeep Chaudhary	National Conference on Current Trends in Chemical Sciences" (NCCTCS-2014)	St. Andrews College (Affiliated to DDU Gorakhpur University), Gorakhpur, India	Oct. 15-16 2014	Artemisinin Analogues: Synthesis, Chemistry and Antimalarial Assessment.	Addresses the major scientific improvements in the area of antimalarial peroxide drug Artemisinin.	CPDA
5.	Dr. Raj Kumar Joshi	National Conference	IIT Roorkee	December 13-16, 2014	Synthesis of novel allene stabilised, phosphido bridged Ru ₂ Pt clusters involving enyne to allene transformation	Modern Trends in inorganic chemistry XV	
6	Dr. Raj Kumar Joshi	National Conference	Vignan University, Guntur, AP	July 28, 29, 2014	Sustainable Metal Catalysis with Iron: From Rust to a Rising Star.	Recent challenges in chemical and biological sciences	

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. Jyoti Joshi	Professional Communication	Deptt of Humanities & Social Science, MNIT, Jaipur		July 10-11 2014
2.	Dr. Jyoti Joshi	Technological Advances and Their Impact on Environment	Department of Chemistry, Poornima College of Engineering, Jaipur		April 22,2014
3.	Dr Ragini Gupta	"National Conference on Challenges & Issues Faced by the Working Women Engineers of India"	The India Habitat Centre, New Dethi		March 8 , 2015
4.	Dr Ragini Gupta	Training Programme at IIMA	IIMA		June 23 to 28 2014
5.	Dr Ragini Gupta	National Conference on Frontiers at the Chemistry-Allied Science Interface, (FCASI-2015)	University of Rajasthan, Jaipur		March 13-14, 2015
6.	Dr. Raj Kumar Joshi	National Conference	Vignan University, Guntur, AP	Institute CPDA	July 28- 29, 2014
7.	Dr. Raj Kumar Joshi	SC XRD Training Cum Workshop	IISER Bhopal	DST Project	Nov. 20 -22, 2014
8.	Dr. Sandeep Chaudhary	National conference on "Frontiers at the Chemistry-Allied Interface" (FCASI-2015) Microwave-assisted synthesis of five-membered 2,3-dioxo-heterocycles and their anti-fungal, anti-bacterial and anti-oxidant activity evaluation.	Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur-302017, India.	DST-RFBR Indo-Russain Joint Research Project	March 13-14 2015
9.	Dr. Sandeep Chaudhary	National conference on "Frontiers at the Chemistry-Allied Interface" (FCASI-2015) A novel C-C bond forming domino approach for the direct synthesis of highly substituted tetrahydrocarbazoles and carbazoles under organocatalytic environment	Centre of Advanced Study, Department of Chemistry, University of Rajasthan, Jaipur-302017, India.	DST-RFBR Indo-Russain Joint Research Project	March 13-14 2015

10.	Dr. Sandeep Chaudhary	21st ISCB international conference (ISCBC 2015)- Current trends in drug discovery and developments, "An enantioselective synthesis of an anti-hypercholesterolemic drug atorvastatin calcium (Lipitor) via direct catalytic asymmetric aldol reaction of thioamides"	CSIR-Central Drug Research Institute, Lucknow, India.	CPDA	Feb, 25-28, 2015
11.	Dr. Sandeep Chaudhary	21st ISCB international conference (ISCBC 2015)- Current trends in drug discovery and developments. "An organocatalytic novel C-C bond forming approach for the direct synthesis of highly substituted tetrahydrocarbazoles and carbazoles"	CSIR-Central Drug Research Institute, Lucknow, India.	CPDA	Feb, 25-28, 2015
12.	Dr. Sandeep Chaudhary	3rd international conference on Advanced oxidation Process (AOP 2014) 1O ₂ -Mediated Photo-oxygenation Ene Reaction on Artemisinin-Linked Allyl Alcohols: An Efficient methodology to Generate Antimalarial Artemisinin-1,2,4-Trioxane hybrid	East end Hotel, Munnar, Organized by Mahatma Gandhi University, Kottayam, Kerala, India	CPDA	Sep, 25-28, 2014
13.	Dr. Sumanta Kumar Meher	National Conference on Recent Advances in Materials Sciences (RAIMS-2014)	VSSUT Burla, Sambalpur, Odisha	MNIT Jaipur	August 23-24, 2014
14.	Dr. Sumit Kumar Sonkar	Green Chemistry	The Chinese University of Hong Kong in Hong Kong China	MNIT Jaipur/GRC-USA	July 27 to August 01, 2014
15.	Dr. Sumit Kumar Sonkar	Green Chemistry	Dausa PG college Rajasthan	Department of Chemistry, Govt P.G.College, Dausa, Rajasthan	DEC 17-18, 2014

Participation of Faculty in Short Term Courses in India:

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Prof. K.D. Gupta	Insitution building & leadership	IIM Ahemedabad	MNIT	June 22 25 2014
2.	Dr. Raj Kumar Joshi	Faculty Devlopment Programme	EDI Ahemdabad	MNIT	April 14-18,2014



Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. S. N. Naik	Professor, Centre for Rural Development & Technology, IIT Delhi	Development of Green Processes for the Extraction of antioxidants.	25 th July, 2014	
2.	Prof. R.K. Bansal		Stereochemistry	November 12, 2014	
3.	Dr. Pahup Singh		Mass and its applications	November 14, 2014	
4.	Rajendera Singh Dhayal	Postdoc fellow, National Dong Hwa University, Taiwan	Polyhydrido Copper Clusters: Liberation of H ₂ from Solar Energy and Reduction into Rhombus-Shaped Copper Nanoparticles	May 07, 2014	
5.	Gregory Smith	Prefessor, University of Cape Town, South Africa	Organometallic Macromolecules: from Metal-containing Polymers to Metallo dendrimers	October 09, 2014	
6.	Dr. Shahzada Ahmad	Senior Research Scientist, Abengoa Research Campus Palmas Altas, Sevilla, Spain on	Energy Conversion in Mesoscopic systems	October 28, 2014.	Institute
7.	Prof. Kishor R. Desai	Director, Department of Chemistry, Uka Tarsadia University & Ex-Prof. and Head, South Gujarat University, Gujarat	Green Chemistry	30-01-2015	MNIT Institute

Visit of Faculty Members to other Institutions :

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. Raj Kumar Joshi	Department of Chemistry, University of Cape town, South Africa	Discussion of ongoing research joint project	21 st Jan 2015 to 4 th Feb 2015	DST
2.	Dr. Sandeep Chaudhary	Department of Organic Chemistry, Perm State University, Russia Federation	As part of DST-RFBR Indo-Russain Joint Research Project	20-03-2015 to 31-03-2015	DST, New Delhi

Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Rajendera Singh Dhayal	Postdoc fellow,	National Dong Hwa University, Taiwan	Deliver a Invited Lecture	May 07, 2014	
2.	Gregory Smith	Prefessor	University of Cape Town, South Africa	Joint Research project discussion	4 th to 10 th October 2014	NFR, South Africa
3.	Latisha Maqueda	Post Graduate Student	University of Cape Town, South Africa	Joint Research project discussion	4 th to 25 th October 2014	NFR, South Africa

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Dr. Jyoti Joshi	Asso. Professor	RashtriyaEktaDiwas	MNIT	31.10.2014	
2.	Dr. Jyoti Joshi	Asso. Professor	National Education Day	MNIT	11.11.2014	
3.	Dr. Jyoti Joshi & Dr. Sandeep Chaudhary	Asso. Professor & Asst. Professor	CANCER Awareness Programme	MNIT Jaipur	19-11-2014	MNIT Institute
4.	Dr. Jyoti Joshi & Dr. Sandeep Chaudhary	Asso. Professor & Asst. Professor	AIDS Awareness Programme	MNIT Jaipur	01-12-2014	MNIT Institute
5.	Dr Ragini Gupta		ON SEMINAR SEMINAR ON ATOMIC ENERGY FOR ROBUST NATIONAL DEVELOPMENT & EXHIBITION ON BARC TECHNOLOGIES	MNITJ	September 5-6, 2014	
6.	Dr Ragini Gupta		STCourse on Applications of Nanotechnology in Current Scenario.	MNITJ	September 22-26, 2014	

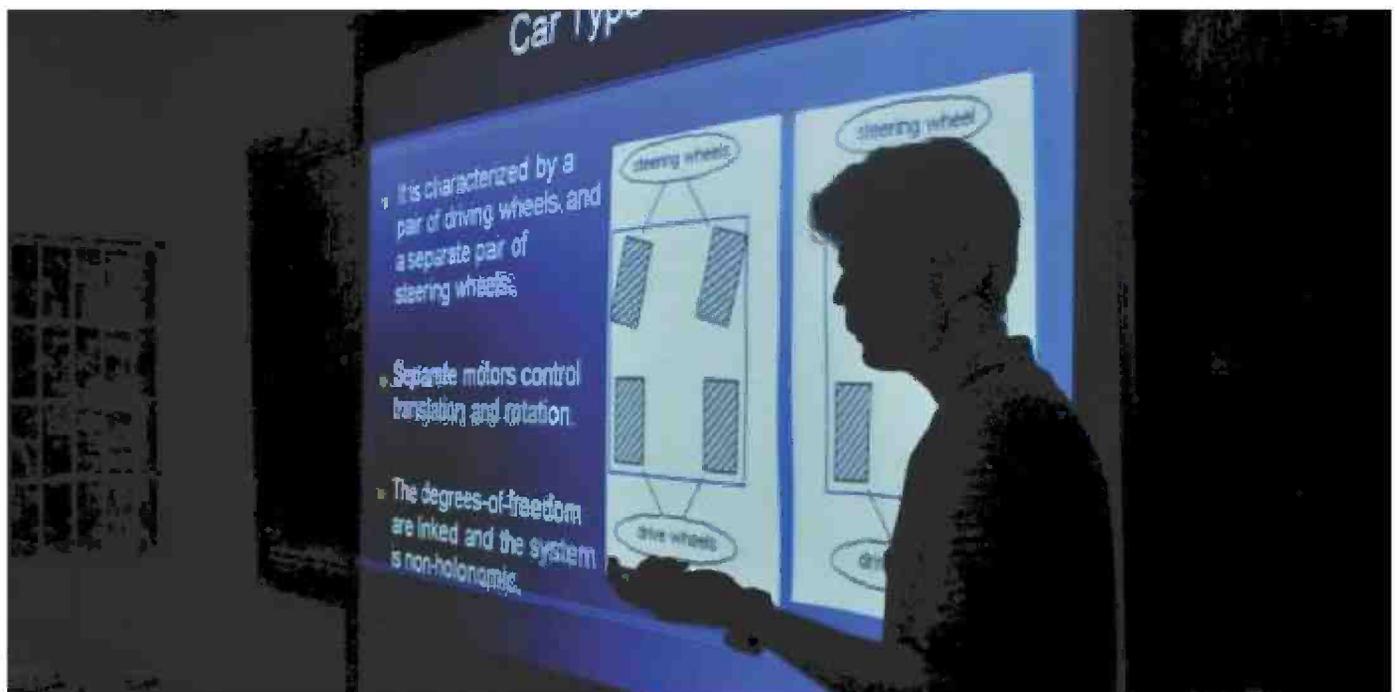
DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1.	Prof. M. C. Govil	International Conference on Intelligent Computing, Communication & Sciences - ICICCS 2015	Jaipur	April 10,2015	Video Streaming	Intelligent Computing, Communication	Regional Engineering College
2.	Prof. M. C. Govil	National Conference on Mathematical Analysis and Computation (NCMA-2015)	Jaipur	February 20-21,2015	Fault Tolerance in Cloud Computing	Mathematical Analysis and Computation	MNIT
3.	Dr. Pilli Emmanuel Shubhakar	National Conference on Emerging Trends in Computing Technologies	Vikram University, Ujjain	August 26, 2014	Evolving Architectures	Cloud Computing and Big Data	Vikram University, Ujjain

4.	Dr. Pilli Emmanuel Shubhakar	Invited Talk	Government Engineering College Bikaner	April 21, 2014	Cloud Computing and Big Data	Cloud Computing and Big Data	Government Engineering College Bikaner
5.	Dr. Meenakshi Tripathi (Invited Speaker)	International Conference on Information and Communication Technology for Competitive Strategies	Udaipur	November 14-16, 2014	Wireless Sensor Networks: Challenges and Issues	Wireless sensor Networks	CSI
6.	Dr. Meenakshi Tripathi (Invited Speaker)	National Workshop on Introduction to Wireless Network Tools and Techniques	Jaipur	November 9, 2014	Research issues in Wireless Sensor Network	WSN	Poornima Group, Jaipur
7.	Vijay Laxmi	Emerging Trends in Computer Engineering (ETICE)	SKIT, Jaipur	February 7, 2015	Malware Packer Detection	Information Security	SKIT, Jaipur
8.	Vijay Laxmi	2-day National level Workshop on Malware Analysis	Chitkara University, Chandigarh	December 4-5, 2014	Tools and Techniques for Malware Detection and Analysis	Malware Analysis Techniques	ACM Student Chapter
9.	Vijay Laxmi	(WNTT)	Poornima College, Jaipur	November 7, 2014	Browser: Vulnerabilities and Attacks	Information Security	Host
10.	Vijay Laxmi	One day National Symposia on Current Issues (NSCI-I)	Vivekananda Global University, Jaipur	February 8, 2014	Networks on Chip Current Trends in Interconnects	Journey of Transistor from Laboratory to Industry	Host
11.	MS Gaur	Co-operative Teaching (8 hours) on "Network on Chips	NIRMA University, Ahmedabad, Gujarat, India	March 13, 2015	Network on Chips	Networks on Chip	Host
12.	MS Gaur	Emerging Trends in Computer Engineering (ETICE)	SKIT, Jaipur	February 7, 2015	Mobile Insecurity	Information Security	Host
13.	MS Gaur	(WNTT)	Poornima College, Jaipur	November 7, 2014	Mobile Platform Insecurity: An Overview		Host

14.	MS Gaur, V.Laxmi, O.Faruki	Faculty Development Program	iStar, Vallabh Vidyanagar	November 29, 2014	Mobile Platform Insecurity: An Overview	IEEE	Host
15.	MS Gaur	NoC Workshop	UPV, Valencia, Spain	July 6-10, 2014	D2-LBDR, CHARM and its extensions	NoC	DST
16.	MS Gaur	Teaching Two days workshop on "Network on Chips	NIRMA University, Ahmedabad, Gujarat, India	February 7-8, 2014	Network on Chips	Networks on Chip	
17.	MS Gaur	3rd NKN Annual Workshop at IIT Guwahati	NIC and IIT Guwahati	December 15-17, 2014	Mobile Platform (In)Security	NKN: The E4 (Encourage, Empower, Enable, Enrich) NGN	
18.	MS Gaur	One day Workshop on NoC	IIIT Delhi	March 29, 2015		Distributed Routing Strategies for Fault Tolerance	
19.	MS Gaur	National Conference on Recent Advances in Electronics & Computer Engineering RAECE-2015	IIT Roorkee	February 14, 2015		Networks-on- Chip Introduction and Issues	
20.	MS Gaur	Mobile Platform Security	GTU, Ahmedabad	April 1, 2015		Research Week	
21.	MS Gaur	Networks-on-Chip	GTU, Ahmedabad	2014		Research Week	



Participation of Faculty in National Seminar/Symposia/Workshop/Conference:

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. Pilli Emmanuel Shubhakar	Technical Meet 2015	Cisco Global Briefing Center, Bangalore	Cisco	February 26-27, 2015
2.	Dr. Pilli Emmanuel Shubhakar	Higher Education Summit	Federation House, Delhi	FICCI	November 13-14, 2014
3.	Dr. Pilli Emmanuel Shubhakar	Software Defined Networking Summit 2014	Hewlett Packard STSD R&D Center, Bangalore	HP India	October 9-10, 2014
4.	Dr. Pilli Emmanuel Shubhakar	Faculty Residency Programme on Cyber Security	IBM Bangalore	IBM India	June 4-6, 2014
5.	Dr. Meenakshi Tripathi	INDICON-2014	Pune	CPDA	December 11-13, 2014
6.	Mushtaq Ahmed	Attended Institute Building and Leadership.	IIM Ahmedabad	CPDA	June 22-25, 2014
7.	Yogesh Kumar Meena	IEEE International Conference on Recent Advances and Innovations in Engineering	PCE, Jaipur	CPDA	May 9-11, 2014
8.	Yogesh Kumar Meena	International Conference on Information and Communication Technology for Competitive Strategies	Udaipur, Jaipur	CPDA	November 14-16, 2014
9.	Yogesh Kumar Meena	International Conference on Intelligent Computing, Communication & Convergence	Bhubaneswar, Jaipur	CPDA	December 27-28, 2014

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Dr. Pilli Emmanuel Shubhakar	Advanced Teaching Pedagogy	National Institute of Technical Teachers Training and Research, Chandigarh	NITTR Chandigarh	May 19-23, 2014
2.	Dr. Pilli Emmanuel Shubhakar	Faculty Development Programme on Entrepreneurship Development	Entrepreneurship Development Institute of India, Ahmedabad	TEQIP II	April 14-18, 2014

3.	Dr. Meenakshi Tripathi	One week short term training program Research Methodology and Design of Experiments	MNIT	CPDA	October 27-31, 2014
4.	Dr. Meenakshi Tripathi	Two days Workshop on professional communication	MNIT	CPDA	July 10-11, 2014
5.	Dr. Namita Mittal	Two days Workshop on professional communication	MNIT	CPDA	July 10-11, 2014

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. Rajkumar Buyya	Director, CLOUDS Lab, The University of Melbourne, Australia	Market-Oriented Cloud Computing and Big Data Applications	December 19, 2014	TEQIP II
2.	Ramki Thurimella	Professor & Chair Director, Colorado Research Institute for Security & Privacy Denver University, USA	Jam-Resistant Communication	April 22, 2015	
3.	Professor Adit D. Singh	Professor Electrical & Computer Engineering, Auburn University, AL USA	Error Detection and Recovery in Better-than-Worst-Case Timing Designs.	July 21, 2014	
4.	Priyadarsi Nanda	University of Sydney	Information Security and future challenges for Internet based computing; Intrusion Detection Systems, Cloud Security, Firewall Design and Internet of Things Security	January 22-23, 2015	
5.	Dr. Sekar Vyas	Carnegi Mellon University (CMU), USA	Software Defined Network Intrusion Detection Systems Design	December 23, 2014	
6.	Dr. Madhu Mutyam	Department of Computer Science and Engineering, IIT Madras (Currently on sabbatical at Intel)	Set-First Fill Mapping for an Energy-Efficient Pipelined Data Cache	October 17, 2014	
7.	Dr. Madhu Mutyam	Department of Computer Science and Engineering, IIT Madras (Currently on sabbatical at Intel)	NoC Router Design	December 31, 2014	

8.	Prof. Stan Scot	Head of School, School of Electronics, EE and CS	Research and academic collaboration with MNIT Jaipur	November 6, 2014	
9.	Prof Javed I. Khan	Professor & Chair, Department of Computer Science, Kent State University, USA	Recent Developments in wireless and Mobile Communication and its research scope	February 4, 2015	
10.	Prof. Janak Patel	Professor, Electrical & Computer Engineering, University of Illinois at Urbana, USA	CMOS Process Variations: A Critical operation point hypothesis	September 10, 2014	
11.	Prabhat Ranjan	Executive Director, TIFAC-CoRE, DST, Govt. of India, New Delhi	Real Life application of Networked Embedded Systems	September 27, 2014	
12.	Ramki Thurimella	Professor & Chair Director, Colorado Research Institute for Security & Privacy Denver University, USA	Keyless Jam Resistance Communication	March 20, 2015	
13.	Dr. Prakash RaghavENDRA	AMD, Bangalore	Parallel Processing: Architectures and Algorithms	September 26-28, 2014	

Visit of Faculty Members to other Institutions:

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	MS Gaur Vijay Laxmi	Indian Institute of InformationTechnology, Delhi	Research Interaction	March 29, 2015	UKIERI-II Project by British Council
2.	MS Gaur	Taganrog Institute of Technology	Research Interaction		DST
3.	MS Gaur	UPV, Valencia, Spain	Research Interaction and NoC Workshop	July 6-10, 2014	DST
4.	Vijay Laxmi	UPV, Valencia, Spain	Research Interaction	March 24-29, 2014	DST
5.	MS Gaur	Nirma			
6.	MS Gaur	Indian Institute of InformationTechnology, Delhi	Research Interaction	October 13, 2014	UKIERI-II Project by British Council
7.	MS Gaur	UK universities visited	Invited member to British High Commissions Conference on Cyber-Security	October 2014	British Council

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Ramki Thurimella	Professor & Chair Director, Colorado Research Institute for Security & Privacy	Denver University, USA	Invited Talk/Lecture	22 April 2015	
2.	Professor Adit D. Singh	Professor Electrical & Computer Engineering	Auburn University, AL USA	Invited Talk/Lecture	21 July, 2014	
3.	Priyadarsi Nanda		University of Sydney	Invited Talk/Lecture	22-28 January 2015	
4.	Dr. Sekar Vyas		Carnegi Mellon University (CMU), USA	Invited Talk/Lecture	23 December 2014	
5.	Dr. Madhu Mutyam	(Currently on sabbatical at Intel)	Department of Computer Science and Engineering, IIT Madras	Invited Talk/Lecture	17 October 2014, 31 December 2014	
6.	Dr. Mark Zwolinski	Professor	ECS, University of Southampton, UK	Joint research project meeting	October 16, 2014	
7.	Prof. Stan Scot	Head of School, School of Electronics, EE and CS		Invited Talk/Lecture	November 6, 2014	
8.	Prof. S. V. Raghavan	Scientific Secretary, Govt. of India		Interaction with Faculty members	Sept. 19. 2014	

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Prof. M. C. Gocil Dr. Pilli Emmanuel Shubhakar	Assistant Professor	Workshop on Parallel (CUDA & Open CL) and Heterogeneous Computing	MNIT Jaipur	November 10 11, 2014	TEQIP II

2.	Prof. M. C. Govil Dr. Pilli Emmanuel Shubhakar	Assistant Professor	Workshop on Application of Wireless Sensor Networks for Disaster Management	MNIT Jaipur	June 17 18, 2014	TEQIP II
3.	Dr. Meenakshi Tripathi and Mr. Ramesh B. Battula (Coordinator)	Assistant Professor	A FDP on Advanced Wireless Networks	CSE, MNIT, Jaipur	June 30- July 4, 2014	TEQIP
4.	Dr Namita Mittal , Dr Rashmi Jain, Coordinators, Dr Ritu Agarwal, Organising Secretary	Assistant professor	NCMAC 2015	MNIT Jaipur	February 20-21, 2015	NITTR Chandigarh, MNIT Jaipur

DEPARTMENT OF ELECTRICAL ENGINEERING

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Dr. Nitin Gupta	Implementation of Power electronics Systems	SVNIT Surat, Gujrat	CPDA	29 th December 2014 02 nd January 2015
2.	Dr. Anil Swarnkar	Faculty development programme in Entrepreneurship for faculty members of MNIT	EDI Ahmedabad	TEQIP -II	14-18 April 2014
3.	Dr. Vijaya Kumar K	Faculty development programme in Entrepreneurship for faculty members of MNIT	EDI Ahmedabad	TEQIP -II	14-18 April 2014
4.	Dr. Vijaya Kumar K	Advanced Pedagogy	NITTR, Chandigarh	TEQIP -II	19-23 May 2014
5.	Dr. Vijaya Kumar K	Research, Innovations and Technologies for Smart Microgrid	NIT, Calicut	TEQIP -II	08-14 June 2014
6.	Prof. R. A. Gupta	Programme on Institution building & leadership	IIM Ahmedabad	TEQIP -II	22-25 June 2014
7.	Prof. Manoj Fozdar	Programme on Institution building & leadership	IIM Ahmedabad	TEQIP -II	22-25 June 2014
8.	Dr. Rajesh Kumar	Programme on Institution building & leadership	IIM Ahmedabad	TEQIP -II	22-25 June 2014

Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. Saroj Rangnekar.	Professor, Dept. of Energy, MANIT, Bhopal	Accreditation in present context	2 Dec 2014	MNIT

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. Anil Swarnkar	SVNIT Surat	Deliver lecture in short term training program	5 Jan 2015	TEQIP-II

Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. R. C. Bansal	Professor	Univ. of Pretoria, South Africa	Faculty & Scholars Interaction	26 Dec. 2014	MNIT
2.	Dr. Abhyankar	Associate Professor	IIT Delhi	Faculty & Scholars Interaction	12 Jan 2015	MNIT
3.	Dr. Naran M. Pindoria	Assistant Professor	IIT Gandhi Nagar	Faculty & Scholars Interaction	17 Oct 2014	MNIT
4.	Dr. Ashwini Kumar	Professor	NIT Kurukshetra	Faculty & Scholars Interaction	6 Dec 2014	MNIT
5.	Prof. D. Thukaram	Professor	IISc Bangalore	Faculty & Scholars Interaction	30 Jun 2014	MNIT
6.	Prof. S. P. Srivastava	Professor	IIT Roorkee	Faculty & Scholars Interaction	5 Sep 2014	MNIT

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Prof. R. A. Gupta Dr. H. P. Tiwari Dr. Nitin Gupta	Principal Coordinator Course Coordinators	Advancement and Application of Power Electronics in Present Scenario	MNIT Jaipur	22-26 December 2014	TEQIP and Registration Fees

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1	Mr. Amit M Joshi	Hardware and Software Realization of Image and Video processing and its application	CSPIT, Changa, Gujarat	29/1/2015	Design of Arithmetic Building Blocks	Workshop	GUJCOST
2	Mr. Amit M Joshi	Hardware and Software Realization of Image and Video processing and its application	CSPIT, Changa, Gujarat	30/1/2015	Hardware Implementation Of Watermarking Algorithm	Workshop	GUJCOST
3	Prof. R.P.Yadav	International Conference on Recent Cognizance in Wireless Communication and Image Processing ICRCWIP2014	Jaipur	Jan. 16-17, 2015	Panel discussion on Trends in Wireless Communication	Wireless Communication	The Optical Society. IETE, Springer
4	Dr. S. J. Nanda	Third Int. Conf. on Hydrology & Metrology (Hydrology-14)	HICC, Hyderabad	Sept 15-16, 2014	Nature Inspired Clustering Algorithms for Analysis of Natural Databases	Presented Research Paper	MNIT Jaipur
5	Dr. S. J. Nanda	IEEE Int. Conf. on High Performance Computing and Applications (IEEE ICHPCA 2014) ,	C.V. Raman, Bhubaneswar,	Dec. 20-22, 2014	A New Density Based Clustering Algorithm for Binary Data Sets	Presented Research Paper	MNIT Jaipur
6	Prof. K.K. Sharma	National Con. On RF & Wireless Comm. Networks	New Delhi	Dec. 5, 6-2014	Fractional Transforms & applications in Communications	RF & Wireless Comm.	Amity School of Engg. New Delhi
7	Prof. V. Sahula	National Conference on Innovation in Wireless Communication & Networking Technology	Jaipur	19 th April 2014	CMOS & Beyond:Roadmap of an Enabling Technology		
8	Prof. V. Sahula	World Telecommunication & Information Society Day (WTISD), IETE, Pilani	Pilani	20 th May 2014	Broadband for Sustainable Development	World Telecomm. & Information Society Day (WTISD)	-
9	Prof. V. Sahula	IIT Mandi-TU9-Germany Workshop on Emerging Technology Trends	IIT Mandi	26-27 Sept. 2014	Research efforts in Nanoelectronics & VLSI at NIT Jaipur		

10	Prof. V. Sahula	IMPACT National Conference on 'Innovations in MicroElectronics, Signal Processing and Communication Technologies	VIT Jaipur	25 th -26 Feb. 2015	Exascale Computing		
11	Prof. V. Sahula	Workshop on Modeling, Simulation and computing	LNM-IIT Jaipur	16 th Jan. 2015	Probabilistic Reasoning using Graph Models		

Participation of Faculty in Short Term Courses Abroad

S. No.	Name of the Faculty	Name of the Course	Place	Country	Funding Agency	Date(s)
1.	Dr. Ghanshyam Singh	International Krutyn Summer School 2014	Krutyn	Poland	TEQIP, MNIT Jaipur	08.06.2014 14.06.2014
2	Dr. Vijay Janyani	International Krutyn Summer School 2014	Krutyn	Poland	TEQIP, MNIT Jaipur	08.06.2014 14.06.2014
3	C.Periasamy	International Krutyn Summer School 2014	Krutyn	Poland	TEQIP, MNIT Jaipur	08.06.2014 14.06.2014

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Mr. Amit M Joshi, Dr. Samar Ansari, Dr. Ravikumar Madilla, Dr. Styasai J Nanda	Five days FDP on Advanced Pedagogy	NITTTR, Chandigarh	TEQIP-II, MNIT, Jaipur	19th - 23rd May 2014
2	Mr. Amit M Joshi, Dr. Samar Ansari, Dr. Ravikumar Madilla, Dr. Styasai J Nanda	One day Training Programme on Communication Skills	RIE, Chandigarh	TEQIP-II, MNIT, Jaipur	21st May 2014
3	Mr. Amit M Joshi, Dr. Samar Ansari, Dr. Satyasai J Nanda, Dr. G. Singh, Dr. C. Perisamy, Prof. K. K. Sharma, Dr. V. Janyani	Five Days FDP program on Entrepreneurship for faculty members of MNIT, Jaipur	Entrepreneurship Development Institute (EDI), Ahmedabad.	TEQIP II MNIT Jaipur	14-18 April 2014
4.	Mr. Amit M Joshi	Audio and Speech signal processing	SVNIT, Surat	TEQIP II SVNIT, Surat	7-11 July, 2015
5	Prof. K. K. Sharma, Dr. G. Singh & Prof. V. Sahula	One week leadership enhancement program at IIM Ahmedabad	IIM Ahmedabad	TEQIP-2	22-25 June 2014
6	Prof. K. K. Sharma,	STC on Analysis & Applications	MNIT Jaipur		Nov. 10-14, 2014

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. Shastri Kota	University of Oulu	Satelite Communication and Networking	6 Jan-15 Jan,2015	
2.	Dr. Vinod Kumar	Alcatel lucent	Mobile communication	Feb-015	

Visit of Faculty Members to other Institutions/abroad

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Prof. V. Sinha	Aalto University(Collaboration), Finland (Espoo):	Collaboration	August 6-14, 2014	
2	Prof. V. Sinha	UPTEC, Lucknow: Chairman, Board of Directors			
3	Prof. V. Sinha	RVCF, Jaipur: Rajasthan Venture Capital, Independent Director			
4	Prof. V. Sinha	Faculty Selection Committees: IIT/B; IIT/D; IIT/G			

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Topic of Invited Lecture	Date(s)	Funding Agency
1.	Dr. Sastri L. Kota	Professor	University of Oulu/ SoHum Consultants	1-credit intensive course on "Satellite Communication: Principles & Research challenges"	6th to 15th January 2015	MNIT, Jaipur
2.	Dr. Vinod Kumar	Senior Technologist	Alcatel lucent, France	1-credit intensive course on "Wireless communications: Principles & Research challenges"	16-28 Feb. 2015	MNIT, Jaipur
3.	Prof. Hiroyuki Tsuda (ECE Dept, KEIO University Japan)	Professor	Japan	Visiting un der JSPS	20-22 Aug. 2014	MNIT, Jaipur
4.	Dr. Debashish Ghosh	Professor	IIT Roorkee	Examiner for B.Tech, projects	May 2014	MNIT Jaipur
5.	Prof. Ganapati Panda (IIT Bubhneswar),	Professor	IIT Bhubhneswar	Invited Speaker	17-21 Dec. 2014	MNIT Jaipur
6.	Prof. S. D. Joshi (IIT Delhi)	Professor	IIT Delhi	Invited Speaker	17-21 Dec. 2014	MNIT Jaipur
7.	Dr. Abhijit Karmakar (CEERI Pilani),	Sr. Scientist	CEERI Pilani	Invited Speaker	17-21 Dec. 2014	MNIT Jaipur

8.	Dr. Ajit Kumar Sahoo (NIT Rourkela)	Professor	NIT Rourkela	Invited Speaker	17-21 Dec. 2014	MNIT Jaipur
9.	Dr. Takasumi Tanabe, KEIO University Japan	Professor	Japan	Visiting under JSPS	25-Sept-2014	MNIT Jaipur
10.	Prof. P. Chakrabarti (IIT Bhu, Director, MNNIT Allahabad);	Professor	Director, MNNIT Allahabad	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
11.	Prof. D. Nagchoudhuri (Ex-IITD);	Professor	DA-IICT, Gandhinagar	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
12.	Dr. Mahesh Kumar (IIT Jodhpur),	Professor	IIT Jodhpur	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
13.	Dr. Karuppanan (MNNIT Allahabad),	Professor	MNNIT Allahabad	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
14.	Dr. Gopal	Professor	Central Univ., Ajmer	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
15.	Dr. Nanda Shakti (Central Univ., Rajasthan)	Professor	Central Univ., Ajmer	Invited Speaker	1-4 Oct. 2014	MNIT Jaipur
16.	Dr. A. D. Darji	Assistant Professor	SVNIT, Surat	Invited Speaker	28 Mar 01 April 2015	MNIT Jaipur
17.	Dr. Naushad Alam	Assistant Professor	AMU, Aligarh	Invited Speaker	28 Mar 01 April 2015	MNIT Jaipur
18.	Prof. Mohd. Hasan	Professor	AMU, Aligarh	Invited Speaker	28 Mar 01 April 2015	MNIT Jaipur
19.	Mrs. Rasika Dhavse	Assistant Professor	SVNIT, Surat	Invited Speaker	28 Mar 01 April 2015	MNIT Jaipur
20.	Prof. R. M. Patrikar	Professor	VNIT, Nagpur	Invited Speaker	28 Mar 01 April 2015	MNIT Jaipur

Seminar/Conference/Workshop/Short Term Course organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Mr. Amit M Joshi, Dr. Samar Ansari	Assistant Professor	STTP on Advance Digital Design and circuits	MNIT, Jaipur	28 March-1st April, 2015	MNIT, Jaipur
2.	Dr. M. S. Ansari, Dr. S. J. Nanda, Dr. M. Ravi Kumar and Mr. Amit M. Joshi	Assistant Professor	Technical Manuscript Preparation with LaTeX	MNIT, Jaipur	28th January 2015	MNIT, Jaipur

3.	Mr. Amit M Joshi	Assistant Professor	Analog Design Contest	MNIT, Jaipur	14th March,2015	MNIT, Jaipur
4.	Dr. S.J. Nanda	Assistant Professor	FDP on Nature Inspired Computing Application	MNIT, Jaipur	2 April- 6 April, 2015	MNIT, Jaipur
5.	Dr. M. S. Ansari, Dr. S. J. Nanda, Dr. M. Ravi Kumar and Mr. Amit M. Joshi	Assistant Professor	Scope and Authoring of Research Articles	MNIT, Jaipur	20 April, 2015	MNIT, Jaipur
6.	Prof. V. Sinha	Professor Emeritus	General Chair: IEEE International Conference on Recent Advances and Innovations in Engineering (ICRAIE-2014), Jaipur;	Jaipur	May 9-11, 2014	
7.	Prof. V. Sinha	Professor Emeritus	Co-Chair, Technical Programs Committee: International Conference on Signal Propagation and Computer Technology, ICSPCT-2014; Ajmer, India;	Ajmer	July 12-13, 2014	
8.	Dr. V. Sahula	Professor	Half day workshop on Innovation through students project work (Mahindra RisePrize)	MNIT Jaipur	10-Aug-14	
9.	Mr. Amit M. Joshi, Dr. S. J. Nanda, Dr. V. Sahula, Prof. V. Sinha		One day research symposium for Parents/Alumni & research scholars		30th March 2014	
10.	Dr. V. Sahula as team member (fellowship chair)		Embedded Systems' Week- IEEE/ACM CODES+ISSS+CASES		12-17 Oct 2014	
11.	Dr. Satsai J. Nanda, Dr. V. Sahula, Prof. V. Sinha		1-credit intensive course on "Wireless communications: Principles & Research challenges"		16-Feb-2015 to 28-Feb-2015	
12.	Dr. Ravi K. Maddila, Dr. V. Sahula, Prof. V. Sinha		1-credit intensive course on "Satellite Communication: Principles & Research challenges"		6-Jan-2015 to 15-Jan-2015	
13.	Dr. C. Periasamy, Dr. L. Bhargava, Dr. V. Sahula		Emerging Technologies: Electronic Devices and Materials (ETEDM-2014)		01 - 04 Oct. 2014	
14.	Dr. S. J. Nanda, Dr. V. Sahula		Faculty Development Programme on Advancements in Adaptive Signal Processing (TEQIP-2)		17 - 21 Dec. 2014	
15.	Organized by All faculty members of dept. of ECE Coordinated by [Dr. S. J. Nanda, Dr. R. K. Maddila, Dr. Amit M. Joshi, Dr. V. Sahula]		Orientation & Course Registration- Postgraduates		25 July 2014	

16.	Organized by All faculty members of dept. of ECE Coordinated by [Dr. S. J. Nanda, Dr. Amit M. Joshi, Dr. V. Sahula]		One day Symposium on Research for Alumni/Parent/Students		30 March 2014	
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DEPARTMENT OF MECHANICAL ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference:

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1.	Dr. Amar Patnaik	2 nd International Conference on Corporate Social Responsibility and Sustainable Development	Jakarta, Indonesia	2 nd 5 th June 2014	Analysis of Ceramic Armor materials for light weight military vehicles		
2.	Dr. Amar Patnaik	National Conference on Innovation in Futuristic Materials & Manufacturing Techniques	School of Engineering & Technology Manipal University, Jaipur.	27 th Dec 2014	Investigation of Mechanical and Wear Characteristics of light-cured dental composites reinforced with silane treated nano-size SiO ₂ filler particles		
3.	Dr Dinesh Kumar	National Seminar	Ganpat University, Gujarat	16-17 January, 2015	Mathematical Modeling	Research Methodology	Ganpat University, Gujarat
4.	Dr. Harlal Singh Mali	STTP on Advanced and Micro Manufacturing	PEC University of Technology, Chandigarh	2-6, June 2015	Advanced Finishing through Abrasive Flow Machining Processes	Expert lecture in STTP for faculties	TEQIP Phase-II
5.	Dr. Harlal Singh Mali	Model lectures for M Tech Students	National Institute of Technical Teachers Training and Research, Chandigarh	29 th Dec-3 rd Jan 2015	Advanced Manufacturing Methods	Model Lectures	NITTR, Chandigarh
6.	Dr. Gunjan Soni	Emerging Trends in Mechanical Engineering in Education & Professional Practices (ETMPEP-15)	Poornima Group of Institutions, Jaipur	28th Feb., 2015	Artificial Intelligence in Manufacturing	New advances in theoretical and experimental research in the field of Mechanical Engineering	ISTE, IIE, ISHRAE

7.	Dr. Gunjan Soni	Mathematical Programming and Operations Research	MNIT Jaipur	12th March, 2015	Game theory	Operations Research	TEQIP-II
8.	Dr. Gunjan Soni	Research Methodology & Design of Experiments	MNIT Jaipur	29th Oct., 2015	Introduction to MINITAB	Software for research	TEQIP-II
9.	Dr. Gunjan Soni	Research Methodology & Design of Experiments	MNIT Jaipur	30th Oct., 2015	Genetic Algorithms	Metaheuristics	TEQIP-II
10.	Dr. Himanshu Chaudhary	Technologies for Autonomous Soldier Assist Systems (TASAS-14)	Jadavpur University, Kolkata	7th and 8th August 2014	Dynamic Balancing of Mechanical Systems	Mobility Systems Land	The Defence Research and Development Organization (DRDO) and Jadavpur University

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Prof. Rakesh Jain	BPSCM -2014	Udaipur	CPDA	28-30 th Nov. 2014
2.	Dr. M.L.Meena	India- US Technology Summit & Knowledge expo 2014	Greater Noida, Delhi	CSAB	18-22 Nov. 2014
3.	Dr. Harlal Singh Mali	5 th International & 26 th All India Manufacturing Technology, Design and Research Conference AMTDR 2014	Indian Institute of Technology, Guwahati, Assam	CPDA	12-14 Dec, 2014
4.	Dr. Harlal Singh Mali	A Conference on Panel Discussion on Orthopaedic devices for current and future needs	Indian Institute of Technology, Delhi	DST	31 st Oct 2014
5.	Prof. S.L.Soni	Studies of Thumba seed oil on Engine Performance, Combustion and Exhaust Emission Characteristics.	IICT, Tharanaka, Hyderabad		29 th Oct. 2014
6.	Prof. G.S.Dangyach	10 th FICCI Higher Education Summit 2014	New Delhi	TEQIP II	12-14 Nov. 2014
7.	Prof. Jyotirmay Mathur	ASIM 2014- 2 nd Asia Conference of International Building Performance Simulation Association.	Nagoya, Japan	CPDA	28-29 th Nov. 2014.
8.	Dr. Amit Singh	12 th Global Conference on Sustainable manufacturing	Switzerland	CPDA	22-24 th Sept. 2014
9.	Dr. Amar Patnaik	Operation Center of M/s Siemens	Ahmedabad, Gujrat	Under the Head of TA & DA	18-19 th Nov. 2014
10.	Dr. Amit Singh	12 th Global Conference on Sustainable Manufacturing	Johor Bahru, Malaysia	MNIT, Jaipur	25 th - 27 th September
11.	Dr M L Meena	National Conference on Sustainable Manufacturing (NCSM-2015)	MNIT, Jaipur	MNIT, Jaipur	2-3 January, 2015

12.	Dr Dinesh Kumar	The 59th Congress of The Indian Society of Theoretical and Applied Mechanics (An International Conference)	Alliance University, Anekal, Bangalore	CPDA	17-20 December 2014
13.	Dr. Harlal Singh Mali	AU-SAARC 2014 annual summit	Autodesk University (AU), Mumbai	CPDA	12 th Sep 2014
14.	Prof. Awadhesh Bhardwaj	FICCI	Jaipur	MNIT	
15.	Prof. Awadhesh Bhardwaj	PHDCCI	Delhi	MNIT	
16.	Prof. Awadhesh Bhardwaj	CII HR Conclave	Jaipur	MNIT	
17.	Dr. Himanshu Chaudhary	Training program on Institution Building and Leadership	IIM Ahmedabad	TEQIP, MNIT Jaipur	June 22to25, 2014
18.	Dr. Himanshu Chaudhary	Faculty Development programme in Entrepreneurship for Faculty Members	Entrepreneurship Development Institute of India, Ahmedabad	TEQIP, MNIT Jaipur	April 14 to 18, 2014
19.	Dr. Himanshu Chaudhary	<i>Problem Solving Pedagogy in Kinematic and Dynamics of Machines</i>	<i>IIT Delhi</i>	<i>TEQIP, IIT Delhi</i>	<i>July 28 and 29, 2014</i>
20.	Dr. Himanshu Chaudhary	Programme on Managing Technical Institute	MDI Gurgaon	TEQIP, MNIT Jaipur	October 7to 11, 2013

Participation of Faculty in Short Term Courses in India

S. No.	Name of the Faculty	Name of the Course	Place	Funding Agency	Date(s)
1.	Dr. Dinesh Kumar	Structure and Characterization of Materials	IIT, Kanpur	TEQIP	22-26 Dec. 2014
2.	M. L. Meena	Faculty Development Programme in Entrepreneurship	Entrepreneurship Development Institute of India, Ahmedabad	MNIT	14.04.2014 to 18.04.2014
3.	Dr Dinesh Kumar	STTP on Structure and Characterization of Materials	IIT Kanpur	TEQIP	December 22-26, 2014
4.	Prof. S.L.Soni	Programme on Institution Building & Leadership	IIM Ahmedabad	TEQIP	22 nd 25 th June, 2014

Guest Lectures Organized in the Department

S.No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. P. N. Rao	Professor, University of Northern Iowa, USA	Emerging Trends in Education	10 Feb. 2015	MNIT
2.	Prof. N. Vishwandam	INAE Distinguished Professor Indian Institute of Science	Innovation for India by India	15/12/2014	MNIT Jaipur
3.	Prof. J. Anand Vaz	Professor and Head Department of Mechanical Engineering NIT Jalandhar	Unified Approach to Modeling & Simulation Dynamic System	18/02/2015	MNIT Jaipur
4.	Mr. Nihit Mohan	Senior Portfolio Analyst - Portfolio Monitoring & Forecasting Standard Chartered Bank	Data Analytics	09/02/15	MNIT Jaipur
5.	Professor S K Saha	Professor, IIT delhi	Robotics Engineering	Mar. 14, 2015	MNIT Jaipur

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. Amar Patnaik	School of Engineering and Technology, IFTM University, Moradabad	Expert Lecture in Faculty Development Programme on Emerging Research Trends in Engineering & Technology	21 st April 2014	TEQIP-II
2.	Dr. Amar Patnaik	Gujarat Technological University, GTU. Nr. VGEC College, IIT Gandhinagar, Chandkheda. Ahmedabad	Expert lecture delivered on Advance materials design and analysis in tribology fields	20 th April 2014	GTU, Gujrat
3.	Rakesh Jain	Datta Meghe Institute of Technology Wardha	Keynote Speaker	18/12/14	DMIET wardha
4.	Dr. Amit Singh	CGCRI, Kolkatta	Research Collaboration	11-12 th	
5.	Dr Dinesh Kumar	Ganpat University, Gujarat	To Deliver expert lecture on Mathematical Modeling in the National Seminar on Research Methodology	16-17 January, 2015	Ganpat University Gujarat
6.	Dr. Harlal Singh Mali	Gujurat Technological University, Ahemdabad	Expert Professor to review Doctoral Candidates & PG Students at the Research	24-26 Mar 2015	GTU
7.	Dr. Harlal Singh Mali	National Skill Development Corporation (NSDC)	Jury for final selection	25 Feb- 1 st Mar 2015	NSDC

8.	Prof. Jyotirmay Mathur	IISc Bangalore	Presentation and Participation at Energy Efficiency and Solar Integration in Buildings Symposium on Research Directions in Solar Energy 2014	01 st -02 nd April 14	
9.	Prof. Jyotirmay Mathur	IGBC Hyderabad	Training program on Energy Simulation	1 st -2 nd Sept. 2014	
10.	Prof. Jyotirmay Mathur	CEPT University, Ahmedabad	CBERD Project Review Meeting	29 th Sept. 2014	
11.	Prof. Jyotirmay Mathur	DST, New Delhi	CBERD Project Review Meeting	17 th Nov.2014	
12.	Prof. Jyotirmay Mathur	CEPT University, Ahmedabad	CBERD Project Review Meeting	21 st Nov. 2014	
13.	Prof. Jyotirmay Mathur	Engineering and Science(E&S) Building, Nagoya University, Japan	International conference (IBPSAASIM-2014)	28 th - 29 th Nov.2014	
14.	Prof. Jyotirmay Mathur	The British University, Dubai Campus & KIT Karsruhe, Germany	Deliver Invited lecture	27 th -31 st Jan. 2015	
15.	Prof. S.L.Soni	AVL India, IIT Delhi, IOC R&D Faridabad	Visit of Research Laboratories for Developng similar at MNIT	3 rd 5 th July, 2014	TEQIP
16.	Prof. S.L.Soni	TCS, New Delhi	SPARSH-2014 Placement Officers meet	10 th -11 th July, 2014	TCS
17.	Prof. S.L.Soni	IIT Delhi, IOC R&D Faridabad	Visit of Research Laboratories for Developng similar at MNIT wit Executive Engineer Mr. Munjal Estate MNIT	30-09-2014	TEQIP
18.	Prof. S.L.Soni	Wipro, Pune	LEAP-2014 Placement Officers meet	7 th 8 th August, 2014	WIPRO
19.	Prof. S.L.Soni	AIU	V.Cs. Conference	09-01-2015	TEQIP
20.	Dr. Himanshu Chaudhary	Gujurat Technological University, Ahemdabad	Expert Professor to review Doctoral Candidates & PG Students at the Research research week 2015	2- 3 April 2014	GTU Ahemadabad
21.	Dr. Himanshu Chaudhary	Gujurat Technological University, Ahemdabad	Expert Lecture	2- 3 April 2014	GTU Ahemadabad
22.	Dr. Himanshu Chaudhary	Gujurat Technological University, Ahemdabad	Expert Professor to review Doctoral Candidates & PG Students at the Research research week 2015	24-26 Mar 2015	GTU Ahemadabad
23.	Dr. Himanshu Chaudhary	Gujurat Technological University, Ahemdabad	Expert Lecture	24-26 Mar 2015	GTU Ahemadabad

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. Sheryl Sorby	Professor	The Ohio State University, USA	To explore possibilities of joint research in the department	17 th Mar, 2015	NSF
2.	Prof. PN Rao	Professor	University of Northern Iowa	Expert lectures on Tool design for M.Tech in Production Engineering	6 th Jan-27 th Feb	MNIT

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Prof. S.L. Soni	Professor	SAE Student Convention	MNIT Jaipur	13-09-2014	Sponsorship-SAE-
2	Prof. G.S. Dangayach	Professor	National Conference on Sustainable Manufacturing for a Brighter Future	MNIT	2 nd -3 rd January, 2015	TEQIP RICO- PCRA
3	Dr. M.L.Mittal	Associate Professor	STTP on Research Methodology & Design of Experiments	MNIT Jaipur	27-31 st Oct. 2014	TEQIP
4	Dr Dinesh Kumar	Assistant Professor	STTP on Finite Element Methods Through Altair Hyper Works	MNIT Jaipur	2 June 6 June 2014	TEQIP + Self Financed
5.	Dr. Harlal Singh Mali	Assit Professor	Altair Manufacturing Solutions (Hyper Form & HyperXtrude)	MNIT	28 th Sep 01 st Oct, 2014	CPDA
6.	Dr. Harlal Singh Mali	Assistant Professor	A workshop on Mechatronics in Manufacturing	MNIT	15 th Nov, 2014	CPDA
7.	Prof. Jyotirmay Mathur	Head	A training of trainers for ECBC	Hotel FERN Jaipur	September 12-13, 2014	BEE & UNDP-GEF
8.	Prof. Jyotirmay Mathur	Head	Training program on Energy Simulation	IGBC Hyderabad	September 1-2, 2014	IGBC
9.	Prof. S.L. Soni	Convener	SAE NIS Student Convention 2014	MNIT	13-09-2014	Sponsorships
10.	Prof. S.L.Soni	Coordinator	West Zone Vice Chancellor Meet	MNIT	1 st 2 nd December, 2014	Sponsorships
11.	Prof. S.L. Soni	Coordinator	Motivation Lecture	MNIT	18-01-2014	Career Launcher

12.	Awadhesh Bhardwaj (Co-coordinator: Dr. Monica Sharma)	Professor	Faculty Development Programme on Entrepreneurship Development	Jaipur		DST Govt. of India
13.	Awadhesh Bhardwaj (CO-coordinator: Dr. GS Dangayach)	Professor	Ten (10) Entrepreneurship Awareness Camps	Jaipur, Tonk		DST Govt. of India
14.	Dr. Gunjan Soni	Assistant Professor	Research Methodology and Design of Experiments	MNIT	27-31st Oct., 2014	TEQIP-II

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Keynote addresses by the faculty in seminar/symposium/workshop/conference:

S. No.	Name of Faculty	Title of event (Workshop)	Place	Date(s)	Title of keynote address	Theme	Funding agency
1.	Prof. U Pandel	Accreditation parameter and their Implementation	Ajmer	10/04/2015	NBA parameter	NBA	GWEC Ajmer
2.	Dr. R.K. Duchaniya	Accreditation parameter and their Implementation	Ajmer	10/04/2015	NBA parameter	NBA	GWEC Ajmer
3.	Mr. Krishna Kumar	Accreditation parameter and their Implementation	Ajmer	10/04/2015	Documentation for NBA	NBA	GWEC Ajmer
4.	Prof. U Pandel	NBA Documetation	Chandigarh	24/03/2015	NBA parameter	NBA	NITTTR Chandigarh
5.	Dr. RK Duchaniya	NBA Documetation	Chandigarh	24/03/2015	NBA parameter	NBA	NITTTR Chandigarh
6.	Mr. Krishna Kumar	NBA Documetation	Chandigarh	24/03/2015	Documentation for NBA	NBA	NITTTR Chandigarh
7.	Dr. Vinod Kumar	High Entropy Alloys	Chennai				IIT Chennai
8.	DR. Vinod Kumar	Course on Advanced Pedagogy, NITTTR	NITTTR, Chandigarh	19-23 May, 2014	Course on Advanced Pedagogy, NITTTR	Course on Advanced Pedagogy, NITTTR	Chandigarh
9.	Mr. Krishna Kumar	Course on Advanced Pedagogy, NITTTR	NITTTR, Chandigarh	19-23 May, 2014	Course on Advanced Pedagogy, NITTTR	Course on Advanced Pedagogy, NITTTR	Chandigarh

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. J. Sunder Rajan, CPRI, Bangalore		Interaction with students & faculty and Technical talk on Application of Steels and Thermal Spray Coating in Hydro Power Projects	19 Sept., 2014	
2.	N. Murugesan, Director General, CPRI Bangalore				
3.	Prof. D.B. Goel, IIT Rorkee				
4.	Mr. S.S.Meena, Chief Er., Kali Sindh Power Plant, Rajasthan				
5.	Dr. S.V.Kamat (DMRL Hyderabad)		Technical Talk on Advanced Magnetic Materials	5 Sep.,2014	
6.	Prof. G.D.Verma (IIT Roorkee)		Recent Development in Superconducting Materials		
7.	Rof.R.Chatterjee (IIT Delhi)		Electro Shape memory in smart Ceramics		
8.	Prof.S.M.Shivprasad (JNCASR Bangalore)		Multi-functional manifestations of III-Nitride Nanostructures and Films		
9.	Dr.d. Bhattacharya (CGCRI Kolkatta)		Multiferrocity in Nano and Improper Ferroelectric Systems		
10.	Prof. Satya Prakash, IIT Roorkee		Programme Educational Objectives (PEO) & Programme Outcomes (PO) and Curriculum of UG/PG of Met. & Mat. Engg. Dept	13 June, 2014	
11.	Prof. V.K.Tiwari, VC Graphicera University, Dehradoun				
12.	Dr. S. Kamath, Scientist, BARC		MNIT-DRDO-OFB Meet for Joint Research Program	25 April, 2014	
13.	Mr. Devender Kr. Sharma(Retd. Joint Director), EMDI Jaipur		Promoting Techno-Entrepreneurship	19 March, 2014	
14.	Mr.Viswas Jain, CMD, CEG, Jaipur				
15.	Dr, Subhash Chndra Sharma, ED, RK Sansthan, Rajasthan				
16.	Mr. K.L Gupta, CMD, Universal Foundry Pvt .Ltd. Jaipur		Industry - Academia Interaction for Engineering Students	11 March, 2014	
17.	Mr, A.K.Sharma, GM, RIICO, Jaipur				
18.	Mr. Sitaram Jangir, Manager, Sigma Electric Pvt. Ltd, Jaipur				
19.	Mr.Vishvakarma, MD, Hariom Precision Alloy Pvt. Ltd, Alwar				
20.	Mr. Tarun Sarda, Partner, Sarda Enterprises, Jaipur				

Visitors to the Department

S.No.	Name of Visitor	Purpose of visit	Date
	Bikramjit Basu, PhD Recipient of Shanti Swarup Bhatnagar Award Associate Professor, Materials Research Center, IISc Bangalore	Two Days National Symposium on Bio Materials & Bio Engineering	11th and 12th December, 2014
1.	Dr. J. Sunder Rajan, CPRI, Bangalore	Interaction with students & faculty and Technical talk on Application of Steels and Thermal Spray Coating in Hydro Power Projects	19 Sept., 2014
2.	Dr. S.V.Kamat (DMRL Hyderabad)	Technical Talk on Advanced Magnetic Materials	5 Sep., 2014
3.	Prof. Satya Prakash, IIT Roorkee	Programme Educational Objectives (PEO) & Programme Outcomes (PO) and Curriculum of UG/PG of Met. & Mat. Engg. Dept	13 June, 2014
4.	Dr. S. Kamath, Scientist, BARC	MNIT-DRDO-OFB Meet for Joint Research Program	25 April, 2014
5.	Mr. Devender Kr. Sharma (Retd. Joint Director), EMDI Jaipur	Promoting Techno- Entrepreneurship	19 March, 2014
6.	Mr. K.L Gupta, CMD, Universal Foundry Pvt .Ltd. Jaipur	Industry - Academia Interaction for Engineering Students	11 March, 2014

Seminar/Conference/Workshop/Short Term Course organized :

S.No	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Dr. Vinod Kumar Dr.M.Agarwal Dr.R.Singhal		National Symposium on Frontier Research in Materials		30 Jan., 2014	TEQIP II
2.	Prof. U. Pandel, Prof. Ashok Sharma Dr. R. K. Duchaniya		Short term course on Energy and Environment Management in Foundries		10-14 July, 2014	Self Financed
3.	Dr. R. K. Duchaniya		Applications of Nanotechnology in Current Scenario		22 26 September, 2014	Self Financed
4.	DR. Vinod Kumar Mr. Krishna Kumar		Course on Advanced Pedagogy, NITTR		19-23 May, 2014	TEQIP

DEPARTMENT OF MANAGEMENT STUDIES ENGINEERING

Keynote addresses by the Faculty in Seminar/Symposia/Workshop/Conference :

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1	Dr. Satish Kumar	Finance Conclave	Jaipur	March 21, 2015	"Recent Surge in Indian Stock Market: Is it fundamentals led growth or sentiments?"	Finance	

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. Monica Sharma	International Conferene on Technolgy and Business Management	American University in Emirates	CPDA	23-25 March 2015
2.	Dr. Dipti Sharma	97 th Annual Conference of the Indian Economic Association	Mohanlal Sukhadia University Udaipur	CPDA	27-29 Dec. 2014
3.	Dr. Dipti Sharma	35 th Annual Conference of the Rajasthan Economic Association	Central University of Rajasthan	CPDA	23-25 Jan. 2015
4.	Dr. Satish Kumar	Finance Conference on 'Emerging issues in Economics & Finance	G reat Lakes Institute of Management, Chennai	CPDA	27-Jan-2015



Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Prof. P. N. Rao	Professor, University of Northern Iowa, USA	Emerging Trends in Education	10 Feb. 2015	MNIT

Visit of Faculty Members to other Institutions:

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. Deepak Verma	Deenbandhu Chhotu Ram University of Science & Technology, Murthal (Sonapat, HRY)	Deliver three (03) invited lectures for (one each) 1. MBA (2 Yrs) 2. MBA (5 Yrs Integrated) and 3. PhD students	March 24, 2015	
2.	Dr. Satish Kumar	Jaipuria Institute of Management, Jaipur	Moderator, Finance Conclave	21-03-2015	NA
3.	Dr. Satish Kumar	Jaipuria Institute of Management, Jaipur	Lecture on Capital Budgeting	30-12-2014	NA

Seminar/Conference/Workshop/ Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Dr. Dipti Sharma & Dr. Monica Sharma	Assistant Professor	STTP on "Research Implications of Econometrics and Quantitative Techniques"	MNIT Jaipur	20-24 March 2015	The Indian Econometric Society and TEQIP Cell, MNIT
2	Awadhesh Bhardwaj (Co-coordinator: Dr. Monica Sharma)	Professor	Faculty Development Programme on Entrepreneurship Development	Jaipur		DST Govt. of India
3.	Awadhesh Bhardwaj (CO-coordinator: Dr. GS Dangayach)	Professor	Ten (10) Entrepreneurship Awareness Camps	Jaipur, Tonk		DST Govt. of India
4.	Prof. G.S Dangayach Dr. Monica Sharma Dr. Amit Kumar Singh	Professor Asst. Prof Asst Prof	National Conference on Sustainable Manufacturing	MNIT Jaipur		TEQIP Cell PCRA Delhi RIICO, Jaipur

DEPARTMENT OF PHYSICS

Keynote addresses/Invited talks by the Faculty in Seminar/ Symposia/ Workshop/ Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)	Title of Keynote address	Theme	Funding Agency
1.	Dr. K.Sachdev	STTP on Applications of Nano Technology in Current Scenario	Materials Research Centre, MNITJ	23/09/14	Development of electro-optic materials for various materials		Self sustained programme
2.	Dr. K.Sachdev	Refresher Course	Academic Staff college, Univ. of Raj., Jaipur	19/12/14	Materials: defects and characterization		----
3.	Dr. K.Sachdev	National Conference on Materials and their Energy Applications	Subodh College, Jaipur	24/12/14	Materials Research Centre- A Centre of Excellence for Research in Materials at MNITJ		----
4.	Dr. Srinivasa Rao Nelamarri	Refresher course on "Advances in Materials at the interface of Physics and Chemistry	Univ. of Raj., Jaipur	23/12/14 and 24/12/14	Basics of nanomaterials, synthesis and characterization of nanostructures		
5.	Dr. Srinivasa Rao Nelamarri	Short Term Course on Emerging Technologies: Electronic Devices and Materials	MNIT Jaipur	2/10/2014	Growth and applications of nanomaterials		
6.	Dr.Kamlendra Awasthi	Applications of Nanotechnology in Current Scenario	MNIT Jaipur	22-09-2014 to 26-09-2014.	Block Copolymer based nanoporous membranes	Membrane technology	-

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. K.Sachdev	Conference on Swift Heavy Ions in Materials Engineering and Characterizations (SHIMEC-2014)	IUAC, New Delhi	---	14-17 October,2014
2.	Dr. K Venkataratnam Kamma	Faculty development programme in Entrepreneurship for faculty members of Malaviya National Institute of Technology Jaipur	EDI, Ahmedabad.	TEQIP	Apr 14-18, 2014
3.	Dr. K Venkataratnam Kamma	AICTE Recognized short term course (under TEQIP) on Advanced Pedagogy	NITTR Chandigarh	TEQIP	May 19-23,2014
4.	Dr. K Venkataratnam Kamma	Two-day workshop on professional communication	M.N.I.T Jaipur		July 10 to 11, 2014
5.	Dr. K Venkataratnam Kamma	Participated in short term course on Analysis and applications	Department of Mathematics, MNIT Jaipur.		November 10-14, 2014.
6.	Dr. K Venkataratnam Kamma	Session -chair for the National conference on Mathematical Analysis and Computation(NCMAC-2015)	Department of Mathematics, MNIT Jaipur.		Feb 20 ,2015.
7.	Dr. Srinivasa Rao Nelamarri	Two-day workshop on professional communication.	M.N.I.T Jaipur		July 10 to 11, 2014
8.	Dr. Rahul Singhal	Faculty development programme at Entrepreneurship	EDI, Ahmedabad	MNIT Jaipur	April 14-18, 2014
9.	Dr. Rahul Singhal	Faculty development programme on advanced pedagogy	NITTR Chandigarh	MNIT Jaipur	May 19-23, 2014
10.	Dr. Rahul Singhal	Conference on Swift Heavy Ions in Materials Engineering and Characterizations (SHIMEC-2014)	IUAC New Delhi	CPDA	October 14-17,2014
11.	Dr. Rahul Singhal	Networking-cum-discussion meet of INSPIRE Awardees	IISER Mohali	INSPIRE Project	March 15-16, 2015
12.	Dr. Rahul Singhal	National Conference on Materials and their Energy Applications (NCME-2014)	S. S. Jain Subodh PG College Jaipur	CPDA	December 22-24, 2014

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. Pratap Kumar Sahoo	Reader in Physics, National Institute of Science Education and Research (NISER) Bhubaneswar.	Self sub-wavelength periodic nano-patterned for Anti-reflection and spectroscopic application	23.12.2014	MNIT Jaipur

2.	Dr. Burkhard Fechner, Germany	Coherent GmbH, Hans-Böckler-Str. 12, 37079 Göttingen, Germany	Technological Progress in Pulsed Laser Deposition	18th July 2014	-----
3.	Dr. Pranab Choudhary	Principal Scientist, CGCRI-CSIR Kolkata	What is Geometry' and Constructibility of Numbers	20 November 2015	MNIT Jaipur
4.	Dr. Anshuman Dalvi	Assoc. Prof. (BITS-Pilani)	Super-Ionic Conductors	27-11-2014	MNIT
5.	Dr. Poulomi Sadhukhan	Post-Doc @ Gottingen Univ. Germany	Elasto plastic response of reversibly crosslinked biopolymer bundles	18-12-2014	-do-
6.	Prof. Keizo Murata	Osaka City University, Osaka, Japan	Development of High Pressure Medium Achieving High Quality Hydrostatic Pressure in Application to Material Sciences	27 January 2015	DST, New Delhi
7.	Dr. Ashna Bajpai	IISER, Pune	Magnetically Functionalized Carbon Nanotubes	10 March 2015	MNIT, Jaipur

Guest Lectures Organized in the Department

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. K.Sachdev	CEERI Pilani	Academic interaction	Sept.12, 2014	Self
2.	Dr. K.Sachdev	BITS Pilani	Lecture regarding facilities at MRC and their applications	Sept.13, 2014	Self
3.	Dr. Rahul Singhal	IUAC New Delhi	High Energy Irradiation Experiment at IUAC	Feb 2-4, 2015	DST INSPIRE Project
4.	Dr. Rahul Singhal	IUAC New Delhi	Low Energy Irradiation Experiment at IUAC	Feb 9-11, 2015	DST INSPIRE Project
5.	Dr. Rahul Singhal	IISER Mohali	Networking-cum-discussion meet of INSPIRE Awardess	March 15-16, 2015	DST INSPIRE Project
6.	Dr. Rahul Singhal	IIT Roorkee	Research discussion with Prof. G. D. Verma, Physics Deptt. IIT Roorkee	Oct 11-13, 2014	DST INSPIRE Project
7.	Dr. Rahul Singhal	NIT kurushetra	Research discussion with Dr. Anurag Gaur, Deptt. of Physics, NIT Kurushetra	Nov 22- 24, 2014	DST ISNPIRE Project
8.	Dr. Rahul Singhal	IUAC New Delhi	Ag ion implantation experiment at IUAC	Sept 8-11, 2014	DST ISNPIRE Project
9.	Dr. Kamlendra Awasthi	Inter University Acceleartor Centre, New Delhi	For presenting project proposal	July 6-7,2014	IUAC New Delhi
10.	Dr. Kamlendra Awasthi	Indian Institute of Technology Kanpur	For using characterization facilities	Jan 9-Jan 15 March 30-31,15	DST new Delhi

11.	Dr. Kamalendra Awasthi	IISER Mohali	For INSPIRE meeting	March 16, 2015	DST New Delhi
12.	Dr. Manoj Kumar	IUAC, New Delhi	Research experiment	06-07 July 2014	IUAC, New Delhi
13.	Dr. Manoj Kumar	DAE UGC CSR, Indore	Research proposal and discussion	21 August 2014	DAE CSR, Indore
14.	Dr. Manoj Kumar	IIT, Kanpur	Research experiment/discussion	30/03 to 1/04 2015	IIT Kanpur

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Dr. D. Kabiraj	Scientist	IUAC New Delhi	Lab visit	Dec. 2014	Self
2.	Prof. Keizo Murata	Professor	Osaka City University, Osaka, Japan	Research Collaboration visit	25-27 January 2015	DST, New Delhi
3.	Dr. Ashna Bajpai	Ramanujan Fellow	IISER, Pune	Research Collaboration Visit	09-10 March 2015	MNIT, Jaipur

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1.	Dr. K.Sachdev	Associate Professor	Seminar on Atomic Energy for Robust National Development and Exhibition on BARC Technologies	MNITJ	Sept. 5-6, 2014	MNITJ
2.	Dr. K.Sachdev	Associate Professor	One Day International Workshop on Frontier Materials	Materials Research Centre	Oct. 12, 2014	MNITJ
3.	Dr. K.Sachdev Dr. K Venkataratnam Kamma Dr. Srinivasa Rao Nelamarri	Asso. Prof. Assi. Prof. Assi. Prof.	One Day Workshop on Nuclear Science and Technologies	Deptt. Of Physics, MNITJ	Feb. 24, 2015	MNITJ
4.	Dr. Rahul Singhal Prof. S. Biswas Prof. U. Pandel	Assistant Prof and Professor	National Workshop of Advanced Functional Materials (AFM- 2014)	MNIT Jaipur	5 th September 2014	TEQIP
5.	Dr. Manoj Kumar Dr. K Awasthi Dr. Sujin B Babu	INSPIRE Faculty Assistant Prof	International Conference on Soft Materials	Jaipur	06-10 October 2014	MNIT, DST, BRNS, CSIR

DEPARTMENT OF MATHEMATICS

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. Ritu Agarwal	workshop on Professional Communication	MNIT, Jaipur		July 10-11, 2014

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Dr. Mridua Garg	Professor, University of Rajasthan, Jaipur	Fractional Calculus	Sep 22, 2014	MNIT, Jaipur
2.	Dr. Mridula Garg	Retired Professor, UOR	Fractional Calculus	Sep 27, 2014	MNIT, Jaipur

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. J. K. Verma	Professor	IIT Bombay	Lecture in conference and syllabus Workshop	21-22 Feb 2015	MNIT, Jaipur
2.	Prof. J. N. Sharma	Professor	NIT Hamirpur	Lecture in Conference and syllabus Workshop	21-22 Feb 2015	MNIT, Jaipur
3.	Dr. J. L. Bansal	Retired Prof.	University of Rajasthan	Keynote address	19 Feb 2015	MNIT, Jaipur
5.	Dr. Kailash Lachhwani	Assistant Prof.	NITTTR Chandigarh	Invited Lecture	19 Feb 2015	NITTTR
6.	Dr. I. K. Rana	Professor	IIT Mumbai	Invited Lectures	12-14 Nov 2014	NITTTR Chandigarh
7.	Dr. Manjul Gupta	Professor	IIT Kanpur	Invited Lectures	12-13 Nov 2014	NITTTR Chandigarh
8.	Dr. R. K. Sharma	Professor	IIT Delhi	Invited Lectures	10-11 Nov 2014	MNIT, Jaipur
9.	Dr. A. P. Mehra	Professor	IIT Delhi	Invited Lectures	10-11 Nov 2014	MNIT, Jaipur
10.	Dr. Amit Chakraborty	Assistant Professor	Central university of Rajasthan	Invited Lectures	Jan. 20, 2015	MNIT Jaipur
11.	Prof. Sunita Gakkhar	Professor	IIT Roorkee	Invited Lectures	Jan. 22, 2015	MNIT Jaipur
12.	Prof. R. C. Mittal	Professor	IIT Roorkee	Invited Lectures	Jan. 23, 2015	MNIT Jaipur

Guest Lectures Organized in the Department:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Dr. Rashmi Jain (Convener) Dr. Ritu Agarwal (OS)	Prof. Asstt.Prof.	National Conference on Mathematical Analysis and Computation (NCMAC)-2015,	MNIT Jaipur	February 20-21, 2015	MNIT, NITTR
2.	Dr. Rashmi Jain (Course Coordinator) Dr. Ritu Agarwal (Course Coordinator)	Prof. Asstt.Prof.	One week STC on Analysis and Applications,	MNIT Jaipur	November 10-14, 2014	MNIT, NITTR
3.	Dr. Nilama Gupta (Course Coordinator) Dr Santosh Chaudhary (Course Coordinator)	Associate Professor Assistant Professor	Mathematical Modeling, MATLAB Programming and their Applications in Engineering and Sciences	MNIT Jaipur	January 19-23, 2015	MNIT Jaipur
4.	Dr Vatsala Mathur(Convener)	Associate Professor & Head	Workshop for Reviewing syllabus of M.Sc.III & IV Semester	MNIT Jaipur	February 21-22, 2015	MNIT Jaipur
5.	Dr. Ritu Agarwal (Coordinator)	Asstt. Prof.	Short Term Course on Mathematical Programming and Operations Research	MNIT Jaipur	March 9-13, 2015	NITTR, Chandigarh



DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCE

Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Funding Agency	Date(s)
1.	Dr. Dipti Sharma	97th Annual Conference of the Indian Economic Association	Mohanlal Sukhadia University Udaipur	CPDA	27-29 Dec. 2014
2.	Dr. Dipti Sharma	35th Annual Conference of the Rajasthan Economic Association	Central University of Rajasthan	CPDA	23-25 Jan. 2015
3.	Dr. Preeti Bhatt	National Conference on Interrogating Terrorism: Role of Media and Literature	S.S. Jain Subodh P.G. Autonomous College, Jaipur	CPDA	1-2 Aug. 2014
4.	Dr. Preeti Bhatt	National Conference on Holistic Growth: Symbiosis of Theory and Practice	St. Xaviers College, Jaipur	CPDA	12-13 Feb, 2015.
5.	Dr. Vibhuti Singh Shekhawat	Paper accepted in an ICSSR Sponsored International Seminar on Whither Indian Democracy and State: Towards General Election 2014 on April 15-17, 2014 organized by Department of Political Science, Delhi College of Arts and Commerce (University of Delhi), New Delhi, India titled Look East Policy and General Elections 2014: A Critical Review.	Department of Political Science, Delhi College of Arts and Commerce (University of Delhi), New Delhi,		15-17 April, 2014
6.	Dr. Vibhuti Singh Shekhawat	Attended a National Seminar on India in the Global Order: Identity, Issues and Challenges, during 24-25 January, 2015, Department of Political Science, University of Rajasthan, participated, and presented a paper, entitled Indias Look East Policy: The Transmuting Metamorphosis.	Department of Political Science, University of Rajasthan		
7.	Dr. Vibhuti Singh Shekhawat	Paper accepted in an International Conference on Modern Strategies for Management of Business, Economy, Services vis a-vis-Social Sciences- A Sustainable Approach organized by Krishi Sanskriti on 5-6 April, 2015 at Jawaharlal Nehru University, New Delhi titled Managing Business, Economy and Services with Terrorism, Extremism and Violence.	Krishi Sanskriti on 5-6 April, 2015 at Jawaharlal Nehru University, New Delhi	N.A	

Guest Lectures Organized in the Department:

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1.	Jaspreet Kalra, Tanessa Puri, Simar Malhotra, Udyan Sharma	Young creative writers from India and Panelists at the Jaipur Literature Festival, Jan. 2015.	Creative Writing: Give Wings To Your Imagination	24 Jan. 2015	Creative Arts and Cultural Society, MNIT
2.	Prof. Jia Haitao	Professor Jinan University Guangzhou, China	1. Sino India Relations: The Present Scenario 2. Buddhism and the Sino-Indian Cultural Linkage	10 th November 2014 (Monday) 11 th November 2014 (Tuesday)	MNIT

Visit of Faculty Members to other Institutions:

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1.	Dr. Nupur Tandon	MGD Girls' School Jaipur	Attending meeting of Board of Governors as Member	20th April, 2014	
2.	Dr. Nupur Tandon	JECRC University, Jaipur	External Expert, Board of Studies	22nd July, 2014	JECRC
3.	Dr. Nupur Tandon	IIS University, Jaipur	Moderation of Question Papers	24th September, 2014	IIS
4.	Dr. Nupur Tandon	IIS University, Jaipur	Moderation of Question Papers	17th October, 2014	IIS
5.	Dr. Nupur Tandon	JK Lakshmi Pat University	Third Meeting of Board of Studies	6th January, 2015	JKLU
6.	Dr. Nupur Tandon	IIS University	Moderation of Question Papers	30th March, 2015	IIS

Visitors to the Department:

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1.	Prof. Jia Haitao	Professor	Jinan University Guangzhou, China	Expert Lecture	10-11 November, 2014	MNIT



Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Dr Preeti Bhatt & Mrs Nanny Tripathi	Assistant Professor & Associate Professor	Two Day Workshop on Professional Communication	MNIT Jaipur	10-11 July, 2014	TEQIP Cell, MNIT
2	Dr. Dipti Sharma & Dr. Monica Sharma	Assistant Professor	STTP on "Research Implications of Econometrics and Quantitative Techniques"	MNIT Jaipur	20-24 March 2015	The Indian Econometric Society and TEQIP Cell, MNIT

DEPARTMENT OF CENTRE FOR ENERGY AND ENVIRONMENT ENGINEERING

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date	Funding Agency
1	Mr. Surendra Mathur	Consultant	Pumps	March 16, 2015	MNITJ
2	Mr. Rahul Areon	DRI	Selection of Heat Recovery Wheel and Energy	February 6, 2015	MNITJ
3	Dr. Essam Khalil,	Professor, Mechanical Engineering, Cairo University, Egypt	Energy Performance of Buildings	January 15, 2015	MNITJ
4	Dr. Anurag Ateet Gupta	Ex-Executive Director, IOCL	Reduction techniques for Green House Gases emission	January 13, 2015	MNITJ
5	Prof. Charlie Curcija	LBNL, US	BIPV	November 18, 2014	MNITJ
6	Prof. Mahveer Bhandari	ORNL, US	Radiant Cooling System	November 19, 2014	MNITJ
7	Prof. N.M. Nahar,	Central Arid Zone Research Institute, Jodhpur	Solar Thermal Energy Application	September 09, 2014	MNITJ
8	Mr. Shashank Sharma	Daikin India	VRV technology in air conditioning	June 14, 2014	MNITJ
9	Mr. Gagan Mehra	Managing Director, OSRAM	Advances in lighting technology and future of lighting	April 20, 2014	MNITJ
10	Mr. Sanjay Sood	IFS, Conservator of Forests, Shimla	Climate change ; Future Policies and Regulatory Scenarios	April 20, 2014	MNITJ

Visit of Faculty Members to other Institutions:

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit	Funding Agency
1	Prof. Jyotirmay Mathur	IISc Bangalore	Presentation and Participation at Energy Efficiency and Solar Integration in Buildings Symposium on Research Directions in Solar Energy 2014	01 st -02 nd April 14	IUSSTF
2	Prof. Jyotirmay Mathur	IGBC Hyderabad	Training program on Energy Simulation	1 st -2 nd Sept. 2014	IGBC
3	Prof. Jyotirmay Mathur	CEPT University, Ahmedabad	CBERD Project Review Meeting	29 th Sept. 2014	IUSSTF
4	Prof. Jyotirmay Mathur	DST, New Delhi	CBERD Project Review Meeting	17 th Nov.2014	IUSSTF
5	Prof. Jyotirmay Mathur	CEPT University, Ahmedabad	CBERD Project Review Meeting	21 st Nov. 2014	IUSSTF
6	Prof. Jyotirmay Mathur & Dr. Sanjay Mathur	Engineering and Science(E&S) Building, Nagoya University, Japan	International conference (IBPSAASIM-2014)	28 th - 29 th Nov.2014	MNIT
7	Prof. Jyotirmay Mathur	The British University, Dubai Campus & KIT Karsruhe, Germany	Deliver Invited lecture	27 th -31 st Jan. 2015	KIT Karsruhe Germany
8	Dr. Sanjay Mathur	NSIT, New Delhi	Advise on Sewage Treatment	March 2015	MNIT

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)	Funding Agency
1	Mr. Surendra Mathur	Consultant		Invited Talk	March 16, 2015	MNITJ
2	Dr. Essam Khalil,	Professor	Cairo University, Egypt	Invited Talk	January 15, 2015	MNITJ
3	Prof. Charlie Curcija	Professor	LBNL, US	CBERD Meeting & Invited Talk	November 18, 2014	IUSSTF
4	Prof. MahveerBhandari	Professor	ORNL, US	CBERD Meeting & Invited Talk	November 19, 2014	IUSSTF
5	Prof. N.M. Nahar,	Professor	Central Arid Zone Research Institute, Jodhpur	Invited Talk	September 09, 2014	MNITJ
6	Mr. Shashank Sharma		Daikin India	Invited Talk	June 14, 2014	MNITJ

7	Mr. Gagan Mehra	Managing Director	OSRAM	Invited Talk	April 20, 2014	MNITJ
8	Mr. Sanjay Sood	IFS	Conservator of Forests, Shimla	Invited Talk	April 20, 2014	MNITJ
9	Mr. Rahul Aeron	National Sales Manager	DRI, Gurgaon	Invited Talk	February 6, 2015	MNITJ
10	Dr. Sanjay Bajpai	Associate Head, Scientist F	DST, New Delhi	CBERD Project discussion	December 4-7, 2014	MNITJ

Seminar/Conference/Workshop/Short Term Course organized:

S. No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)	Funding Agency
1	Dr. Sandeep Srivastav	Assistant Professor	Training Program on LCA Simulation software SimaPro	MNITJ	March 15, 2015	MNITJ
2	Dr. Sanjay Mathur	Associate Professor	Training program Environment Clearance on Infrastructure Project	MNITJ	February 13-14, 2015	IL&FS Academy, Mumbai
3	Prof. Jyotirmay Mathur	Head	A training of trainers for ECBC	Hotel FERN Jaipur	September 12-13, 2014	BEE & UNDP-GEF
4	Prof. Jyotirmay Mathur	Head	Training program on Energy Simulation	IGBC Hyderabad	September 1-2, 2014	IGBC



11.6 LIST OF CANDIDATES PURSUING/AWARDED Ph.D. OR M. TECH.

DEPARTMENT OF ARCHITECTURE AND PLANNING

List of Candidates Pursuing / Awarded Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Fuzail Jawaid	Dr. Satish Pipralia Dr. Ashwani Kumar	Building regulations and resultant urban form	Pursuing

List of Candidates Awarded M. Plan. Degree

S.No.	Name of Student	Supervisor	Title of Thesis	Status
1.	Aanya Singh Hada	AR. Niruti Gupta	Challenges and strategies for improving walkability in a historic urban core- a case of Udaipur old city	Awarded
2.	Anil Malik	Ar. Kalpana Pandit	Fire hazard vulnerability analysis of urbanized villages of Delhi: a case of Katwaria Sarai village in South Delhi	Awarded
3.	Ankita Mishra	Ar. Tarush Chandra	Role of Planning approaches in defining transformation in residential area: a case of selected areas of Jaipur city	Awarded
4.	Ashish Sangwan	Prof. Alok Ranjan	Urban water management: a case study of Faridabad city	Awarded
5.	K. Uday Lakshmi	Prof. Rajeev Shringi	Impacts of coaching institutes on transformation of residential areas: a case of Kota city	Awarded
6.	K.Suvashika	Ar. Ram Niwas Sharma	Urban street vending: a case of selected areas of Jaipur city	Awarded
7.	Prashanta Kumar	Dr. Satish Pipralia	An Assessment of bus rapid transit system of phase -I: a case study of Jaipur city	Awarded
8.	Sunil Kumar	Dr. Ashwani Kumar	Strategies for solid waste management in Jammu city	Awarded
9.	Umesh Kumar	Ar. Pooja Nigam	Benchmarking of public bus transport services: a case study of Chandigarh city	Awarded

DEPARTMENT OF ENGINEERING

List of Candidates Awarded / Pursuing Ph.D. Degree

S. No.	Name of Student	Supervisor	Topic	Status
1.	Gaurav Sancheti	Dr. Ravindra Nagar Dr. Vinay Agrawal	Conceptual Design of Post Tensioned Slabs using Artificial Neural Networks	Awarded
2.	Vinay Chandwani	Dr. Ravindra Nagar Dr. Vinay Agrawal	Predicting Cost for RCC Underground Rectangular Water Tanks at Conceptual Design Stage using Hybrid Artificial Neural Networks	Pursuing
3.	Sarabjeet Singh	Dr. Ravindra Nagar Dr. Vinay Agrawal	Use of Granite powder waste	Pursuing
4.	SudarshanKore	Dr. A K Vyas	Use of marble waste in concrete mixes	Pursuing
5.	Kulshekhar Sharma	Dr. A K Vyas	A study on properties of concrete with ISF slag at elevated temperatures	Pursuing
6.	Jashree Kala	Dr. Sudhir Kumar	Urban water management:A case study	Pursuing
7.	Sushindra Kr. Gupta	Dr. A. S. Jethoo	Water Resource Engineering	Pursuing
8.	Gargi Sharma	Dr.U. Brighu	Wastewater Treatment	Pursuing
9.	Priya	Dr.U. Brighu	Wastewater Treatment	Pursuing
10.	Rajesh Poonia	Dr.U. Brighu	Rural water Supply	Pursuing
11.	Mr. Lalit Joshi	Dr. A B Gupta Dr. J. Mathur	Particulate pollution in rural indoor environs	Pursuing
12.	D.R. Jangid	Dr A B Gupta Dr. R.K. Vyas	Optimization of sewage treatment in the presence of dyes	Pursuing
13.	Saakshi	Dr A B Gupta Dr. Kailash Singh	Treatability studies for paper and pulp industry effluent	Pursuing
14.	Kavita	Dr. K.D. Gupta Dr. A B Gupta	Disinfection of sewage	Pursuing
15.	Abhishek Gupta	Dr. A B Gupta Dr J. Mathur	Indoor air quality modeling	Pursuing
16.	RajshreeCharan	Dr. S.D. Bharti	Prediction of Earthquake Behavior of Buildings Using Neural Networks	Pursuing
17.	Arnav AnujKasar	Dr. S.D. Bharti	Seismic Behavior of Steel Moment Resistance Frame	Pursuing
18.	Deepak Khandelwal	Dr. S.D. Bharti	Seismic Analysis of lifeline Structures	Pursuing
19.	Blessen.S.Thomas	Dr. R. C. Gupta	An Investigation on the Behavior of Concrete with Discarded Rubber Tyres as Aggregates	Pursuing
20.	A.D. Vyas	Prof. Rohit Goyal	Doing Coursework	Pursuing
21.	Kuldeep	Prof. Rohit Goyal	Doing Coursework, Impact of Climate Change on Snow Cover	Pursuing
22.	Mr. Rajneesh Jain	Dr. Sumit Khandelwal	Remote Sensing & GIS Applications	Pursuing

23.	Trilok Gupta	Dr.Sandeep Chaudhary	Utilisation of Waste Rubber Tire in Concrete	Pursuing
24.	Pankaj Kumar	Dr.Sandeep Chaudhary	Experimental and Analytical Studies on the shear connections in composite beams	Pursuing
25.	Sanjay Gupta	Dr.Sandeep Chaudhary	Fine aggregates for high strength concrete	Pursuing
26.	Salma Banu	Dr.Sandeep Chaudhary	Utilisation of Stone Dust in Concrete	Pursuing
27.	Santosh Pingle	Dr. M. K. Jat and Prof. Deepak Khare	Integrated Urban Water Management Modelling Considering Climate Change	Awarded
28.	Rohitashw Kumar	Dr. M. K. Jat and Dr. Vijay Shankar	Modelling of Moisture Uptake by Plants in a Multi-Layer Soil	Pursuing
29.	Gargi Sharma	UrmilaBrighu and Dr. M. K. Jat	Wastewater Treatment Through Constructed Wetlands With Special Concern of Microbial Contaminant Removal	Pursuing
30.	SushilaDahiya	Dr. M. K. Jat and Prof. P. K. Garg	Development of an Approach for Building Extraction From Satellite Image	Pursuing
31.	M. N. Pande	Dr. M. K. Jat and Dr. M. Choudhary	Rainfall-runoff Modelling in Urbanised Catchments	Pursuing
32.	Yuddhveer Singh	Dr. M. K. Jat and Dr. AtharHussain	Stormwater Management Modelling	Pursuing
33.	Surendra Singh	Dr. M. K. Jat	Climate Change and its Adaptation Measures	Pursuing
34.	Vinit Gupta	Dr. M. K. Jat and Dr. Vijay Shankar	Integrated Water Management Modelling	Pursuing
35.	Suchi Mala	Dr. Mahesh K. Jat		Pursuing
36.	Manoj Panwar	Dr. Ravindra Nagar Dr Amar Patnayak	Wear And Fracture Characterize Of Stone Dust Filled Polymer Composite For Wind Turbine Blade	Pursuing
37.	BhargavTrajwal	Dr. Ravindra Nagar Dr. HarLal Mali	Study Of Morphology And Physical, Mechanical & Thermal Properties Of Various Stones With A View To Optimise Their Cutting &Machining Parameters	Pursuing
38.	Dinesh Kumar Sharma	Dr. B.L.Swami	A Comprehensive Study On Characterization And Application Of Copper Slag In Hot Mix Asphalt	Pursuing
39.	Neha Sharma	Dr. B.L.Swami	Application of ITS for improving Road Safety in India	Pursuing
40.	Raj R.D. Kirori	Dr. B.L.Swami	Application of ITS for improving Road Safety in India	Pursuing
41.	Salman Siddique	Dr. Sandeep Shrivastava	Sustainable construction materials	Pursuing
42.	Sayed Ahmed Kabeer K I	Dr. A K Vyas	Industrial Waste in concrete	Pursuing
43.	Nishant Roy	Dr. Rajeebsarkar		Pursuing
44.	AdityaRana	Dr. PawanKalla	Use of kota stone waste	Pursuing
45.	PriyamitraMunoth	Dr. RohitGoyal		Pursuing
46.	Sanjeev Kumar K S	Dr. R C Gupta	Use of Dholpur Stone waste	Pursuing
47.	Aneesh Mathew			

48.	PankajMunjaj	Dr. Sandeep Choudhary		Pursuing
49.	Amit Kumar Singh			
50.	Pradeep kumarGautam	Dr. Ajay Singh Jethoo		Pursuing
51.	AdhraSaxena			
52.	Sanjay Mundra	Dr. Vinay Aggarwal		Pursuing
53.	AakanshaRampuria			
54.	A.D. Vyas	Prof. RohitGoyal	Status of Water losses & Non-Revenue Water in different Indian cities & Control strategies for identified urban cities	Pursuing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of Student	Supervisor	Title of Thesis	Status
1.	SharadPratap Singh	Dr. Vinay Agrawal	Analysis of Skew Composite Bridges for Load Distribution Factors	Awarded
2.	PushendraBiwal	Dr.Vinay Agrawal	Effect of Polymer Fibre in Concrete	Awarded
3.	ArpitPorwal	Dr.Vinay Agrawal	Optimum Design of Welded Steel plate Girder using Genetic Algorithm	Awarded
4.	Ankit Srivastava	Dr. Sudhir Kumar Mahesh Kumar	Correlation of Temperature rise in Malaria cases augmenataion	Awarded
5.	Vishal Singh	Dr. Sudhir Kumar M.K Jat	Impact of temperature on Dungue	Awarded
6.	O. A Shereena	Dr.P V Ramana Dr.M K Shrimali	Structural Response Variability Using Stochastic Finite Element Method	Awarded
7.	Abhinav Ahuja	Dr.U. Brighu	Biodegradation of distillery sludge by rotary drum composting	
8.	Swati Singh	Dr.U. Brighu	Biodegradation of distillery sludge by pile composting	
9.	Aditya Sharma	J. K. Jain	Feasibility study of Rajsamand-Bhilwara Route Using Net Present Value Method	Awarded
10.	Shashank Singh	J. K. Jain	Optimisation of Traffic signal Timings at an Isolated intersection using Genetic Algorithm	Awarded
11.	ShrawanMahawar	J. K. Jain	Study of PMGSY Roads in Bikaner	Awarded
12.	Mr. Ankit Sharma	Prof. RohitGoyal	Sediment Flux Modeling using Artificial Neural Network: Case Study of Beas River	Pursuing
13.	Pankaj Kumar	Dr .Sandeep Chaudhary	Experimental Investigations for Shear Bond Strength of Steel and Concrete Bonded by Epoxy	Awarded
14.	Rupesh Ramesh Gawas	Dr. Sandeep Chaudhary	Optimisation of Simply Supported Beams Using Genetic Algorithm Technique	Awarded

15.	VipinUpadhyay	Dr. M. K. Jat	Risk Assessment of Petroleum Fire Using Geo-spatial Techniques	Awarded
16.	Parul Pradhan	Dr. M. K. Jat	Drought Assessment for Jodhpur District of Rajasthan State	Awarded
17.	Shailendrashing	Dr. B.L.Swami	Road Accident Analysis Using GIS	Awarded
18.	Sanddeep Sharma	Dr. B.L.Swami	Design of Pavement Structure- A case Study	Awarded
19.	Ajay Kumar Mandrawalia	Dr. Arun Gaur	Laboratory study on SBS Modified Bitumen with Titan Polymer	Awarded
20.	ShivnathMehra	Dr. Arun Gaur	Laboratory Evaluation of CRMB Modified Bitumen Mixes with Titan Polymer	Awarded
21.	VivekTanwar	Dr.P V Ramana	Mathematical Models	Pursuing
22.	Ankit Vyas	Dr. A. S. Jethoo	Water Resource Engineering	Pursuing
23.	Abhimanyu Singh	Dr. A. S. Jethoo	Disaster Management	Pursuing
24.	AbhigyanAnand	Dr. A. S. Jethoo	Disaster Management	Pursuing
25.	T S Pooja	Dr P V Ramana	LATTICE MODELLING OF FRACTURE PROCESS IN FIBRE REINFORCED CONCRETE 3D STRUCTURES	Pursuing
26.	A Surendra	Dr P V Ramana	Prescriptions by Health Mornitoring STRUCTURES	Pursuing
27.	Vivek Singh	Dr P V Ramana	AN EMERGING SOLUTION FOR PARTIAL DIFFERENTIAL PROBLEMS	Pursuing
28.	V Abhisekh	Dr P V Ramana	THE CHARACTERIZATION STRUCTURES USING AN ALTERNATIVE MATERIAL	Pursuing
29.	Manish Meena	Dr P V Ramana	Distatser Mitigation for important structures	Pursuing



DEPARTMENT OF CHEMICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Sushant Upadhyay	Prof. S.P. Chaurasia Dr. Kailash Singh	Mathematical modeling and experimental study of vacuum membrane distillation for desalination	Awarded
2.	Jitendra Kr. Singh	Prof. S.P. Chaurasia	Studies on vacuum membrane distillation for desalination	Pursuing
3.	Ashok Singh	Prof. S.P. Chaurasia Prof. Ajay K. Dalai	Biodiesel production using natural materials as catalyst	Pursuing
4.	Avadh Oza	Prof. S.P. Chaurasia Prof. Ajay K. Dalai	Studies on Bioethanol production	Pursuing
5.	Priya Pal	Prof. S. P. Chaurasia	Glycerol Purification	Pursuing
6.	Sunil Rajoria	V.K.Saharan	Development of advanced oxidation techniques based on hydrodynamic cavitation for the degradation of biorefractory pollutants	Pursuing
7.	Jitendra Carpenter	V.K. Saharan	Intensification of physical and chemical processes by cavitation	Pursuing
8.	Mr. Rajeev Kumar Dohare	Dr. Kailash Singh Dr. Rajesh Kumar	Artificial neural network predictive control of a dividing wall column	Awarded
9.	Ms. Neha Sharma	Dr. Kailash Singh	Machine learning based control of TAME and isopropyl acetate reactive distillation column	Awarded
10.	Ms. Saakshy	Dr. Kailash Singh and Prof. A.B. Gupta	Waste water treatment in handmade paper industry	Pursuing
11.	Mr. Avdesh Singh Pundir	Dr. Kailash Singh	Adaptive Control of non-isothermal Packed Bed reactor	Pursuing
12.	Mr. GauravKataria	Dr. Kailash Singh	Development of Soft Sensor	Pursuing
13.	Ms. Ishaarya	Dr. S. K. Jana	Analyses of gas-liquid and gas-liquid-solid foam-bed reactors	Pursuing
14.	Mr. Avanish Kumar	Dr. S. K. Jana	Absorption accompanied by chemical reaction of SO ₂ in selected gas-liquid and gas-liquid-solid systems	Pursuing
15.	Ms. Parul Bhatt (2008 RCH 901)	Dr. R. K. Vyas Co-Supervisor: Dr. PrabhatPandit	Studies on Removal of Reactive Blue 19 and Direct Red 81 Dyes from Wastewater using Adsorption and Electrocoagulation	Awarded
16.	Ms. Monika Maheshwari (2007 RCH 101)	Dr. R. K. Vyas	Studies on Removal of Ciprofloxacin Hydrochloride from Aqueous Solutions using Adsorption and Advanced Oxidation Processes	Awarded
17.	Mr. D. R. Jangid (2007 RCE 108)	Dr. A. B. Gupta Co-Supervisor: Dr. R. K. Vyas	Performance Analysis of Activated Sludge Process and Enhancement of Energy Yield using Excess Sludge as a Flocculent in the Primary Settling Tank A Case Study of STP Delawas	Pursuing
18.	Ms. Manisha Sharma (2010 RCH 101)	Dr. R. K. Vyas Co-Supervisor: Dr. Kailash Singh	Mathematical Modeling and Computer Simulation of a Packed Bed Reactive Adsorption Column	Pursuing

19.	Mr. Ajay Sujan (2013RCH9528)	Dr. R. K. Vyas	Studies on Hydrodynamic and Mass Transfer Parameters in a Bubble Column	Pursuing
20.	Ms. Komal Sharma (2014RCH9051)	Dr. R. K. Vyas	Removal of Dyes/salts from water	Pursuing
21.	Sunny soni	Madhu Agarwal	Simultaneous production of biodiesel and biolubricants	Pursuing
22.	AbhayDinkar	Madhu Agarwal G.D. Agarwal	Storage of green and sustainable energy	Pursuing
23.	Jharna Gupta	Madhu Agarwal A.K. dalai	Production of biodiesel in continuous/helical reactor using nanocatalyst	Pursuing
24.	Renu	Madhu Agarwal K. Singh	Modeling and experimental study of heavy metal removal from textile effluents	Pursuing
25.	RakeshBaghel	Dr. Sushant Upadhyaya Prof. S. P. Chaurasia	Studies on Vacuum Membrane Distillation	Pursuing
26.	MsPoonamMondal	Dr. Suja George	Studies on Magnesium amended Hydroxyapatite for defluoridation on water	Pursuing
27.	MrDhiraj Mehta	Dr. Suja George	Studies on Utilisation of Marble Slurry Powder into a value added product- Hydroxyapatite for defluoridation	Pursuing
28.	MrShivendu	Dr. Suja George	Studies on Textile effluent Treatment	Pursuing
29.	MrPrakash Kumar	Dr. Suja George	Studies on Calcium Magnesium amended Activated Alumina for defluoridation of drinking water	Pursuing

List of Candidates Awarded M. Tech. Degree

S.No.	Name of Student	Supervisor	Title of Thesis	Status
1.	Avinash Meena	Shiv Om Meena	Controller Performance Evaluation for Concentration and Temperature Control for Plug Flow Reactor	Awarded
2.	Alka Dubey	Dr. S.P.Chaurasia	Ethanol Water Separation using Vacuum Membrane Distillation	Awarded
3.	Jyoti Jain	Dr. S.P.Chaurasia	Study on nitrate removal from water using membrane technology	Awarded
4.	Vaibhav Agarwal	Dr. Kailash Singh	Modeling and simulation of solid oxide fuel cell fuelled with biogas	Awarded
5.	Gaurav Kataria	Dr. Kailash Singh	Development of soft sensor model for product composition estimation of debutanizer column	Awarded
6.	Mr. Vivek Yadav	Dr. S. K Jana	Removal of nitrobenzene from aqueous solutions using cation exchange resin	Awarded
7.	Deepak Patel	Madhu Agarwal	Removal of Manganese from water using ZVI nanoparticles	Awarded
8.	Hemant Juneja	Madhu Agarwal	Removal of malathion from water using modified bagasse as a bioadsorbent	Awarded
9.	Rakesh Baghel	Dr. Sushant Upadhyaya	Numerical Modelling and Experimental Study of Hydrodynamic Behaviour of Helical and Spiral Coils	Awarded
10.	Sweta Lal	Dr. Sushant Upadhyaya	Separation of Volatile Organic Compounds(VOCs) from Water by Vacuum Membrane Distillation	Awarded

DEPARTMENT OF CHEMISTRY

List of Candidate Awarded / Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Kavita Verma	Prof. K.D.Gupta Prof. A.B. Gupta	Hybrid Disinfection of Secondary Treated Sewage Using Chlorine, U.V. & Ozone in Series to Optimize the Process	Pursuing
2	Shuchi Maheshwari	Dr. Jyoti Joshi	Synthesis and characterization of some medicinally important spiro and condensed heterocycles through green approach	Pursuing
3	Sukhbeer Kumari Choudhary	Dr. Jyoti Joshi	Development of green chemical approaches for synthesis of biologically active aza heterocycles	Pursuing
4	Yogesh Duchaniya	Dr. Jyoti Joshi	Synthesis and studies of metallated derivatives of poly donor ligands	Pursuing
5	Tanuja Kumari	Dr. Jyoti Joshi	Coordinated complexes with functional chelating ligands having Nitrogen and or Oxygen donor atoms	Pursuing
6	Ms Yogita Madan	Dr. Ragini Gupta	Catalysis and nanocatalysis for green organic transformations	Pursuing
7	Ms Anshu Jain	Dr. Ragini Gupta	Synthesis of some new Heterocycle Based Anion Receptors	Pursuing
8	Ms Bhawana Saraswat	Dr. Ragini Gupta	Click Chemistry and its Applications in Drug Discovery	Pursuing
9	Ms Yachana Jain	Dr. Ragini Gupta	Bioconjugates and Click Chemistry and its Applications in Drug Discovery	Pursuing
10	Ms. Mithlesh Kumari	Dr. Ragini Gupta	Synthesis of heterocyclic compounds as Corrosion inhibitors	Pursuing
11	Munsaf Ali	Dr. Raj Kumar Joshi	Metal Mediated One pot synthesis of unusual heterocyclic	Pursuing
12	Avinash Kumar Srivastav	Dr. Raj Kumar Joshi	Design and Synthesis and catalytic screening of Fe/Ru/Pt based mixed metal cluster complexes	Pursuing
13	Naveen Kumar Satrawala	Dr. Raj Kumar Joshi	Strategically development of metallsilylene complexes: Potential catalyst for unique organic transformation and silylene transfer reactions	Pursuing
14	Vashundhra Sharma	Dr. Sandeep Chaudhary	Investigation of new carbon-carbon bond forming reactions: Application to the synthesis and SAR study of biologically active natural product.	Pursuing
15	Ritu Sharma	Dr. Sandeep Chaudhary	C-C Bond Formation via C-H Bond Activation Reactions: Investigation of New Reactions and its Application to Natural Product Synthesis	Pursuing

16	Bharti Rajesh Kumar Shyamlal	Dr. Sandeep Chaudhary	Strategic investigation of Organocatalytic C-H bond activation reactions: Application to the synthesis of bioactive molecules	Pursuing
17	Mohit K. Tiwari	Dr. Sandeep Chaudhary	Chemistry and Biology of Bioactive Alkaloids/terpenes: Design, Synthesis, Structure-Activity Relationship and Molecular Modeling/Docking studies	Pursuing
18	Lalit Yadav	Dr. Sandeep Chaudhary	Development of new organocatalytic C-C coupling reactions via C-H bond activation reactions: Application to the synthesis of bioactive heterocycles.	Pursuing
19	Anshu Bhati	Dr. Sumit Kumar Sonkar	Graphitic carbon nano-rods for imaging and sensing applications	Pursuing
20	Anupriya Singh	Dr. Sumit Kumar Sonkar	Fluorescent carbon nano-materials	Pursuing
21	Mahesh Kumar Paliwal	Dr. Sumanta Kumar Meher	Metal-Metal Oxide based Hetero-nanocomposites For Electrochemical Energy Storage Applications	Pursuing



DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

List of Candidate Awarded / Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mohit Kumar Gokhroo	Dr. M. C. Govil Dr. E. S. Pilli	Fault Tolerance in cloud computing	Pursuing
2.	Preeti Mishra	Dr. E. S. Pilli	Cloud Security	Pursuing
3.	Anand Kumar Mishra	Dr. M. C. Govil Dr. E. S. Pilli	Cloud Forensics	Pursuing
4.	VED MITRA	Dr. M. C. Govil	Embedded System	Pursuing
5.	MUKESH GUPTA	Dr. M. C. Govil Dr. Girdhari Singh	Vulnerability Analysis	Pursuing
6.	Vimal Kumar Soni	Dr. M. C. Govil Dr. Dinesh Gopalani	Natural Language Processing	Pursuing
7.	Rajat Goel	Dr. M. C. Govil Dr. Girdhari Singh	Secure Software Development	Pursuing
8.	KUNWAR PAL	Dr. M. C. Govil Dr. Mushtaq Ahmed	Computer Networks & Live Streaming	Pursuing
9.	Anita Chaudhary	Dr. M. C. Govil Dr. Girdhari Singh	Cloud Computing	Pursuing
10.	Basant Agarwal	Dr. Namita Mittal	Efficient Feature Extraction methods for Sentiment Analysis	Awarded
11.	Ankit Vidyarthi	Dr. Namita Mittal	on Medical Imaging	Pursuing
12.	Lokesh Kumar	Dr. Namita Mittal	Natural Language Processing	Pursuing
13.	Abhishek Kilak	Dr. Namita Mittal	Emotion Detection	Pursuing
14.	Subhash Panwar	Dr. Neeta Nain	Cursive and Language Adaptive Methodologies for Handwritten Text Recognition	Pursuing
15.	Prakash Chowdhary	Dr. Neeta Nain	Pattern Matching	Pursuing
16.	Tapas Badal	Dr. Neeta Nain	Hindi Handwritten Text Recognition and Correction	Pursuing
17.	Priyanka Gupta	Dr. Neeta Nain	Hindi Script Part of Speech Tagging Methodologies	Pursuing
18.	Sh. Chhagan Lal	Dr. M. S. Gaur Dr. Vijay Laxmi	Quality-of-Service Driven Routing for Video Streaming in Mobile Ad Hoc Networks	Awarded
19.	Ms. Meenakshi Tripathi	Dr. M. S. Gaur Dr. Vijay Laxmi	Energy Efficient and Secure Routing for Clustered Wireless Sensor Networks	Awarded
20.	Renu Kumawat	Dr. M. S. Gaur	Modelling and Synthesis of Nano-Scale Molecular Memory	Pursuing

21.	Anukram Mishra	Dr. M. S. Gaur Dr. Vijay Laxmi	Constrained Bandwidth Advanced Metering Infrastructure	Awarded
22.	Sh. Manoj Bohra	Dr. M. S. Gaur Dr. Vijay Laxmi	Congestion & Fault-aware Routing in 2D and 3D networks	Pursuing
23.	Ms. Rimpay	Dr. M. S. Gaur Dr. Vijay Laxmi	Fault-tolerant Logic Based Distributed Routing for 2D NoC	Pursuing
24.	Sh. Anil Saini	Dr. M. S. Gaur Dr. Vijay Laxmi	Browser Vulnerabilities Assessment and Defense Techniques	Pursuing
25.	Sh. Parvez Faruki	Dr. M. S. Gaur Dr. Vijay Laxmi	Malicious App Detection in Android Platform	Pursuing
26.	Sh. Gaurav Singal	Dr. M. S. Gaur Dr. Vijay Laxmi	QoS-aware Multicast Routing Protocols in MANETs	Pursuing
27.	Ms. Sonal Yadav	Dr. M. S. Gaur Dr. Vijay Laxmi	Scalable and High-Bandwidth Memory-Hierarchy for NoC	Pursuing
28.	Ms. Priyanka Mitra	Dr. M. S. Gaur	Wireless NOC	Pursuing
29.	Sh. Buddhadev	Dr. M. S. Gaur	Android Security	Pursuing
30.	Ashish Sharma	Dr. M. S. Gaur	FPGA Emulation of NoC	Pursuing
31.	Gaurav Somani	Dr. M. S. Gaur	Modelling eDoS attacks in Clouds and Efficient Mitigation Techniques	Pursuing
32.	Smita Naval	Dr. Vijay Laxmi	Behavioral Modeling of Malware	Pursuing
33.	Yogesh Kumar Meena	Dr. Dinesh Gopalani	Automatic Text Summarization : Optimal Sentence Scoring	Pursuing
34.	Manish Jain	Dr. Dinesh Gopalani	A Framework using AOP approach for Software Testing	Pursuing
35.	Ramesh Babu Battula	Dr. M. S. Gaur Dr. Dinesh Gopalani	Path Aware and Spectrum Aware Routing Protocol for Cognitive Radio Based Mesh Networks	Pursuing
36.	Avani Sharma	Dr. E. S. Pilli	Security and Privacy in IoT	Pursuing
37.	Soniya Jain	Dr. Namita Mittal Dr. E. S. Pilli	Big Data Analytics	Pursuing
38.	Maheep Singh	Dr. M. C. Govil Dr. E. S. Pilli	Security	Pursuing
39.	Ajay Nehra	Dr. Meenakshi Tripathi	Software Defined Networks	Pursuing
40.	Jyoti Gajrani	Dr. Meenakshi Tripathi	Android Malware	Pursuing
41.	Chandra Prakah	Dr Namita Mittal	Data Mining	Pursuing
42.	Vijay Kr Sharma	Dr Namita Mittal	NLP	Pursuing

List of Candidates Awarded M. Tech. Degree

S.No.	Name of Student	Supervisor	Title of Thesis	Status
1.	Deepti Khanduja	Neeta Nain	Handwritten Text Recognition for Devanagari Script	Awarded
2.	Praveen Kumar Chandelia	Neeta Nain	Quality Assessment of Food Grains Using Image Processing	Awarded
3.	Ashish Jain	Yogesh K Meena	Graph and Cluster Based Methods for Automatic Text Summarization	Awarded
4.	Surekha Gupta	Dr. E. S. Pilli	Forensics Analysis of Email Sender Address Spoofing	Awarded
5.	Manoj Nama	Dr. Namita Mittal Dr. E. S. Pilli	Sentiment Analysis of Tweets	Awarded
6.	Anil Prajapati	Dr. Namita Mittal	Near Duplicate detection	Awarded
7.	Hemant Sharma	Dr. Namita Mittal	Natural Language query to Formal Language Query	Awarded
8.	Ammar Bharmal	MS Gaur	Static Dissection of Android Apps for Vulnerabilities and Malware Detection	Awarded
9.	Vijay G	MS Gaur	Detecting Android Malware using Dynamic Analysis Techniques	Awarded
10.	Pankaj Kumar	MS Gaur	Fault Tolerant and Congestion Aware Routing Methods in NoC	Awarded
11.	Apoorva Sikka	MS Gaur	Implementation of Task Mapping Algorithm and Benchmarks for on-Chip Networks	Awarded
12.	Tushar Singhal	Vijay Laxmi	Formal Approach for Analysis of Extension based Attacks in Web Browser	Awarded
13.	Neha Gupta	Vijay Laxmi	Malware Detection using GPGPU	Awarded
14.	Harshit Garg	Vijay Laxmi	Impact Analysis of Attacks and Improvements of ODMRP Protocol of MANETs	Awarded
15.	Atul Deepak Rupnar	Vijay Laxmi	Advanced Clickjacking Attacks and Countermeasures	Awarded
16.	Ashish Lawania	Girdhari Singh	Efficient test case generation for first order and higher order mutants in mutation testing	Awarded
17.	Vinay Kumar Kaushik	Girdhari Singh	Virtual Module Management in Cloud Computing Using K- ary Three	Awarded
18.	Surjeet Das	Girdhari Singh	Big Data Analysis and Hadoop Frame Work Enhancement	Awarded
19.	Rajeshwari Netam	R. Babu Batulla	MAC Protocol for Cognitive Radio Network	Awarded
20.	Pankaj	R. Babu Batulla	A Routing Metric for Wireless Mesh Network	Awarded

DEPARTMENT OF ELECTRICAL ENGINEERING DEPARTMENT

List of Candidate Awarded / Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Status
1.	Parul Mathuria	Dr Rohit Bhakar	Awarded
2.	Ms Prerna Jain	Dr Rohit Bhakar, Prof. S N Singh	Awarded
3.	B C Kharbas	Prof Manoj Fozdar, Dr H P Tiwari	Awarded
4.	Virendra Swaroop Sangtani	Prof. R.A. Gupta, Dr. Rajesh Kumar	Awarded
5.	ManzoorAbid Ali	Prof Manoj Fozdar, Prof K R Niazi	Awarded
6.	Ajay Kumar Bansal	Prof. R. A. Gupta, Dr. Rajesh Kumar	Awarded
7.	Shahbaz Ahmed Siddiqui	Prof. Manoj Fozdar, Prof. K R Niazi	Pursuing
8.	Aakash Saxena	Dr.Vikas Gupta	Pursuing
9.	Vinay Kumar Jadoun	Prof K R Niazi, Dr. Nikhil Gupta	Pursuing
10.	Gulshan Sharma	Prof K R Niazi	Pursuing
11.	Kailashch. Sharma	Dr RohitBhakar, Dr. H. P. Tiwari	Pursuing
12.	Bharat Bhushan Jain	Prof R A Gupta, Prof Bhim Singh	Pursuing
13.	Dhanraj Chitara	Prof K R Niazi	Pursuing
14.	Narayanan K	Prof Manoj Fozdar	Pursuing
15.	Amita Sharma	Dr H P Tiwari, Dr RohitBhakar	Pursuing
16.	PradeepAnjana	Dr Vikas Gupta, Dr H P Tiwari	Pursuing
17.	Mirtunjay Kumar Modi	Dr. Anil Swarnkar	Pursuing
18.	NeerajKanwar	Dr. Nikhil Gupta, Prof. K.R .Niazi	Pursuing
19.	Nand Kishore Gupta	Prof. R. A. Gupta	Pursuing
20.	Manoj Kumawat	Dr. Nitin Gupta	Pursuing
21.	Mukesh Shah	Dr. Nikhil Gupta	Pursuing
22.	P. K. Agrawal	Dr. Nikhil Gupta	Pursuing
23.	Shalini Pal	Dr. Rajesh Kumar	Pursuing
24.	Nand Kishore Meena	Dr. Anil Swarnkar	Pursuing
25.	Saurabh Ratra	Dr.RajiveTiwari	Pursuing
26.	Pankaj Kuamr	Dr. Nikhil Gupta	Pursuing
27.	Ajeet Singh	Prof. Manoj Fozdar	Pursuing
28.	Venu Sangvan	Dr. Rajesh Kumar	Pursuing
29.	Sujil A.	Dr. Rajesh Kumar	Pursuing
30.	Jaiprakash Keshri	Dr. H. P. Tiwari	Pursuing
31.	Sonam Parashar	Dr. Anil Swarnkar	Pursuing
32.	Abhishek K. Gupta	Dr. KusumVerma	Pursuing
33.	Pradeep Singh	Dr. Rajive Tiwari	Pursuing
34.	Prerak Bhardwaj	Dr. Vijayakumar K.	Pursuing
35.	Vijaykumar Gali	Dr. Nitin Gupta, Prof. R. A. Gupta	Pursuing
36.	Pranda Prashanta Gupta	Dr. Prerna Jain	Pursuing
37.	Bhanu Pratap Soni	Dr. Vikas Gupta	Pursuing
38.	Vijay Kumar Gali	Prof. R. A. Gupta, Dr. Nitin Gupta	Pursuing

List of Candidates Awarded M. Tech. Degree

S.No.	Name of Student	Supervisor	Status
1.	Ajeet Kumar	Dr. Anil Swarnkar	Awarded
2.	Akhil Gupta	Ms. Nikita Jhajharia	Awarded
3.	Arjun Singh	Prof. Manoj Fozdar	Awarded
4.	Arvind Siddh	Mr. Mukesh Shah	Awarded
5.	Gaurav Bhansali	Dr. Rajesh Kumar	Awarded
6.	Jay Prakash Keshri	Dr. H. P. Tiwari	Awarded
7.	Kritika Saxena	Ms. Purna Jain	Awarded
8.	Neha Agarwal	Dr. K.R. Niazi	Awarded
9.	Pankaj Kumar	Dr. Rohit Bhakar	Awarded
10.	R N Raghav	Ms. Kusum Verma	Awarded
11.	Sumit Gill	Sh. Rajive Tiwari	Awarded



DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

List of Candidates Awarded / Pursuing Ph. D. Degree

S. No.	Name of Student	Supervisor	Status
1.	Dhirendra Mathur	Dr. Vineet Sahula	Awarded
2.	Deepak Jhanwar	Dr. K. K. Sharma	Awarded
3.	Sanjeev Kumar Metya	Prof. S.G. Modani	Awarded
4.	Tarun Varma	Dr. D. Boolchandani	Pursuing
5.	Hemant KumaR Meena	Dr. K. K. Sharma	Pursuing
6.	Ashish Kumar Ghunawat	Dr. V. Janyani	Pursuing
7.	Lokesh Garg	Dr. Vineet Sahula	Pursuing
8.	Mahabir Prasad	Dr. S.G. Modani	Pursuing
9.	Mukesh Kumar Gupta	Dr. Ghyanshyam Singh	Pursuing
10.	Sapna Khandelwal	Dr. D. Boolchandani	Pursuing
11.	Lintu Rajan	Dr. C. Periasamy	Pursuing
12.	Vinay Kanungo	Dr. Mohamad Salim	Pursuing
13.	Vishal Sharma	#N/A	Pursuing
14.	Nikhil Deep gupta	Dr. Vijay Janyani	Pursuing
15.	Shashi kant Sharma	Dr. C. Pariasami	Pursuing
16.	Amit Kmar Garg	Dr. Vijay Janyani	Pursuing
17.	Shanky Saxena	Dr. Ritu Sharma	Pursuing
18.	Arti k. Sharma	Dr. Mohammed Salim	Pursuing
19.	Hemant Sharma	Dr. K.K. Sharma	Pursuing
20.	Nitesh Kumar	Dr. Ravi K. Maddila	Pursuing
21.	Soma Kumawat	Dr. Ravi K. Maddila	Pursuing
22.	Teena Sharma	Dr. Ravi K. Maddila	Pursuing
23.	Shailendra Kumar Tripathi	Dr. Mohd. Samar Ansari	Pursuing
24.	Komal Swami	Dr. Mohd. Samar Ansari	Pursuing
25.	Tanushree Sharma	Dr. K. K. Sharma	Pursuing
26.	Urvashi Prakash Shukla	Dr. M. S. Ansari	Pursuing
27.	Rahul Kumar Vijay		Pursuing
28.	Sourabh Sahu		Pursuing
29.	Vaikuntapu Rama Krishna	Dr. L. Bhargava	Pursuing
30.	Ashish Tyagi		Pursuing
31.	Kamayani Shrivastav	Dr. R. P Yadav	Pursuing
32.	Niketa Sharma		Pursuing
33.	Asif Sayeed Khan	Dr. Mohd. Salim	Pursuing
34.	Nidhi Saxena		Pursuing
35.	Rahul Ratnakumar	Dr. S. J. Nanda	Pursuing
36.	Yogendra Kumar Gupta	Dr. L. Bhargava	Pursuing
37.	Upendra Chaudhary	Dr. G. Singh	Pursuing
38.	Tangudu Bharat Kumar	Dr. D. Boolchandani	Pursuing
39.	Ashish Kumar	Dr. Vijay Janyani	Pursuing
40.	Girraj Sharma		Pursuing

41.	Raju Patel	Dr. D. Boolchandani	Pursuing
42.	Sanjay Sharma	Dr. Vijay Janyani	Pursuing
43.	Hitendra Gupta	Dr. K.K. Sharma	Pursuing
44.	Sudhir Keshari	Prof. S.G. Modani	Pursuing
45.	Sanyog Rawat	Dr. K.K. Sharma	Pursuing
46.	Praveen Gupta	Dr. K.K. Sharma	Pursuing
47.	Sanjay Kumar Singh	Prof. S.G. Modani	Pursuing
48.	Vimal Kumar Agrawal	Dr. D. Boolchandani	Pursuing
49.	Sandeep Vyas	Dr. Ghyanshyam Singh	Pursuing
50.	Rukhsar Zafar	Dr. Mohamad Salim	Pursuing
51.	Monika Mathur	Dr. Ghyanshyam Singh	Pursuing
52.	Anup Kumar Sharma	Dr. Ritu Sharma	Pursuing
53.	Praveen Kumar Jain	Dr. Mohammed Salim	Pursuing
54.	Shruti Kalra	Dr. G. S. Choudhary	Pursuing
55.	Sandeep Saini	Dr. Vineet Sahula	Pursuing
56.	Divyanshu Gaur		Pursuing
57.	Vikas Pathak		Pursuing
58.	Deepender Kant	Dr. Vijay Janyani	Pursuing
59.	Lalit Kumar Dusad		Pursuing
60.	Kirti Vyas		Pursuing

List of Candidates Awarded M. Tech. Degree

S. No	Name of the Student	Supervisor	Topic	Status
1.	Shyam Lal Meena	Dr. Salim	Vander Mode Subspace Frequency Division Multiplexing for Two Tiered Cognitive Radio Networks	Awarded
2.	Rohit Bhayre	Mr. R.Bairathi	Reduction of PAPR of OFDM signal using Nonlinear Companding Transform	Awarded
3.	Yogendra Singh Ranawat	Mr. R.Bairathi	Design and Simulation of MEMS Based Microrobotic legged Structure Propelled by Time Variant Heat Source	Awarded
4.	Brijesh Kumar	Dr. Salim	Peak to Average Power Reduction in OFDM System by using Distortionless Techniques	Awarded
5.	Virendra Kumar	Dr. G. Singh	Modelling of Equiangular Spiral Photonic Crystal Fiber with Fibonacci Pattern Air Hole Rings in the Cladding Lattice	Awarded
6.	Alok Ranjan Samal	Mr. R. Bairathi	Achieving Deeper Notch Depth in OFDM System for Interference Cancellation in Cognitive Radio OFDM System	Awarded

7.	Muni Raj Meena	Dr. Ritu sharma	Design and Analysis of Hexagonal, Octagonal and Decagonal Elliptical Airhole PCF for Dispersion and Birefringent Properties	Awarded
8.	Manmohan Kanwadia	Dr. K. K. Sharma Mr.Sanjeev Agarwal	Comparative Evaluation of Different Algorithms for Random Valued Impulse Noise using HERNITE & BEZIER SPLINE	Awarded
9.	Arvind Sharma	Dr.Ritu sharma	Application of Fiber Bragg Grating to Improve Gain Pattern of the Erbium Doped Fiber Amplifier using Double Stage Amplification Technique	Awarded
10.	Monika Agarwal	Dr. G.Singh	Wavelength Demultiplexer Based on Arrayed Plasmonic Slot Cavities	Awarded
11.	Shekhar	Dr. Vijay Janyani	Optical Communication beyond Kerr Limit-using Dual polarization system	Awarded
12.	Shivangi	Dr. Vijay Janyani	Multicast Capable Survivable Wavelength Division Multiplexed Passive Optical Network	Awarded
13.	Neeraj Sharma	Dr. Vijay Janyani	Radio Over Fiber with Multiple Source based Subcarrier Demultiplexing	Awarded
14.	Aayush Madan	Dr. Vijay Janyani	Design of Ultrafast Encryption & Decryption Circuits for Secured Optical Networks	Awarded
15.	Ashish Tyagi	Dr. C. Periasamy	Design, Simulation and Optimization of Piezoelectric Nano-Structures for Energy Harvesting	Awarded
16.	Upendra Chaudhary	Dr. Ritu Sharma	Silicon Nanowires for Solar Photovoltaic Applications	Awarded
17.	Ashish Kumar	Dr. C. Periasamy	Design and Simulation of Multilayer Microcantilever Based Piezoelectric Pressure Sensor using Finite Element Method	Awarded
18.	Gaurav Sharma	Dr. Ritu Sharma	Fabrication and Characterisation of Carbon Nanotube by Thermal Chemical Vapour Deposition Process	Awarded
19.	Chirag Jain	Dr. Salim	Performance Analysis of Cooperative Diversity in Wireless Communication	Awarded
20.	Akanxit Upadhyay	Dr. K. K. Sharma	A Novel Technique for Fusion and Enhancement of Images using Tensor Unfolding in Transform Domains	Awarded
21.	Abhilash Jain	Dr. C. Periasamy	Performance Analysis of Dual Insulator Graded Channel Double Gate MOSFET	Awarded
22.	Somendra Prakash Sharma	Prof. Vineet Sahula		Awarded
23.	Akshay Jain	Dr. Lava Bhargava	An Efficient High Level Methodology for Design, Simulation and Hardware Implementation of LDPC Decoders based on Min-Sum Algorithm	Awarded

24.	Alka Sharma	Prof. Vineet Sahula		Awarded
25.	Kamini Singh	Prof. D. Boolchandani	NBTI-Aware Bit Line Voltage control with boosted supply voltage for improvement of 6T SRAM cell Read Stability.	Awarded
26.	Prakhar Tandon	Dr. Lava Bhargava		Awarded
27.	Lohitaksh Sharma	Dr. Lava Bhargava		Awarded
28.	Rahul Sharma	Mr. Sanjeev Agarwal	VLSI Buffer Modeling using Alpha Transistor Model, Considering overshoot effect	Awarded
29.	Vaikuntapu Rama Krishna	Prof. D. Boolchandani	A 6-bit Current Steering DAC for SoC Applications	Awarded
30.	Vipin Kumar Bargurjar	Prof. Vineet Sahula	TCP/IP Offload Engine Implementation on FPGA.	Awarded
31.	Lavish Kumar Jangid	Mr. Sanjeev Agarwal	HDMI Analyser using Phalanx	Awarded
32.	Ishwar	Dr. Lava Bhargava	Multioperand Redundant Adders on FPGA's	Awarded
33.	Pratibha Chauhan	Prof. D. Boolchandani	Automating Sizing of CMOS Op-Amp Using Geometric Programming and Analyzing the effect on performance parameters with variation in width and lengths	Awarded
34.	Katru Anand	Mr. Ghanshyam Singh	High speed and Area Efficient 32x32 Bit vedic multiplier	Awarded
35.	Naresh Kumar Meena	Mr. Ashish Ghunawat, Mr. Amit M. Joshi	Analysis of SRAM circuits design using power gate technique with highly data capability and low leakage sleep mode	Awarded
36.	Ankush Vashista	Prof. Vineet Sahula	Cognitive Radio Networks Issues and Modeling in OSI Layer and Spectrum sharing scheme with secondary user behaviour.	Awarded
37.	Sagar Balecha	Mr. Ashish Ghunawat, Mr. Amit M. Joshi	Application of magnetic tunnel junction(MTJ) based Architecture in logic computation	Awarded
38.	Mohit Kumar Sharma	Mr. Sanjeev Agarwal	Estimation of Leakage Power of 10T SRAM Cell	Awarded
39.	Devendra Singh	Mr. Ghanshyam Singh	Numerical Design of a large effective Mode Area Micro-structure Optical Fiber	Awarded
40.	Shanu Tripathi	Dr. C. Periasamy	Performance Analysis of aIGZO and Pentacene Based Thin Film Transistors	Awarded
41.	Raju Patel	Prof. D. Boolchandani	Designing and Stress Analysis of Low Voltage and High Performance RF MEMS Switches for X-Band Applications	Awarded
42.	Jitendra Kumar Saini	Dr. Lava Bhargava	SystemC Level Modeling of analog mixed signal case study of Biquad Filters Based on OTA and CCII	Awarded
43.	Shweta Sharma	Dr. Lava Bhargava	System Level Modeling of analog Mixed signals case study of IEEE 802.11 RF Transceiver	Awarded

DEPARTMENT OF MECHANICAL ENGINEERING

List of Candidates Awarded / Pursuing Ph.D. Degree:

S. No.	Name of student	Supervisor	Topic	Status
1.	Alok Manas Dubey	Dr. G D Agrawal	Performance Analysis of CO2 Cascade Refrigeration System	Pursuing
2.	Amit Aherwar	Dr. Amit Singh Dr. Amar Patinak	Design, Development and tribology analysis of Total Hip Joint Replacement for Human Body Structure	Pursuing
3.	Anil Kumar Sharma	Prof. G S Dangayach Prof. A. Bhardwaj	Cluster Development	Pursuing
4.	Anil Sharma	Prof. A. Bhardwaj	Cluster Development	Pursuing
5.	Ankur Pareek	Professor A.P.S. Rathore Professor Rakesh Jain	Development of an integrated framework for aligning new product development and supply chain management activities.	Pursuing
6.	Anmesh Kumar Srivastava	Prof. S.L. Soni And Prof. Dilip Sharma	Experimental Studies on Performance, Emission and Combustion Characteristics of an Acetylene Operated Single Cylinder Stationary C.I. Engine	Pursuing
7.	Anoj Meena	Dr. Amar Patnaik Dr. Harlal. Mali	Design, Development and Performance Assessment of Dental Wear Application	Pursuing
9.	Anurag Dixit	Dr. Harlal S Mali; Dr. RK Mishra	Experimental and Numerical Investigation on the Mechanical Behaviour of Woven Fabric Carbon/Epoxy Composite.	Pursuing
10.	Ashish Datta	Prof. A.P.S Rathore	Ergonomic Evaluation of passenger Cars	Pursuing
11.	Ashish Nayyar	Prof. Dilip Sharma Prof. S.L. Soni	Studies on Stationary C.I. engine operated on Oxygenate Diesel blends	Pursuing
12.	Ashish Dutta	Prof. A.P.S. Rathore Prof. Awadhesh Bhardwaj	Ergonomics (Broad Area)	Pursuing
13.	Ashiwani Kumar	Dr. Amar Patnaik Prof. I. K. Bhat	Wear and Fatigue Analysis of Bevel Gear in Differential of Automobile	Pursuing
14.	Avanish Singh Chauhan	Prof. A.P.S. Rathore Dr. GunjanSoni	Risk Analysis and mitigation strategies for New Product Development Success	Pursuing

15.	Avinash Pawar	Prof. Rakesh Jain	Failure propagation modelling: an integrated framework	Pursuing
16.	Bhargav Prajwal Pathri	Dr. Harlal S. Mali, Prof. Ravindra Nagar	Study of Morphology and Physical, Mechanical and Thermal Properties of Various Ceramics With a View to Optimize Their Cutting and Machining Parameters	Pursuing
17.	Bhawna Mathur	Prof. G.S. Dangayach	Performance Measurement in Service	Pursuing
18.	Chandrakumar Badole	Professor A.P.S. Rathore Professor Rakesh Jain Dr. Bimal Nepal	Development of an integrated framework of RFID based supply chain of perishable products.	Pursuing
19.	Chitresh Nayak	Dr. Amit Singh & Dr. Himanshu Chaudhary	Rapid Tooling	Pursuing
20.	Deepak Kumar	Prof. P. N. Rao	Optimization of Plastic Injection Molding	Pursuing
21.	Deepanshu Arora	Prof. Gopal Agarwal	Hybrid Meta-Heuristic approaches for flow shop scheduling	Pursuing
22.	Deepesh Sonar	Prof. S.L. Soni And Prof. Dilip Sharma	Experimental studies and Simulation on Alternative fuel operated Micro-Trigeneration system for residential applications	Pursuing
23.	Deeraj Joshi	Dr. M.L.Mittal	Project Scheduling with resource flexibility	Pursuing
24.	Dheeraj Kishore Johar	Prof. Dilip Sharma And Prof. S.L. Soni	Experimental Studies on Thermal Storage Integrated Micro-Trigeneration System	Pursuing
25.	Doraj Kamal Jamua	Prof. Dilip Sharma Prof. S.L. Soni	Studies on Ethanol Fuelled C.I. Engine Operated micro-CHP System	Pursuing
26.	Gaurav Kumar Badhotiya	Dr. Gunjan Soni Dr. M. L. Mittal	Multi plant scheduling	Pursuing
27.	Hansini Premi	Dr. Monica Sharma	Green Marketing Strategies	Pursuing
28.	Hemant Kumar Gupta	Dr. G D Agrawal Prof. J. Mathur	Experimental study of flat plate solar collector using nano-fluids	Pursuing
29.	Jaikishan	Dr. H S Mali	Design and Development of Low Cost One Way Abrasive Flow Machine (AFM) Utilizing Pulp and Fullers Earth Based Media.	Pursuing
30.	Jayant Purohit	Dr. M.L. Mittal	Mass Customization	Pursuing

31.	Jitender Singh	Prof. Dilip Sharma Prof. S.L. Soni	Design and Development of Solar assisted Rapid Milk Cooler	Pursuing
32.	K K Kataria	Prof. A. Bhardwaj Dr. Gunjan Soni	Ergonomics	Pursuing
33.	Kailash Chaudhary	Dr. Himanshu Chaudhary	Dynamic Balancing of Mechanisms	Pursuing
34.	Kunj Bihari Rana	Dr. G D Agrawal Prof. J. Mathur	Heat Transfer Characteristics of Nano fluids in Sub-cooled Flow Boiling	Pursuing
35.	Lokesh Vijayavargy	Prof. Gopal Agarwal	The study of green supply chain management practices: A Case of Indian Industry	Awarded
36.	M. L. Meena	Prof. A. Bhardwaj	Ergonomics	Awarded
37.	Mahendra Singh Shekhawat	Dr. Harlal S Mali; Prof. A.P.S Rathore	Experimental Investigation on Hybrid Electro-Discharge Centreless Grinding (EDCG) Processes.	Pursuing
38.	Manish Jindal	Prof. A. Bhardwaj	Techno entrepreneurship	Pursuing
39.	Manish Kumar	Dr. M.L.Mittal Dr. Gunjan Soni	Multi project scheduling	Pursuing
40.	Manmohan Siddh	Dr. Gunjan Soni Prof. Rakesh Jain	An Empirical Study of Agri-Fresh Food Supply Chain	Pursuing
41.	Manoj Kumar Sain	Dr. M. L. Meena	Some Issues on Ergonomics in SSI	Pursuing
42.	Manoj Pawar	Dr. Amar Patinak Dr. Ravindra Nagar	Wear and Fracture Characteristics of Stone Dust Filled Polymer Composite for Wind Turbine Blade	Pursuing
43.	Mr. Devi Singh Kumani	Dr. Himanshu Chaudhary	Constraint forces in Manipulators	Pursuing
44.	Mr. Harsh Dixit	Dr. T. C. Gupta	Not yet finalized (Enrolled in Jan 2015)	Pursuing
45.	Mr. Lalit Guglani	Dr. T. C. Gupta	Analysis and modifications of four bar knee linkage prosthetics	Pursuing
46.	Mr. Manoj Gupta	Dr. T. C. Gupta	Dynamic analysis of motorcycle-rider system	Pursuing
47.	Mr. Mayank Bhatnagar	Prof. Jyotirmay Mathur	Development of refrence building models for India	Pursuing
48.	Mr. Partha Das	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Long term analysis of the role of energy storage technologies in future energy scenarios of Indian power sector for increased renewable integration	Pursuing
49.	Mr. Prateek Srivastava	Prof. Jyotirmay Mathur	Optimizing design and performance parameters of chilled water based air conditioning system	Pursuing

50.	Mr. Sanjay Jangra	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Thermal comfort	Pursuing
51.	Mr. Shankar Barman	Prof. Jyotirmay Mathur	BIPV system design	Pursuing
52.	Mr. Sumit Sharma	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Building integrated photovoltaic system	Pursuing
53.	Neeraj saini	Prof. Gopal Agarwal	Indian Railways capacity challenges	Pursuing
54.	Niketa Jain	Professor A.P.S. Rathore, Professor Rakesh Jain Professor O. P.Yadav	A multi-objective optimization of Reliability Based Robust Design by capturing Degradation of Quality characteristics of a Multi- Component System	Pursuing
55.	Omji Shukla	Dr. Gunjan Soni and Dr. Rajesh Kumar	Agent Based Modelling of Lean Manufacturing System	Pursuing
56.	Parvendra Tyagi	Prof. Gopal Agarwal	Supply chain integration among BRICKS countries through ship routing optimization by using Meta Heuristic techniques	Pursuing
57.	Piyush Vats	Dr. Gunjan Soni Prof. APS Rathore	Multi-objective Inventory Optimization	Pursuing
58.	Pradeep Gupta	Prof. Dilip Sharma And Prof. S.L. Soni	Development of CI engine operated micro trigeneration for power, heating and space cooling	Pursuing
59.	Prem Singh	Dr. Himanshu Chaudhary	Balancing Agricultural Equipment	Pursuing
60.	Rahul Goyal	Prof. Dilip Sharma And Prof. S.L. Soni	Development of CI engine operated micro trigeneration for power, heating and space cooling	Pursuing
61.	Rahul Jain	Dr.M. L. Meena	Some Issues on Ergonomics in Agriculture	Pursuing
62.	Rajesh Chedwal	Prof. J. Mathur &Dr. G D Agrawal	Energy analysis of Jaipur city for GHG mitigation	Pursuing
63.	Ramanpreet Singh	Dr. Himanshu Chaudhary & Dr. Amit Singh	Design and dynamics of Knee joint	Pursuing
64.	Ramkaran Yadav	Prof. Rakesh Jain and Dr. M.L. Mittal	Lean Project Management	Pursuing
65.	Rohit Mishra	Dr. G D Agrawal Prof. J. Mathur	Experimental Study and Performance Analysis of Earth- Air Tunnel Heat Exchanger (EATHE) for Heating and Cooling in Hybrid Modes	Awarded

66.	Rupali Baghel	Dr. Harlal S Mali, Prof S.K. Biswas	Experimental Investigation on Machining of Ceramic Materials	Pursuing
67.	Sagar Kumar	Dr. Amit Singh	Design and Development of Direct and Indirect Tooling through Reverse Engineering	Pursuing
68.	Sanjay Gaur	Prof. A. Bhardwaj	FMEA analysis of HR functions	Awarded
69.	Shiv Raj Dahka	Prof. J. Mathur Dr. G. D Agrawal	Quantification of Thermal Adaptation in conditioned and unconditioned buildings of composite climate	Pursuing
70.	Shiv Ranjan	Dr. Amar Patnaik Prof. I. K. Bhat	Design, Development and Performance Assessment of Dental Wear Application	Pursuing
71.	Sumit Gupta	Dr. Amit Singh Prof. P. N. Rao	Sustainable Manufacturing	Pursuing
72.	Sundeep Kumar	Monica Sharma	Study and analysis of mass welfare schemes	Pursuing
73.	Surya Prakash	Dr. Gunjan Soni and Prof. A.P.S. Rathore	Robust Optimization of Supply Chain Network Design Under Uncertainty	Pursuing
74.	Swati Gangwar	Dr. Amar Patnaik Prof. I. K. Bhat	Design and Fabrication of Marrble Dust Filled Metal Alloy Composite for Single Row Deep Groove Ball Bearing	Pursuing
75.	Umardaraj	Prof. Rakesh Jain	Modeling of multi component system at early design stage	Pursuing
76.	Umesh Chaturvedi	Dr. Monica Sharma	Sustainable Manufacturing in Pharma industry	Pursuing
77.	Unaune Deepak Rajendra	Dr. Harlal S. Mali	Fabrication of Micro-Structures and Their Characterization in Inconel-718	Pursuing
78.	Vikas Bansal	Dr. G D Agrawal & Prof. J. Mathur	Performance Analysis of Earth Air Tunnel Heat Exchanger (EATHE) A CFD based study with Evaporative Cooling	Awarded
79.	Vikas Gautam	Dr. Amar Patnaik Prof. I. K. Bhat	Design, Development of Multilayer Coating on Marble Dust Filled Metal Matrix Composites for Turbine blade Application	Pursuing
80.	Vikas Kuksal	Dr. Amar Patnaik Prof. I. K. Bhat	Thermochemical Wear Analysis of Coated Metal Composite for Gun Barrel	Pursuing
81.	Vimal Pathak	Dr. Amit Singh	Investigation On Accuracy Issues in Reverse Engineering and Additive Manufacturing	Pursuing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of Student	Supervisor	Title of Thesis	Status
1.	Avanish Singh Chauhan	Professor A.P.S. Rathore	Investigation and Analysis of Success Factors of New Product Development in Indian Automotive Industry Using Interpretive Structural Modeling	Awarded
2.	Pratiksha Singh	Professor A.P.S. Rathore	A Conjoint Analysis Approach to Product Value Improvement of Fast Moving Consumer Goods	Awarded
3.	Rahul Jain	Prof. G.S. Dangayach	Improvement of productivity using Maynard operation sequence technique (MOST)	Awarded
4.	Priyanka Pathak	Prof. G.S. Dangayach	Sustainable waste management A study of cement industry	Awarded
5.	Manohar Singh Sankhla	Prof. G.S. Dangayach	Productivity improvement in Automotive Industry- A Lean Six Sigma Approach	Awarded
6.	Anil kumar Sharma	Prof. G.S. Dangayach	Implementation of lean in foundry industry: A sustainable Approach	Awarded
7.	Avneet Kumar Joshi	Prof. G.S. Dangayach	Sustainable Product Development: Conversion of Brass Inlet and Outlet Housing of Water Meter by using Plastics Materials (ABS)	Awarded
8.	Amit Jhalani	Prof. Dilip Sharma	Performance Analysis of an SI Engine Operated on Raw and Treated Biogas and to Develop a Portable Biogas Storage System.	Awarded
9.	Deepak Pathak	Prof. Dilip Sharma	Performance and Emissions Studies on Oxygenate-Diesel blend fuelled stationary Single Cylinder Water Cooled CI Engine.	Awarded
10.	Dev Kumar	Prof. Dilip Sharma	Experimental Investigation of Engine Performance and Emissions using EGR on a single Cylinder stationary CI Engine.	Awarded
11.	Jitender Dixit	Prof. Dilip Sharma	Performance And Emission Studies On CI Engine With Diesel Particulate Filter.	Awarded
12.	Sunil Kashyap	Prof. Dilip Sharma	Experimental Investigation Of Oxygen Enriched Fuel On The Performance And Emission Parameters in Single Cylinder Air Cooled Stationary SI Engine.	Awarded

13.	Jainesh Sarvaiya	Prof. Rakesh Jain	Analysis of bullwhip effect in two echelon Supply Chain management	Awarded
14.	Narander Singh	Prof. Rakesh Jain	Application of value Stream Mapping for Delivery lead time reduction in a construction equipment manufacturing industry	Awarded
15.	Rakesh	Dr.G. D. Agrawal	Experimental investigation on Direct Absorption Solar Collector using TiO ₂ -Water Nanofluid	Awarded
16.	Mukesh Kumar	Dr. G. D. Agrawal	Development and study of Direct Absorption Solar Collector using Al ₂ O ₃ -Water Nanofluid\	Awarded
17.	Bihari Lal	Dr. G. D. Agrawal	Parametric Investigations of Thermal Influence zone of Earth Air Tunnel Heat Exchanger: A Transient CFD Analysis	Awarded
18.	Atul Dadhich	Dr. G. D. Agrawal	Integration of Compressed Air Energy Storage Systems for Wind Power Resources	Awarded
19.	Lal Chand	Dr. Amit Singh	Investigation an Improvements in Energy Efficiency of Machine Tools through Design of Experiments and Optimisation	Awarded
20.	Sunil Kumar	Dr. Amit Singh	Development of Far Field Ultrasonic Welding Process from Near Field Process through Design of Experiments	Awarded
21.	Sameer Mittal	Dr. M.L.Mittal	Investigation of mass customization in select Indian industries	Awarded
22.	Swadesh Aggarwal	Dr. M.L.Mittal	A heuristic approach to solve capacitated vehicle routed problem	Awarded
23.	Sandeep Chaurasia	Dr. M.L.Mittal	Supplier selection using Fuzzy VIKOR method	Awarded
24.	Mukesh Kumar	Dr.M. L. Meena	Ergonomic Evaluation and Redesign of LAC Bangle Hand Tool	Awarded
25.	Geo Raju	Dr. M. L. Meena	Optimization of Internal Stresses in Polymer Sheet Extrusion using Taguchi Technique	Awarded
26.	Sumit Chawla	Prof. Gopal Agarwal		Awarded
27.	Amit kumar Gupta	Prof. Gopal Agarwal		Awarded
28.	Sudipto Kayal	Prof. Gopal Agarwal		Awarded
29.	Vishal	Prof. Gopal Agarwal		Awarded

30.	Pawan Sahu	Dr. Harlal S Mali	Optimizing Machining Parameter in CNC Milling Machine Through PSO for Acquiring High Surface Finish Product	Awarded
31.	Sandeep tiwari	Dr. Harlal S Mali	Modelling and Prediction of Material Removal Rate and Surface Roughness in Electrical Discharge Diamond Surface Grinding Process of Inconel-718	Awarded
32.	Devesh Kumar	Dr. YVSS Prasad & Dr. Harlal S Mali	Experimental Investigation on Rotary Friction Welding of Al-6061 Alloy	Awarded
33.	Mr. Rishikesh Muthyal	Prof. Jyotirmay Mathur	Double Skin Solar Photovoltaic Design, Ansal Experience Centre, Lucknow India	Awarded
34.	Mr. Gaurav Singhal	Prof. Jyotirmay Mathur	Techno-Economic Feasibility Analysis of Solar Photovoltaic Plant for MNIT Jaipur	Awarded
35.	Ms. Mayuri Rajput	Prof. Jyotirmay Mathur	Optimal Design for Building Integrated Photovoltaic Shading Simulation of Test Building in five Climate Zones	Awarded
36.	Mr. Arun Nayak	Prof. Jyotirmay Mathur	Detection and Forecasting of Wind Power Ramp Events	Awarded
37.	Amandeep Kamboj	Prof. S.L. Soni	Experimental Studies on Upright Conical Pebble Bed Heat Storage System Operating on C.I Engine Exhaust Gas.	Awarded
38.	Wasim Akram	Prof. S.L. Soni	Experimental Studies on Performance and Exhaust Emission Characteristics of a Diesel Engine Fuelled with Diesel-Linseed Oil Methyl Ester(LOME) Blends	Awarded
39.	Manan Shukla	Prof. A. Bhardwaj	Ergonomic study of tools used in MNREGA	Awarded
40.	Gaurav Gadekar	Dr. Gunjan Soni	Investigation of quality issues in perishable food supply chain	Awarded
41.	Gaurav Kumar Bhadotiya	Dr. Gunjan Soni	Time Study Analysis And Evaluation Of Seasonal Allowances For Mahatma Gandhi National Rural Employment Guarantee Act (MNREGA) Work	Awarded
42.	Sandeep	Dr. Gunjan Soni	Development of framework for decision support system of humanitarian aid supply chain	Awarded

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

List of Candidates Awarded Ph. D. Degree

S. No.	Name of Student	Supervisor	Topic	Status
1.	Uma Gupta	Dr V K Sharma	Development of steel with improved properties	Pursuing
2.	Akshay Kumar	Dr M K Banerjee	Development of technology production of conducting sheath over soln + materials	Pursuing
3.	Avnish Kumar	Dr A Sharma	Study of metallurgical aspects of nitrogen bearing austenitic stainless steel for under water part application	Pursuing
4.	Anil Kumar	Dr V Kumar And Dr K Awasthi	Synthesis and characterization of pani based nanocomposite for electronic housing	Pursuing
5.	Robin Gupta	Dr A Sharma	Study of microstructure and mechanical properties of al alloy cast through rapid slurry formation process	Pursuing
6.	Vatsala Chaturvedi	Dr U Pandel	Study on the effect of vibrations during solidification of az91 magnesium alloy	Pursuing
7.	Sanjay Meena	Dr M K Banerjee	Effect of v on bake hardening and dynamic strain aging of low carbon micro alloyed steel	Pursuing
8.	Sachin Kumar Rathi	Dr A Sharma	Minimization of hot tears in al-alloys	Pursuing
9.	Ornov Maulik	Dr V Kumar	Synthesis and characterization of light weight high entropy alloy	Pursuing
10.	Krishna Kumar	Prof. U. Pandel Prof. M.K.Banerjee	Modeling of Reduction of Iron Ore & Mill Scale by Low Grade Coal	Pursuing
11.	Nimu Chand Reger	Dr A K Bhargava	Influence of various dopants on mechanical and metallurgical properties of plasma sprayed hydroxyapatite coating	Pursuing
12.	Shrikant	Dr R K Duchaniya	Studies of quenching behavior of bottom flooded molten pool	Pursuing
13.	Arun Kumar	Dr V K Sharma	Development of hsla with improved mechanical properties	Pursuing
14.	Versha Goyal	Dr P R Soni	Aluminium based nanocomposite for automotive industry	Pursuing
15.	Anurag Hamilton	Dr A Sharma	Characteristics and corrosion-erosion behavior study of ----- based thermal spray coating on steel	Pursuing
16.	Priyanka Meena	Dr V. K Sharma		Pursuing
17.	Ravindra Singh	Dr S K Biswas	Study of electrical properties of nano-ceramic composites	Pursuing
18.	Vandana Kaler	Dr R K Duchaniya	Studies of thermal and mechanical properties of nano-tio ₂ doped pva	Pursuing

19.	Devesh Kumar	Dr V Kumar	Tribology analysis of high entropy alloy	Pursuing
20.	Ankit Goyal	Dr P R Soni	Improvement in si-based photo voltaics for high energy conversion efficiency	Pursuing
21.	Saurav Kumar	Dr. Vinod Kumar		Pursuing
22.	Abhishek Goyal	Prof. S.K. Gupta Prof. M.K. Banerjee		Pursuing
23.	Tulsi	Prof. Sk Biswas Prof. A.K. Bhargava		Pursuing
24.	Amrita Kaurwar	Dr. V. K. Sharma		Pursuing
25.	Disha Agrawal	Dr. R.K. Duchaniya		Pursuing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of the Student	Supervisor	Topic	Status
1	Nisheeth Kumar Prasad	Dr. V Kumar	SYNTHESIS AND MAGNETIC PROPERTY CHARACTERIZATION OF $fenico(simg)_x$	Pursuing
2	Vishvendra Pratap Singh	Dr. S K Gupta	Heat treatment of aisi4140 steel	Pursuing
3	Ram Niwas Choudhary	Dr. U Pandel	Study of effect of vibration during solidification of al30mg alloy	Pursuing
4	Praval Pratap Singh	Prof Krishna Kumar	Heat treatment of aisi-52100	Pursuing
5	Prashant Verma	Dr. R K Duchaniya	Thermal conductivity study of water cooled nano fluid	Pursuing
6	Upendra Singh Sengar	Dr. M K Banerjee	Vanadium micro-alloed steel	Pursuing
7	Punit Kumar Trivedi	Dr. M K Banerjee	Vanadium micro-alloed steel	Pursuing
8	Shobhit Bansal	Dr. A Sharma	Study of microstructure and mechanical properties of hvof sprayed steels for hydropower application	Pursuing
9	Rahul Tyagi	Dr. A Sharma	Study of hot tears on al-si-cu alloys	Pursuing
10	Ravi Kumar	Dr. S K Gupta	Comparison of austempering and normalizing on properties of aisi52100 alloy steel	Pursuing

11	Arunendu Singh Chauhan	Dr. C P Sharma	Microstructure property correlation in corrosion resistance cast iron	Pursuing
12	Vivek Kumar	Dr. V K Sharma	To improve mechanical properties of pearlitic rail steel by conventional and modified austempering	Pursuing
13	Shivendra Kumar Pathak	Dr. V K Sharma	Influence of austempering and conventional hardening on mechanical properties and microstructure of aisi4340 alloy steel	Pursuing
14	Nitika Kundan	Prof. P R Soni	Synthesis and evaluation of 6061 al-al ₂ O ₃ nanocomposite via mechanical alloying	Pursuing
15	Vabh Kumar Sharma	Dr. V K Sharma	Study of thermo-mechanical treatment of aisi-4340 steel	Pursuing
16	Vibha Uttam	Dr. R K Duchaniya	TRIBOLOGICAL STUDIES OF ELECTROLESS COMPOSITE Ni-P-tio ₂ COATING ON MILD STEEL	Pursuing
17	Chandra Prakash	Dr. R K Duchaniya		Pursuing
18	Gaurav Purohit	Dr M Mandira		Pursuing
19	Mukesh Suthar	Dr P R Soni		Pursuing
20	Chanderketu Singh	Dr. M Mandira		Pursuing
21	Monoj Kumar	Dr. N C Upadhyay		Pursuing
22	Rampariya Yogesh T.	Prof K KUMAR		Pursuing
23	Satindata Kumar Jain	Dr. S K Gupta		Pursuing
24	Manish Kuhwaha	Dr. C P Sharma		Pursuing
25	Raghav Saxena	Dr. N C Upadhyay		Pursuing
26	Rajendra Kumar Meena	Dr. V K Sharma		Pursuing
27	Pushpendra Kumar	Dr. S K Biswas		Pursuing
28	Suresh Kumar Solanki	Dr. V Kumar		Pursuing
29	Atul Singh	Dr. Y V S S Prashad		Pursuing

30	Bhagiratha Sahu	Dr. M K Banerjee		Pursuing
31	Anurag Singh	Dr. A K Bhargava		Pursuing
32	Sunil Kumar Jadav	Prof. K Kumar		Pursuing
33	Praveen Singh	Dr. S K Gupta		Pursuing
34	Vatsal Kumar	Dr. A Sharma		Pursuing
35	Atul Panwar	Dr. R K Duchaniya		Pursuing
36	Santosh	Dr. A K Bhargava		Pursuing



DEPARTMENT OF MANAGEMENT STUDIES ENGINEERING

List of Candidates Awarded / Pursuing Ph. D. Degree :

S. No.	Name of Student	Supervisor	Topic	Status
1	M. L. Meena	Prof. GS Dangayach Dr. A. Bhardwaj	Ergonomics	Awarded
2	Anil Sharma	Prof. GS Dangayach Dr. A. Bhardwaj	Cluster Development	Pursuing
3	Deepak Kumar	Prof. GS Dangayach Prof. PN Rao	Optimization of Plastic Injection Molding	Pursuing
4	Bhawna Mathur	Prof. GS Dangayach	Performance Measurement in Service	Pursuing
5	Sumit Gupta	Dr. Amit Singh Prof. GS Dangayach Prof. P. N. Rao	Sustainable Manufacturing	Pursuing
6	Manish Jindal	Prof. GS Dangayach Prof. Awadesh Bhardwaj	Study and analysis of University promoted entrepreneurship	Pursuing
7	Umesh Chaturvedi	Dr. Monica Sharma Prof. GS Dangayach	Sustainable Manufacturing in Pharma industry Jan. 2014	Pursuing
8	Hansini Premi	Dr. Monica Sharma Prof. GS Dangayach	Green Marketing Strategies	Pursuing
9.	Shradha Gupta	Dr. Monica Sharma	Lean Management in Services	Pursuing
10.	Anil Kumar Agarwal	Dr. Monica Sharma	MNP in Indian scenerio	Pursuing
11.	Mayanka Singh Chhonker	Deepak Verma		Pursuing
12	Ms. Kushboo Jain	Dr. Satish Kumar & Ashok Solanki	An Analytical Study of HRD climate in NHRM- A study of Rajasthan	Pursuing
13	Harsh Partap Singh	Dr. Satish Kumar & Dr. Awadhesh Bhardwaj	Working Capital Practices of SMEs in India	Pursuing
14	Purnima Rao	Dr. Satish Kumar & Dr. Vinod Madhavan	Capital Structure Practices of SMEs in India	Pursuing
15	Nisha Goyal	Dr. Satish Kumar & Dr. A.P. S Rathore	BEHAVIORAL BIASES IN INDIVIDUAL INVESTMENT DECISION MAKING	Pursuing
16	Shweta Tomar	Dr. Satish Kumar & Dr. Deepak Verma	Financial Planning among Working Womens in India	Pursuing
17	Sanjay Gaur	Awadhesh Bhardwaj	FMEA analysis of HR functions	Awarded
18	Ashish Datta	Awadhesh Bhardwaj APS Rathore	Ergonomic Evaluation of passenger Cars	Pursuing
19	K. K. Kataria	Gunjan Soni Awadhesh Bhardwaj	Ergonomics	Pursuing
20	Sundeep Kumar	Awadhesh Bhardwaj Monica Sharma	Study and analysis of mass welfare schemes	Pursuing

DEPARTMENT OF PHYSICS

List of Candidates Awarded / Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Dr. Rishi Vyas	Prof. S.K.Sharma /Dr. K. Sachdev	Study of gas sensing behavior of nanostructured ZnO thin films	Awarded
2.	Ms. Parul Gupta	Prof. S. K. Sharma	Synthesis and characterization of SnO ₂ Based Gas Sensor	Pursuing
3.	Ms. Indu Bala Vashishtha	Prof. S. K. Sharma	Study of CZTS Thin Film For Solar Cell Application	Pursuing
4.	Mr. Neeraj Goyal	Prof. S. K. Sharma	Synthesis and characterization of Metal Oxide Nanocomposites for Gas Sensing Application	Pursuing
5.	Ms. Poonam Sharma	Prof. S. K. Sharma	Corrosion and oxidation study of some Zr based bulk amorphous alloys for fuel reprocessing applications	Pursuing
6.	Mr. Satyaveer Singh	Dr. K. Sachdev	Development of Transparent conducting oxides with enhanced properties (Tentative)	Pursuing
7.	Mr. Sachin Sarve	Dr. K. Sachdev Prof. MK Banerjee (Dept. of Metallurgical & Materials Engineering)	Synthesis and investigations of semiconducting thin films (Tentative)	Pursuing
8.	Mr. Mahendra Singh Rathore	Dr. Srinivasa Rao Nelamarri	Tuning the structural, Optical and electrical properties of semiconductor nanocrystals (Tentative)	Pursuing
9.	Mr. Arun Vinod	Dr. Srinivasa Rao Nelamarri	Structural, optical and electrical properties of metal nanocrystals embedded in dielectric oxide layers for various applications (Tentative)	Pursuing
10.	Mr. Rajeev Kaushik	Dr. Rahul Singhal	Study of optical properties of embedded nanoparticles	Pursuing
11.	Mr. Veeresh Kumar	Dr. Rahul Singhal	Ion irradiation studies of NiTi shape memory alloy thin films	Pursuing
12.	Mr. Shushant Kumar	Dr. Rahul Singhal	Nanocomposite thin films of Ag/a-C	Pursuing
13.	Ms. Trupti Sharma	Dr. Rahul Singhal	Development of efficient polymer-fullerene bulk heterojunction organic solar cell using plasmonics	Pursuing
14.	Mr. Himanshu Sharma	Dr. Rahul Singhal	Optical properties of Ag-TiO ₂ nanocomposite thin films	Pursuing

15.	Ms. Pooja Sharma	Dr. Rahul Singhal	Organic solar cell thin films	Pursuing
16.	Ms. Priyanka	Dr. Subhayan Mandal & Dr. Sujin B. Babu (IITD)	Dynamics of Passive swimming in Newtonian fluid	Pursuing
17.	Yogita Kumari	Dr. Kamlendra Awasthi	Nanostructured Block Copolymer Templates for Solar Cell Applications	Pursuing
18.	Lokesh Kumar Jangir	Dr. Kamlendra Awasthi	Engineering of Block Copolymer Nanotemplates for Optoelectronics	Pursuing
19.	Rajesh Kumar	Dr. Kamlendra Awasthi	Functionalization of Nano-channels in Track Etched Polymeric membranes for Gas Separation/Sensing	Pursuing
20.	Anil Kumar	Dr. Vinod Kumar & Dr. Kamlendra Awasthi	Synthesis and characterization of polyaniline based nanocomposite for electronic housing	Pursuing
21.	Anoop MD	Dr. Manoj Kumar	High pressure magnetotransport on topological insulators	Pursuing
22.	Mr. Abhishek Sharma	Prof.K.C.Swami	Study of effects of plasma nitriding process on some nitridable materials	Pursuing
23.	Mr. Narendra Kr. Agrawal	Prof. K.C. Swami & Prof. Y.K Vijay	Study of Enhancement in Bio-Adaptability & Biocompatibility of Nano Composite Polymer Membranes by Plasma Treatment	Pursuing



DEPARTMENT OF MATHEMATICS

List of Candidates Awarded / Pursuing Ph.D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Praphull Chhabra	K.C. Jain	A study of inequalities on new generalized information divergence measures, and their applications	Pursuing
2.	Devendra Singh	K.C.Jain	Study of information theoretic based measures and their properties	Pursuing
3.	Padma Kumawat	Prof. Rashmi Jain	On Recent Advances in Single and Multivariable Higher Transcendental Functions and Polynomials, Derivatives and Integrals of Arbitrary Order, with Applications	Awarded
4.	Ms Kavita Khandelwal	Dr Vatsala Mathur	Fractional approach to Fluid Dynamics	Pursuing
5.	Mr.Sheikh Mohammed faisal	Dr. Sanjay Bhatte	A Study of Differential and Integral Calculus of Arbitrary Order and New Generalized Mittag -Leffler Function With Applications.	Pursuing
6.	Mr. Rakesh Bohra	Dr. Sanjay Bhatte	A Study of Unified Fractional Integral Formula, Pathway Fractional Integral Operator, Mellin Barnes Type Integral.	Pursuing
7.	Mr. Amit Mathur	Dr. Sanjay Bhatte	Investigation of Certain New Aspects of Generalized Operators of Arbitrary Order and Their Applications in Geometric Function Theory	Pursuing
8.	Pradeep Kumar	Dr. Santosh Chaudhary	A study of MFD flow through porous and non-porous boundaries	Pursuing
9.	Mohan Kumar Choudhary	Dr. Santosh Chaudhary	A study of MHD boundary layer flow problems	Pursuing
10.	Ms. Sonal Jain	Dr. Ritu Agarwal	A study of some advances in Fractional Calculus and Special Functions with modeling and applications in physical systems	Pursuing
11.	Mr. Mahesh P. Goswami	Dr. Ritu Agarwal	Bicomplex Integral Transforms and Applications	Pursuing
12.	Meena Kumari Gurjar	Prof Kantesh Gupta	Special Function	Pursuing
13.	Sonia Lalwani	Dr. Nilama Gupta	Design and Implementatiopn of Two-Level Particle Swarm Optimization for RNA Multiple Sequence Alignment	Awarded

14.	Manish Kr. Bansal	Prof. Rashmi Jain	A study of Mellin Barnes type integrals General Polynomial and Integrals operator of arbitrary order of single and multiple variable with applications	Pursuing
15.	Priyanka Harjule	Prof. Rashmi Jain	On recent advances of special function and fractional calculus with applications	Pursuing

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Ms. Oum Kumari R.	Dr. Dipti Sharma	Analysis of Residential Electricity Consumption in Jaipur City for Demand Side Management	Awarded
2.	Ms. Manisha Choudhary	Dr. Dipti Sharma	An empirical analysis of relationship between employees competencies and quality of work life	Pursuing
3.	Ms. Shikha Singh	Dr. Dipti Sharma	Empirical Investigation of India's Trade With EU and ASEAN	Pursuing
4.	Ms. Boola Choudhary	Dr. Dipti Sharma	Socio-Economic Assessment Study of Decentralized Rural Electrification based on Solar Energy in Rajasthan	Pursuing
5.	Mr. Asif Iqbal	Dr. Nupur Tandon	Mispronunciations of Engineering ESL students in Mewar region of Rajasthan: A Case Study in the Language Lab	Awarded
6.	Ms. Shveta Tripathi	Dr. Nupur Tandon	Environment, Self and Identity in the Select Novels of Willa Cather	Pursuing
7.	Ms. Ambika Singh	Dr. Nupur Tandon	----	Pursuing
8.	Ms. Kalpna Vijay	Dr. Preeti Bhatt	The Impact of Displacement on the Formation of New Values in the Novels of Diasporic Indian Women Writers	Pursuing
9.	Ms. Kanupriya	Dr. Preeti Bhatt	Dramatic Technique in the Major Plays of Girish Karnad	Pursuing
10.	Ms Pulak Avinashi	Dr. Preeti Bhatt	----	Pursuing
11.	Manvendra Singh	Dr. Vibhuti Singh Shekhawat	The Drift of Xenophobic and Jingoistic Aspirations in North-East India: A Study in the Context of Socio-Political Syndrome	Pursuing
12.	Priyanka Jain	Dr. Vibhuti Singh Shekhawat	A Study of the Impact of Transnational Migration on Identities of Chakmas in Northeast and Indias Foreign Policy	Pursuing

CENTRE FOR ENERGY AND ENVIRONMENT

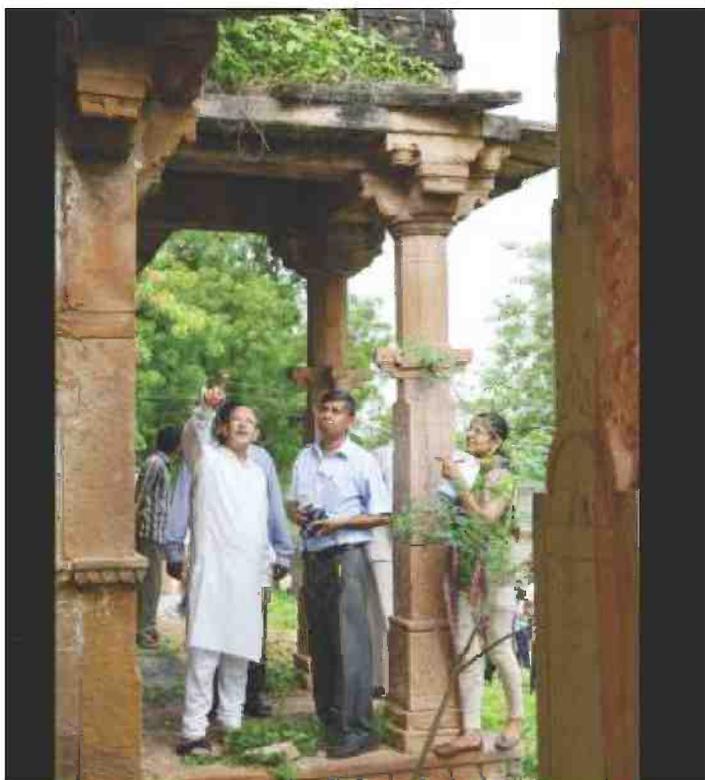
List of Candidates Awarded / Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mr. Anuj Mathur	Dr. Sanjay Mathur Dr. G.D. Agarwal	Earth air Tunnel	Pursuing
2.	Mr. Kalkhambkar Vaiju	Dr. Rajesh Kumar Dr. Rohit Bhakar	Battery Storage system for Renewable Energy	Pursuing
3.	Mr. Hemant Jain	Dr. Sandeep Srivastava	LCA requirement assessment	Pursuing
4.	Mr. Mayank Bhatnagar	Prof. Jyotirmay Mathur	Development of refrence building models for India	Pursuing
5.	Mr. Sanjay Jangra	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Thermal comfort	Pursuing
6.	Mr. Sumit Sharma	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Building integrated photovolataic system	Pursuing
7.	Mr. Partha Das	Prof. Jyotirmay Mathur Dr. Sanjay Mathur	Long term analysis of the role of energy storage technologies in future energy scenarios of Indian power sector for increased renewable integration	Pursuing
8.	Mr. Prateek Srivastava	Prof. Jyotirmay Mathur	Optimizing design and performance parameters of chilled water based air conditioning system	Pursuing
9.	Mr. Shashank Vyas	Dr. Rajesh Kumar	Computational methods for smart and resilient grid connected distributed generation systems	Pursuing
10	Mr. Shankar Barman	Prof. Jyotirmay Mathur		Pursuing

List of Candidates Awarded M. Tech. Degree :

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Mr. Sheshnag C S	Dr. Rajesh Kumar	Short Term Wind Speed Forecasting Using Artificial Intelligence Methods	Awarded
2.	Mr. Rishikesh Muthyal	Prof. Jyotirmay Mathur	Double Skin Solar Photovoltaic Design, Ansal Experience Centre, Lucknow India	Awarded
3.	Mr. Gaurav Singhal	Prof. Jyotirmay Mathur	Techno-Economic Feasibility Analysis of Solar Photovoltaic Plant for MNIT Jaipur	Awarded
4.	Mr. Debojyoti Sen	Dr. Urmila Brighu	Sustainable Service Model for Rural Electrification in India	Awarded
5.	Mr. Himanshu Gupta	Dr. Sanjay Mathur	Comparative Study of Different Type of Configurations for Photovoltaic Façade in Indian Climatic Zones	Awarded
6.	Ms. Mayuri Rajput	Prof. Jyotirmay Mathur	Optimal Design for Building Integrated Photovoltaic Shading Simulation of Test Building in five Climate Zones	Awarded

7.	Ms. Vishakha Baharwani	Dr. Urmila Brighu	Performance Assessment of different Solar PV Module Technologies	Awarded
8.	Ms. Neetu Meena	Dr. Urmila Brighu	Study and performance assessment of different battery technologies used for solar applications	Awarded
9.	Mr. Vikash Kumar	Dr. Urmila Brighu	Monitoring & performance analysis of solar steam cooking system	Awarded
10.	Mr. Atul Dadhich	Dr. G.D. Agrawal	Integration of Compressed Air Energy Storage System for Wind Resources	Awarded
11.	Mr. Arun Nayak	Prof. Jyotirmay Mathur	Detection and Forecasting of Wind Power Ramp Events	Awarded
12.	Mr. Ankur Jayaswal	Dr. Sanjay Mathur	Socio-Economic Impact Assessment of Rural Electrification through Conventional Grid and Solar AC Mini-grid on Households in U.P.	Awarded



पिछले दिनों 16-17 अगस्त को जीवा गॉम की हमारी स्त्री-दिवसीय यात्रा कई मायनों में ऐतिहासिक साबित होगी, ऐसा मैं मान के चल रहा हूँ। शायद ये पहला अवसर होगा जो जब इतने बड़े Delegation का नेतृत्व स्वयं MNIT Jpr. के कुर्जवान व सकारात्मक Director Prof. I. K. BHAT कर रहे थे व जिनमें Dean Administration, Prof. M. K. SHRIMALI, एवं वास्तुकला एवं नियोजन विभाग के Head व कई International Projects के अनुभवी Ar. RAMNIWAS SHARMA अपने अन्य पाँच सरकारी वास्तुविज्ञ शिक्षकों, दो छात्रों वरिष्ठा वारन 5th B.ARCH व खुबदीय रावैर 4th B.ARCH के साथ मैं नावीज भी शामिल था। इसी तरह राजस्थान सरकार की तरफ से इस प्रोजेक्ट के प्रेरक, वरिष्ठ बीजेपी नेता व जादुई व्यक्तित्व के धनी श्री डॉ.कार सिंह लाखावत अपनी साहित्यकार, इतिहासकार व पुरातत्व विभाग की टीम के साथ मौजूद थे। यह यात्रा एक राष्ट्रीय महत्त्व की संस्था के लिए अपने सामाजिक सरोकारों के तहत उस भूमिका को अंजाम देने की एक खूबसूरत पहल है, जिसमें संस्थान अपनी दक्षता (Expertise) वाली सेवाओं से एक गाँव के जीवन स्तर को ऊँचा उठाकर सामाजिक बदलाव लाने में मदद कर सके। इस पहल से NIT जैसी संस्था के साथ-साथ छात्रों, वास्तुविज्ञों, कलाकारों व गाँववालों में विभिन्न स्तरों पर जो व्यवहारिक समझ व मेसजोस बढ़ेगा वो इस तरह की संस्थाओं के प्रति जाम आदमी की आस्था व अनुसंग को जगाने वाला होगा। जिसकी आज्ञा के दौर में संभव ज़रूरत है।

11.7 HONOURS AND AWARDS TO FACULTY MEMBERS

DEPARTMENT OF CIVIL ENGINEERING:

Dr. Rajib Sarkar Received Indian Society of Earthquake Technology (ISET) award for best Ph.D. Thesis in Soil-Structure Interaction in India, December 2014.

DEPARTMENT OF CHEMICAL:

1. Dr. Sushant Upadhyaya (Assistant Professor, Chemical Engineering Department Malaviya National Institute of Technology Jaipur) has been awarded a Prestigious National Awards for Technology Innovation in Petrochemical and Downstream Processing Industry on July 17, 2014 by Honorable Union Minister for Chemicals and Fertilizers Government of India, Shri Anath Kumar and Minister of State Chemicals and Fertilizers, Shree Nihal Chand at Ashoka Hall, Maneksha Centre, Swarn Jyanti Marg, New Delhi for the year 2014-15.
2. Prof. S. P. Chaurasia Chaired a technical session on "Membrane Development". Trombay Symposium on Desalination and Water Reuse (TSDWR 2015) during Jan. 22-23, 2015, held at Mumbai.
3. Prof. S. P. Chaurasia has been elected as Executive Committee member of Indian Desalination Association for the term April 2015 to March 2017.
4. Dr. R. K. Vyas delivered an Invited Lecture entitled, "Pollution from Petroleum Exploration and its Treatment," at the Department of Petroleum Engineering, Rajasthan Technical University, Kota on September 9, 2014.

DEPARTMENT OF CHEMISTRY:

1. Dr. Jyoti Joshi was Member of National Advisory Board of workshop organized by V.I.T (2014).
2. Dr. Jyoti Joshi was Member of National Scientific Advisory Board of National Seminar (NSTAIE-2014) organized by Poornima College of Engineering.
3. Dr. Jyoti Joshi Chaired a session on "Applications of Petroleum Components" on Earth Day in Poornima group of Colleges (Engineering College) 2014.
4. Dr. Jyoti Joshi received Guest of Honor in ISTE sponsored workshop organized by Poornima group of Colleges, Jaipur in January, 2014.
5. Dr. Jyoti Joshi Chaired a session in the National Seminar on "Technological Advances and Their Impact on Environment" held on April 22, 2014 organized by the Department of Chemistry, Poornima College of Engineering, Jaipur.
6. Dr. Jyoti Joshi Participated in "Akhil Bharatiya Rajbhasha Sanghoshthi" in Vishakhapatnam held on April 22-23, 2014.

7. Dr. Jyoti Joshi received Guest of Honour in Yagyavalakya College of Engineering in October 2014.
8. Dr. Jyoti Joshi Delivered a lecture on "Women Empowerment" in an City based NGO "Human Life Foundation" in February 2015.
9. Dr. Sumit Kumar Sonkar received the Travel grant from GRC-USA for attending the International Gordon Research Conference on Green Chemistry at The Chinese University of Hong Kong in Hong Kong China (27-July to 01 Aug-2014).

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING:

1. Amit M Joshi got Best Paper Award in IEEE INTERNATIONAL CONFERENCE ON COMPUTATIONAL INTELLIGENCE AND COMPUTING RESEARCH for paper titled "New Power Gated SRAM Cell in 90nm CMOS Technology with Low Leakage Current and High Data Stability for Sleep Mode" at PARK College of Engineering and Technology, Coimbatore, (IEEE Tamil Nadu Section)
2. Prof. R. P. Yadav, Chief Guest of Valedictory Ceremony of 'AYAAN 2015' (Techmo Cultural n Sports Youth Fest), Rajdhani Engineering College, Jaipur, March 20, 2015.
3. Prof. R. P. Yadav., Received the distinguished contribution award at 2nd Rajasthan Science Congress, K.N. Modi University, Newai, May 1-3, 2014.
4. Prof. V. Sahula, awarded professional achievement award in field of Computer Science & Engineering by Institution of Engineers, India at Annual convention of Computer Board of IE(I), Jaipur, Jan 2014

DEPARTMENT OF MECHANICAL:

1. Elected Chairman of Rajasthan State Center, The Institution of Engineers, India for session 2014-16 (Prof.G.S.Dangyach).
2. Nominated as Member of Board of Management (BOM) of Rajasthan Technical University by Govt. of Rajasthan for three years. (Prof.G.S.Dangyach).
3. Awarded fellowship by Indian Institution of Industrial Engineering for contribution to the promotion of Industrial Engineering promotion on 13th September 2014. (Prof. Rakesh Jain).
4. Received 2014 Highly Commended Paper award from Emerald Group Publishing Limited for publishing a paper entitled "Implementation of Benchmarking concepts in Indian automobile Industry: an empirical study" in Benchmarking: An International Journal. (Prof. Rakesh Jain).

5. 'DAAD Research Ambassador' title conferred upon Prof. Jyotirmay Mathur by German Academic Exchange Program (DAAD). (Prof. Jyotirmay Mathur).

DEPARTMENT OF MANAGEMENT STUDIES:

1. Elected Chairman of Rajasthan State Center, The Institution of Engineers, India for session 2014-16.
2. Nominated as Member of Board of Management (BOM) of Rajasthan Technical University by Govt. of Rajasthan for three years.

DEPARTMENT OF PHYSICS:

Dr. Kamendra Awasthi, Guest Editor, Macromolecular Symposia, WILEY-VCH Verlag GmbH & Co. Germany Associate Editor, Journal of Nanomedicine Research, MedCrave Group, USA

DEPARTMENT OF CENTRE FOR ENERGY AND ENVIRONMENT:

1. DAAD Research Ambassador Conferred upon Prof. Jyotirmay Mathur by German Academic Exchange Program (DAAD).



11.8 PUBLICATIONS AND RESEARCH PAPERS IN CONFERENCES ETC.

DEPARTMENT OF ARCHITECTURE AND PLANNING

Research Papers Published in International Journals:

1. Pooja Nigam, Dr. V. Devadas, "An Assessment of the Urban Infrastructure in Residential Areas of Indian Metro Cities: A Case Study of Jaipur City", International Journal of Multidisciplinary Approach and Studies Volume :1 / 31-41 / 2014 ISBN: ISSN:2348-537.
2. Pooja Nigam, Dr. V. Devadas, "An evaluation of the land management of Indian metropolitan cities: a case of Jaipur city, India", Asian Journal Of Research In Social Sciences And Humanities Volume :4 / 209-222 / 2014 ISBN: ISSN:2250-1665.
3. Ashwani Kumar, Pushplata, (2014), Building Regulations for Hill Towns of India, accepted for publication in Elsevier, HBRC Journal. (doi information. 10.1016/j.hbrj.2014.06.006).
4. Ashwani Kumar, Pushplata, (2015), Approach to Formulate Setback Regulations for Indian Hill Towns, International Journal of Sustainable Built Environment, 4, pp 91-99 [http://dx.doi.org/10.1016/j.ijse.2015.03.001].
5. Sunil Kumar, Ashwani Kumar, (2015), Solid Waste Management in Tier II Indian Cities: A Case of Jammu City, International Journal of Architecture and Infrastructure Planning, Vol.1, Issue I pp 13-18.
6. Er Mayank Varshney, Er. Sanjay Sharma, Ar. Meenu Varshney, "Study of workability with use of coir fibres in concrete composites", International Journal of Engineering research and management Volume : 01 / 235-243 / 2014 ISBN: ISSN-2349-2058.
7. Mayank Varshney, Meenu Varshney, Amit Sharma, "Techno-economic feasibility study of stone dust fly ash cement bricks over ordinary clay bricks in affordable housing", International Journal of Scientific Engineering and Technology (IJSET) Volume :03 / 63-69 / 2014 ISBN: ISSN:2277-1581.
8. Er Mayank Varshney, Er. Abhinav Tyagi, Ar. Meenu Varshney, "A Study on the Impact of Poly mixed Activated Sludge generated From STP Based SBR Technology", International Journal of Engineering Research and Management Volume :01 / 244-246 / 2014 ISBN: ISSN-2349-2058.
9. Jayshri Kala, Gunwant Sharma, Sudhir Kumar, Satish Pipralia, "Study of Ambient Air Quality Status on Urban Roads using Air Quality Index -A Case of Jaipur City (Rajasthan, India)", International Journal of Theoretical & Applied Sciences Volume :6 / 138-147 / 2014 ISBN: 2249-3247.

10. Jayshri Kala, Gunwant Sharma, Sudhir Kumar, Satish Pipralia, "Assessment of Groundwater Quality in Jaipur City", International Journal of Enhanced Research in Science Technology & Engineering Volume :3 / 89-101 / 2014 ISBN: 2319-7463.

Research Papers Published in National Journals:

1. Kumar Sunil, Kumar Ashwani, "Issues and Strategies for Solid Waste Management in Jammu City" Journal of Indian Building Congress, Vol XXI No. 2, PP 115-119, 2014.
2. Ashwani Kumar, Kulvaibhav Sharma, (2015), Role of Infrastructure for increasing tourist influx in Rajasthan: A critical Review, Journal of Environmental Research and Development, Vol. 9 No. 3(A), pp 1050-1056.
3. Kumar Ashwani, Bhimakali Temple at Sarahan: An Architectural Marvel, Indian Journal of Applied Research, vol. 4, issue 9 September 2014 pp11-14 [Article DOI : 10.15373/2249555X/September2014/4].

DEPARTMENT OF CIVIL ENGINEERING:

Research Papers Published in International Journals:

1. Budania P. Choudhary M., Kumar S. (2014) Highway Safety Efforts in India, IJTE, ISTE, 37(3)
2. S.B. Patil, A.K. Vyas, A.B. Gupta. Utilization of an industrial waste in cement concrete mixes, The Journal of Solid waste technology and management 40(1), 79-85, 2014.
3. Kavita Verma, K.D. Gupta, A. B. Gupta. A review on sewage disinfection and need for improvement", accepted for publication in Desalination and water treatment.
4. Jangid, D.R. and Gupta A.B. (2014), Waste to Energy – Sewage Treatment Plant Delawas, Jaipur, Rajasthan, India- A case study. International Journal of recent trends in science and technology, 10, 308-312.
5. Saakshy Agarwal, Ashwini Sharma, Kailash Singh & A.B. Gupta (2014): Decolorization of direct red and direct blue dyes used in handmade paper making by ozonation treatment, Desalination and Water Treatment, DOI:10.1080/19443994.2014.988649.
6. Anuj Mathur, Ayushman Srivastava, G.D. Agrawal, Sanjay Mathur, Jyotirmay Mathur, "CFD analysis of EATHE system under transient conditions for intermittent operation", Energy & Buildings Vol. 87 / 37-44 / 2015
7. Anuj Mathura, Ayushman Srivastava, Jyotirmay Mathur, Sanjay Mathur, G.D. Agrawal, "Transient effect of soil thermal diffusivity on performance of EATHE system", Energy Reports 1 / 17-21 / 2015

8. Manish Yadav, Nitin Kumar Singh, UrmilaBrighu, Sanjay Mathur, "Adsorption of F on Bio-Filter sorbent: kinetics, equilibrium, and thermodynamic study", *Desalination and Water Treatment* 10.1080 / 2014 1-12 / 2014
 9. Richa Sinha, Amit Singh, Sanjay Mathur, "Multi-objective optimization for minimum residual fluoride and specific energy in electrocoagulation process", *Desalination and Water Treatment* 10 / 1-11 / 2014
 10. Richa Sinha, Sanjay Mathur, "Development of Regression Equation for De-fluoridation by Continuous Flow Electrocoagulation", *International Journal of Applied Engineering Research*. 9 / 201-206 / 2014
 11. TyagiNeha., Mathur Sanjay, "Electrocoagulation process for textile wastewater treatment in continuous reactor", *Journal of Scientific and Industrial Research* 73 / 195-198 / 2014
 12. MevinChandel, G.D.Agrawal, Sanjay Mathur, AnujMathur, "Techno-economic analysis of solar photovoltaic power plant for garment zone of Jaipur city", *Case Studies in Thermal Engineering* 2 / 1-7 / 2014
 13. S. T. Dhotre, Gunwant Sharma, RohitGoyal, S K Parikh, 2014. "Finite Element Analysis for Seepage through Saturated and Unsaturated Soil-masses with Special Reference to the Details of Formulation of Equations Governing the Phenomenon", *International Journal of Emerging Technology and Advanced Engineering*, Vol. 4, Issue 1 2, pp. 661-672.
 14. S. T. Dhotre, Gunwant Sharma, RohitGoyal, S K Parikh, 2015. "Soil Moisture Estimating Governing Models- A Review", *International Journal of Emerging Technology and Advanced Engineering*, Vol. 5, Issue 2, pp. 158-162.
 15. S. T. Dhotre, Gunwant Sharma, Rohit Goyal, S K Parikh, 2015. "Soil Moisture Estimating Governing Models - Parameter Estimation- A Review" *International Journal of Emerging Technology and Advanced Engineering*, Vol. 5, Issue 2, pp. 163-172.
 16. Gunwant Sharma, Y.P. Mathur, Sunil Kumar Vyas, P.K. Navin, 2014. "Rainfall-Runoff Regression Model for Meja Catchment", *International Journal of Inventions in Research, Engineering Science and Technology (IJIREST)*, Vol.1, No.1, April 2014 ISSN (Print): pp. 2348-7399, pp. 58-62.
 17. Sunil Kumar Jain, Y.P. Mathur and Gunwant Sharma, 2014. "Assessment of Water Quality Index of Anasagar Lake, Ajmer (India)", *International Journal of Inventions in Research, Engineering Science and Technology (IJIREST)*, Vol.1, No.1, April 2014 ISSN (Print): 2348-7399, pp. 76-86.
 18. Rohitashw Kumar, Vijay Shankar and Mahesh K. Jat (2014), "Evaluation of root water uptake Models- A review", *ISH Journal of Hydraulic Engineering*, Taylor & Francis, DOI no. 10.1080/09715010.2014.981955.
 19. VipinUpadhyay and Mahesh K. Jat (2014), "Risk Assessment of Petroleum Fire Using Geo-Spatial Techniques", *International Journal of Remote Sensing & Geoscience (IJRSG)*, ISSN No: 2319-3484 Volume 3, Issue 4, 11 – 20.
 20. Santosh Pingale, Mahesh K, Jat and Deepak Khare (2014), "Integrated Urban Water Management Modelling Under Climate Change Scenarios", *Resource Conservation and Recycling*, Vol. 83, 176-189. Elsevier Science (Accepted) (Impact factor 2.319).
 21. Santosh Pingale, Deepak Khare, Mahesh K, Jat and Jan Adamowski (2014), "Spatial and temporal trends of mean and extreme rainfall and temperature for the 33 urban centres of the arid and semi-arid state of Rajasthan, India", *Atmospheric Research Journal*, Elsevier Science, Volume 138, 1 March 2014, Pages 73–90 (Impact Factor = 2.2, 2013)
 22. Rohitashw Kumar, Vijay Shankar and Mahesh Kumar (2014), Evaluation of nonlinear root uptake model for uniform root zone vis-à-vis multi-layer root zone, *Journal of Irrigation and Drainage (ASCE)*, Vol. 140, Issue 2, 04013010-1 – 10.
 23. Goyal, Rohit (2014), "Rooftop Rainwater Harvesting: Issues & Challenges", *Indian Plumbing today*, 125 Collector's Edition, www.ipt.co.in, May, pp. 148-161.
 24. Bhattacharya S., Tokimatsu K., Goda K., Sarkar R., Shadlou M. and Rouholamin M. (2014), "Collapse of Showa Bridge during 1964 Niigata earthquake: A quantitative reappraisal on the failure mechanisms," *Soil Dynamics and Earthquake Engineering*, 65, 55-71.
- Research Papers Published in National Journals:
1. The Health Monitoring Prescription By DIC Method ACI 19 / 2015
 2. The Health Monitoring Prescription by Novel Method The Indian
 3. Concrete Journal Vol 89 / 2015
 4. Sarkar R., Bhattacharya S. and Maheshwari B.K. (2014), "Seismic Requalification of Pile Foundations in Liquefiable Soils," *Indian Geotechnical Journal*, Springer, Special Issue on Earthquake Geotechnical Engineering: Seismic Requalification, 44(2), 183-195.
 5. Sarkar R. and Maheshwari B.K. (2014), "Three Dimensional Nonlinear Seismic Behaviour of 3 x 3 Pile Groups in Liquefiable Soil," *Indian Geotechnical Journal*, Springer, 44(1):68-76.
- List of Papers Presented at International Conferences:
1. T. S. Rami Reddy and A. B. Gupta, Kinetics of biodegradation of sewage due to addition of Chlorides, presented at 3rd International conference on Hydrology & Meteorology-2014, Hyderabad, India September 15-

- 16, 2014. The abstract was published in the proceedings.
2. A. B. Gupta and T. S. Rami Reddy, Mathematical modeling of biodegradation of sewage under varying chloride concentrations. International Conference on Emerging Trends in Biotechnology and the 11th Convention of the Biotech Research Society, India Jawaharlal Nehru University, New Delhi, India, during November 6-9, 2014.
3. Sumit Sharma, Mayuri Rajput, Sanjay Mathur, Jyotirmay Mathur, "Optimum Shading Design in Building Integrated Photo Voltaic Overhang" , The 2nd Asia Conference of International Building Performance Simulation Association by International Building Performance Simulation Association at Nagoya, Japan 28-November to 29-December, 2014
4. Sumit Sharma, Himanshu Gupta, Sanjay Mathur, Jyotirmay Mathur, "Comparison of Different Type of Configurations for Photo-Voltaic Facade in Composite Climate Zone of India" ,The 2nd Asia Conference of International Building Performance Simulation Association by International Building Performance Simulation Association at Nagoya, Japan 28-November to 29-June, 2014
5. Vinay Chandwani, Sunil Kumar Vyas, Vinay Agrawal, Gunwant Sharma, 2015. "Soft computing approach for rainfall-runoff modelling: A review", International Conference on Water Resources, Coastal and Ocean Engineering (ICWRCOE 2015), Science Direct, Aquatic Procedia 4, pp. 1054 – 1061
6. Susheela Dahiya, P. K. Garg and Mahesh K. Jat, "Building Extraction from High Resolution Satellite Images Using Matlab Software", International Multidisciplinary Scientific Geo Conference & EXPO (SGEM). Vol. 3, pp. 71-78, 2014 (ISSN 1314-2704, ISBN 978-619-7105-12-4).
7. Tiwari, Kuldeep, Sarkar, Archana and Goyal, Rohit (2014). "Hydro -Morphological Study of Subansiri Watershed of Brahmaputra River," ETWQQM -2014 Conference Proc., Int. J. of Engg. Research & Technology (IJERT), 19-21 Dec. 2014 at PU, Jaipur.
8. Khandelwal, Pankaj, Tiwari, Kuldeep and Goyal, Rohit (2014). "Rooftop Rain Water Harvesting as Part of IWRM Plan of Khuskera-Bhiwari Neemrana Investment Region," ETWQQM -2014 Conference Proc., Int. J. of Engg. Research & Technology (IJERT), 19-21 Dec. 2014 at PU, Jaipur.
9. P V Ramana, 24-30Sept 2014 "The Novel Technique for Oxidation Process in Waste Materials", AOP2014, Munnar, India.
10. P V Ramana, 18-21 Dec 2014, Linear Problems by Stochastic Finite Element Method Approach, SEC-2014, IIT, Delhi, India.
11. P V Ramana, 18-21 Dec 2014, The Characterization Structures Using an Alternative Material, SEC-2014, IIT, Delhi, India.
12. P V Ramana & Pooja T S, 18-21 Dec 2014, Lattice Modelling of Fracture Process in Fibre Reinforced Concrete 3D Structures, SEC-2014, IIT, Delhi, India.
13. P V Ramana & Surendra Nath A, 18-21 Dec 2014, The Health Monitoring Prescription By DIC Method, SEC-2014, IIT, Delhi, India.
14. P V Ramana & Richa Agrawal, 18-21 Dec 2014, THE NEW MATERIAL AS FINE- AGGREGATE IN CONCRETE OUTLET, SEC-2014, IIT, Delhi, India.
15. P V Ramana & Vivek Tanwar, 18-21 Dec 2014, The Emerging Solution For Partial Differential Problems, SEC-2014, IIT, Delhi, India.
16. P V Ramana & Vivek Singh, Mathematical and Computation Approach for Stochastic Finite Element Method, National Conference on "Mathematical Analysis and Computation (NCMAC 2015)" February 20-21, 2015, India.
17. P V Ramana & Abhishek V, Soft Computation for Structural Dynamic Natural Problem, National Conference on "Mathematical Analysis and Computation (NCMAC 2015)" February 20-21, 2015, India.
18. P V Ramana, Mathematical Corollary for N-Dimensional Problems in Numerical Method, National Conference on "Mathematical Analysis and Computation (NCMAC 2015)" February 20-21, 2015, India.
19. P V Ramana, A Novel Technique for Resuming Non-linearity, National Conference on "Mathematical Analysis and Computation (NCMAC 2015)" February 20-21, 2015, India.
20. P V Ramana, Mathematical Corollary For 3-Dimensional Tetrahedron And Cubed Hexahedron Problems, National Conference on "Mathematical Analysis and Computation (NCMAC 2015)" February 20-21, 2015, India.
21. P V Ramana, Wavelet Approach for structural mechanic Problems, International Conference on IEEE, March 27-29, 2015, India.
22. P V Ramana, Laplace transformation Technique for Structural Dynamic linearity applications, National Conference on International Conference on IEEE, March 27-29, 2015, India.
23. Sarkar R., Shrimal D. and Goyal S. (2014), "Seismic analysis of a 275m tall RCC multi-flue chimney: A comparison of IS code provisions and numerical approaches," Structural Engineering Convention (SEC), Held at IIT Delhi in December 2014: DOI 10.1007/978-81-322-2193-7_80.
24. Sarkar R. and Seraw at A. (2014). "Influence of shape of p-y curve on failure mechanism of piles in liquefiable soils," 15th Symposium on Earthquake Engineering, Held at IIT Roorkee: 352-361.



List of Papers Presented at National Conferences

1. Kavita Verma, K. D. Gupta and A. B. Gupta. Hybrid disinfection of sewage, Poster presented at Two day seminar on "Atomic Energy for Robust National Development" on September 5, 2014 and exhibition on BARC Technologies (September 5-6, 2014) at MNIT Jaipur.
2. Ashish Tambi, Urmila Brighu and A. B. Gupta. "Colipat- a sensitive and low cost kit for coli form detection in drinking water", Poster presented at Two day seminar on "Atomic Energy for Robust National Development" on September 5, 2014 and exhibition on BARC Technologies (September 5-6, 2014) at MNIT Jaipur.
3. Singh, Surendra Prasad and Jat, Mahesh K., (2014), "Impact of Anthropogenic Effects on Climate Change by Using Advance Technology Method", Proceedings of Geomatics 14, National Conference on "Application of Geoinformatics in Rural, Urban & Climatic Studies", held at IIT Mumbai during June 6-7, 2014, 49-52.
4. Goyal, Rohit (2014). "NBA Accreditation of UG and PG Programmes: Case Study of MNIT Jaipur", National Seminar on Quality Assurance in Technical Education, 14th July 2014, Bhaddal Institutes, Ropar.
5. Dhotre S. T., Sharma, G., Goyal, R., Parikh, S K., (2014), "Finite Element Analysis of Seepage Through Soils: Aspect of Water Management" published in National Conference on Water Resource Management-Achievements & Challenges (WRM-AC2014), Jamia Millia Islamia, New Delhi, March 22, 2014
6. Sarkar R. and Maheshwari B.K. (2015). "Three dimensional seismic behaviour of soil-pile-structure interaction: Effects of soil plasticity and liquefaction" UKIERI Workshop on Seismic Requalification of Pile Supported Structures (SRPSS), Held at IIT Guwahati, January 2015.

DEPARTMENT OF CHEMICAL

Research Papers Published in International Journals:

1. Poonam Mondal, Suja George, "A review on adsorbents used for defluoridation of drinking water", Reviews in Environmental Science and Bio/Technology 14 / 1-16 / 2014
2. Mondal P, George S., Mehta D., "Use of calcite for defluoridation of drinking water in acidic medium". Research Journal of Chemical sciences, Vol.4, No.6, 1-6, June 2014.
3. Dhiraj Mehta, Suja George, Poonam Mondal, "Synthesis of Hydroxyapatite by Chemical Precipitation Technique and Study of Its Biodegradability", International Journal of Research in Advent Technology, Vol.2, No.4, April 2014.
4. R. K. Dohare, M. Agarwal, and S. Upadhyaya, (2014) Parametric sensitivity analysis of humic phase in Landfill. International Journal of Science, Environment and Technology, 3(6), 2176 – 2183.
5. Rajeev Kumardohare, Kailashsingh and Rajesh Kumar, (2014) Modeling and Model Predictive Control of Dividing wall Column for Separation of BTX. Systems Science & Control Engineering: An Open Access Journal. DOI:10.1080/21642583.2014.996301.
6. Kriti Bhandari, S.P. Chaurasia, and A.K. Dalai, (2015), "Lipase catalyzed esterification of Docosaheptaenoic acid rich fatty acids with glycerol," Chemical Engineering Communications: 202:920–926, 2015.
7. Aditi Sharma, A. K. Dalai and S. P. Chaurasia (2015), Thermodynamic study for hydrolysis and esterification reactions with immobilized lipases, European International Journal of Science & Technology (ISSN: 2304-9693), 4(2):128-136, 2015.
8. Dohare, R.K., Singh, K., Kumar, R., "Modeling and model

- predictive control of dividing wall column for separation of Benzene-Toluene-o-Xylene," *Systems Science & Control Engineering*, 3(1), 2015, 142-153.
9. Agarwal, S., Sharma, A., Singh, K., Gupta, A.B., "Decolorization of direct red and direct blue dyes used in handmade paper making by ozonation treatment," *Desalination and Water Treatment*, published online 9Dec2014.
 10. M. Agarwal and Sunny Soni, Lubricants from renewable energy sources -a review *Green Chemistry Letters and Reviews*, 2014.

Research Papers Published in National Journals:

1. Jyoti Jain, Jitendra Kumar Singh, and S. P. Chaurasia (2014), "Experimental Analysis of Process Parameters on Energy Consumption for nitrate removal from Water Using VMD", *Journal of Energy Research and Environmental Technology*, ISSN: 2394-1561, volume 1, number 1, pp 38-42.
2. T. Jain, J. Carpenter, V.K. Saharan, CFD analysis and optimization of circular and slit venturi for cavitation activity, *Journal of Material Science and Mechanical Engineering*, 2014, 1, 28-33.

List of Papers presented at International Conferences:

1. Sushant Upadhyaya, Kailash Singh and S. P. Chaurasia "Recovery for Desalination by Vacuum membrane Distillation" Trombay Symposium on Desalination and water reuse BARC Mumbai 22-23, Jan 2015.
2. Meena Prajapati, R. K. Dohare, K. Singh, (2014) "A Review on Thermal Conductivity and Heat Transfer Enhancement for Nanofluids", in Proceedings of International Conference on 67th Annual Session for Chemical Engineers Chemcon-2014 at Chandigarh.
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4. S. P. Chaurasia, Aditi Sharma and A. K. Dalai and, "Lipase catalyzed enrichment of DHA by esterification of tuna free fatty acids with lauryl alcohol using immobilized *Pseudomonas cepacia*", submitted for Pacificchem- 2015, Hawaii, USA.
5. Aditi Sharma, A. K. Dalai and S. P. Chaurasia, "Esterification of tuna free fatty acids using immobilized *Thermomyces lanuginosus* lipase", submitted for Pacificchem- 2015, Hawaii, USA.
6. A. Oza, Chaurasia, S.P, Dalai, A.K., "Biochemical and Thermo-chemical aspects of fermentation for ethanol production: A review", presented at CHEM CON 2014 Panjab University, CHANDIGARH.27- 30 December 2014.
7. Jitendra Kumar Singh, Sushant Upadhyaya and S.P. Chaurasia, "Experimental study on water desalination by vacuum membrane distillation", presented at CHEM CON 2014 Panjab University, CHANDIGARH.27- 30 December 2014.
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20. Dhiraj Mehta, Poonam Mondal, Suja George and Parimala. S., "Utilization Of Marble Waste Into A Value Added Product: Hydroxyapatite", Proceedings of International conference on Advances in Chemical Engineering & Technology" published by Elsevier India, ICACE TKM CE' 14, (2014) pp 338-342.

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2. Ashok Singh, Chaurasia, S.P., "Kinetic Modeling of Biodiesel (Jatropha) Fuel", 3rd Rajasthan Science Congress, Manipal University Jaipur, 28th Feb- 2nd March 2015.
3. Sujan, A. and Vyas, R. K., "Application of artificial neural network (ANN) and support vector regression (SVR) for developing correlation for hydrodynamic parameters in bubble column", Oral Paper presented at Indo-Japanese Symposium on "Separation Technology for Green Environment, CHEM CON 2014 held at Panjab University, Chandigarh from 27-30 December 2014, CD containing Abstracts, MT- ORAL, pp.1030-1031.

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1. A. Oza, Chaurasia, S.P., "Bioethanol Production In

Books Published:

S. N.	Title	Author	Publisher
1.	Chapter:3 Advanced Oxidation Technologies for wastewater Treatment: An Overview, (Book: Industrial Wastewater Treatment, Recycling, and Reuse)	V.K. Saharan, D.V. Pinjari, P.R. Gogate, A. B. Pandit	BUTTERWORTH HEINEMANN, Elsevier



DEPARTMENT OF CHEMISTRY

Research Papers Published in International Journals:

1. A paper entitled "A Review on Sewage Disinfection and Need of Improvement" has been published by Taylor & Francis in *Desalination and Water Treatment*, Kavita Verma, Prof. K.D. Gupta and Prof. A.B. Gupta.(13-09-2014)
2. A paper entitled "Hybrid Disinfection of Sewage Effluent-A Comparative Study of Three Secondary Treatment Plants of Jaipur, India. Kavita Verma, Priyesh Shukla, Prof. A. B. Gupta and Prof. K. D. Gupta" has been communicated. Publisher: Elsevier.
3. Air-stable palladium (0) phosphine sulfide catalysts for Ullmann-type C-N and C-O coupling reactions Arpi Majumder, Ragini Gupta*, Mrinmay Mandal, Madhu Babu, Debashis Chakraborty, *Journal of Organometallic Chemistry*, 781 (2015) 23-34.
4. Prashant Dubey, Kumud Malika Tripathi and Sumit Kumar Sonkar, "Gram scale synthesis of green fluorescent water-soluble onion-like carbon nanoparticles from camphor and polystyrene foam" *RSC Advances*, 2014, 4, 5838.
5. Kumud Malika Tripathi, Amit Kumar Sonker, Sumit Kumar Sonkar and Sabyasachi Sarkar, "Pollutant soot of diesel engine exhaust transformed to carbon dots for multicoloured imaging of E-coli and sensing cholesterol" *RSC Advances*, 2014, 4,
6. applications' 15 held at JNU, Delhi on 1st March 2015. *International Journal of Engineering Technology Science and Research*. Vol. 2, page 99-115, 2015.
3. Aza-BODIPY: As an organic photovoltaic material. Jyoti Joshi, Tanuja Kumari, Yogesh Duchaniya *Internal Conference on Emerging Trends of Engineering, Science, Management and its applications' 15 held at JNU, Delhi on 1st March 2015 International Journal of Engineering Technology, Management and Applied Sciences*. Vol. 3, page 200-211, 2015.
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5. Dr. Sumit Kumar Sonkar presented a paper on "Multi-colored water soluble carbon dots: from globally generated waste matter (black carbon particulates-diesel soot) for imaging and sensing applications" in "International Gordon Research Conference on Green Chemistry" at The Chinese University of Hong Kong in Hong Kong China during 27-July to 01 Aug-2014.
6. Dr. Sumit Kumar Sonkar presented a paper on "Non-toxic water soluble nano-carbons and its biological applications" in "Green Chemistry Bridge between Energy and Environment" during 17-18, Dec, 2014, organized by Department of Chemistry, Govt P. G. College, Dausa, Rajasthan.

Research Papers Published in National Journals:

1. Synthesis of 5,6-dihydropyran-2-one derivatives under coupled ultrasonication and phase transfer catalysed in situ generated ketene with chalcones† Ragini Gupta, Anshu Jain and Bindu Varshney *J. Indian Chem. Soc.*, Vol. 91, August 2014, pp. 1-6.
2. Green chemical synthesis, characterisation and antibacterial studies of 2-phenylethanol, Ritu Saharan, P S Verma, I K Sharma, and Jyoti Joshi, *Research Journal of Pharmaceutical, Biological and Chemical Sciences*, 5, 738, 2014.

List of Papers Presented at International Conferences:

1. A paper entitled "Biological Analysis and Effect of Disinfection on Secondary Treated Effluent of RBC (MNIT), Kavita Verma, Priyesh Shukla, A. B. Gupta, and K. D. Gupta", Jaipur has been accepted for oral presentation in the 3rd Environment Asia International Conference (June 17-19, 2015).
2. Applications of Schiff's Bases Metallorganic Derivatives-A review. Jyoti Joshi, Bidya S. Joshi, Yogesh Duchaniya, Tanuja Kumari. *Internal Conference on Emerging Trends of Engineering, Science, Management and its*

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1. A paper entitled "Hybrid Disinfection Technology for Secondary Treated Effluent of STP, Kavita Verma, Prof. K.D. Gupta and Prof. A. B. Gupta" has been presented in a national conference on "Water and Sustainable Development (March 21st, 2015) on World Water Day". Organized by Dept. of Civil Engineering and Chemistry, VIT Campus, Jaipur and Indian Water Works Association, Jaipur Center (IWWA).
2. Novel boron complexes derived from catechol and diazoaminobenzenes. Jyoti Joshi, Tanuja Kumari 102nd Indian Science Congress- 2015, Mumbai (3rd-7th January, 2015).
3. Synthesis of Ethyl-2-Hydroxycyclohexanecarboxylate using Ecofriendly Techniques. Jyoti Joshi, Ritu Saharan 102nd Indian Science Congress-2015, Mumbai (3rd – 7th January, 2015)
4. Ecofriendly Synthesis and Characterization of 3-Methylcyclohexanol. Ritu Saharan, P. S. Verma, I.K. Sharma, Jyoti Joshi National Conference on Frontiers at the Chemistry-Allied Sciences Interface, March 13-14, 2015 (FCASI-2015)

5. Multi component 1,3-dipolar Cycloaddition Reaction for Synthesis of Biologically Relevant Spiropyrrolidine and Thiapyrrolidine Derivatives. Anshu Dandiya, Jyoti Joshi, Sukhbir Kumari. National Conference on Frontiers at the Chemistry-Allied Sciences Interface, March 13-14, 2015 (FCASI-2015)
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7. Sumanta Kumar Meher, Morphology Tuning of Nanostructured Metal Oxides for Electrochemical Energy Storage Applications, "National Seminar on Recent Advances in Materials Sciences (RAIMS-2014)" 23-24 July 2014, Organized by Veer Surendra Sai University and Technology (VSSUT) Burla, Odisha, India.
8. Mahesh Kumar Paliwal and Sumanta Kumar Meher*, Ni(OH)₂ Mesoflowers: Freen Synthesis, Characterization and Anion Induced Morphology Tuning, "National Conference on Nano- & Functional Material (NFM-2014)" 7-8 November 2014, Organized by Birla Institute of Science & Technology (BITS) Pilani, Rajasthan, India.
- 15-0010 entitled "An Open Linguistic Structure for Multidisciplinary Research on Urdu Handwritten Text Image", ACM Transactions on Asian Language Low Resource Information Processing 15 / 0010 / 2015.
7. Yogesh Kumar Meena, Dinesh Gopalani. "Optimal Cluster Priority Based Sentence Ranking for Efficient Extractive Text Summaries". Electrical & Computer Engineering: An International Journal (ECIJ), Wireilla, Volume 4:1, pp. 36-43, 2015.
8. Pavan Kumar T: Ramesh Babu Battula, Rajasekhar Rao K, Manoj Singh Gaur, Dinesh Goplani "Cognitive Radio Wireless Mesh Networks: Routing and its Issues", International Journal of Applied Engineering Research (IJAER), Vol: 10, pp. 1333-1345, 2014.
9. Namita Mittal, Basant Agarwal, Himanshu Mantri, Rahul Kumar Goyal, Manoj Kumar Jain, "Extractive Text Summarization", In International Journal of Current Engineering and Technology Volume :4 / pp. 870-872 / 2014.
10. Namita Mittal, Basant Agarwal, Ajay Gupta, Hemant Madhur, "Icon Based Information Retrieval and Disease Identification in Agriculture" , Advanced Studies in Computer Science & Engineering Volume :3 / pp. 26-31 / 2014.
11. Basant Aarwal, Namita Mittal, Vijay Kumar Sharma, "Semantic Orientation based Approaches for Sentiment Analysis", Case Studies in Intelligent Computing – Achievements and Trends Volume: 0 / - / 2014 ISBN: 978-1-4822-0703-3.

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Research Papers Published in International Journals:

1. H M. M. Sharma, J. K. Deegwal, Ashok Kumar, and M. C. Govil "Compact Planar Monopole UWB Antenna with Quadruple Band-Notched Characteristics", Progress in Electromagnetics Research C, vol. 47, pp. 29-36, Jan. 2014.
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12. Namita Mittal, Basant Agarwal, Ritul Aditya, "Ontology Driven Semantic Query Optimization" , Journal of Computer Systems, Online Volume :01 / pp. 85-90 / 2014 ISBN: 2394-1065.
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14. Ankit Vidhyarthi, Namita Mittal, "Utilization of Shape and Texture features with Statistical Feature Selection Mechanism for Classification of Malignant Tumors in MR Images", Journal of Bio-medical Technology, , Vol: 59 (s1) Volume :59 / pp. 651-655 / 2014.
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 19. Manoj Singh Gaur, Rajbir Kaur, P. Lalith Suresh, Vijay Laxmi: Exploiting convergence characteristics to tackle collusion attacks in OLSR for Security and Communication Networks. Security and Communication Networks 7(1): pp. 108-122 (2014).
 20. Jyoti Grover, Vijay Laxmi, Manoj Singh Gaur: Sybil attack detection in VANET using neighbouring vehicles. IJNS 9(4): pp. 222-233 (2014).
 21. Vijay Laxmi, Chhagan Lal, M.S. Gaur, Deepanshu Mehta: "Jelly Fish attack: Analysis, detection and countermeasure in TCP-based MANET", Journal of Information Security and Applications, Available online 5 November 2014, doi:10.1016/j.jisa.2014.09.003.
 22. Chhagan Lal, Vijay Laxmi, Manoj Singh Gaur, Seok-Bum Ko: Bandwidth-aware routing and admission control for efficient video streaming over MANETs. Wireless Networks 21(1): pp. 95-114 (2015).
 23. Preeti Singh, V. Laxmi, MS Gaur. "Near Optimal Geometric Feature Selection for Visual Speech Recognition", International Journal of Pattern Recognition and Artificial Intelligence (IJPRAI), 27 (8) pp. 1350026-1:1350026-23.
 24. A Brief Comment on "A Complete Self-Testing and Self-Configuring NoC Infrastructure for Cost-Effective MPSoCs" [ACM Transactions on Embedded Computing Systems 12 (2013) Article 106]. ACM Trans. Embedded Comput. Syst. 14(1): 2:1-2:9 (2015).
 25. Jyoti Grover, MS Gaur, V. Laxmi. "Attack models and infrastructure supported detection mechanisms for position forging attacks in vehicular ad hoc networks", CSI Transactions on ICT, online available on SpringerLink.
 26. Renu Kumawat, Vineet Sahula, Manoj Singh Gaur: "Probabilistic modeling and analysis of molecular memory", ACM Journal on Emerging Technologies in Computing Systems(JETC), Volume 11 (1): 6 (2014).
- Feature Set for Handwritten Text Recognition", 37th IEEE International Convention, MIPRO2014, Conference on Intelligent Systems by IEEE at Croatia 28-May to 30-May, pp. 1397-1402, 2014.
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 4. Tapas Badal, Neeta Nain, and Mushtaq Ahmed , "Video Partitioning by Segmenting Moving Object Trajectories" , The 7th International Conference on Machine Vision (ICMV 2014), Milan, Italy by SPIE at Milan, Italy 19-November to 21-November, 2014.
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 6. Sharda Godara, Neeta Nain and Mushtaq Ahmed, "Handwritten Urdu Script Segmentation Using Hybrid Approach", ICVGIP 2014 - Workshop on Document Analysis and Recognition, DAR 2014 by ACM at IISC Bangalore 14-December to 17-December, 2014.
 7. Prakash Choudhary and Neeta Nain , "A Structure for Annotation and Ground-Truthing of Urdu Handwritten Text Image Corpus" , 7th International Conference on Corpus Linguistic, CILC2015, Proceeding of Elsevier, University of Valladolid, Spain by Elsevier at Spain 05-March to 07-March, 2014
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 10. Deepa Modi and Neeta Nain, "Part of Speech Tagging of Hindi Corpus Using Rule Based Method", International Conference on Recent Cognizance in Wireless Communication and Image Processing by Springer at Jaipur from 16 to 17 January, 2015.
 11. Maninder Nehra, Neeta Nain and Mushtaq Ahmed, "Handwritten Devanagari Script Database Development for Offline Hindi Characters With Modifiers", International Conference on Recent Cognizance in Wireless Communication and Image Processing by Springer at Jaipur from 16 to 17 January, 2015.

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2. Deepthi Khanduja and Neeta Nain, "Script Independent

12. Yogesh Kumar Meena, Peeyush Deolia, Dinesh Gopalani. "Optimal Features Set For Extractive Automatic Text Summarization". IEEE 5th International Conference on Advanced Computing & Communication, Rohtak, India, 21-22 February, 2015.
13. Yogesh Kumar Meena, Dinesh Gopalani. "Domain Independent Framework for Automatic Text Summarization". International Conference on Intelligent Computing, Communication & Convergence (ICCC-2014), ELSEVIER Procedia Computer Science, Bhubaneswar, Odisha, 27-28, December 2014.
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27. Jagadeesh Kakarla, Banshidhar Majhi, Ramesh Babu Battula, "A voronoi diagram based efficient coordination mechanism for WSAAN," Networks & Soft Computing (ICNSC), 2014 First International Conference on , vol., no., pp.226,230, 19-20 Aug. 2014, doi: 10.1109/CNSC.2014.6906661.
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2.	Modern Control Theory (Fifth Edition-2014)	V K Jain and Smita Pareek	Genius Publication (India)

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30. N. K. Agrawal, R. Agarwal, S. Khandelwal, Y. K. Vijay, K. C. Swami, "ZnO Nano Composites Polystyrene Membranes: Plasma Treatment & Characterization", *India, International Journal of Engineering Research & Technology*, 104-107, (2014), DOI: 10.13140/2.1.2187.0405.
31. N. K. Agrawal, R. Agarwal, D. Bhatia, D. Saxena, G. Kedawat, K. C. Swami, Y. K. Vijay, "Synthesis of Al & Ag Nanoparticles Through Ultra-Sonic Dissociation of Thermal Evaporation Deposited Thin Films for Promising Clinical Applications as Polymer Nanocomposite", *Advanced Materials Letters*, 6 (4), 301-308, (2015), DOI: 10.5185/amlett.2015.5625.
32. N. K. Agrawal, R. Agarwal, G. A. Kumar, Y. K. Vijay, K. C. Swami, "Surface Modification of Polymer Nano Composites by Glow Discharge Plasma Treatment", *Materials Science*, (2015) { Accepted for Publication }.
33. N. K. Agrawal, R. Agarwal, G. A. Kumar, J. Jain, Y. K. Vijay, K. C. Swami, "Study of Bacterial Cell Colonization on Plasma Induced Bio-Adoptable Nanocomposites" *Polymer Membranes, Macromolecular Symposia (2015)* { Accepted for Publication }.
34. Manoj K. Jaiswal, Avijit K. Ganguly, Subhyan Mandal, Anjan Dutta, "Astrophysical Signatures of Scalar-Photon Interaction", *European Academic Research 2 (9)*, 12451-12483.
2. N. Goyal, R. Vyas, S.K. Sharma "A comparative study on effect of conventional/microwave sintering in thin oxide, antimony oxide and their nanocomposite for NO₂ gas sensing", presented in International Conference Soft Materials (ICSM-2014) organized by Malaviya National Institute of Technology, Jaipur during Oct. 6-10, 2014.
3. P. Sharma, A. Dhawan and S. K. Sharma, "Electrochemical investigation of amorphous Zr₆₀Pd₅Cu₁₅Ni₁₀Al₁₀ and Zr₅₇Nb₅Cu₂₀Ni₈Al₁₀ alloys in oxidizing medium", presented in International Conference of Emerging Materials: Characterization and Applications 2014 on 4-6 Dec 2014, NIT Durgapur and CSIR, Central Glass and Ceramic Research Institute, Kolkata.
4. Indu B. Vashistha, Mahesh C. Sharma, Ramphal Sharma and S.K. Sharma, "Study of optical and electrical properties of Cu₂ZnSnS₄ (CZTS) particles for low cost solar cell" presented International Conference "BICON-14" during 12-17 October 2014 at Department of Science Biyani Girls College, Jaipur.
5. Sharma Vikas, Meena Pooja, Salim Amena, Sachdev K, "Investigations on Multi-layered TCO as Transparent Electrode in Organic Devices", ICSM-2014, 4-6 October, 2014.
6. Sharma Vikas, Vyas Rishi, Asokan K, Sachdev K, "120 MeV Ni¹⁰⁺ irradiation induced variation in electrical and morphological properties of SnO₂/Au/SnO₂ thin film for TCE application" SHIMEC, 14-17 October, 2014.
7. N Srinivasa Rao, V Saikiran, N Manikanthababu, S V S Nageswara Rao and A P Pathak, presented at "Ion beam induced effects on nanocrystals, alloys and high-k dielectric films" 23rd International Conference on Application of Accelerators in Research and Industry (CAARI-2014) San Antonio, Texas, USA during May 25-30, 2014.
8. R. Singhal et al "Ion Irradiation Induced Modifications of Nanostructured Ni-Mn-Sn Ferromagnetic Shape Memory Alloy Thin Films", International Conference on "Swift Heavy Ions In Materials Engineering and Characterizations (SHIMEC-2014), IUAC New Delhi
9. N. K. Agrawal, R. Agarwal, G. A. Kumar, Y. K. Vijay, K. C. Swami, "Study of Bacterial Cell Colonization on Plasma Induced Bio-Adoptable Nanocomposites Polymer Membranes", International Conference on Soft Materials at Malaviya National Institute of Technology, October 2014.

Research Papers Published in National Journals:

1. "Quasar polarization with ultralight (pseudo-)scalars", Ki-Young Choi, Subhayan Mandal and Chang Sub Shin (Accepted in Pramana).

List of Papers Presented at International Conferences:

1. R. Vyas, S. Sharma, S. Khan, R. Divakar, K. Sachdev, S.K. Sharma, "A comparative study of Fe-doped ZnO nanowire

List of Papers Presented at National Conferences :

1. Indu B. Vashistha, Mahesh C. Sharma, Ramphal Sharma and S.K. Sharma, "Effect of annealing time on the properties of $\text{Cu}_2\text{ZnSnS}_4$ thin film grown by CBD", presented in National workshop on Advanced Functional Materials during 5 September 2014 at Department of Physics, MNIT, Jaipur.
2. Indu B. Vashistha, Mahesh C. Sharma, Ramphal Sharma and S.K. Sharma, "Effect of dopent on the structural and optical properties of ZnS Thin Film as a buffer layer in solar cell application" presented in 4th National Conference on Advanced Materials and Radiation Physics (AMRP-2015) (March 13-14, 2015) Sant Longowal Institute of Engineering and Technology, Punjab.
3. R. Singhal et al, "Swift heavy ion irradiation of Fullerene Thin films: Se dependence", National Conference on Materials and their Energy Applications (NCME- 2014). S S.Jain Subodh PG College, Jaipur.
4. Yogita Kumari, Lokesh Kumar Jangir, Manoj Kumar, K.C. Swami, Kamendra Awasthi, "TiO₂ Nanocomposite Block copolymer Thin Films", National conference on materials and their Energy application, 22-24 Dec 2014 S.S. Jain Subodh P.G. College, Jaipur.
5. Lokesh Kumar, Yogita Kumari, Jangir, Manoj Kumar, Kamendra Awasthi, "Optical and Microbial Properties of PS-Zno Nanocomposite Membrane", National conference on materials and their Energy application, 22-24 Dec 2014 S.S. Jain Subodh P.G. College, Jaipur.
6. Bio-polymer embedded Fluorescent Nanoparticles for imaging and sensing Applications Kumud Kant Awasthi, Anjali Awasthi, Kamendra Awasthi, National conference on materials and their Energy application, 22-24 Dec 2014 S.S. Jain Subodh P.G. College, Jaipur.
7. Anil Kumar, Manoj Kumar, Kamendra Awasthi, Vinod Kumar, "Morphology, Structural and Optical properties of PMMA/polyaniline composite thin films", National conference on materials and their Energy application, 22-24 Dec 2014 S.S. Jain Subodh P.G. College, Jaipur.
8. Ankita Dube, Kumud Kant Awasthi, Kamendra Awasthi, Anjali Awasthi, "Green synthesis of metal nanoparticles using plants: synthesis characterization and microbial analysis", National conference on materials and their Energy application, 22-24 Dec 2014 S.S. Jain Subodh P.G. College, Jaipur.
9. N. K. Agrawal, Y. K. Vijay, K. C. Swami, "Surface and Chemical Modification of Nano Composite Polymers by Ion Plasma Treatment for Bio-Medical Application", National Seminar & Science Model Exhibition on "Innovations in Science & Technology for Inclusive Development at B. Lal Institute of Technology, April 2014.
10. N. K. Agrawal, R. Agarwal, Y. K. Vijay, K. C. Swami, "Multi Step Plasma Surface Treatment of PMMA for Improved

Copper Adhesion", National Conference On Perspectives Of Physics In Multi-Disciplinary Research at University of Rajasthan, April 2014.

DEPARTMENT OF MATHEMATICS

Research Papers Published in International Journals:

1. K.C. Jain and Praphull Chhabra, "Bounds of non-symmetric divergence measure in terms of other symmetric and non-symmetric divergence measures", International Scholarly Research Notices, volume 2014, Article ID 820375, 9 pages.
2. K.C. Jain and Praphull Chhabra, "New information inequalities in terms of one parametric generalized divergence measure and application", The Journal of Mathematics and Computer Science, volume 15, no. 1, pp:1-22.
3. K.C. Jain and Praphull Chhabra, "Various relations on new information divergence measures", International Journal on Information Theory, vol. 3, no. 4 (2014), pp: 1-18.
4. K.C. Jain and Praphull Chhabra, "On a difference of generalized f-divergences", International Journal of Mathematical Archive, vol. 5, no.3 (2014), pp: 76- 86.
5. K.C. Jain and Praphull Chhabra, "New information inequalities on new f-divergence by using Ostrowski's inequalities and its application", International Journal of Current Research, vol. 7, no.3 (2015), pp: 13836- 13853.
6. M. K. Bansal and R. Jain (2015). "Application Of Generalized Differential Transform Method to Fractional Order Riccati Differential Equation and Numerical Result". International Journal of Pure and Applied Mathematics. 99 (3), 355-366.
7. H. M. Srivastava, P. Harjule and R. Jain (2015). "A General Fractional Differential Equation Associated with an Integral Operator with the H-Function in the Kernel". Russian Journal of Mathematical Physics, 22(1), 112-126.
8. Vatsala Mathur, Kavita Khandelwal, "IOSR Journal of Mathematics. Volume 10, Issue 4 Ver. II (Jul-Aug. 2014), PP 38-45 "Exact solution for the flow of Oldroyd-B fluid due to constant shear and time dependent velocity".
9. Kavita Khandelwal, Vatsala Mathur, "Int. J. Appl. Comput. Math (2015) 1:143-156". Exact Solutions for an Unsteady Flow of Viscoelastic Fluid in Cylindrical Domains Using the Fractional Maxwell Model".
10. Sanjay Bhattar, Sheikh Mohammed Faisal, "Mittag-Leffler type E-function and related special functions", International J. of Math. Sci. & Engg. Appls. (IJMSEA) Vol. 8 No. VI (December, 2014), 69-79.
11. Sanjay Bhattar, Rakesh Kumar Bohra "New Pathway Fractional Integral Operator Associated With Aleph - Function, Multivariable General Class of Polynomial with H - Function", International Journal of Mathematical



12. Trends and Technology (IJM TT), V14 (2):84-87 Oct 2014.
Sanjay Bhattar, Sheikh Mohammed Faisal, "The Mellin-Barnes Type Contour Integral Representation of a New Mittag-Leffler Type E-Function", American Journal of Mathematical Science and Applications, (AJMSA) Vol. 2 No. 2 (July-December, 2014), 137-141.
13. Agarwal Ritu, Goswami M.P, Agarwal R. P., "Convolution Theorem and Applications of Bicomplex Laplace Transform", Advances in Mathematical Sciences and Applications, 24 (1) 2014, 113-127.
14. Agarwal Ritu, Goswami M.P, Agarwal R. P., "Bicomplex Version of Stieltjes Transform and Applications", Dynamics of Continuous, Discrete and Impulsive Systems, Series B: Applications & Algorithms, 21 (4-5b) 2014, 229-246.
15. Hari Singh Parihar and Ritu Agarwal, "A class of multivalent functions defined by generalized Ruscheweyh derivatives involving a general fractional derivative operator", Proyecciones Journal of Mathematics, 33(1), 2014, 187-202.

Research Papers Published in National Journals:

1. Kavita Khandelwal, Vatsala Mathur, Int Jr. of Mathematical Sciences & Applications Vol. 4, No.1, January-June 2014. "Unsteady unidirectional flow of Oldroyd-B fluid between two infinitely long coaxial cylinders".
2. M. K. Bansal and R. Jain (2014). "On Unified Finite Integrals Involving I3 Function, Generalizes Mittag Leffler Function and Appell Polynomials", The Journal of the Indian Academy of Mathematics, 36(2), 211-219.
3. Agarwal Ritu and Goyal S. P., on a class of multivalent functions defined by subordination and generalized Ruscheweyh derivatives, International Bulletin of Mathematical Research, 1(1) 2014, 8-15.

List of Papers Presented at International Conferences:

1. Agarwal Ritu and Badole C. M., Mathematical Modelling for Perishable Product Supply Chain under Inflation and Variable Lead Time, in the International conference and workshop on Mathematical Analysis (ICWOMA)-2014 held at Kuala Lumpur, Malaysia during May 27-30, 2014.

DEPARTMENT OF HUMANITIES AND SOCIAL SCIENCE:

Research Papers Published in International Journals:

1. Vibhuti Singh Shekhawat. Attended International Symposium on "The relations between Macao and the United States in the Global Perspective" on December 3, 2014 at The Faculty of Social Sciences & the Centre for Macau Studies, University of Macau in Macau and presented and read a paper "Macao- A Bridge between East and West". Paper accepted for publication.
2. Dipti Sharma (2015), " Changing Scenario of Indian Electricity Supply Industry: Study of Short-Term Power Market in India", published in book entitled, Energy Security and Development, the Global Context and Indian Perspectives, edited by B. Suddhakara Reddy and Sergio Ulgiati, published by Springer: 349-359.
3. Ritu Pareek & Preeti Bhatt, "A Feminist Reading of Angela Carter's "Our Lady of the Massacre." International Journal of English: Literature, Language & Skills. ISSN 2278 0742. Volume 3 Issue 2, July 2014: 124-7.

Research Papers Published in National Journals:

1. Vibhuti Singh Shekhawat. "Managing Business, Economy and Services with Terrorism, Extremism and Violence", published in the Global Journal of Finance and Management, Volume 6, November 7, 2014.
2. Shikha Singh & Dipti Sharma (2014), "Impact of European Union and ASEAN countries on India's trade volume using gravity model: a panel data approach", published in the Indian Economic Journal: Emerging Trends in Trade and Capital Flows, Special Issue, December 2014: 323-334.
3. Preeti Bhatt and Manju Nemad. "Journeys to her Homeland: Lessing's African Laughter and Under My Skin." Culture, Transformation and Identity. Ed. Urmil Talwar and Bandana Chakrabarty. Jaipur: Rawat, 2015. 149-59.
4. Kalpna Vijay & Preeti Bhatt. "The Immigrants' Quest for Identity and Holistic Growth in Divakaruni's The Mistress of Spices." In the Proceedings of the National Conference on Holistic Growth: Symbiosis of Theory and Practice organized by St. Xavier's College Jaipur from 12-13 Feb, 2015. Ed. Sapna New ar et al. Jaipur: The Patrons, 2015. 239-45.
5. Ritu Pareek and Preeti Bhatt. "Teaching Language through Literature: A Holistic Approach for Language Learning." In the Proceedings of the 4th National Conference on Holistic Growth: Symbiosis of Theory and Practice organized by St. Xavier's College, Jaipur from 12-13 Feb, 2015. Ed. Sapna New ar et al. Jaipur: The Patrons, 2015. 260-65

List of Papers Presented at International Conferences:

1. Vibhuti Singh Shekhawat. Attended International Symposium on "The relations between Macao and the United States in the Global Perspective" on December 3, 2014 at The Faculty of Social Sciences & the Centre for Macau Studies, University of Macau in Macau and presented and read a paper "Macao- A Bridge between East and West". Paper accepted for publication.
2. Nupur Tandon. "Creativity in the Communication Classroom: Some out-of-the-box teaching." presented at the International Conference on 'English – from Classes to the Masses' organized by the English Language Teachers' Association of India and Vivekananda Global University, Jaipur from 21-23 Aug. 2014.
3. Nupur Tandon & Shveta Tripathi. "Teaching English in a Virtual World: An impact of globalization" presented at the International Conference on 'English – from Classes to the Masses' organized by the English Language Teachers' Association of India and Vivekananda Global University, Jaipur from 21-23 Aug. 2014.
4. Oum Kumari R. & Dipti Sharma (2014), "Sustainable Residential Electricity Consumption - A study of Jaipur City", presented at the International Seminar on Energy Security, Climate Change and Sustainability: New Challenges and Alternatives, organized by the Presidency College Chennai and the Indian Economic Association on 21-23 November 2014.
5. Ritu Pareek and Preeti Bhatt. "Crime as Retribution in Angela Carter's Short Stories." presented at the International Conference on "Queens of Crime" organized at the Institute of English Studies, University of London from 12-13 June, 2014.
6. Preeti Bhatt. "Newspaper Clippings as a Resource for Language Teaching" presented at the International Conference on 'English – from Classes to the Masses' organized by the English Language Teachers' Association of India and Vivekananda Global University, Jaipur from 21-23 Aug. 2014.
7. Preeti Bhatt and Kanupriya. "Building Vocabulary in the Language Classroom" presented at the International Conference on 'English – from Classes to the Masses' organized by the English Language Teachers' Association of India and Vivekananda Global University, Jaipur from 21-23 Aug. 2014.
8. Ritu Pareek and Preeti Bhatt. "Motivation: A Crucial Component of Second Language Learning." presented at the International Conference on 'English – from Classes to the Masses' organized by the English Language Teachers' Association of India and Vivekananda Global University, Jaipur from 21-23 Aug. 2014.
9. Preeti Bhatt. "From Literature to Films: Adapting Shakespeare to the Silver Screen" at the International

Seminar on 'Hindi Cinema – Society and Interest' organized by Rajasthan International Film Festival, Jaipur at Jaipur from 28-29 Oct. 2014.

10. Preeti Bhatt. "Ecocriticism: Theorizing Environmental Concerns in Literature" in the XVII International Conference of the Forum on Contemporary Theory and the International Lincoln Centre for American Studies organized at Goa from 21-24 Dec. 2014.
11. Preeti Bhatt. "Women's Socialization and Resistance in Khaled Hosseini's A Thousand Splendid Suns and Githa Hariharan's The Thousand Faces of Night" at the XII CLAI Biennial International Conference 2015 organized at University of Rajasthan, Jaipur from March 1-4, 2015.

List of Papers Presented at National Conferences

1. Preeti Bhatt. "The Menacing Grasp of Terrorism: A Study of Kiran Desai and Mohsin Hamid's Novels" at the National Conference on 'Interrogating Terrorism: Role of Media and Literature' organized by S.S. Jain Subodh P.G. Autonomous College, Jaipur from 1-2 Aug. 2014.
2. Ritu Pareek and Preeti Bhatt. "Terrorism and its Psycho-social Impact" at the National Conference on 'Interrogating Terrorism: Role of Media and Literature' organized by S.S. Jain Subodh P.G. Autonomous College, Jaipur from 1-2 Aug. 2014.
3. Preeti Bhatt. "Ecocritical Concerns in Doris Lessing's Short Stories" for the 4th National Conference on Holistic Growth: Symbiosis of Theory and Practice organized by St. Xavier's College, Jaipur from 12-13 Feb., 2015.
4. Dipti Sharma & Oum Kumari R. (2015), "An empirical study of Electricity Consumption Variables in Residential Sector of Jaipur city for Sustainable Power Demand", presented in the 35th Annual Conference of the Rajasthan Economic Association held at the Central University of Rajasthan from 23 - 25 January, 2015.

DEPARTMENT OF CENTRE FOR ENERGY:

Research Papers Published in National Journals:

1. Rajesh Chedwal, Jyotirmay Mathur, Ghanshyam Das Agarwal, Shivraj Dhaka, "Energy saving potential through Energy Conservation Building Code and advance energy efficiency measures in hotel buildings of Jaipur City, India", Energy and Buildings, Volume 92, 1 April 2015, Pages 282-295, ISSN 0378-7788, <http://dx.doi.org/10.1016/j.enbuild.2015.01.066>. (<http://www.sciencedirect.com/science/article/pii/S0378778815000936>)
2. Shivraj Dhaka, Jyotirmay Mathur, Gail Brager, Anoop Honnekeri, "Assessment of thermal environmental conditions and quantification of thermal adaptation in naturally ventilated buildings in composite climate of India", Building and Environment, Volume 86, April

2015, Pages 17-28, ISSN 0360-1323, <http://dx.doi.org/10.1016/j.buildenv.2014.11.024>.

3. Yasin Khan, Vaibhav Rai Khare, Jyotirmay Mathur, Mahabir Bhandari, "Performance Evaluation of Radiant Cooling System Integrated with Air System under Different Operational Strategies", Energy and Buildings, Available online 26 March 2015, ISSN 0378-7788, <http://dx.doi.org/10.1016/j.enbuild.2015.03.030>.
4. Anuj Mathur, Ayushman Srivastava, G.D. Agrawal, Sanjay Mathur, Jyotirmay Mathur, CFD analysis of EATHE system under transient conditions for intermittent operation, Energy and Buildings, Volume 87, 1 January 2015, Pages 37-44, ISSN 0378-7788, <http://dx.doi.org/10.1016/j.enbuild.2014.11.022>.
5. Anuj Mathur, Ayushman Srivastava, Jyotirmay Mathur, Sanjay Mathur, G.D. Agrawal, Transient effect of soil thermal diffusivity on performance of EATHE system, Energy Reports, Volume 1, November 2015, Pages 17-21, ISSN 2352-4847, <http://dx.doi.org/10.1016/j.egy.2014.11.004>.

List of Papers Presented at International Conferences:

1. Jyotirmay Mathur and Vishal Garg "Necessity and approach for developing Indian thermal comfort standards" Invited talk at ACRECONF-2015, New Delhi, March 20, 2015.
2. Mayuri Rajput, Sumit Sharma, Sanjay Mathur, Jyotirmay Mathur. "Optimum shading design in building integrated Photovoltaic overhang." IBPSA - ASIM 2014 international conference. Nagoya -Japan, Nov 28-29, 2014.
3. Himanshu Gupta, Sumit Sharma, Sanjay Mathur, Jyotirmay Mathur. "Comparison of different type of configurations for photovoltaic façade in composite climatic zone of India (New Delhi)." IBPSA - ASIM 2014 international conference. Nagoya -Japan, Nov 28-29, 2014.
4. Vaibhav Rai Khare, Yasin Khan, Jyotirmay Mathur, Mahabir Bhandari. "Radiant Cooling: A Case Study of Energy Savings and its Enhancement in an Office Building." IBPSA - ASIM 2014 international conference. Nagoya-Japan, Nov 28-29, 2014.
5. Anoop Honnekeri, Gail Brager, Shivraj Dhaka, Jyotirmay Mathur. "Comfort and Adaptation in Mixed-Mode Buildings in a Hot-Dry Climate." Proceedings of 8th Windsor Conference: Counting the Cost of Comfort in a Changing World Cumberland Lodge. Windsor, UK, April 10-13, 2014.

11.9 COURSES AND ADMISSIONS

- (a) Undergraduate Programme
Academic Programmes leading to B. Tech. / B. Architecture Degree as noted below

S. No.	Branch	Intake capacity
1.	Architecture & Planning (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Science & Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Mechanical Engg. (4 years)	93
8.	Metallurgical Materials Engg. (4 years)	92
Total		710

- (b) Postgraduate Programmes
Academic Programmes leading to M. Tech. /M.B.A./M.Sc. Degree as noted below

S. No.	PROGRAMMES	General	OBC	SC	ST	OC-PWD	OB-PWD	SC-PWD	ST-PWD	Sponsored	Part Time	Intake
1.	Chemical Engineering	10	5	3	2	0	0	0	0	5	6	31
2.	Environmental Engg.	8	3	2	1	0	0	0	0	5	6	25
3.	Water Resources Engg.	8	3	2	1	1	0	0	0	5	6	26
4.	Structural Engg.	8	3	2	1	0	0	0	0	5	6	25
5.	Power Systems	10	5	3	2	0	0	0	1	5	6	32
6.	Transportation Engg.	8	3	2	1	0	0	0	0	5	6	25
7.	Industrial Engg.	10	5	3	2	0	0	1	0	5	6	32
8.	Metallurgical & Materials Engg.	10	5	3	2	1	0	0	0	5	6	32
9.	Electronics & Comm. Engg.	10	5	3	2	0	0	0	0	5	6	31
10.	VLSI Design	10	5	3	2	0	0	0	0	5	6	31
11.	Thermal Engineering	8	4	2	1	1	0	0	0	1	1	18
12.	Computer Engineering	10	5	3	2	0	0	0	0	5	6	31
13.	Disaster Assessment and Mitigation	8	3	2	1	0	0	0	0	5	6	25
14.	Renewable Energy	10	5	3	2	0	0	0	0	5	6	31
15.	Production Engg.	8	3	2	1	0	1	0	0	0	0	15

16.	Design Engg.	8	3	2	1	0	1	0	0	0	0	15
17.	Steel Technology	8	3	2	1	1	0	0	0	5	6	26
18.	Urban Planning	10	5	3	2	1	0	0	0	5	6	32
19.	Wireless & Optical Communication	10	5	3	2	0	1	0	0	0	0	21
20.	Embedded System	10	5	3	2	0	0	1	0	0	0	21
	Total	182	83	51	31	5	3	2	1	76	91	525

(a) Undergraduate Programmes

The allocation of 710 seats for students from Rajasthan & other than Rajasthan states are as follows

Malaviya National Institute of Technology Jaipur											
	Degree	Branch	OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	Total
All India CAI	B.Arch.	Architecture	15	1	5	0	2	0	8	0	31
	B.Tech.	Civil Engg.	23	0	7	0	3	1	12	0	46
	B.Tech.	Chemical Engg.	23	0	6	1	4	0	12	0	46
	B.Tech.	Computer Science & Engg.	23	1	7	0	3	0	12	1	47
	B.Tech.	Electrical Engg.	22	1	7	0	4	0	13	0	47
	B.Tech.	Electronics & Communication Engg.	23	0	7	0	3	0	12	1	46
	B.Tech.	Mechanical Engg.	22	1	6	1	4	0	12	0	46
	B.Tech.	Metallurgical & Materials Engg.	22	1	7	0	3	0	13	0	46
		TOTAL (A)		173	5	52	2	26	1	94	2
Home State (HS)	B.Arch.	Architecture	15	0	4	0	2	1	9	0	31
	B.Tech.	Civil Engg.	22	1	7	0	3	0	12	1	46
	B.Tech.	Chemical Engg.	22	1	7	0	3	0	13	0	46
	B.Tech.	Computer Science & Engg.	22	1	7	0	4	0	12	0	46
	B.Tech.	Electrical Engg.	23	0	6	1	3	0	12	1	46
	B.Tech.	Electronics & Communication Engg.	23	1	7	0	4	0	12	0	47
	B.Tech.	Mechanical Engg.	23	0	7	0	3	1	13	1	47
	B.Tech.	Metallurgical & Materials Engg.	22	1	6	1	4	0	12	0	46
	TOTAL (B)		172	5	51	2	26	1	95	3	355
	GRAND TOTAL (A+B)		345	10	103	4	52	2	189	5	710

COURSE WISE ADMISSION STATISTICS-UG/PG PROGRAMMES

(a) Students admitted to Undergraduate B. Tech./B.Arch. programmes through CSAB during the session 2014-15

S. No.	Branch	SC	ST	OBC	GC	Total
1.	Architecture & Planning	9	4	16	30	59
2.	Chemical Engg.	13	7	26	44	90
3.	Civil Engg.	14	6	25	46	91
4.	Computer Science & Engg.	14	7	25	47	93
5.	Electronics & Communication Engg.	14	7	26	47	94
6.	Electrical Engg.	14	7	26	46	93
7.	Mechanical Engg.	14	7	26	46	93
8.	Metallurgical & Materials Engg.	12	7	26	43	88
	TOTAL	104	52	196	349	701

(b) Students admitted to Postgraduate Programmes during the session 2014-15 in M.Tech. / M.Plan. /M.Sc. / M.B.A. programmes

S. No.	PROGRAMMES	General	ST	SC	OBC	Sponsored	Part Time	Total
1.	Chemical Engineering	10	0	3	4	0	0	17
2.	Environmental Engg.	9	1	2	3	1	1	17
3.	Water Resources Engg.	7	1	0	3	1	0	12
4.	Structural Engg.	8	1	3	4	2	4	22
5.	Power Systems	9	2	3	6	3	1	24
6.	Transportation Engg.	6	1	2	4	0	3	16
7.	Industrial Engg.	9	2	3	6	1	2	23
8.	Metallurgical & Materials Engg.	7	2	2	7	1	0	19
9.	Electronics & Comm. Engg.	9	1	3	6	8	0	27
10.	VLSI Design	10	2	3	5	8	1	29
11.	Thermal Engineering	8	1	3	5	0	0	17
12.	Computer Engineering	10	2	3	5	6	1	27
13.	Disaster Assessment and Mitigation	5	1	2	3	0	0	11
14.	Renewable Energy	8	2	2	5	0	0	17
15.	Production Engg.	7	1	2	4	0	0	14
16.	Design Engg.	7	1	2	4	0	0	14
17.	Steel Technology	0	0	2	2	0	0	4

18.	Urban Planning	8	0	3	5	0	1	17
19.	Embedded System	9	2	3	6	0	0	20
20.	Wireless & Optical Communication	10	2	3	7	0	0	22
	TOTAL	156	25	49	94	31	14	369
M.								
Sc.								
21.	M. Sc. Physics	9	2	3	5	0	0	19
22.	M. Sc. Chemistry	9	1	5	3	0	0	18
23.	M. Sc. Mathematics	3	1	3	5	0	0	12
	TOTAL	21	4	11	13	0	0	49
M.B.A								
24.	M.B.A.	22	1	9	7	0	0	39
	Grand Total	M. Tech/M. Plan/M. Sc./MBA						457

Course-Wise Enrolment of undergraduate B.Tech. / B. Arch. Programme through CSAB, DASA, ICCR and MEA during the session 2014-15

Programme	Branch	2010-2011	2011-2012	2012-2013	2013-2014	2014-2015	Total
		1 st Year	2 nd Year	3 rd Year	4 th Year	5 th Year	
B.Arch.	Architecture & Planning	62	61	66	58	62	309
B.Tech.	Civil Engg.	94	94	101	92	0	381
	Chemical Engg.	93	94	93	93	0	373
	Computer Science & Engg.	103	112	110	97	0	422
	Electrical Engg.	97	94	96	90	0	377
	Electronics & Communication Engg.	105	101	102	96	0	404
	Information Technology	0	0	0	88	0	88
	Mechanical Engg.	104	113	109	112	0	438
	Metallurgical & Materials Engg.	88	85	92	86	0	351
		746	754	769	812	62	3143

Ph.D. Programmes 2014-15 (July 2014)

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Centre for Energy & Environment	2	0
2.	Chemical Engineering	6	0
3.	Chemistry	4	0
4.	Civil Engg.	6	7
5.	Computer Science & Engineering	1	1
6.	Electrical Engg.	3	0
7.	Electronics & Comm. Engg.	12	0
8.	Management Studies	2	2
9.	Architecture & Planning	1	0
10.	Mechanical Engg.	5	5
11.	Metallurgical & Materials Engg.	5	0
12.	Physics	4	0
Grand Total		51	15

Ph.D. Programmes 2014-15 (January 2015)

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Centre for Energy & Environment	0	1
2.	Chemical Engineering	2	1
3.	Chemistry	0	2
4.	Civil Engg.	4	0
5.	Computer Engineering	8	2
6.	Electrical Engg.	9	0
7.	Electronics & Comm. Engg.	5	1
8.	Humanities & Social Sc.	2	0
9.	Mechanical Engg.	4	0
10.	Metallurgical & Materials Engg.	8	0
11.	Physics	1	1
Grand Total		43	8



UG SCHOLARSHIP AND AWARDS (2014-15)

S.No	Name of Scholarship	Address	Amount	Conditions
1	Central Sector Scholarship Scheme of Top Class Education for Schedule Caste (SC) students	Ministry of social justice and Empowerment, govt. of India New Delhi	All non refundable fess, Lodging & boarding charges, stationery and latest Computer	Central Sector Scholarship Scheme of Top Class Education for 12 Schedule Caste (SC) students
2	Central Sector Scholarship Scheme of Top Class Education for Schedule Tribe (ST) Students	Ministry of Tribal affairs(Education section) Govt. of India, New Delhi.	All non refundable fess, Lodging &boarding charges, stationery and latest Computer	Central Sector Scholarship Scheme of Top Class Education for 5 Schedule Tribe (ST) Students.
3	National Handicapped Finance and Development Corporation(Ministry of social Justice &Empowerment, Govt. of India)	National Handicapped Finance and Development Corporation(Ministry of social Justice &Empowerment, Govt. of India) Red Cross Bhawan, Sector-12 Faridabad-121007	(I) Trust Fund (II) National Fund	Differently-abled Students
4	Govt. of India Ministry of Steel Udyog Bhawan New Delhi-110011	Secretary SDF Managing Committee Ispat Niketan 52/1A Ballygunge Circular Road Kolkata-700019	Rs. 4000/- P.M.	Career in Ferrous metallurgy
5	Merit Cum Means based scholarship scheme belonging to the minority communities	Ministry of minority Affairs, Govt. of India CGO Complex Lodhi Road ,New Delhi	Fees etc.	Minorities scholarship scheme belonging to the minorities communities
6	National Talent Search Scholarship (NCERT)	National council of education research and training, Sri Aurobindo marg,New Delhi	Rs.-6000/-P.A	National Talent Student
7	AIEEE (JEE) Merit Scholarship	Central Seat Allocation Board (JEE-MAIN)	Full Tuition Fee for course period	All India Rank upto-2000
8	NTPC Ltd. (A Govt. of India Enterprises)	NTPC Limited , NTPC Bhawan, Scope Complex Core-7, Institutional area, Lodi Road,New Delhi-110003	Rs. 1500/- P.M.	For SC/ST/PC Students
9	O.N.G.C. Dehradun for SC/ST	General Manager ONGC, Tel Bhavan Dehradun 248003	Rs. 12000/-	Merit ONGC finalizes the merit

10	O.N.G.C Scholarship	Oil and Natural Gas Corporation Limited ONGC Academy, KDMIPE campus, Dehra Dun-248195 , India	Rs.60000/- each	(1) Chemical Engg. (2) Mechanical Engg.
11	Indian Oil Scholarship (IOCL)	ACE CONSULTANTS B-13, DSIDC Complex,Patparganj Industrial Area, Delhi- 110092	Rs.-3000/-P.M	All Category
12	Swami Sivananda memorial Scholarship	Divine Life Socity, Shivanandanagar, Distt.- Tehri- Garhwal, Uttarkhand, Himalayas (India) -249192	Rs.12,00,000/- Corpus Fund	Need cum merit basis (One each I, II, III, IV years students Rs 24000/-)
13	Ram And Shanti Bhargava Memorial Award	Dr. Vijay Bhargava Dept.of Electrical and Computer Engg. University of Victoria P.O. Box 3055 STN, CSC, Victoria BC 3P6, Canada	Corpus Fund Rs. 200000/-	Merit cum means for Final Electronics students
14	Raj & Sarla Bhargava Scholarship	Canada	Gold Medal	Best Student of the Institute
15	Prof. S. K. Gupta Gold Medal	Alumni of MNITJ Mechanical branch Passed in 1994	Gold Medal	One of the pass out student of B. Tech. (Mechanical Engineering) every year.
16	O P Jindal Engineering & Management Scholars	Jindal center, 12 Bhikaji Cama Place, New Delhi- 110066	Rs. 65000/- P. A.	2 Toppers from each Batch (Civil, Elect., Mech., Metallurgy Engineering)
17	Foundation for Academic Excellence & Access (FAEA)	C-25 Qutab Institutional Area, New Delhi-110016	Tuition fee, hostel, books, Miscellaneous and other Maintenance Allow. Etc.	Student belonging to BPL Category, SC/ST Community.
18	Rural Electrification Corporation Power Distribution Company Limited (RECPDCL) Meriti Scholarship	Core-4, SCOPE Complex, 7 Lodhi Road, New Delhi- 110003, Phone (011) 24365165	Rs. 24000/- P.A. from 2nd year	Uttar Pradesh , Rajasthan, Jammu & Kashmir, Bihar, Jharkhand, Odisha, Madhya Pradesh,Chhattisgarh, Andhra Pradesh, Arunachal Pradesh, Assam, Meghalaya and the students with their state of domicile of the above states.

19	Ratan Kanwan Lal Patni Foundation Scholarship	377-B, 2nd, Floor J,S.S. Road, Chira Bazar, Mumbai -400002 C/o R.K. Marbel Pvt. Ltd, Markarana Road, Madanganj Kishangarh Pin-305801 Dist. Ajmer (Raj.)	Rs. 40000/- P.A.	For all Rajasthan students
20	A.B.V.M. Agrawal Jatiyakosh Mumbai	A.B.V.M. Agrawal Jatiyakosh Mumbai-227 Kalbadevi Road, Mumbai- 400002	Rs. 4000/- P.A.	For Agrawal Samaj
21	Ambassador Scholarship	Education wing Ambbasy of India, Bhutan	Rs. 20000/- P.A.	DASA students of Bhutan
22	Mukhya Mantri sarvajan Uchcha Shiksha Chhatravriti Yojana 2014-15	Social Justice and Empowerment Department G3/1 Ambedkar Bhawan, Civil Lines Railway Crossing Govt. of Rajasthan	50% of course fee except development charges	All Rajasthan bonafied NIT students whose parental income is less than Rs. 5 lakh
23	Center Sector Scholarship for College and University student By MHRD	online application	Rs. 10000 P.A.	Merit holder in Board

Various State level Scholarships for Post Merit Students / SC/ ST/ OBC/SBC/PH ETC.
For the Year 2014-15

S. No.	Respective State-Govt.	Board of Higher Education/Board of Higher Secondary/Technical Education/State Govt./Central Govt. Etc.
1	Bihar	Post Metric Scholarship,
2	Jharkhand	Post Metric Scholarship
3	Orissa	Post Metric Scholarship
4	Gujarat	Post Metric Scholarship, Chief Minister Scholarship, Gujarat
5	Uttarakhand	Post Metric Scholarship
6	Maharashtra	Post Metric Scholarship / National and State Merit Scholarship
7	M. P.	Post Metric Scholarship, Bhopal, etc./ National Scholarship M.P.
8	Goa	Post Metric Scholarship
9	West Bengal	Post Metric Scholarship, Kolkata
10	U. P.	Post Metric Scholarship Lucknow
11	Manipur	Post Metric Scholarship Imphal
12	Punjab	Post Metric Scholarship
13	J & K	Post Metric Scholarship
14	Andman Nicobar	Post Metric Scholarship
15	Kerala	Post Metric Scholarship Thiruvananthapuram
16	Tripura	Post Metric Scholarship / State Merit Agartella
17	Andhra Pradesh	Post Metric Scholarship Hyderabad

18	Assam	Post Metric Scholarship/ Technical Engineering Merit Scholarship Khilapara, Guwhati
19	Tamilnadu	Post Metric Scholarship / Adi Dravidar Tribal Welfare (Chennai)
20	Haryana	Post Metric Scholarship
21	Nagaland	Post Metric Scholarship Kohima
22	Karnataka	Post Metric Scholarship Karnataka
23	Himachal Pradesh	Post Metric Scholarship /Brilliance Merit
24	NCT Of New Delhi	Merit Scholarship, Dept. For the Welfare of SC/ST/OBC/MIN.
25	Meghalaya	State Merit Scholarship /North Eastern Council plan Shillong
26	Chattisgarh	Technical Education Scholarship Raipur
27	Govt. of Rajasthan	Post Metric Scholarship Dy. Director Social Welfare Dept. SC/ST/OBC/SBC
28	Govt. of Rajasthan	Physical Handicapped scholarship Social Welfare Dept.
29	Rajasthan Board	Board of Secondary Education, Rajasthan Ajmer and CBSE
30	CBSE Board	All CBSE Board Scholarship
31	Telangana	Post Metric Scholarship

POSTGRADUATE SCHOLARSHIP AND AWARDS (2014-15)

For P.G. Scholars

S.No.	Name of Scholarship	Address	Amount	Conditions
1.	Government of India (MHRD) New Delhi	MHRD New Delhi	Rs. 8000/- PM	For M. Tech. (GATE Qualified Candidates)
2.	Scholarship to sponsored candidates QIP (Poly) Scheme scholarship from AICTE New Delhi	Advisor All Indian Council for Technical Education Sports Complex IP Estate New Delhi- 110002	Rs. 4000/- PM + contingency Rs. 5000/- PA	For M. Tech.

For Ph.D. Scholars

S.No.	Name of Scholarship	Address	Amount	Conditions
1.	CSIR-UGC Fellowship	CSIR Complex PUSA New Delhi	JRF/SRF/RA+HRA	For Ph.D.
2.	Institute Fellowship JRF/SRF	Institute	Rs. 18000/- (*revised Rs. 25000/-) for first two years and Rs. 20000/- (*revised Rs. 28000/-) for next two years (* from 01/01/2015)	For Ph.D.
3.	Scholarship to Sponsored Candidates QIP (Poly) Scheme Scholarship from AICTE New Delhi	Advisor All India Council of Technical Education Ports Complex IP Estate New Delhi - 110002	Rs. 9000/- PM + Contingency Rs. 10000/- PA	For Ph.D.
4.	TEQIP	TEQIP-II	Rs. 18000/- for first two years and Rs. 20000/- for next two years	For Ph.D.

11.11 TRAINING AND PLACEMENT STATISTICS

Salient Features of Placement Session 2014-15

- Highest Pay Package – Rs. 21 LPA to 6 B.Tech. Students of Computer Engineering and Information Technology.
- Numbers of Companies Visited – 160.
- Number of Offers given to Students - 748 (661 B.Tech , 87 P.G. Courses)
- Number of Students who have been given Pre Placement Offers (PPOs) – 5
- Average Package of Placed Students (B.Tech)– 5.02 LPA
- 2 Offers were given directly to two toppers of B.Tech.(Electronics Branch) Students.
- Companies visited campus for Internship is: Texas Instruments, Freescale, Saint Gobain, L&T Construction, Zigsaw Consultancy.

Major Companies amongst 110 companies were:

- Bajaj Auto, Amazon, D. E. Shaw, Futures First, Expedia, Oracle Finance, Oracle Primavera, Oracle Systems, Maruti, C-Dot, Verizon, Analytics Quotient, Cvent, Hindalco, Mu-Sigma, Paytm, Shopclues, Asian Paints, Wooqer, Kronos, Expedia, Applied Materials, Yodlee, Free Scale, Indian Army, Indian Navy, Voylla, Drishti Software, SAP Labs, Samsung Engineering, Aspiring Minds, Unisys, 3Dplm, Hero Moto, Fiat, Infosys, IBM, Polaris, Sony, TCE, Tata Motors, Pratham Software, Reliance Industries, Reliance Jio, Saint Gobin, ACC, Mahindra & Mahindra, JSW, Tata Power, Greaves-Cotton, Lafarge, Promac, Droom, DRDO, EXL Services, Jindal Stainless Steel, DCM Shriram, Honda Cars, HP, Snapdeal, Havells, Bridge & Roof, Ericsson ,Q3 Technologies, Vodafone, Brahmos, Axis Bank, Bhushan Steels, Parker Hannifin, Adani Power, CoCubes, Amdocs, BPCL, Oriental Consultants, Uttam Galva, RIEL Jaipur, HM EL, Rajasthan Patrika.

Educational Organizations:

- Infinite Education, Vibrant Academy, ITM University, JECRC, Gyan Vihar University, Meccademia Education.

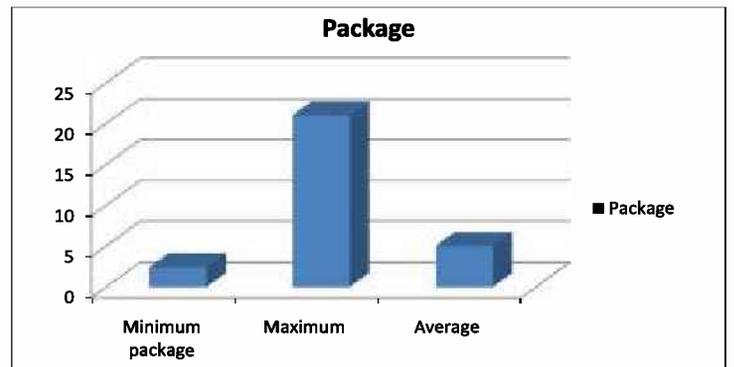
Branch Wise Placement:

Branch Wise Placement Stats	No of Offers
Civil	51
Chemical	78
Computer	89
I T	82
Electronics	103
Electrical	91
Metallurgy	68
Mechanical	99
P.G. Courses	87
Total	748



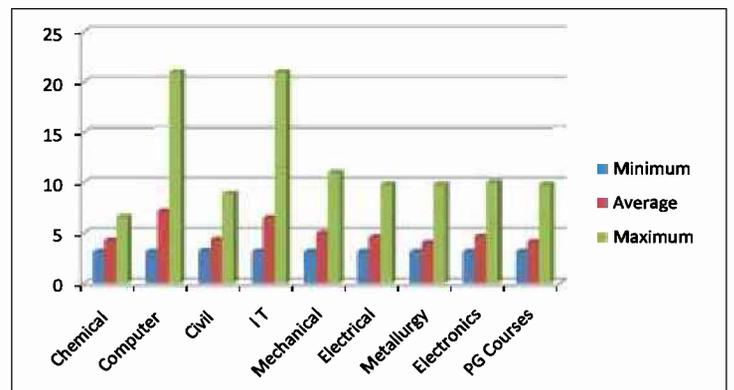
Package Offered

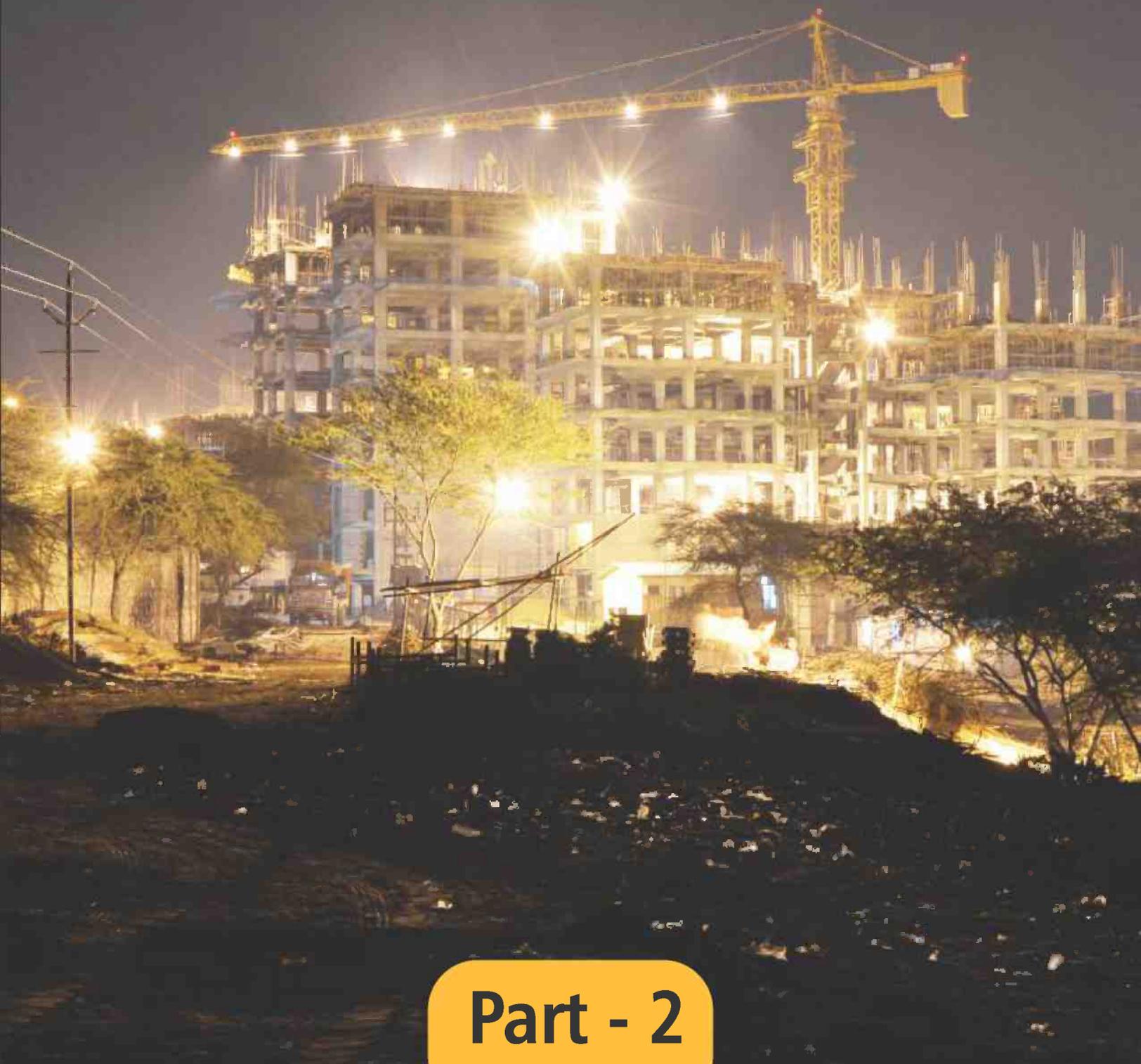
Package	
Minimum package	2.4
Maximum	21
Average	5.02



Branch Wise Average Package:

Branch	Minimum	Average	Maximum
Chemical	3.15	4.27	6.6
Computer	3.15	7.16	21
Civil	3.25	4.35	8.9
I T	3.15	6.5	21
Mechanical	3.15	4.98	11
Electrical	3.15	4.6	9.8
Metallurgy	3.15	4	9.8
Electronics	3.15	4.67	10
PG Courses	3.15	4.11	9.8





Part - 2

ANNUAL ACCOUNTS



संख्या / No.....

भारतीय लेखा तथा लेखापरीक्षा विभाग
कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय)
शाखा कार्यालय राजस्थान, जनपथ, जयपुर-302 005

INDIAN AUDIT AND ACCOUNTS DEPARTMENT
Office of the Principal Director of Audit (Central)
Branch office Rajasthan, Janpath, Jaipur-302 005

To,
The Secretary,
Government of India,
Ministry of Human Resources Development,
Department of Secondary & Higher Education,
New Delhi-110001

दिनांक / Date 20-10-2015

Sub.: Separate Audit Report on the accounts of Malaviya National Institute of Technology, Jaipur for the year 2014-15.

Sir,

Please find enclosed the Separate Audit Report on the accounts of Malaviya National Institute of Technology, Jaipur for the year 2014-15 along with copy of Annual Accounts.

2. The Audited accounts and Separate Audit Report required to be placed before the AGM of the Apex Governing Body of the Institute for consideration and adoption and resolutions passed thereon before these are sent by the Ministry for being placed before parliament.

3. The dates of presentation of Audited Accounts and Separate Audit Report before the Parliament may please be intimated. Five sets of printed documents (Audit Report, Annual Report & Audited Accounts) may also please be sent to this office.

4. Hindi version of the Separate Audit Report will be issued shortly.

5. Kindly acknowledge receipt of the documents.

Encl.: As above

Yours sincerely,
Sd/-
Deputy Director
Central Receipt Audit-II

No. CRA-II (Exp.)/SAR/MNIT/2014-15/D-1443

Dated :

Copy of the Separate Audit Report and Audited Accounts forwarded to **Shri I.K. Bhat, Director, Malaviya National Institute of Technology, JLN Marg, Jaipur – 302017 (Rajasthan)** with the remarks to ensure that Audited Accounts and Separate Audit Report is adopted/considered in the AGM of Institute's Apex Governing Body and resolution adopted/considered on the Audited Accounts and report thereon may be furnished to this office.

Encl : As above

Deputy Director
Central Receipt Audit-II

Mahalekhakar Bhawan, Janpath, Jaipur-302005
Phone / फोन : 0141-2385431-39
E-mail : brpdacahmedabad@cag.gov.in

महालेखाकार भवन, जनपथ, जयपुर – 302005
Fax / फ़ैक्स : 0141-2385038

Separate Audit Report of the Comptroller & Auditor General of India on the Accounts of Malaviya National Institute of Technology (MNIT), Jaipur for the year ended 31 March 2015

We have audited the attached Balance Sheet of the Malaviya National Institute of Technology (MNIT), Jaipur as at 31 March 2015, the Income and Expenditure Account and the Receipts and Payments Account for year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act 1971 read with Section 22(2) of the National Institute of Technology Act, 2007. These financial statements are the responsibility of MNIT's management. Our responsibility is to express an opinion on these financial statements based on our audit.

2. This Separate Audit Report contains the comments of the Comptroller & Auditor General of India (CAG) on the accounting treatment only with regard to classification, conformity with the best accounting practices, accounting standards, disclosure norms, etc. Audit observation on financial transactions with regard to compliance with the Law, Rules & Regulations (Propriety and Regularity) and efficiency-cum-performance aspects, etc., if any, are reported through Inspection Reports/CAG's Audit Reports separately.
3. We have conducted our audit in accordance with the auditing standards generally accepted in India. These standards require that we plan and perform the audit to obtain reasonable assurance about whether the financial statements are free from material misstatements. An audit includes examining, on a test basis, evidences supporting the amounts and disclosure in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall presentation of financial statements. We believe that our audit provides a reasonable basis for our opinion.
4. Based on our audit, we report that:
 - i. We have obtained all the information and explanations, which to the best of our knowledge and belief were necessary for the purpose of our audit.
 - ii. The Balance Sheet, Income & Expenditure Account and Receipts & Payments Account, dealt with by this report have been drawn up in the format approved by

Ministry of Human Resources Development, Government of India vide order No. 29-4/2012-FD dated 17 April 2015.

- iii. In our opinion, proper books of accounts and other relevant records have been maintained by the Institute in so far as it appears from our examination of such books.
- iv. We further report that:

Comments on Accounts

A Balance Sheet

A.1 Assets

A.1 (i) Fixed Assets (Schedule 4) ₹ 29823.19 Lakh

This does not include cost of EMC and VMware cloud solution equipments purchased in 2014-15 for which 100 percent advance of ₹ 269.75 lakh was paid from plan grant. This plant and machinery was installed and commissioned w.e.f. 1.10.2014 but the institute did not include the same in fixed assets.

This resulted in understatement of Fixed Assets to the extent of ₹ 256.26 lakh, understatement of Deficit (depreciation) to the extent of ₹ 13.49 lakh and overstatement of Loans, Advances & Deposits by ₹ 269.75 lakh.

A.1 (ii) Loans, Advances & Deposits (schedule 8) ₹ 5384.64 lakh.

- (i) This includes ₹ (-) 131.62 lakh payable to Centre for Building Energy and Research & Development (CBERD) incorrectly shown under this head instead of Current Liabilities and Provisions.
- (ii) An-amount of ₹ 131.62 lakh due to CBERD was paid on 31.03.2015; however the Institute did not account for the transaction of payment in the books of accounts.

This resulted in overstatement of Current Assets to the extent of ₹ 131.62 Lakh and understatement of Loans, Advances & Deposits by the same amount.

B. Income & Expenditure Account

B.1.1. Depreciation (Schedule 4) ₹ 773.86 Lakh

The Institute booked subscription of “e” Journals in Library Books and Scientific Journals instead of head “e” Journals provided separately in new format of accounts. Due to this error depreciation was charged at rate of 10% instead of 40%.

This resulted in understatement of deficit to the extent of ₹ 10.40 lakh and overstatement of Fixed Assets to the same extent.

B.1.2. Academic Expenses ₹ 706.54 lakh (Schedule - 16)

Institute paid M. Tech/M. Plan scholarship amounting to ₹ 28.93 lakh during the year 2014-15 but the same was not accounted for in the accounts. This has resulted into understatement of Academic Expenses and overstatement of Current Assets by ₹ 28.93 lakh each.

C. General

(i) Institute has revised the depreciation method from written down method to straight line method. However, it has not followed the provisions of Accounting Standard- 6 'Depreciation Accounting' while calculating the depreciation on revised method.

(ii) The institute did not reconcile balance of ICICI Bank account No 676801105615. Balance as per Books of Accounts of Institute as on 31.03.2015 was ₹ 1082.77 lakh and balance as per Bank Account was ₹ 1628.71 lakh. Thus difference of ₹ 545.94 lakh was not reconciled.

(iii) The institute did not account for consultancy charges ₹ 1.24 lakh in the year 2012- 13. This has resulted in understatement of Current Liabilities to the extent of ₹ 1.24 lakh as well as Current Assets.

(iv) The Institute paid ₹ 35.94 lakh in 2014-15 against various dues from ICICI Bank account No 0011. Correct head of payment could not be verified in audit for want of proper heads and details.

D. Grant-in-aid

During the year 2014-15 the MNIT received grant-in-aid of ₹ 132.00 crore (Plan ₹ 100.00 crore and Non-Plan ₹ 32.00 crore) from Government of India. Balance of unspent grant of ₹ 6.43 crore (Plan ₹ 3.85 crore Non-Plan ₹ 4.74 crore, PHE grants ₹ (-) 0.87 crore, QIP Poly grant ₹ (-) 0.47 crore, Govt. of Rajasthan: Non Plan recurring grants ₹ (-) 0.47 crore, Govt. of Rajasthan: Plan recurring grants ₹ (-) 0.0010 crore, Govt. of Rajasthan: Plan grants ₹ (-) 0.04 crore and Nodal Centre grants ₹ (-) 0.31 crore) was available in the beginning of the year. The institute could utilized a sum of ₹ 161.83 crore (Plan ₹ 125.30 crore, Non-Plan ₹ 36.25 crore, PHE grants ₹ 0.20 crore, QIP Poly grant ₹ 0.01 crore and Nodal

centre ₹ 0.07 crore), leaving a balance of ₹ (-) 23.40 crore receivable to the institute as on 31st March 2015.

E. Net effect of audit comments on accounts

The net impact of comments given in preceding paras is that as on 31st March 2015 Assets were overstated by ₹ 52.82 lakh and deficit was understated by ₹ 52.82 lakh.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Account dealt with by this report are in agreement with the books of accounts.
- vi. In our opinion and to the best of our information and according to the explanations given to us, the said financial statements read together with the Accounting Policies and Notes on Accounts, and subject to the significant matters, stated above and other matters mentioned in Annexure to this Separate Audit Report give a true and fair view in conformity with accounting principles generally accepted in India.
- a. In so far as it relates to the Balance Sheet, of the state of affairs of the Malaviya National Institute of Technology, Jaipur as at 31 March 2015, and
- b. In so far as it relates to Income & Expenditure Account of the deficit for the year ended on that date.

For and on behalf of the C & A G of India

Place: Ahmedabad

Date: 19/10/2015

**Principal Director of Audit (Central)
Ahmedabad**

Annexure to Separate Audit Report on the accounts of MNIT, Jaipur for the year 2014-15

1. Adequacy of Internal Audit System:

No internal audit was conducted except internal audit of library which was conducted upto 2013-14.

2. Adequacy of Internal Control System:

The internal control system was adequate as per the size of the institute, however following deficiencies were observed.

- (i) No accounting manual has been prepared and accounts head were not coded.
- (ii) 26 creditors for goods and services amounting to ₹ 157.13 lakh were lying pending from one year to five year. There is a possibility that the goods or services were provided but the balances were pending for settlement.

3. System of Physical verification of fixed assets:

Fixed Assets Register was not furnished to Audit. Physical verification of assets was not conducted after the Financial year 2007-08.

4. System of Physical verification of inventory:

Physical verification of stores was not conducted after the Financial year 2009-10.

5. Regularity in payment of statutory dues:

Statutory dues of ₹ 146216 were pending on account of Group State Life Insurance Scheme (GSLIS), Pension, PF deposit and Royalty.



Sr. Audit Officer/CRA-II (Exp.)

Statement of Net Effect of Audit

(₹ In lakh)

Comments	Liabilities		Assets		Deficits	
	Overstated	Understated	Overstated	Understated	Overstated	Understated
A.1 (i)	--	--	269.75	256.26	-	13.49
A.1.(ii)	--	--	131.62	131.62	-	--
B.1.1	--	--	10.40	--	--	10.40
B.1.2	--	--	28.93	--	--	28.93
	--	--	440.70	387.88	--	52.82

Overstated 52.82

Understated 52.82

Liabilities Overstated / Understated	Nil
Assets Overstated	52.82
Deficit Understated	52.82



Sr. Audit Officer/CRA-II (Exp.)

BALANCE SHEET

Receipt & Payment Account
and
Income & Expenditure Account
for the year ended
31st March, 2015



Malaviya National Institute of Technology Jaipur
J.L.N. Marg, Jaipur – 302017

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2014 – 15

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Balance Sheet 2014 - 15

BALANCE SHEET AS ON 31st MARCH 2015

Amount in Lakhs

SOURCES OF FUNDS	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	28,661.13	17,084.34
DESIGNATED/ EARMARKED / ENDOWMENT FUNDS	2	5346.56	4754.37
CURRENT LIABILITIES & PROVISIONS	3	9,107.50	9,489.25
TOTAL		43,115.19	31,327.96
APPLICATION OF FUNDS			
FIXED ASSETS	4	29,823.19	18,554.38
Tangible Assets		-	-
Intangible Assets		-	-
Capital Works-In-Progress		-	-
INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS	5	-	-
Long Term		-	-
Short Term		1,938.91	2,999.40
INVESTMENTS - OTHERS	6	-	-
CURRENT ASSETS	7	5,968.45	6,159.04
LOANS, ADVANCES & DEPOSITS	8	5,384.64	3,615.14
TOTAL		43,115.19	31,327.96

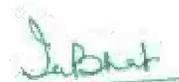
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Balance Sheet 2014 - 15

INCOME & EXPENDITURE ACCOUNT FOR THE YEAR ENDED ON 31st MARCH 2015

Amount in Lakhs

Particulars	Schedule	Current Year	Previous Year
INCOME			
Academic Receipts	9	1,965.03	2,284.05
Grants / Subsidies	10	4,284.13	4,266.20
Income from investments	11		
Interest earned	12	310.86	546.33
Other Income	13	725.09	325.00
Prior Period Income	14		
TOTAL (A)		7,285.11	7,421.58
EXPENDITURE			
Staff Payments & Benefits (Establishment expenses)	15	5,873.68	5,250.51
Academic Expenses	16	706.54	648.86
Administrative and General Expenses	17	862.60	823.51
Transportation Expenses	18	0.83	6.69
Repairs & Maintenance	19	171.50	382.73
Finance costs	20	-	-
Depreciation	4	773.86	1,152.57
Other Expenses	21	-	-
Prior Period Expenses	22	-9.52	-
TOTAL (B)		8,379.49	8,264.87
Balance being excess of Income over Expenditure (A-B)		-1,094.38	-843.29
Transfer to / from Designated Fund		-	-
Building fund		-	-
Others (specify)		-	-
Balance Being Surplus / (Deficit) Carried to Capital Fund		-1,094.38	-843.29

Significant Accounting Policies 23

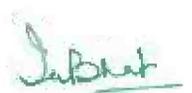
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Balance Sheet 2014 - 15

SCHEDULE - 1 CORPUS/CAPITAL FUND

Particulars	Amount in Rupees	
	Current Year	Previous Year
Balance at the beginning of the year	1,708,434,361.83	1,039,614,566.28
Add: Contributions towards Corpus/Capital Fund	65,584,009.56	48,445,293.52
Add: Grants from Government of India and State Government to the extent utilized for capital expenditure	1,201,533,563.83	704,703,441.03
Add: Assets Purchased out of Earmarked Funds	-	-
Add: Assets Purchased out of Sponsored Projects, where ownership vests in the institution	-	-
Add: Assets Donated/Gifts Received	-	-
Add: Other Additions	-	-
Add: Excess of Income over expenditure transferred from the Income & Expenditure Account	-109,438,757.18	-84,328,939.00
Total	2,866,113,178.04	1,708,434,361.83
(Deduct) Deficit transferred from the Income & expenditure Account		-
Balance at the year end	2,866,113,178.04	1,708,434,361.83



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SCHEDULE 2 - DESIGNATED/ EARMARKED / ENDOWMENT FUNDS

Amount in Rupees

Particulars	Total													
	Pension Deposit	Research Development Fund	New PG Course Fringed	Special Training Programme for SC/ST Students	Student Fund Endowment / Earmarked Fund	Staff Development Fund	Maintenance Fund	Depreciation Fund	Institute Infrastructure fund	Other Earmarked Fund	Endowment Funds	Guest House	Current Year	Previous Year
A.														
a) Opening balance	9379.00	12078379.75	205297.25	2993319.00	382668122.92	52733908.43	9993630.44	9993630.47	119048.89	4858859.61	0.00	-216789.39	475436786.37	
b) Additions during the year			0.00	0.00		3728253.00	3728253.00	3728253.00	0.00	5215246.00	0.00	649638.00	17049643.00	
c) Income from investments made of the funds	816.00	5914211.50	0.00	0.00	28976631.79	28927253.50	0.00	0.00	0.00	1683250.00	0.00	0.00	65502162.79	
d) Accrued Interest on investments/Advances	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
e) Interest on Savings Bank a/c	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	23000.00	23000.00	
f) Other income	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	5939755.00	5939755.00	
Total (A)	10195.00	17992591.25	205297.25	2993319.00	411644754.71	85389414.93	13721883.44	13721883.47	119048.89	11757355.61	0.00	6395603.61	563951347.16	
B.														
Utilisation/Expenditure towards objectives of funds	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ii) Capital Expenditure	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ii) Revenue Expenditure	0.00	-432405	0.00	0.00	14634546	0.00	0.00	0.00	0.00	12428824	0.00	2664603	29295568.00	
Total (B)	0.00	-432405.00	0.00	0.00	14634546.00	0.00	0.00	0.00	0.00	12428824.00	0.00	2664603.00	29295568.00	
Closing balance at the year end (A - B)	10195.00	18424996.25	205297.25	2993319.00	397010208.71	85389414.93	13721883.44	13721883.47	119048.89	-671468.39	0.00	3731000.61	534655779.16	475436786.37

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Balance Sheet 2014 - 15

SCHEDULE 3 - CURRENT LIABILITIES & PROVISIONS

Amount in Rupees

Particular	Current Year	Previous Year
A. CURRENT LIABILITIES		
1. Deposits from staff	52,725.00	51,100.00
2. Deposits from students	50,616,792.00	45,189,075.00
3. Sundry Creditors		
a) For Goods & Services	165,479,839.90	98,261,788.90
b) Others	-	-
4. Deposit-Others (including EMD, Security Deposit)	66,120,822.42	61,168,486.42
5. Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS):		
a) Overdue	-	-
b) Others	8,407,213.36	2,336,546.95
6. Other Current Liabilities		
a) Salaries	37,242,070.89	40,772,262.95
b) Receipts against sponsored projects	140,563,009.78	116,090,294.65
c) Receipts against sponsored fellowships & scholarships	478,827.50	478,827.50
d) Unutilised Grants	-234,006,801.79	64,328,287.85
e) Grants in advance	-	-
f) Other funds	-	-
g) Other liabilities	310,953,963.07	181,039,982.17
Total (A)	545,908,462.13	609,716,652.39
B. PROVISIONS		
Gratuity Actuarial Liabilities	184,218,145.00	175,823,540.00
Leave Encashment Actuarial Liabilities	179,250,145.00	163,263,018.00
Provision For Audit Fees	1,176,940.00	121,590.00
Leave Salary Contribution Provision	82,663.00	-
Prov For Pension Contribution	113,933.00	-
Total (B)	364,841,826.00	339,208,148.00
Total (A + B)	910,750,288.13	948,924,800.39

Note: Unutilized grants 6 (d) will include grants received in advance for next year.



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Balance Sheet 2014 - 15

SCHEDULE - 3 A 1 DEPOSIT FROM STAFF

Amount in Rupees

Particulars	Current Year	Previous Year
Security Deposit By Staff	37,500.00	36,000.00
Staff Club (Teching) (Deposit Head)	-670.00	100.00
Staff Club NTSA	895.00	-
Deposit From Staff (Consultancy)	15,000.00	15,000.00
Total	52,725.00	51,100.00

SCHEDULE- 3 A 2 DEPOSIT FROM STUDENT

Amount in Rupees

Particulars	Current Year	Previous Year
Security Deposit by Students	1,683,000.00	1,468,000.00
Caution Money	48,903,992.00	43,721,075.00
Student Fee Refundable	29,800.00	-
Total	50,616,792.00	45,189,075.00



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Balance Sheet 2014 - 15

SCHEDULE - 3 A 3 Sundry Creditors

(a) For Goods & Services

Amount in Rupees

Particulars	Current Year	Previous Year
DEPOSIT OF M/S ABHINAV ENTERPRISES	5,026,918.00	6,806,465.00
DEPOSIT OF M/S PRASHUTTOM AIRCON, JAIPUR	365,114.00	365,114.00
DEPOSIT OF MBA MANAGEMENT TECHNOLOGY	2,299,458.00	2,299,458.00
CPWD	7,892,878.00	7,892,878.00
LIBRARY PLAN	-600,000.00	-600,000.00
M/S ADITI BOOKS DISTRIBUTER JAIPUR	-	148,973.00
M/S AKASHDEEP PRODUCTION JAIPUR	-	84,424.00
M/S ALLIED INFORMATICS	5,021.00	355,129.00
M/S AMIT SALES	90,470.00	53,056.00
M/S ANSH TRADING CO.	261,465.00	63,165.00
M/S ASHISH BOOKS MARKETING SERVICES NEW DELHI	-	494,633.00
M/S ASIAN BOOK PVT LTD NEW DELHI	-	483,924.00
M/S ATLANTIC PUBLISHER AND DISTRIBUTER	-	413,094.00
M/S AYUSH ELECTRICALS	337,118.00	337,118.00
M/S BHAYA	200,000.00	200,000.00
M/S BOOKMEN ASSOCIATES, JAIPUR	-	52,443.00
M/S CAPITAL BOOKS PVT LTD NEW DELHI	-	231,683.00
M/S CHANNEL PUBLICATION FARIDABAD	-	719,537.00
M/S CHOPRA ALLUMINIUM	750,001.00	750,001.00
M/S DEEPAK ELECTRICALS JAIPUR	-	157,373.00
M/S EDUCATION POINT, JAIPUR	-	68,535.00
M/S ELECTRONIC INSTRUMENT AND MACHINERY CORP	48,670.00	48,670.00
M/S ELOVA ENTERPRISES	2,830.00	2,830.00
M/S GAUTAM BOOK COMPANY, JAIPUR	-	2,788.00

Balance Sheet 2014 - 15

Amount in Rupees

Particulars	Current Year	Previous Year
M/S GLOBAL STORE	63,840.00	63,840.00
M/S H AND H TECHNOLOGIES JAIPUR	-	3,057,390.00
M/S ICON ANALYTICAL EQUIPMENT PVT. LTD.	810,912.00	731,250.00
M/S INDIA BOOK HOUSE	7,146.00	495,945.00
M/S JAI NIRMAN JAIPUR	184,337.00	373,293.00
M/S KANISHK STEEL	300,000.00	300,000.00
M/S KMV PROJECT	38,684,594.00	13,819,258.00
M/S MEHUL BOOK SALES MUMBAI	-	173,041.00
M/S OPTOCHEM INTERNATIONAL	258,770.00	258,770.00
M/S OSAW INDUSTRIAL PRODUCTS PVT LTD AMBALLA CANT	632,040.00	544,398.00
M/S OVERSEAS PRESS INDIA PVT LTD NEW DELHI	-	488,193.00
M/S PERFEX AUTOMATION PVT.LTD	790,322.00	790,322.00
M/S POOJA ENTERPRISES	19,800.00	19,800.00
M/S PROFESSIONAL HR SERVICES PVT LTD	568,515.00	64,454.00
M/S RAJPUTANA ELECTRIC TRADING CO.	278,957.00	278,957.00
M/S RAMKY INFRASTRUTURE LTD	6,346.00	6,346.00
M/S SAMYAK ARTHIECTS	50,000.00	50,000.00
M/S SANVARIYA	400,000.00	400,000.00
M/S SARVODAYA	1,500,000.00	1,500,000.00
M/S SCEINTIFIC GREEN AGENCIES	39,998.00	39,998.00
M/S SCEINTIFIC MES TECHNIC PVT LTD	27,486.00	27,486.00
M/S SHANKAR BOOK AGENCY PVT LTD NEW DELHI	-	815,934.00
M/S SHREEJI ENTERPRISE	95,025.00	95,025.00
M/S SHRI RADHA GOVIND ASSOCIATES	38,490.00	38,490.00

Balance Sheet 2014 - 15

Amount in Rupees

Particulars	Current Year	Previous Year
M/S SKY CONSTRUCTION JAIPUR	6,901.00	50,000.00
M/S SURESH GOEL AND ASSOCIATES NEW DELHI	1,307,462.00	1,482,353.00
M/S TECHNO SERVICES	238,350.00	280,000.00
M/S THYSSEN KRUPP ELEVATOR PVT LTD	206,130.00	4,650,843.00
M/S TIRUMALA PHOLONIC	294,000.00	294,000.00
M/S UMISUM	-	1,160,900.00
M/S UNIVERSITY BOOK HOUSE PVT LTD JAIPUR	-	155,250.00
M/S VARDHMAN FAB TECH	3,183,769.00	99,290.00
M/S VISION TECHNOLOGY	27,268.00	27,268.00
M/S WELLEORTH BOOKS INTERNATIONAL NEW DELHI	-	129,182.00
MIS HITACHI HOME AND LIFE SOLUTION	226,846.00	226,846.00
MS RESEARCH BOOKS STERIODICALS PVT LTD	-	483,988.00
SUNDRY CREDITORS	-0.55	-0.55
TDS PAYABLE	8,899,792.00	136,685.00
M/S ADVANCE SCIENTIFIC INTERNATIONAL CALCUTTA	95,680.00	-
M/S ANKUR AGENCIES JAIPUR	32,130.00	-
M/S BABA RAMDEV CONSTRUCTION AND ENGINEERING	1,153,735.00	-
M/S CECON POLLUTECH SYSTEM PVT LTD	537,900.00	-
M/S GLOBAL INFORMATION SYSTEM TECHNOLOGY SYSTEM GU	646,655.00	-
M/S GLOBAL PRESENTATION, JAIPUR	11,523,022.00	-
M/S GOLDENRAY SERVICES	112,783.00	-
M/S HEMANTIC ASSOCIATES JAIPUR	349,472.00	-
M/S INNOVA LAB-INSTRUMENTS PVT. LTD	169,648.00	-
M/S INTERGRAPH SG AND I INDIA PVT. LTD	2,128,660.00	-

Balance Sheet 2014 - 15

Amount in Rupees

Particulars	Current Year	Previous Year
M/S JAI SHREE ENTERPRISES	172,519.00	-
M/S LIBERTY SPORTS JAIPUR	32,813.00	-
M/S LIBSYS LTD NEW DELHI	4,754,909.00	-
M/S METRO TRADING CORPORATION JAIPUR	15,994.00	-
M/S MVS ENGINEERING LIMITED NEW DELHI	238,750.00	-
M/S NAVRATNA INFRA PROJECT	247,805.00	-
M/S PLUMSOFT SOLUTION PVT LTD	800,235.00	-
M/S S S ENGINEERS CORPORATION	2,240,000.00	-
M/S SARTHAK SALES JAIPUR	11,214.00	-
M/S SHREE GANPATI CONSTRUCTION	1,015,173.00	-
M/S SUJATA ENTERPRISES	890,400.00	-
M/S SWATI ENTERPRISES	99,727.00	-
M/S SYNCOTTS INTERNATIONAL DELH	2,826,072.00	-
M/S THE SCIENTIFIC AND GENERAL AGENCIES	-39,998.00	-
M/S YAMBERZAL INTERNATIONAL JAIPUR	92,114.00	-
SANWARIYA ENTERPRISES, JAIPUR	144,270.00	-
AO BSNL PGMTD	72,927.00	-
JEN EXAM FOR PHED	9,948,686.00	-
M/S AIMIL LTD	351,473.00	-
M/S CENSICO INTERNATIONAL	125,580.00	-
M/s M. RAGHUNATH & COMPANY (TEQIP)	15,000.00	15,000.00
SUNDRY CREDITORS (CONSULTANCY)	48842789.2	41907650.2
SUNDRY CREDITORS (R&C)	-	1,294,389.00
SUNDRY CREDITORS (UK INDIA)	4,664.25	4,664.25
Total	165,479,839.90	98,261,788.90



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Balance Sheet 2014 - 15

SCHEDULE- 3 A 3 Sundry Creditors

(b) Other

Amount in Rupees

Particulars	Current Year	Previous Year
TOTAL	-	-



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Balance Sheet 2014 - 15

SCHEDULE- 3 A 4

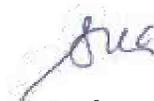
Deposit - Others (including EMD, Security Deposit)

Amount in Rupees

Particulars	Current Year	Previous Year
ADVANCE TO FIRM THROUGH AR (STORE)	376,280.92	376,280.92
CANTEEN CONTRACTOR DEPOSIT	2,550.00	2,550.00
DCRGS DEPOSIT	485,768.00	485,768.00
DEPOSIT FROM R and C	19,021.00	44,021.00
DEPOSIT OF AUTOMETIC PHOTOCOPIES	2,686.00	2,686.00
DEPOSIT OUT OF TESTING	90,850.50	90,850.50
EARNEST MONEY (DEPOSIT HEAD)	3,604,088.00	3,488,736.00
FINISHING SCHOOL COURSE DEPOSIT	11,250.00	11,250.00
LIBRARY SECURITY DEPOSIT	5,450.00	5,450.00
MESS DEPOSIT	1,724,500.00	109,000.00
MREC T.A. (DEPOSIT HEAD)	341.00	241.00
SECURITY DEPOSIT OF FIRM / CONTRACTORS (DEPOSIT HEAD)	43,413,285.00	48,883,028.00
SPINFED DEPOSIT	1,720.00	1,720.00
TEQIP FUND DEPOSIT	814,666.00	814,666.00
DEPOSIT OF FIRMS	-36,889.00	-
DEPOSIT FROM CPWD	14,747,220.00	6,646,293.00
SECURITY DEPOSIT (TEQIP)	155,740.00	155,740.00
SECURITY DEPOSIT (R&C)	540,257.00	-
SECURITY DEPOSIT (CBERD)	162,038.00	50,206.00
Total	66,120,822.42	61,168,486.42



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Balance Sheet 2014 - 15

SCHEDULE- 3 A 5

Statutory Liabilities (GPF, TDS, WC TAX, CPF, GIS, NPS)

(a) Overdue

Amount in Rupees

Particulars	Current Year	Previous Year
Total	-	-

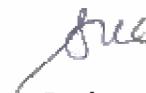
(b) Others

Amount in Rupees

Particulars	Current Year	Previous Year
GSLIS (DEPOSIT HEAD)	51,401.75	52,476.34
LABOUR CESS	278,610.00	10,974.00
PENSION (EMPLOYER) CONTRIBUTION	26,791.00	357,274.00
PENSION (OWN) CONTRIBUTION	18,050.00	348,533.00
PF DEPOSITS (DEPOSIT HEAD)	-212,923.39	1,530,637.61
ROYALTY DEPOSIT	29,197.00	28,408.00
VAT / RAJ. SALES TAX. (DEPOSIT HEAD)	836,217.00	8,244.00
PF LOAN (OWN)	269,800.00	-
PF OWN SHARE	-	-
PAYABLE FOR PENSION	7,110,070.00	-
Total	8,407,213.36	2,336,546.95



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Balance Sheet 2014 - 15

SCHEDULE - 3 A 6

Other Current Liabilities

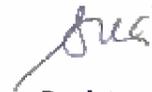
(a) Salaries

Amount in Rupees

Particulars	Current Year	Previous Year
Salary Payable	36,091,062.00	39,941,690.00
Undisbursed Salary	1,151,008.89	830,572.95
Total	37,242,070.89	40,772,262.95



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Balance Sheet 2014 - 15

SCHEDULE - 3 (b) SPONSORED PROJECTS

Amount in Rupees

1 S. No.	2 Name of the Project	Opening Balance		5 Receipts / Recoveries during the year	6 Total	7 Expenditure during the year	Closing Balance	
		3 Credit	4 Debit				8 Credit	9 Debit
1	Bikaner Engineering College	100,000.00	-	-	100,000.00	-	100,000.00	-
2	Projects Grant (Institute Fund) (Annexure ERP)	14,284,222.50	-	6,394,206.00	20,678,428.50	19,903,434.00	774,994.50	-
3	Travel, Seminar and other Grants (Annexure ERP)	1,352,442.40	-	680,000.00	2,032,442.40	500,463.00	1,531,979.40	-
4	TEQIP	29,078,827.91	-	46,247,986.42	75,326,814.33	32,253,994.51	43,072,819.82	-
5	Project CBERD - MNIT	18,893,264.00	-	16,257,790.00	35,151,054.00	6,242,100.00	28,908,954.00	-
6	Student Fund	583,656.90	-	-	583,656.90	-	583,656.90	-
7	Earmarked Fund (R & C) (Annexure ERP)	49,181,034.89	-	34,093,547.22	83,274,582.11	20,300,823.00	62,973,759.11	-
8	UK INDIA	2,616,846.05	-	-	2,616,846.05	-	2,616,846.05	-
Total		116,090,294.65	-	103,673,529.64	219,763,824.29	79,200,814.51	140,563,009.78	-

1. The Projects may be listed agency-wise, with sub-totals for each agency.

2. The total of Col. 8 (Credit) will appear under the above head on the liabilities side of the Balance Sheet (Schedule 3).

3. The total of Col. 9 (Debit) will appear as Receivables in Schedule 8, Loans, Advances and Deposits, on the Assets side of the Balance Sheet.



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Balance Sheet 2014 - 15

SCHEDULE 3 - A6(c) SPONSORED FELLOWSHIPS AND SCHOLARSHIPS

Amount in Rupees

S. No.	2. Name of Sponsor	Opening Balance As On 01.04.2014		Transactions During the year		Closing Balance As On 31.03.2015	
		3 CR.	4 DR.	5 CR.	6 DR.	7 CR.	8 DR.
1	University Grants Commission						
2	Ministry (Government of India) (a) Emeritus Fellowship (Dr. S.K. Bhatnagar) (b) Career Awards Scheme to Young Teachers :- Dr. Rohit Goyal 224,065.50 Dr. Vijay Janyani 284,266.00 Shri Manoj Fozdar -36,384.00 Shri Rajesh Kumar -18,932.00	25,812.00	-	-	-	25,812.00	
3	Others (Specify individually)	453,015.50	-	-	-	453,015.50	
	Total	478,827.50	-			478,827.50	

Note:

- 1 The total of Column 7, (Credit) will appear under the above head, on the liabilities side of the Balance Sheet (Schedule 3).
- 2 The total of Column 8 (Debit) will appear as Receivables on the Assets side of the Balance Sheet in Schedule 8 (Loans, Advances and Deposits).

Dr. Rajesh Kumar

Assistant Registrar

Dr. S.K. Bhatnagar

Registrar

Balance Sheet 2014 - 15

SCHEDULE 3 A 6 (d)

UNUTILISED GRANTS FROM UGC, GOVERNMENT OF INDIA AND STATE GOVERNMENTS

Amount in Rupees

Particular	Current Year	Previous Year
A. Plan grants: Government of India		
Balance B/F	38,520,949.72	194,058,424.20
Add: Receipts during the year	1,000,000,000.00	580,000,000.00
Income	-	396,900.00
Total (a)	1,038,520,949.72	774,455,324.20
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	63,072,971.33	63,915,393.00
Less: Utilized for Capital expenditure	1,189,921,911.83	672,018,981.48
Total (b)	1,252,994,883.16	735,934,374.48
Unutilized carried forward (a-b)	-214,473,933.44	38,520,949.72
B. MHRD Grants Non Plan		
Balance B/F	47,395,597.78	72,582,490.00
Add: Receipts during the year	320,000,000.00	335,000,000.00
Income	-	-
Total (c)	367,395,597.78	407,582,490.00
Less: Refunds	-	-
Less: Utilised for Revenue Expenditure	362,526,499.48	360,186,892.22
Less: Utilised for Capital Expenditure	-	-
Total (d)	362,526,499.48	360,186,892.22
Unutilized carried forward (c - d)	4,869,098.30	47,395,597.78
C. PHE grants	-	-
Balance B/F	-8,676,602.51	-7,031,596.51
Receipts during the year	-	-
Income	-	-
Total (e)	-8,676,602.51	-7,031,596.51

Balance Sheet 2014 - 15

Amount in Rupees

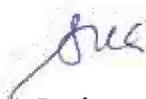
Particular	Current Year	Previous Year
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	2,010,527.00	1,645,006.00
Less: Utilized for capital expenditure	-	-
Total (f)	2,010,527.00	1,645,006.00
Unutilized carried forward (e - f)	-10,687,129.51	-8,676,602.51
D. QIP Poly grant	-	-
Balance B/F	-4,683,331.00	-4,428,985.00
Add: Receipts during the year	-	-
Income	-	-
Total (g)	-4,683,331.00	-4,428,985.00
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	105,642.00	254,346.00
Less: Utilized for Capital Expenditure	-	-
Total (h)	105,642.00	254,346.00
Unutilized carried forward (g - h)	-4,788,973.00	-4,683,331.00
E. Non Plan recurring grants : Govt. of Rajasthan	-	-
Balance B/F	-4,726,421.10	-4,726,421.10
Add: Receipts during the year	-	-
Income	-	-
Total (i)	-4,726,421.10	-4,726,421.10
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (j)	-	-
Unutilized carried forward (i - j)	-4,726,421.10	-4,726,421.10

Balance Sheet 2014 - 15

F. Plan recurring grants : Govt. of Rajasthan		
Balance B/F	-12,680.78	-12,680.78
Add: Receipts during the year	-	-
Income	-	-
Total (k)	-12,680.78	-12,680.78
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (l)	-	-
Unutilized carried forward (k - l)	-12,680.78	-12,680.78
G. Grant National Manpower Information System (Nodel Centre)		
Balance B/F	-3,139,224.26	-2,520,967.26
Add: Receipts during the year	-	-
Income	-	-
Total (m)	-3,139,224.26	-2,520,967.26
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	697,538.00	618,257.00
Less: Utilized for Capital Expenditure	-	-
Total (n)	697,538.00	618,257.00
H. Plan grant Government of Rajasthan		
Balance B/F	-350,000.00	-350,000.00
Add: Receipts during the year	-	-
Income	-	-
Total (o)	-350,000.00	-350,000.00
Less Refunds	-	-
Less: Utilized for Revenue Expenditure	-	-
Less: Utilized for Capital Expenditure	-	-
Total (p)	-	-
Unutilized carried forward (o - p)	-350,000.00	-350,000.00
Grand Total (A+B+C+D+F+G+H)	-234,006,801.79	64,328,287.85

Notes:- - Unutilized grants includes advances on Capital Account
 - Unutilized grants include grants received in advance for the next year
 - Unutilized grants are represented on the Assets side by Bank balances, Short term Deposits with Banks and Advances on Capital Account


Assistant Registrar


Registrar

Balance Sheet 2014 - 15

SCHEDULE - 3 A 6

(e) Grants in advance

Amount in Rupees

Particulars	Current Year	Previous Year
Total	-	-

SCHEDULE - 3 A 6

(f) Other Funds

Amount in Rupees

Particulars	Current Year	Previous Year
Total	-	-



Assistant Registrar



Registrar

Balance Sheet 2014 - 15

SCHEDULE - 3 A 6

(g) Other Liabilities

Amount in Rupees

Particulars	Current Year	Previous Year
ADVANCE TO RSBCC	1,021,002.00	1,021,002.00
CAMINOVA 2014	111.00	111.00
CCMT HELPING CENTRE	67,144.00	67,144.00
CENTER FOR INDUSTRIAL COLLABORATION	15,419.00	15,419.00
COMPENSATION FROM JDA	650,337.00	650,337.00
CORPORATE TRAINING PROGRAMME	100,887.00	136,837.00
DASA ADMISSION SUPPORT ACTIVITIES	94,498.00	94,498.00
DEVELOPMENT OF CANTEEN	9,400.00	9,400.00
EPIP	20,000.00	20,000.00
FEE FOR OTHER RECS	83,278.00	83,278.00
JEN EXAM WATER RESOURCE DEPTT	3,573,173.00	1,635,273.00
LAB. CHARGES FROM MLV TEXTILES	20,125.00	20,125.00
LOAN FROM CCMT	101,934,732.18	31,934,732.18
LOAN FROM R AND C (SPONSER RESEARCH)	40,098,085.10	113,146,577.10
MATERIAL RESEARCH CENTRE	1,023,526.00	56,091.00
MISC. FUNDS ACCOUNT	53,053.00	53,053.00
MST 2011	131,700.00	131,700.00
PWD REQUIREMENT EXAMINATION	1,067,413.00	1,325,413.00
RECTIFICATION WORKS OF MAN AND WOMAN HOSTEL	1,500,500.00	5,900,000.00
REQUIRMENT OF ASISTTANT MANAGER	341,233.00	1,259,830.00
SCHOLARSHIP DEPOSIT	4,293,596.00	4,450,641.00
STALL CHEQUE ACCOUNT DEPOSIT	394,609.00	394,609.00
TESTING CHARGES	843,397.00	843,397.00
CSAB HELPING CENTRE	4,700.00	-
UNIVERSITY EXAMINATION FEE	450,952.89	450,952.89
LOAN FROM CSAB	150,000,000.00	-
NTSA	-130.00	-
PM RELIEF FUND	3,626.00	-
RAJ COM (RSIL EXAM)	-100,244.00	-
DASA HELPING CENTRE	152,602.00	-
BANK LOAN (DEPOSIT HEAD)	4,191.00	-
LIC (DEPOSIT HEAD)	0.90	-
NCMAC 2015	134,500.00	-
SCHOLARSHIP PAYABLE (STEEL CHAIR)	1,200,000.00	-
NIMCET 2014	6,437.00	-
OTHER LIABILITIES of R&C	11,798.00	-
ME PART TIME RESERVE AND SURPLUS	95,075.00	95,075.00
ME PART TIME OTHER LIABILITES	20,860.00	20,860.00
OTHER CURRENT LIABILITIES (CONSULTANCY)	1,632,376.00	17,223,627.00
Total	310,953,963.07	181,039,982.17

Bahadur

Assistant Registrar

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Registrar

Balance Sheet 2014 - 15

SCHEDULE 4 FIXED ASSETS

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year 2015			Net Block			
		Op Balance 01.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	42,920,612.26	-	-	42,920,612.26	-	-	-	-	42,920,612.26	42,920,612.26
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	1,048,983,776.38	11,195,957.00	-	1,060,179,733.38	286,560,413.52	15,319,310.74	-	301,879,724.26	758,300,009.12	762,423,362.86
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	2,350,738.00	-	-	2,350,738.00	1,263,446.90	21,745.82	-	1,285,192.72	1,065,545.28	1,087,291.10
6	Sewerage & Drainage	-	1,001,632.00	-	1,001,632.00	-	40,066.00	-	40,066.00	961,566.00	-
7	Electrical Installation and equipment	5,936,311.00	7,621,945.00	-	13,558,256.00	3,249,079.35	540,182.83	-	3,789,262.18	9,768,993.82	2,687,231.65
8	Plant & Machinery	552,685,356.20	159,772,344.83	-	712,457,701.03	244,038,417.58	23,435,214.17	-	267,473,631.75	444,984,069.28	308,646,938.62
9	Scientific & Laboratory Equipment	-	5,812,125.00	-	5,812,125.00	-	464,970.00	-	464,970.00	5,347,155.00	-
10	Office Equipment	66,354,163.75	37,481,932.00	-	103,836,095.75	1,233,436.63	3,603,122.37	-	4,836,559.00	98,999,536.75	65,120,727.13
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	143,895,711.87	595,090.00	131,300.00	144,359,501.87	117,817,846.79	5,377,431.94	82,500.00	123,112,778.73	21,246,723.14	26,077,865.08
13	Furniture, Fixtures & Fittings	163,945,665.11	60,041,742.00	-	223,987,407.11	29,873,228.88	14,517,116.42	-	44,390,345.30	179,597,061.81	134,072,436.23
14	Vehicles	8,441,000.71	-	-	8,441,000.71	3,258,880.16	518,212.06	-	3,777,092.22	4,663,908.50	5,182,120.55
15	Lib. Books & Scientific Journals	67,607,311.63	13,893,179.00	-	81,500,490.63	20,127,427.63	4,020,580.80	-	24,148,008.43	57,352,482.20	47,479,884.00
16	Small Value Assets	772,855.00	-	-	772,855.00	322,919.58	449,935.43	-	772,855.01	-0.01	449,935.43
Total (A)		2,103,893,501.91	297,415,946.83	131,300.00	2,401,178,148.74	707,745,097.02	68,307,888.58	82,500.00	775,970,485.60	1,625,207,663.14	1,396,148,404.91
17	Capital Work in Progress (B)	446,911,262.00	896,508,352.00	-	1,343,419,614.00	-	-	-	-	1,343,419,614.00	446,911,262.00

S. No.	Intangible Assets	Op Balance 01.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the Year	Deductions / Adjustments	Total Amortization / Adjustments	31.03.2015	31.03.2014
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
Total (C)		69,599,131.47	10,441,314.00	-	80,040,445.47	57,220,943.23	9,127,800.89	-	66,348,744.12	13,691,701.35	12,378,188.22
Grand Total (A+B+C)		2,620,403,895.38	1,204,365,612.83	131,300.00	3,824,638,208.21	764,966,040.25	77,435,689.47	82,500.00	842,319,229.72	2,982,318,978.49	1,855,437,855.13

Note:

The figure in Column "Deductions" under Gross Block against the head Capital Work in Progress represents the transfer from Work in Progress to Assets during the year;

The figures in column "Additions during the year under Gross Block against Assets 1 to 14 include transfer from Work in Progress during the year, as well as further acquisitions during the year.

(Signature)

Assistant Registrar

(Signature)

Registrar

SCHEDULE 4A PLAN - MNIT

Amount in Rupees

S. No	Assets Heads	Gross Block				Depreciation for the Year.			Net Block		
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	42,920,612.26	-	-	42,920,612.26	-	-	-	-	42,920,612.26	42,920,612.26
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	1,030,227,427.22	11,195,957.00	-	1,041,423,384.22	278,699,873.26	15,260,950.22	-	293,960,823.48	747,462,560.74	751,527,553.96
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	2,350,738.00	-	-	2,350,738.00	1,263,446.90	21,745.82	-	1,285,192.72	1,065,545.28	1,087,291.10
6	Sewerage & Drainage	-	1,001,632.00	-	1,001,632.00	-	40,066.00	-	40,066.00	961,566.00	-
7	Electrical Installation and equipment	5,936,311.00	7,621,945.00	-	13,558,256.00	3,249,079.35	540,182.83	-	3,789,262.18	9,768,993.82	2,687,231.65
8	Plant & Machinery	496,509,111.42	159,772,344.83	-	656,281,456.25	203,191,195.98	22,668,763.01	-	225,859,958.99	430,421,497.26	293,317,915.44
9	Scientific & Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	2,768,946.00	30,061,934.00	-	32,830,880.00	1,233,436.63	2,384,498.25	-	3,617,934.88	29,212,945.12	1,535,509.38
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	130,327,564.75	456,100.00	131,300.00	130,652,364.75	104,357,410.87	5,285,250.78	82,500.00	109,560,161.65	21,092,203.10	25,970,153.88
13	Furniture, Fixtures & Fittings	161,989,026.11	60,041,742.00	-	222,030,768.11	28,754,286.38	14,495,736.13	-	43,250,022.51	178,780,745.60	133,234,739.73
14	Vehicles	8,127,746.71	-	-	8,127,746.71	2,975,343.86	515,240.29	-	3,490,584.15	4,637,162.57	5,152,402.85
15	Lib. Books & Scientific Journals	45,990,458.63	13,893,179.00	-	59,883,637.63	20,127,427.63	3,975,621.00	-	24,103,048.63	35,780,589.00	25,865,031.00
16	Small Value Assets	772,855.00	-	-	772,855.00	322,919.58	449,935.43	-	772,855.01	-0.01	449,935.43
Total (A)		1,927,920,797.10	284,044,833.83	131,300.00	2,211,834,330.93	644,174,420.44	65,637,989.76	82,500.00	709,729,910.20	1,502,104,420.73	1,283,746,376.68

17	Capital Work in Progress (B)	446,911,262.00	896,508,352.00	-	1,343,419,614.00	-	-	-	-	1,343,419,614.00	446,911,262.00
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S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	69,599,131.47	10,067,164.00	-	79,666,295.47	57,220,943.23	8,978,140.89	-	66,199,084.12	13,467,211.35	12,378,188.22
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
Total (C)		69,599,131.47	10,067,164.00	-	79,666,295.47	57,220,943.23	8,978,140.89	-	66,199,084.12	13,467,211.35	12,378,188.22

Grand Total (A+B+C)		2,444,431,190.57	1,190,620,349.83	131,300.00	3,634,920,240.40	701,395,363.67	74,616,130.65	82,500.00	775,928,994.32	2,858,991,246.08	1,743,035,826.90
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Signature

Assistant Registrar

Signature

Registrar

Balance Sheet 2014 - 15

SCHEDULE 4A PLAN - TEQIP

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	Cal Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	7,977,783.00	-	-	7,977,783.00	-	-	-	-	7,977,783.00	7,977,783.00
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	-	-	-	-	-	-	-	-	-	-
9	Scientific S Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	56,578,821.00	5,265,602.00	-	61,844,423.00	-	-	-	-	61,844,423.00	56,578,821.00
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	-	-	-	-	-	-	-	-	-	-
13	Furniture, Fixtures & Fittings	552,626.00	-	-	552,626.00	-	-	-	-	552,626.00	552,626.00
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	21,167,255.00	-	-	21,167,255.00	-	-	-	-	21,167,255.00	21,167,255.00
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	86,276,485.00	5,265,602.00	-	91,542,087.00	-	-	-	-	91,542,087.00	86,276,485.00

Capital Work in Progress (B)		Op Balance 1.04.2014		Additions		Deductions		CI Balance		Dep Opening Balance		Amortization for the year		Deductions / Adjustment		Total Amortization / Adjustments	
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014						
18	Computer Software	-	-	-	-	-	-	-	-	-	-						
19	E-Journals	-	-	-	-	-	-	-	-	-	-						
20	Patents	-	-	-	-	-	-	-	-	-	-						
	Total (C)	-	-	-	-	-	-	-	-	-	-						
	Grand Total (A + B + C)	86,276,485.00	5,265,602.00	-	91,542,087.00	-	-	-	-	91,542,087.00	86,276,485.00						

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SCHEDULE 4A PLAN - RESEARCH & CONSULTANCY

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	13,827,968.00	-	-	13,827,968.00	1,639,070.07	609,444.90	-	2,248,514.97	11,579,453.03	12,188,897.93
9	Scientific S Laboratory Equipment	-	5,812,125.00	-	5,812,125.00	-	464,970.00	-	464,970.00	5,347,155.00	-
10	Office Equipment	-	20,785.00	-	20,785.00	-	1,558.88	-	1,558.88	19,226.12	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	-	138,990.00	-	138,990.00	-	27,798.00	-	27,798.00	111,192.00	-
13	Furniture, Fixtures & Fittings	-	-	-	-	-	-	-	-	-	-
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	449,598.00	-	-	449,598.00	-	44,959.80	-	44,959.80	404,638.20	449,598.00
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
Total (A)		14,277,566.00	5,971,900.00	-	20,249,466.00	1,639,070.07	1,148,731.58	-	2,787,801.65	17,461,664.35	12,638,495.93
17 Capital Work in Progress (B)		-	-	-	-	-	-	-	-	-	-
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	374,150.00	-	374,150.00	-	149,660.00	-	149,660.00	224,490.00	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
Total (C)		-	374,150.00	-	374,150.00	-	149,660.00	-	149,660.00	224,490.00	-
Grand Total (A+ B+ C)		14,277,566.00	6,346,050.00	-	20,623,616.00	1,639,070.07	1,298,391.58	-	2,937,461.65	17,686,154.35	12,638,495.93

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Balance Sheet 2014 - 15

SCHEDULE 4A PLAN - CMSIC

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	1,126,927.00	-	-	1,126,927.00	805,796.20	6,422.62	-	812,218.82	314,708.18	321,130.80
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	7,399,694.50	-	-	7,399,694.50	6,824,652.50	28,752.10	-	6,853,404.60	546,289.90	575,042.00
9	Scientific & Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	52,000.00	-	-	52,000.00	51,997.60	1.40	-	51,999.00	1.00	2.40
13	Furniture, Fixtures & Fittings	63,744.00	-	-	63,744.00	50,852.40	966.87	-	51,819.27	11,924.73	12,891.60
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	8,642,365.50	-	-	8,642,365.50	7,733,298.70	36,142.99	-	7,769,441.69	872,923.81	909,066.80
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-

S. No	Intangible Assets	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
	Total (C)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	8,642,365.50	-	-	8,642,365.50	7,733,298.70	36,142.99	-	7,769,441.69	872,923.81	909,066.80

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Amount in Rupees

SCHEDULE 4A PLAN - INDUSTRIAL CONSULTANCY CELL

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	-	-	-	-	-	-	-	-	-	-
9	Scientific S Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	89,016.00	-	-	89,016.00	88,498.00	103.60	-	88,601.60	414.40	518.00
13	Furniture, Fixtures & Fittings	-	-	-	-	-	-	-	-	-	-
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
Total (A)		89,016.00	-	-	89,016.00	88,498.00	103.60	-	88,601.60	414.40	518.00
Capital Work in Progress (B)		-	-	-	-	-	-	-	-	-	-
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
Total (C)		-	-	-	-	-	-	-	-	-	-
Grand Total (A + B + C)		89,016.00	-	-	89,016.00	88,498.00	103.60	-	88,601.60	414.40	518.00

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Balance Sheet 2014 - 15

SCHEDULE 4A PLAN - UK-INDIA

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	9,651,639.16	-	-	9,651,639.16	7,054,744.06	51,937.90	-	7,106,681.96	2,544,957.20	2,596,895.10
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	34,587,972.28	-	-	34,587,972.28	32,052,860.03	126,755.61	-	32,179,615.64	2,408,356.64	2,535,112.25
9	Scientific S Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	11,042,717.60	-	-	11,042,717.60	11,042,642.40	15.04	-	11,042,657.44	60.16	75.20
13	Furniture, Fixtures & Fittings	1,276,335.00	-	-	1,276,335.00	1,018,215.00	19,359.00	-	1,037,574.00	238,761.00	258,120.00
14	Vehicles	313,254.00	-	-	313,254.00	283,536.30	2,971.77	-	286,508.07	26,745.93	29,717.70
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	56,871,918.04	-	-	56,871,918.04	51,451,997.79	201,039.32	-	51,653,037.11	5,218,880.93	5,419,920.25
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
	Total (C)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	56,871,918.04	-	-	56,871,918.04	51,451,997.79	201,039.32	-	51,653,037.11	5,218,880.93	5,419,920.25

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SCHEDULE 4A PLAN - IMPACT COMPUTER SSS STREAM

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	360,610.00	-	-	360,610.00	330,639.00	1,498.55	-	332,137.55	28,472.45	29,971.00
9	Scientific & Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	696,246.00	-	-	696,246.00	696,241.20	0.96	-	696,242.16	3.84	4.80
13	Furniture, Fixtures & Fittings	51,342.00	-	-	51,342.00	39,845.40	862.25	-	40,707.65	10,634.35	11,496.60
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	1,108,198.00	-	-	1,108,198.00	1,066,725.60	2,361.76	-	1,069,087.36	39,110.64	41,472.40
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
	Total (C)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	1,108,198.00	-	-	1,108,198.00	1,066,725.60	2,361.76	-	1,069,087.36	39,110.64	41,472.40

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Balance Sheet 2014 - 15

SCHEDULE 4A PLAN - IMPACT ELECTRONICS SSS STREAM

Amount in Rupees

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions/ Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	-	-	-	-	-	-	-	-	-	-
9	Scientific S Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	-	-	-	-	-	-	-	-	-	-
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	1,581,067.52	-	-	1,581,067.52	1,581,056.72	2.16	-	1,581,058.88	8.64	10.80
13	Furniture, Fixtures & Fittings	12,592.00	-	-	12,592.00	10,029.70	192.17	-	10,221.87	2,370.13	2,562.30
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
	Total (A)	1,593,659.52	-	-	1,593,659.52	1,591,086.42	194.33	-	1,591,280.75	2,378.77	2,573.10
17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
S. No	Intangible Assets	Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions/ Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
	Total (C)	-	-	-	-	-	-	-	-	-	-
	Grand Total (A+B+C)	1,593,659.52	-	-	1,593,659.52	1,591,086.42	194.33	-	1,591,280.75	2,378.77	2,573.10

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Balance Sheet 2014 - 15

Amount in Rupees

SCHEDULE 4A PLAN - CBERD

S. No	Assets Heads	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Depreciation for the Year	Deductions / Adjustment	Total Depreciation	31.03.2015	31.03.2014
1	Land	-	-	-	-	-	-	-	-	-	-
2	Site Development	-	-	-	-	-	-	-	-	-	-
3	Buildings	-	-	-	-	-	-	-	-	-	-
4	Roads & Bridges	-	-	-	-	-	-	-	-	-	-
5	Tubewells & Water Supply	-	-	-	-	-	-	-	-	-	-
6	Sewerage & Drainage	-	-	-	-	-	-	-	-	-	-
7	Electrical Installation and equipment	-	-	-	-	-	-	-	-	-	-
8	Plant & Machinery	-	-	-	-	-	-	-	-	-	-
9	Scientific S Laboratory Equipment	-	-	-	-	-	-	-	-	-	-
10	Office Equipment	7,006,396.75	2,133,611.00	-	9,140,007.75	-	1,217,065.24	-	1,217,065.24	7,922,942.51	7,006,396.75
11	Audio Visual Equipment	-	-	-	-	-	-	-	-	-	-
12	Computers & Peripherals	107,100.00	-	-	107,100.00	-	64,260.00	-	64,260.00	42,840.00	107,100.00
13	Furniture, Fixtures & Fittings	-	-	-	-	-	-	-	-	-	-
14	Vehicles	-	-	-	-	-	-	-	-	-	-
15	Lib. Books & Scientific Journals	-	-	-	-	-	-	-	-	-	-
16	Small Value Assets	-	-	-	-	-	-	-	-	-	-
Total (A)		7,113,496.75	2,133,611.00	-	9,247,107.75	-	1,281,325.24	-	1,281,325.24	7,965,782.51	7,113,496.75

17	Capital Work in Progress (B)	-	-	-	-	-	-	-	-	-	-
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S. No	Intangible Assets	Gross Block			Depreciation for the Year.			Net Block			
		Op Balance 1.04.2014	Additions	Deductions	CI Balance	Dep Opening Balance	Amortization for the year	Deductions / Adjustment	Total Amortization / Adjustments	31.03.2015	31.03.2014
18	Computer Software	-	-	-	-	-	-	-	-	-	-
19	E-Journals	-	-	-	-	-	-	-	-	-	-
20	Patents	-	-	-	-	-	-	-	-	-	-
Total (C)		-	-	-	-	-	-	-	-	-	-
Grand Total (A+B+C)		7,113,496.75	2,133,611.00	-	9,247,107.75	-	1,281,325.24	-	1,281,325.24	7,965,782.51	7,113,496.75

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Balance Sheet 2014 - 15

SCHEDULE 4 C (i) - PATENTS AND COPYRIGHTS

Amount in Rupees

Particulars	Op. Balance	Addition	Gross	Amortization	Net Block 20.....	Net Block 20.....
A. Patents Granted						
1. Balance as on 31.03.14 of Patents obtained in 2008-09 (Original Value -Rs...../-)	-	-	-	-	-	-
2. Balance as on 31.03.14 of Patents obtained in 2010-11 (Original Value -Rs...../-)	-	-	-	-	-	-
3. Balance as on 31.03.14 of Patents obtained in 2012-13 (Original Value -Rs...../-)	-	-	-	-	-	-
4. Patents granted during the Current Year	-	-	-	-	-	-
Total	-	-	-	-	-	-

Particulars	Op. Balance	Addition	Gross	Patents Granted / Rejected	Net Block 2013-14	Net Block 2012-13
B. Patents Pending in respect of Patents applied for						
1. Expenditure incurred during 2009-10 to 2011-12	-	-	-	-	-	-
2. Expenditure incurred during 2012-13	-	-	-	-	-	-
3. Expenditure incurred during 2013-14	-	-	-	-	-	-
Total	-	-	-	-	-	-
C. Grand Total (A+B)						

Note:

The addition in Part A (patents granted), will be the figure of patents granted during the year, transferred from Part B (column - Patents granted/rejected). The amount against grants rejected during the year is written off in the Income and Expenditure Account.



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SCHEDULE 5 :

Balance Sheet 2014 - 15

INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS

Amount in Rupees

Particular	Current Year	Previous Year
In Central Government Securities	-	-
In State Government Securities	-	-
Other approved Securities	-	-
Shares	-	-
Debentures and Bonds	-	-
Term deposit with banks	193,890,693.87	299,939,956.75
Other to be specify	-	-
Total	193,890,693.87	299,939,956.75



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Balance Sheet 2014 - 15

SCHEDULE 5

(A) INVESTMENTS FROM EARMARKED / ENDOWMENT FUNDS (FUND WISE)

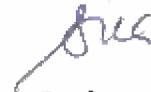
Amount in Rupees

Funds	Current Year	Previous Year
Term deposit with bank	-	-
FDR R&D Fund with ICICI	9,040,129.00	8,270,926.00
FDR Student Fund with YES bank	35,981,191.54	32,785,656.75
FDR S.W.F. with ICICI	-	135,490.00
Student Fund with Canara Bank	-	123,306,484.00
FDR Corpus Fund with Canara Bank	148,859,178.33	135,432,021.00
Deposit with PD Account No. 15 (Pension)	10,195.00	9,379.00
Total	193,890,693.87	299,939,956.75

Note: The Total in this sub schedule will agree with the total in Schedule 5.



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Balance Sheet 2014 - 15

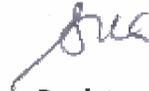
SCHEDULE 6 - INVESTMENTS - OTHERS

Amount in Rupees

Particular	Current Year	Previous Year
1. In Central Government Securities	-	-
2. In State Government Securities	-	-
3. Other approved Securities	-	-
4. Shares	-	-
5. Debentures and Bonds	-	-
6. Others (to be specified)	-	-
Total	-	-



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Balance Sheet 2014 - 15

SCHEDULE 7 - CURRENT ASSETS

Amount in Rupees

Particular	Current Year	Previous Year
<u>1. Stock:</u>		
a) Stores and Spares	-	-
b) Loose Tools	-	-
c) Publications	-	-
d) Laboratory chemicals, consumables and glass ware	-	-
e) Building Material	-	-
f) Electrical Material	-	-
g) Stationery	-	-
h) Water supply material	-	-
<u>2. Sundry Debtors:</u>		
a) Debts Outstanding for a period exceeding six months	-	-
b) Others	-	-
<u>3. Cash and Bank Balances:</u>		
Cash Account	13,993,025.50	10,006,864.00
Postage	3,632.00	3,632.00
Unesco Coupons	558.03	558.03
University Forms (Stock)	13,125.00	13,125.00
a) With Scheduled Banks:		
In Current Accounts	34,471,109.12	17,945,661.68
In Term Deposit Accounts	178,850,108.52	59,364,354.77
In Savings Accounts	369,513,570.33	528,569,694.19
b) With Non-Scheduled Banks:		
In Term Deposit Accounts	-	-
In Savings Accounts	-	-
<u>4. Post Office - Saving Accounts:</u>		
	-	-
Total	596,845,128.50	615,903,889.67

Note: Annexure A shows the details of Bank Accounts



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Balance Sheet 2014 - 15

ANNEXURE A

Amount in Rupees

Particular	Current Year	Previous Year
I. Cash Accounts		
Cash Balance (MNIT)	104,853.00	125,409.00
Cash Balance (Guest House)	184,129.00	-
Cash Balance (CBERD)	13,704,043.50	9,881,455.00
Postage	3,632.00	3,632.00
UNESCO Coupons	558.03	558.03
University Forms (Stock)	13,125.00	13,125.00
II. Savings Bank Accounts		
ICICI SB-105615	108,277,507.74	181,169,345.30
ICICI - 20586	8,967,964.59	8,341,164.59
OBC SB - 22670	-374,180.00	265,271.45
PD Account No 15 (Interest Bearing)	71,951.00	66,192.00
SBI - Corpus Fund SB-36164	35,122,200.00	-
SBI - MNIT SB-81946	12,983,064.52	13,702,005.52
SBI - Staff Development SB-67320	23,414,800.00	-
YES BANK SB-355	75,788,795.48	302,574,017.30
Saving Bank Account ME Part Time	220,381.00	205,223.00
CMSIC Saving Bank Account	10,707.68	10,290.68
TEQIP		
SB Account with SBBJ	171,306.00	42982
SB Account with ICICI	42,380,846.32	10,933,313.19
R&C		
Saving Bank Account with ICICI	22,075,673.73	6,621,154.89
GUEST HOUSE		
Saving Bank Account	2,489,067.00	-



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CONSULTANCY		
Saving Bank Account	37,509,852.44	4,250,524.44
UKINDIA		
Saving Bank Account	305,099.35	293,220.35
IMPACT COMPUTER SSS STREAM PROJECT		
Saving Bank Account	68,032.00	65,383.00
IMPACT ELECTRONICS SSS STREAM PROJECT		
Saving Bank Account	30,501.48	29,606.48
Total	369,513,570.33	528,569,694.19
III. Current Account		
ICICI CA-0011	34,203,082.88	17,687,876.44
OBC 12351	29.30	29.30
SBI 10125472413	267,996.94	257,755.94
Total	34,471,109.12	17,945,661.68
IV. Term Deposits with Schedule Banks		
Fixed Deposit Receipts from Firms	35,000.00	35,000.00
FDR with ICICI Bank MNIT	59,713,379.00	3,117,376.00
ICC with Yes Bank	57,798,016.61	12,974,842.73
TEQIP with ICICI	-	10,904,174.22
TEQIP with OBC	-	6,694,998.00
FDR Scholarship SBBJ RKS	1,311,600.00	1,311,600.00
FDR Scholarship Yes Bank	150,000.00	163,500.00
CMSIC with Yes Bank	5,375,705.53	4,917,928.82
FDR R & C Fund with Yes Bank	39,137,634.38	10,206,096.00
FDR CBERD – MNIT, Jaipur with SBI	15,328,773.00	9,038,839.00
Total	178,850,108.52	59,364,354.77
Grand Total	596,845,128.50	615,903,889.67



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Balance Sheet 2014 - 15

SCHEDULE 8 - LOANS, ADVANCES & DEPOSITS

Amount in Rupees

Particular	Current Year	Previous Year
1. Advances to employees : (Non-interest bearing)		
a) Salary	5,000.00	5,000.00
b) Festival		
c) Medical Advances		
d) Advance to Staff	6,012,666.00	5,873,536.00
e) LTC Advance	1,015,805.00	1,067,775.00
f) Permanent Advance	458,568.00	241,340.00
g) TEQIP	572,980.00	555,673.00
i) R&C	1,398,214.00	599,681.00
j) Guest House	1,091,537.00	-
k) ME Part Time	12,895.00	12,895.00
l) Consultancy	325,251.00	30,000.00
m) CBERD	40,000.00	25,000.00
2. Long Term Advances to employees: (Interest bearing)		
a) Vehicle loan		
b) Home loan		
c) Food Grain Loan	660.00	660.00
3. Advances and other amounts recoverable in cash or in kind or for value to be received:		
a) On Capital Account		
Advance to Avas Vikas Sansthan	-122,387,185.00	1,162,448.00
Advance to CPWD	648,874.00	88,886,194.00
Ex. Engg. PWD	1,467,467.68	1,467,467.68
Advance to Avas Vikas Limited	142,200,000.00	35,700,000.00
Advance to M/s KMV Project Ltd., Hyderabad	30,403,107.00	43,296,041.00
b) To Suppliers		
Advance to MRF	6,280.00	6,280.00
Advance to Firm	3,038,165.00	3,038,165.00
Advance To M/S Global Presentation, Jaipur	10,284,135.00	-
Advance To Ceg Test House And Research Centre Pvt	50,000.00	
Internal Industrial Gases Ltd Hawrah	73,853.00	
Advance To M/S Natural Informatics Centre Service.	26,975,006.00	
Advance To M/S R K Fright System	2,094,579.00	
Advance To Renewable Energy Chair	154,800.00	
Advance To Vardhman Fab Tech Jaipur	53,097.00	

Balance Sheet 2014 - 15

Amount in Rupees

Particular	Current Year	Previous Year
c) Others		
Advance to Stores Officer	755,647.17	755,647.17
Advance for Lab. Work	34,000.00	34,000.00
MBA Course	17,296.00	17,296.00
MNIT Pension Fund	30,811.00	30,811.00
Advance to Ground Water Board	79,858.00	79,858.00
ITTC	500.00	500.00
AIEEE Counseling Expenses	12,130.00	12,130.00
Income Tax	-	42,485.78
Advance to R&C	143,224.00	143,224.00
Advance to Shri O.P. Singhal, Advocate	10,000.00	10,000.00
ASI	3,086.00	1,119.00
Centre of Energy & Environment	293,869.00	232,049.00
Loan to P.F. Trust	-	3,000,000.00
Advance to TEQIP	138,731.00	24,019.00
Payable To CBERD	-13,162,000.00	-
Recoverable From CCMT-2014	-20,000.00	-
TDS / Income Tax (Sal) Deposit Head)	7,422,837.78	-
TEQIP	160,366.00	160,366.00
R&C	914,292.00	33,048,492.00
Consultancy	1,528.00	80,098,085.07
UK INDIA	1,078,615.00	1,078,615.00
IMPACT COMPUTER SSS STREAM	116,687.00	116,687.00
IMPACT ELECTRONICS SSS STREAM	61,333.00	61,333.00
4. Prepaid Expenses:		
a) Insurance	-	-
b) Other expenses		
Prepaid Expenses	4,139,207.00	1,121,843.00
5. Deposits:		
NIT Delhi Deposit	528,309.00	528,309.00
RSEB	1,139,697.00	1,139,697.00
M/s Sanghi Oxygen Company	1,800.00	1,800.00
Jaipur Gas Service	6,700.00	6,700.00
Krishana & Company	200.00	200.00
Telephone Department	17,500.00	17,500.00
Chandra Industries	150.00	150.00

Balance Sheet 2014 - 15

Amount in Rupees

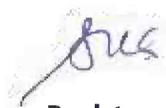
Particular	Current Year	Previous Year
Indian Oxygen Ltd.	4,000.00	4,000.00
Om Gas Agency	6,750.00	6,750.00
Jaipur Rotting Company	10,000.00	10,000.00
Mahalaxmi Gas Service	25,200.00	25,200.00
Ajit Service Station (Petrol Pump)	15,000.00	15,000.00
JVVN Limited, Jaipur	868,731.00	868,731.00
BSNL, Jaipur	100,680.00	100,680.00
6. Income Accrued:		
a) On Investments from Earmarked / Endowment Funds		-
b) On Investments - Others		-
c) On Loans and Advances		-
d) Others (includes income due unrealized)		-
7. Other - Current assets receivable from UGC / Sponsored projects:		
a) Debit balances in Sponsored Projects (Staff Development Programme Dr. Vineet Sahula)	35,440.00	35,440.00
b) Debit balances in Sponsored Projects (UK India REC Project)		
c) Debit balances in Sponsored Fellowships & Scholarships (annexure as per ERP)	2,769,687.00	2,769,687.00
d) INDACON 2013	2,400.00	2,400.00
e) AASP 2013	2,000.00	2,000.00
f) KVPY	172.00	172.00
g) NSS	44.00	44.00
h) CSAB-2013	86,027.00	83,693.00
i) DST Fellowship receivable (Parul Gupta)	11,528.00	-
j) BLITZEG 2014	145,279.00	-
k) Grants Receivable from Govt. of India	420,000,000.00	50,000,000.00
l) Grnat receivable from Minstry of Steel for steel Chair	600,000.00	
m) UK INDIA	3,859,378.95	3,859,378.95
8. Claims Receivable:		
-	-	-
Total	538,464,445.58	361,514,247.65

Note:

If revolving funds have been created for House Building, Computer and Vehicle advances to employees, the advances will appear as part of Earmarked/endowment Funds. The balance against these interest-bearing advances will not appear in this schedule.



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Balance Sheet 2014 - 15

SCHEDULE 9 - ACADEMIC RECEIPTS

Particular	Amount in Rupees	
	Current Year	Previous Year
FEES FROM STUDENTS		
Academic		
Admission Processing Fees	8,117,000.00	63,962,017.44
Institute Fees	187,521,922.79	163,176,601.82
Total (A)	195,638,922.79	227,138,619.26
Examinations		
Admission Test fee	-	-
Annual Examination fee	-	-
Mark sheet, certificate fee	-	-
Entrance examination fee	-	-
Total (B)	-	-
Other Fees		
Identity card fee	-	-
Fine / Miscellaneous fee	-	-
Medical fee	-	-
Transportation fee	-	-
Hostel fee	-	-
Late fee	-	140,000.00
Total (C)	-	140,000.00
Sale of Publications		
Sale of Admission forms	863,850.00	1,126,537.00
Sale of Syllabus and Question Paper, etc.	-	-
Sale of prospectus including admission forms	-	-
Total (D)	863,850.00	1,126,537.00
Other Academic Receipts		
Registration fee for workshops, programmes	-	-
Registration fees (Academic Staff College)	-	-
Total (E)	-	-
GRAND TOTAL (A+B+C+D+E)	196,502,772.79	228,405,156.26

Note:

In case fees like entrance fee, subscriptions etc are material and are in the nature of capital receipts, such amount should be recognized to the Capital Fund. Otherwise such fees will be appropriately incorporated in this schedule



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SCHEDULE 10 - GRANTS / SUBSIDIES (IRREVOCABLE GRANTS RECEIVED)

Amount in Rupees

Particular	Plan Govt. of India	Non Plan Grant	PHE Grant	QIP Poly Grant	Non Plan Recurring Grant Govt. Of Rajasthan	Plan Recurring Grant Govt. Of Rajasthan	Plan Grant Govt. of Rajasthan	Nodal Center Grant	Current Year Total	Previous Year Total
Balance B/F	38,520,949.72	47,395,597.78	-8,676,602.51	-4,683,331.00	-4,726,421.10	-12,680.78	-350,000.00	-3,139,224.26	64,328,287.85	247,570,263.55
Add : Receipts during the Year	1,000,000,000.00	320,000,000.00	-	-	-	-	-	-	1,320,000,000.00	915,000,000.00
Add: Income	-	-	-	-	-	-	-	-	-	396,900.00
Total	1,038,520,949.72	367,395,597.78	-8,676,602.51	-4,683,331.00	-4,726,421.10	-12,680.78	-350,000.00	-3,139,224.26	1,384,328,287.85	1,162,967,163.55
Less : Refund	-	-	-	-	-	-	-	-	-	-
Balance	1,038,520,949.72	367,395,597.78	-8,676,602.51	-4,683,331.00	-4,726,421.10	-12,680.78	-350,000.00	-3,139,224.26	1,384,328,287.85	1,162,967,163.55
Less: Utilised for Capital expenditure (A)	1,189,921,911.83	-	-	-	-	-	-	-	1,189,921,911.83	672018981.5
Balance	-151,400,962.11	367,395,597.78	-8,676,602.51	-4,683,331.00	-4,726,421.10	-12,680.78	-350,000.00	-3,139,224.26	194,406,376.02	490,948,182.07
Less: Utilised for Revenue Expenditure (B)	63,072,971.33	362,526,499.48	2,010,527.00	105,642.00	-	-	-	697,538.00	428,413,177.81	426619894.22
Balance C/F	-214,473,933.44	4,869,098.30	-10,687,129.51	-4,788,973.00	-4,726,421.10	-12,680.78	-350,000.00	-3,836,762.26	-234,006,801.79	64,328,287.85

- A- Appears as addition to Capital Fund as well as additions to Fixed Assets during the year.
- B- Appears as income in the Income & Expenditure Account.
- C- (I) Appears under Current Liabilities in the Balance Sheet and will become the opening balance next year.
(II) Represented by Bank balances, Investments and Advances on the assets side.

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Balance Sheet 2014 - 15

SCHEDULE 11 - INCOME FROM INVESTMENTS

Amount in Rupees

Particulars	Earmarked / Endowment Funds		Other Investments	
	Current Year	Previous Year	Current Year	Previous Year
1. Interest				
a. On Government Securities	-	-	-	-
b. Other Bonds/Debentures	-	-	-	-
2. Interest on Term Deposits	-	-	-	-
3. Income accrued but not due on Term Deposits/Interest bearing advances to employees	-	-	-	-
4. Interest on Savings Bank Accounts	-	-	-	-
5. Others (Specify)	-	-	-	-
Total	-	-	-	-
Balance	Nil	Nil		

Note:

Interest accrued but not due on Term Deposits from HBA fund, conveyance advance fund and Computer Advance fund and on interest bearing advances to employees will be included here (Item 3), only where Revolving funds (EMF) for such advances have been set up.



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SCHEDULE 12 - INTEREST EARNED

Amount in Rupees

Particulars	Current Year	Previous Year
1. On Saving Accounts with scheduled banks		
MNIT	23,102,328.92	26,038,813.55
CMSIC	458,193.71	428,876.40
Student Fund	-	20,679,286.85
ICC	7,494,677.81	7,460,018.81
ME Part Time	15,158.00	13,099.00
UK India Rec Project	11,879.00	9,526.00
Impact Computers	2,649.00	2,125.00
Impact Electronics	895.00	962.00
2. On Loans		
a. Employees / Staff	-	-
b. Others	-	-
3. On Debtors and Other Receivables	-	-
Total	31,085,781.44	54,632,707.61

Note:

1. The amount against item 1, in respect of Bank Accounts of Earmarked / Endowment Funds is dealt with in Schedule 11 (First Part) and Schedule 2.
2. Item 2(a) is applicable only if Revolving Funds have not been constituted for such advances.



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SCHEDULE 13 -Other Income

Items of material amounts included in Miscellaneous Income should be separately disclosed.

Amount in Rupees

Particular	Current Year	Previous Year
A. Income from Land & Buildings		
Hostel Room Rent	26,717,400.00	11,461,200.00
License fee		
Recovery of Quarter Rent	940,769.00	992,935.00
Rent of Building	35,890.00	72,035.00
Light & Water Charges (Hostel)	38,726,161.00	17,217,299.00
Water Charges recovered	190,432.00	186,208.00
Guest House Income	8,694.00	-
Total	66,619,346.00	29,929,677.00
B. Sale of Institute's publications		
C. Income from holding events		
1. Gross Receipts from annual function / sports carnival		
Less Direct expenditure incurred on the annual function / sports carnival		
2. Gross Receipts from fetes		
Less Direct expenditure incurred on the fetes		
3. Gross Receipts for educational tours		
Less Direct expenditure incurred on the tours		
4. Others (to be specified and separately disclosed)		
Total	-	-
D. Others		
Income from consultancy	-	-
RTI fees	-	-
Income from Royalty	-	-
Interest on Mobilization Advance	1,904,019.00	-
Sale of application form (recruitment)	675,300.00	-
Sale of Pension Set	240.00	-
Misc. receipts	3,309,813.83	2,570,805.86
Profit on Sale/disposal of Assets	-	-
a) Owned assets	-	-
b) Assets received free of cost	-	-
Grants/Donations from Institutions, Welfare Bodies and International Organizations Others (specify)	-	-
Total	5,889,372.83	2,570,805.86
Grand Total (A+B+C+D)	72,508,718.83	32,500,482.86



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Balance Sheet 2014 - 15

SCHEDULE 14 - PRIOR PERIOD INCOME

Amount in Rupees

Particular	Current Year	Previous Year
Academic Receipts	-	-
Income from Investments	-	-
Interest earned	-	-
Other Income	-	-
Total	-	-



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Balance Sheet 2014 - 15

SCHEDULE 15 - STAFF PAYMENTS & BENEFITS (ESTABLISHMENT EXPENSES)

These shall be classified separately for teaching and non-teaching staff; adhoc staff, o Arrears of DA, Salary arrears due to increment shall be shown separately.

Amount in Rupees

Particular	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Bonus	-	718,140.00	718,140.00	-	758,837.00	758,837.00
Children Education Allowance	-	4,755,515.00	4,755,515.00	-	3,254,205.00	3,254,205.00
City Compensatory Allowance (Teaching Staff)	-	-	-	-	-13,200.00	-13,200.00
Commutation Of Pension	-	3,720,708.00	3,720,708.00	-	8,758,514.00	8,758,514.00
CPDA	-	3,500,472.00	3,500,472.00	-	18,784,196.00	18,784,196.00
Dearness Allowance	-	155,904,521.00	155,904,521.00	-	123,738,307.00	123,738,307.00
Dearness Pay	-	616.00	616.00	-	-2,593,386.00	-2,593,386.00
Deputation Allowance	-	92,335.00	92,335.00	-	93,970.00	93,970.00
Encashment of Leave on Retirement	-	21,846,068.00	21,846,068.00	-	23,185,712.00	23,185,712.00
FWA	-	73,200.00	73,200.00	-	124,328.00	124,328.00
Grade Pay	-	29,895,095.00	29,895,095.00	-	25,890,714.00	25,890,714.00
Gratuity	-	16,052,850.00	16,052,850.00	-	19,424,545.00	19,424,545.00
Guest Faculty	-	15,458,187.00	15,458,187.00	-	12,331,986.00	12,331,986.00
Contractual Services	-	60,911,511.00	60,911,511.00	-	40,845,273.00	40,845,273.00
House Rent Allowance	-	14,231,768.00	14,231,768.00	-	12,935,630.00	12,935,630.00
Insurance	-	-	-	-	-	-
Interim Arrear	-	-	-	-	-100,000.00	-100,000.00
Leave Salary	-	372,118.00	372,118.00	-	-672,909.00	-672,909.00
Medical Allowance to Pensioners	-	1,253,904.00	1,253,904.00	-	1,228,502.00	1,228,502.00
Medical Reimbursement	-	6,288,916.00	6,288,916.00	-	4,617,292.00	4,617,292.00
Non Practice Allowance	-	55,105.00	55,105.00	-	-	-
Other Allowance	-	44,170.00	44,170.00	-	29,319.00	29,319.00
Overtime Allowance	-	35,234.00	35,234.00	-	45,745.00	45,745.00
Pay of Establishment (Non Teaching Staff)	-	35,543,016.00	35,543,016.00	-	35,001,729.00	35,001,729.00
Pay of Officers	-	96,934,560.00	96,934,560.00	-	90,254,835.00	90,254,835.00
Pension Contribution	-	-	-	-	-392,604.00	-392,604.00
Pension Contribution (Salary)	-	6,615,303.00	6,615,303.00	-	3,767,694.00	3,767,694.00
Pension (Expenditure)	-	82,630,330.00	82,630,330.00	-	74,940,613.00	74,940,613.00
Special Allowance	-	40,000.00	40,000.00	-	60,000.00	60,000.00
Special Pay	-	15,600.00	15,600.00	-	15,600.00	15,600.00
Transportation Allowance	-	23,330,568.00	23,330,568.00	-	20,260,075.00	20,260,075.00
Warden Allowance (Teaching Staff)	-	1,115,004.00	1,115,004.00	-	920,517.00	920,517.00
Washing Allowance (Non Teaching Staff)	-	123,878.00	123,878.00	-	112,465.00	112,465.00
Earned Leave Encashment for LTC	-	1,190,094.00	1,190,094.00	-	1,346,779.00	1,346,779.00
LTC	-	4,610,717.00	4,610,717.00	-	6,095,829.00	6,095,829.00
Honorarium for Recruitment of Non Teaching Staff	-	8,300.00	8,300.00	-	-	-
TOTAL	-	587,367,803.00	587,367,803.00	-	525,051,112.00	525,051,112.00

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SCHEDULE 15 A - EMPLOYEES RETIREMENT AND TERMINAL BENEFITS

Amount in Rupees

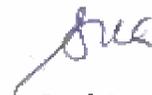
Particular	Gratuity	Leave Encashment	Total
Opening Balance as on 01.04.2014	175,823,540.00	163,263,018.00	339,086,558.00
Additional: Capitalized value of Contributions Received from other Organizations	-	-	-
Total (a)	175,823,540.00	163,263,018.00	339,086,558.00
Less : Actual Payment during the year (b)	7,658,245.00	5,858,941.00	13,517,186.00
Balance Available on 31.03 c (a-b)	168,165,295.00	157,404,077.00	325,569,372.00
Provision required on 31.3 as per Actuarial Valuation (d)	184,218,145.00	179,250,145.00	363,468,290.00
A. Provision to be made in the Current Year (d-c)	16,052,850.00	21,846,068.00	37,898,918.00
B. Contribution to New Pension Scheme	-	-	-
c. Medical Reimbursement to Retired Employees	-	-	-
D. Travel to Hometown on Retirement	-	-	-
E. Deposit Linked Insurance Payment	-	-	-
Total (A+B+C+D+E)	16,052,850.00	21,846,068.00	37,898,918.00

Note:

1. The total (A+B+C+D+E) in this sub schedule will be the figure against Retirement and Terminal Benefits in Schedule 15.
2. Items B,C,D & E will be accounted on accrual basis and will include bills preferred but outstanding for payment on 31/3.



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SCHEDULE 16 - ACADEMIC EXPENSES

Amount in Rupees

Particular	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Affiliation and Course Registration Fee	-	54,618.00	54,618.00	-	433,400.00	433,400.00
Attending National International Conference	-	-	-	-	114,477.00	114,477.00
Books and Periodicals	-	395,826.00	395,826.00	-	2,710,304.00	2,710,304.00
Book Bank	-	-	-	-	1,266,050.00	1,266,050.00
Convocation Exp.	-	809,896.00	809,896.00	-	4,866,264.00	4,866,264.00
Industrial Training & Placement Fee	-	-	-	-	223,624.00	223,624.00
Golden Jubilee Celebration	-	-31,335.00	-31,335.00	-	4,415,292.00	4,415,292.00
Invited Lectures	-	1,285,361.00	1,285,361.00	-	-	-
Leverage	-	528,936.00	528,936.00	-	-	-
Scholarship	-	-	-	-	38,072,145.00	38,072,145.00
M Tech Scholarship Expenditure	-	38,310,340.79	38,310,340.79	-	-	-
PHE Scholarship Expenditure	-	126,428.00	126,428.00	-	-	-
QIP Scholarship Expenditure	-	105,642.00	105,642.00	-	-	-
Raw Materials for All Labs/ Deptt.	-	3,740,362.00	3,740,362.00	-	2,009,915.00	2,009,915.00
Research Scholarships Expenditure	-	23,739,945.54	23,739,945.54	-	-	-
Student Activity	-	7,450.00	7,450.00	-	287,105.00	287,105.00
Symposium and Seminar	-	1,580,226.00	1,580,226.00	-	1,452,032.00	1,452,032.00
Alumni Association	-	-	-	-	278,821.00	278,821.00
Sports & Creative Art Society	-	-	-	-	3,504,508.00	3,504,508.00
MNIT Examination Fund	-	-	-	-	3,308,880.85	3,308,880.85
I-Card	-	-	-	-	68,920.00	68,920.00
Library Fee	-	-	-	-	8,495.00	8,495.00
Student Welfare	-	-	-	-	107,469.00	107,469.00
Student Insurance	-	-	-	-	1,696,800.00	1,696,800.00
Transcript Fee	-	-	-	-	61,086.00	61,086.00
Total	-	70,653,696.33	70,653,696.33	-	64,885,587.85	64,885,587.85



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SCHEDULE 17 - ADMINISTRATIVE AND GENERAL EXPENSES

Amount in Rupees

PARTICULAR	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
A. INFRASTRUCTURE	-	-	-	-	-	-
Electricity Charges	-	31,596,314.00	31,596,314.00	-	27,862,097.00	27,862,097.00
ERP (AMC)	-	2,406,071.00	2,406,071.00	-	-	-
Insurance of Institute Property	-	6,681.00	6,681.00	-	162,322.00	162,322.00
Internet Lease Line	-	11,745,099.00	11,745,099.00	-	3,313,773.00	3,313,773.00
Total (A)	-	45,754,165.00	45,754,165.00	-	31,338,192.00	31,338,192.00
B. COMMUNICATION	-	-	-	-	-	-
Postage Telephone and Telegram	-	2,976,471.00	2,976,471.00	-	2,077,331.00	2,077,331.00
Total (B)	-	2,976,471.00	2,976,471.00	-	2,077,331.00	2,077,331.00
C. OTHERS	-	-	-	-	-	-
Nit Transit House, New Delhi	500,000.00	-	500,000.00	-	-	-
Advertisement	-	5,071,303.00	5,071,303.00	-	5,991,903.00	5,991,903.00
Audit Fees	-	1,055,350.00	1,055,350.00	-	243,180.00	243,180.00
Boarding and Lodging	-	151,220.00	151,220.00	-	468,922.00	468,922.00
Campus Wide Network - Recurring	-	130,367.00	130,367.00	-	-	-
Contingent Expenses	-	5,420,379.02	5,420,379.02	-	4,144,909.45	4,144,909.45
First Aid and Medicines	-	436,433.00	436,433.00	-	126,105.00	126,105.00
Fuel Charges	-	43,120.00	43,120.00	-	-	-
Legal Expenses	-	649,190.00	649,190.00	-	423,300.00	423,300.00
Printing and Stationery	-	3,709,635.00	3,709,635.00	-	2,779,645.00	2,779,645.00
Refreshment and Entertainment	-	1,377,143.00	1,377,143.00	-	945,934.00	945,934.00
Travelling Allowance	-	2,434,111.00	2,434,111.00	-	3,196,197.00	3,196,197.00
Institute Guest House	-	-	-	-	5,211,048.00	5,211,048.00
Education Tour	-	32,379.00	32,379.00	-	27,190.00	27,190.00
Misc. Expenses	-	-	-	-	348,490.00	348,490.00
Vehicle Maintenance	-	1,048,470.00	1,048,470.00	-	929,567.00	929,567.00
Other Administrative Expenses (ICC)	-	557,370.00	557,370.00	-	204,495.00	204,495.00
Total (C)	500,000.00	22,116,470.02	22,616,470.02	-	25,040,885.45	25,040,885.45
Total (A+B+C)	500,000.00	70,847,106.02	71,347,106.02	-	58,456,408.45	58,456,408.45
Transfer to Corpus, Staff Development & Maintenance Fund @2% of Administrative & Establishment Expenses	-	14,913,012.23	14,913,012.23	-	13,746,717.37	13,746,717.37
Transfer to Staff Development, Maintenance Fund, Depreciation Fund @1.5% of Administrative & Establishment Expenses of Previous Year	-	-	-	-	10,147,746.39	10,147,746.39
Grand Total	500,000.00	85,760,118.25	86,260,118.25	-	82,350,872.21	82,350,872.21



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SCHEDULE 18 - TRANSPORTATION EXPENSES

Amount in Rupees

Particular	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Transport Arrangement	-	83,039.00	83,039.00	-	669,290.00	669,290.00
Total	-	83,039.00	83,039.00	-	669,290.00	669,290.00



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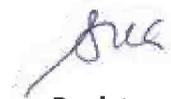
SCHEDULE 19 - REPAIRS & MAINTENANCE

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Estate Maintenance	-	8,483,669.00	8,483,669.00	-	6,929,096.00	6,929,096.00
Garden Maintenance	-	833,051.00	833,051.00	-	50,530.00	50,530.00
Maint. of Air Conditioning / Coolers	-	306,650.00	306,650.00	-	18,564.00	18,564.00
Maint. of Computers	-	573,082.00	573,082.00	-	436,582.00	436,582.00
Maint. of Hostel Building (Hostel)	-	1,258,033.00	1,258,033.00	-	1,997,782.00	1,997,782.00
Maint. of Staff Quarters	-	2,599,587.00	2,599,587.00	-	386,689.00	386,689.00
Repairs/Renewal of Furniture and Equipment	-	3,096,422.00	3,096,422.00	-	2,875,265.00	2,875,265.00
Repair & Maintenance (Plan)	-	-	-	25,578,962.00	-	-
Total	-	17,150,494.00	17,150,494.00	25,578,962.00	12,694,508.00	38,273,470.00



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SCHEDULE 20 - FINANCE COSTS

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Bank charges	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:

If the amount is not material, the head Bank charges could be omitted and these could be accounted as Administrative expenses in Schedule 17.

SCHEDULE 21 - OTHER EXPENSES

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Bank charges	-	-	-	-	-	-
Irrecoverable Balances Written - off	-	-	-	-	-	-
Grants/Subsidies to other institutions / organizations	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-
Total	-	-	-	-	-	-

Note:

Other expenses shall be classified as writes - off, provisions, miscellaneous expenses, loss on sale of investments, loss of fixed assets and loss on sale of fixed assets etc and disclosed accordingly.



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SCHEDULE 22 - PRIOR PERIOD EXPENSES

Amount in Rupees

Particulars	Current Year			Previous Year		
	Plan	Non Plan	Total	Plan	Non Plan	Total
Establishment expenses	-	-	-	-	-	-
Academic expenses	-	-	-	-	-	-
Administrative expenses	-	30,072.00	-	-	-	-
Transportation expenses	-	-	-	-	-	-
Repairs & Maintenance	-	-981,599.00	-	-	-	-
Others expenses	-	-	-	-	-	-
Total	-	-951,527.00	-951,527.00	-	-	-



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SCHEDULE: 23

SIGNIFICANT ACCOUNTING POLICIES

1. BASIS FOR PREPARATION OF ACCOUNTS

The accounts are prepared under the Historical Cost Convention unless otherwise stated and generally on the Accrual method of accounting.

2. REVENUE RECOGNITION

2.1 Fees from Students, Sale of Admission Forms, Royalty and Interest on Savings Bank account are accounted on cash basis.

2.2 Income from Land, Buildings and Other Property are accounted on cash basis.

3. FIXED ASSETS AND DEPRECIATION

3.1 Fixed assets are stated at cost of acquisition including inward freight, duties and taxes and incidental and direct expenses related to acquisition, installation and commissioning.

3.2 Gifted / Donated assets are valued at the declared value where available; if not available, the value is estimated based on the present market value adjusted with reference to the physical condition of the asset. They are set-up by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets.

3.3 Books received as gifts, are valued at selling prices printed on the books. Where they are not printed, the value is based on assessment.

3.4 Fixed assets are valued at cost less accumulated depreciation. Depreciation on fixed assets is provided on Straight line method, at the following rates:

Tangible Assets:

1.	Land	0%
2.	Site Development	0%
3.	Buildings	2%
4.	Roads & Bridges	2%
5.	Tube wells & Water Supply	2%
6.	Sewerage & Drainage	2%
7.	Electrical Installation and equipment	5%
8.	Plant & Machinery	5%
9.	Scientific & Laboratory Equipment	8%
10.	Office Equipment	7.5%
11.	Audio Visual Equipment	7.5%
12.	Computers & Peripherals	20%
13.	Furniture, Fixtures & Fittings	7.5%
14.	Vehicles	10%
15.	Lib. Books & Scientific Journals	10%

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Intangible Assets (amortization):

- | | | |
|----|------------------------|---------|
| 1. | E-Journals | 40% |
| 2. | Computer Software | 40% |
| 3. | Patents and Copyrights | 9 years |

- 3.5 Depreciation is provided for the whole year on additions during the year.
- 3.6 Where an asset is fully depreciated, it will be carried at a residual value of Re. 1 in the Balance Sheet and will not be further depreciated. Thereafter, depreciation is calculated on the additions of each year separately at the rate of depreciation applicable for that asset head.
- 3.7 Assets created out of Earmarked Funds and funds of Sponsored Projects, where the ownership of such assets vests in the Institution, are setup by credit to Capital Fund and merged with the Fixed Assets of the Institution. Depreciation is charged at the rates applicable to the respective assets. Assets created out of Sponsored Project funds, where the ownership is retained by the sponsors but held and used by the Institution are separately disclosed in the Notes on Accounts.
- 3.8 Assets, the individual value of each of which is Rs. 2000 or less (except Library Books) are treated as Small Value Assets, 100% depreciation is provided in respect of such assets at the time of their acquisition. However physical accounting and control are continued by the holders of such assets.
- 3.9 The TEQIP Project account is maintained on cash basis and no depreciation is charged on assets created out of project fund as per the World Bank Norms.

4. Intangible Assets: Patents and copy rights, E Journals and Computer Software are grouped under Intangible Assets.

- 4.1 **PATENTS:** The expenditure incurred from time-to-time (application fees, legal expenses etc.) for obtaining Patents is temporarily capitalized and shown as part of Intangible Assets in the Balance Sheet. If applications for patents are rejected, the cumulative expenditure incurred on the particular patent is written off to the Income & Expenditure Account in the year the application is rejected.
The expenditure on Patents granted is written off over a life of 9 years on a conservative basis.
- 4.2 Electronic Journals (E-Journals) are separated from Library Books in view of the limited benefit that could be derived from the on-line access provided. E-journals are not in a tangible form, but temporarily capitalized and in view of the magnitude of expenditure and the benefit derived in terms of perpetual knowledge acquired by the Academic and Research Staff; Depreciation is provided in respect of E-journals at a higher rate of 40% as against depreciation of 10% provided in respect of Library Books.
- 4.3 Expenditure on acquisition of software has been separated from computers and peripherals, as apart from being intangible assets, the rate of obsolescence in respect of these is very high. Depreciation is provided in respect of software at a higher rate of 40% as against depreciation of 20% provided in respect of Computers & Peripherals.

5. RETIREMENT BENEFITS

Liability towards gratuity payable on death/ retirement of employees is to be calculated on the basis of 15 days salary for each completed year of services of each eligible employees i.e. employees who have completed five years continued service.

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Liability of leave encashment is calculated on the basis of salary of each employees with their balance of leaves.

6. INVESTMENTS

- a) Long term investments are carried at their cost or face value whichever is lower. However any permanent diminution in their value as on the date of the Balance Sheet is provided for.
- b) Short Term investments are carried at their cost or market value (if quoted) whichever is lower.
- c) Investments are to be valued at Cost, except in fixed deposit receipts are to be valued at cost plus interest accrued thereon.
- d) Cost shall include acquisition expenses like brokerage, transfer stamps etc.

7. GOVERNMENT GRANTS/ SUBSIDIES :

- 7.1 Government grants of the nature of contribution towards capital cost of setting up projects are treated as capital reserve.
- 7.2 Grants in respect of specific fixed assets acquired are made part of the capital reserve on utilisation of the grant.
- 7.3 Receipt of fees are classified as per nature capital and revenue as per Accounting Standard 6 issued by the Institute of Chartered Accountants.
- 7.4 Government grant are accounted on Grant sanction/accrual basis.

8. FOREIGN CURRENCY TRANSACTIONS:

Transactions / Purchases in foreign currency are recorded at the exchange rate paid to the bank.

9. Income/Surplus of Institute is exempted from Income Tax as per Section 10(23C) (iiiab) of Income Tax Act 1961.

10. ACCRUED INCOME

Accrued rent, electricity and water charges from various contractors are account for on actual realization basis due to conservative approach as per AS-1 (Prudence) issued by the Institute of Chartered Accountant of India.



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SCHEDULE: 24

CONTINGENT LIABILITIES AND NOTES TO ACCOUNTS

1. CONTINGENT LIABILITIES:
 - 1.1 As on 31.03.2015, the claim against the institution not acknowledged as debits Rs. Nil
 - 1.2 Bank Guarantees given on behalf of the institution Rs. Nil
 - 1.3 In respect of claims from parties for non execution of orders, but contested by the institution Rs. Nil
 - 1.4 Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. Nil.
2. Nature of the fixed assets has been determined on provisional basis as the value of each class of fixed assets shown needs to be arrived at accurately, on the basis of examination of vouchers of past years as well and this involve tremendous efforts and time. The depreciation charged thereon, therefore is subject to change on such recategorisation of the fixed assets.
3. In the opinion of the management, the value of the current assets, Loans and advances have the revisable value stated.
4. So far the cash system of accounting was being followed, but due to the inference drawn from the new format of accounts the system has been changed to the mercantile. Expenses paid for the earlier years.
5. Figures are exhibiting rounding them off in the Balance Sheet, Income Expenditure Account and Receipt and Payment Account.
6. All Grant received by Institute are refundable .
7. Schedules 1 to 24 are annexed to and form an integral part of the Balance Sheet as at 31.03.2015 and the Income and Expenditure Account for the year ended on that date.
8. Emeritus Fellowship and Career Awards Scheme to Young Teachers are the funds that were included in Provident/Endowment/Earmarked Funds till Previous Year now have been included in Sponsored Fellowships and Scholarships.
9. Bikaner Engineering College, Projects Grant (Institute fund), Travel, Seminar and other grants, TEQIP, Project CBERD – MNIT, Student fund, Earmarked fund (R & C) and UK India are the funds that were included in Provident/Endowment/Earmarked Funds till Previous Year now have been included in Sponsored Projects.
10. As per MHRD new approved account format, Provident Fund (PF Trust) has been excluded from this Balance Sheet. Separate Balance Sheet for PF Trust has been attached with institute Annual Accounts.
11. Previous Year Figures have been regrouped & rearranged wherever found necessary.
12. As per Accounting Principles approved by MHRD, figures in Balance Sheet and Income & Expenditure have been shown in lakh.



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Balance Sheet 2014 - 15

RECEIPT & PAYMENT ACCOUNT

Amount in Rupees

RECEIPTS	Current Year	PAYMENTS	Current Year
I. Opening Balances			
a) Cash Balances:-			
Institute	125,409.00	a) Establishment Expenses	488,537,991.40
Guest House	50,978.00	b) Academic Expenses	68,944,015.00
UNESCO Coupons	558.03	c) Administration Expenses	82,311,246.92
Postage	3,632.00	d) Transportation Expenses	35,562.00
University forms (stock)	13,125.00	e) Repairs & Maintenance	17,716,532.00
b) Bank Balance		f) Prior period Expenses	
i) In Current Accounts	-	II. Payments against Earmarked / Endowment Funds	2,718,160.00
ICICI CA-0011	-	III. Payments against Sponsored Projects/Schemes	17,388,899.00
ii) In Deposit Accounts	17,687,876.44	IV. Payments against Sponsored Fellowships / Scholarships	
Institute	301,431,385.00	V. Investments and Deposits made	
Consultancy	12,186,695.00	a) Out of Earmarked/Endowments funds	16,985,034.00
R & C	10,000,000.00	b) Out of own funds (Investments – others)	-
TEQIP	17,599,172.00	VI. Term Deposits with Scheduled Banks	
CBERD	9,038,839.00	"VII. Expenditure on Fixed Assets and Capital Works- in –Progress"	
CMSIC	4,687,083.73	a) Fixed Assets	229,539,450.83
iii) Savings Accounts		b) Capital Works-in-Progress	223,479,183.00
Institute:-		VIII. Other Payments including statutory payments	
ICICI SB-105615	181,169,345.30	IX. Refunds of Grants(R&C)	49,493,701.94
ICICI-20586	8,341,164.50	X. Deposits and Advances	1,322,114.00
OBC 12351	29.30	a) Earmarked funds	
OBC SB-22670	265,271.45	b) Secured Loans	
PD Account No. 15 (Interest Bearing)	66,192.00	c) Unsecured Loans	

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Amount in Rupees		Current Year	Current Year
RECEIPTS	PAYMENTS	Current Year	Current Year
SBI 10125472413	d) Other Liabilities and Provisions	257,755.94	447,921,332.59
SBI-MNIT SB-81946	e) Other Liabilities and Provisions(Units)	13,702,005.52	21,554,446.00
YES BANK SB-355	f) Provident/Endowment Funds Investments	302,574,017.30	
Institute Units:-	g) Investment Others		1,829,615,099.00
Consultancy	h) Current Assets, Loans and Advances	4,250,524.44	
R & C	i) Current Assets, Loans and Advances (Units)	6,621,154.89	1,106,537.00
Research	XI. Other Payments (units)	10,976,295.00	15,610,086.00
Impact Computer SSS Stream	XII. Closing Balances	65,383.00	
Impact Electronic SSS Stream	a) Cash in hand	29,606.48	
UK India	Institute	293,220.35	104,853.00
ME Part Time	Guest House	205,223.00	184,129.00
CBERD	UNESCO Coupons	9,881,455.50	558.03
CMSIC	Postage	10,290.68	3,632.00
II. Grants Received	University forms(stock)		13,125.00
a) From Government of India	b) Bank Balances		
Plan Grant	i) In Current accounts	680,000,000.00	
Non Plan Grant	ICICI CA-0011	270,000,000.00	34,203,082.88
PHE Grant	ii) In Deposit Accounts	-	
Nodal Centre Grant	Institute	-	250,923,513.22
QIP Grant	Units	-	113,469,176.01
TEQIP Grant	Savings accounts	42,700,000.00	
CBERD	Institute	15,070,000.00	
b) From State Government	ICICI SB-105615		108,277,507.74
c) From other sources (details)	ICICI-20586		8,967,964.59
OBC 12351		29.30	

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RECEIPTS	Current Year	PAYMENTS	Amount in Rupees	
			Current Year	Current Year
III. Academic Receipts	195,023,042.79	OBC SB-22670	-374,180.00	
IV. Receipts against Earmarked/ Endowment Funds		P.D Account No. 15 (Interest Bearing)	71,951.00	
V. Receipts against Sponsored Projects/Schemes		SBI 10125472413	267,996.94	
Institute		SBI-MNIT SB-81946	12,983,064.52	
Units	6,334,206.00	YES BANK SB-355	75,788,795.48	
R & C	30,177,009.00	SBI-Corpus Fund SB-36164	35,122,200.00	
VI. Receipts against sponsored Fellowships and Scholarships		SBI-Staff Development SB-67320	23,414,800.00	
VII. Income on Investments from		Units		
a) Earmarked/Endowment funds	102,557,822.37	Consultancy	37,509,852.44	
b) Other investments		Guest House	2,489,067.00	
VIII. Interest received on		Research	22,075,673.73	
a1) Bank Deposit (Institute)	21,742,959.92	TEQIP	42,552,152.32	
a2) Bank Deposit (Units)	9,518,251.32	Impact Computer SSS Stream	68,032.00	
b) Loans and Advances		CBERD	13,704,043.50	
c) Saving Bank Accounts		Impact Electronic SSS Stream	30,501.48	
IX. Investments encashed		UK India	305,099.35	
X. Term Deposits with Scheduled Banks encashed		ME Part Time	220,381.00	
XI. Other income (including Prior Period Income)		CMSIC	10,707.68	
XII. Deposits and Advances				
a) Fund received from R&C				
i) to Corpus fund	11,093,810.00			
ii) to Staff Development Fund	5,512,453.50			
iii) to R&D Fund(General)	1,587,919.00			

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Amount in Rupees

RECEIPTS	Current Year	PAYMENTS	Current Year
iv) to R&D Fund(ELE. ENGG DEPT.)	-		
v) to R&D Fund(MET.ENGG DEPT.)	-		
vi) to R&D Fund(CHEMICAL ENGG DEPT.)	-		
vii) to R&D Fund(CIVIL)	41,681.50		
viii) to R&D Fund(COMPUTER ENGG.)	-		
ix) to R&D Fund(ECE)	-		
x) to R&D Fund(MECHANICAL ENGG.)	-		
xi) to R&D Fund(STRUCT.)	-		
b) Earmarked funds	3,271,821.00		
c) Units	24,808,224.99		
d) Receipt of secured Loans			
e) Receipt of unsecured Loans			
f) Other Liabilities and Provisions	424,171,957.75		
g) Other Liabilities and Provisions			
h) Provident/Endowment Funds Investments			
i) Investment Others			
j) Current assets, loans and Advances	1,347,452,567.00		
k) Current assets, loans and Advances (Units)	33,523,341.00		
XIII. Miscellaneous Receipts including Statutory Receipts			
XIV. Any Other Receipts			
a) Other Income	72,859,478.83		
b) Other Income (Units)	87,686,866.07		
Total	4,296,667,099.89	Total	4,296,667,099.89


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Director