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**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY,
JAIPUR**

ANNUAL REPORT 2011-12

REVIEW

ACADEMIC PROGRAMMES

(a) Undergraduate Programmes (Bachelor of Technology)

Courses of study are offered in the following disciplines leading to the Bachelors degree

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg. (4 years)	92
	Total	802

(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M.Tech. in Water Resource Engineering	Civil Engg.
2.	M. Tech. in Environmental Engineering	Civil Engg.
3.	M. Tech. in Power Systems	Electrical Engg.
4.	M. Tech. in Metallurgical & Materials Engineering	Metallurgical & Materials Engg.
5.	M. Tech. in Electronics and Comm. Engineering	Electronics & Comm. Engg.
6.	M.Tech. in Transportation Engineering	Civil Engg.
7.	M.Tech. in Manufacturing System Engineering	Mechanical Engg.
8.	M.Tech. in Structural Engineering	Structural Engg.

9.	M.Tech. in Chemical Engineering	Chemical Engg.
10.	M. Tech. in Energy Engineering	Mechanical Engg.
11.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
12.	M. Tech. in Computer Engineering	Computer Engg.
13.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
14.	M.Tech. in Renewable Energy	Centre for Env. & Energy
15.	M. Planning in Urban Planning	Architecture
16.	M. Sc. in Physics	Physics Dept.
17.	M. Sc. in Chemistry	Chemistry Dept.
18.	M. Sc. in Mathematics	Mathematics Dept.
19.	Master of Business Administration (MBA)	Management Studies Dept.
20.	Technology Management	Management Studies Dept.

ADMISSION PROCEDURE

(a) Undergraduate Programmes

The admission are made through AIEEE conducted by the Central Counselling Board i.e. CCB and online counselling conducted by Central Counselling Board on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through AIEEE is a pass in the final examination of 10+2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and MEA.

(b) Postgraduate Programmes

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

BOARD OF GOVERNORS

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

- (i) Chairman(appointed by MHRD, Govt. of India).
- (ii) One nominee of the State Government
- (iii) One nominee of the MHRD
- (iv) Director of the Indian Institute of Technology in the region of the nominee
- (v) A nominee of the AICTE
- (vi) Two industrialists/Technologists (non-official representatives) of the region to be nominated by the Central Government
- (vii) A nominee of the UGC
- (viii) Two representatives of the faculty of the institute to be nominated by the Chairman
- (ix) Head of another Technical Institution in the region or an eminent technologist nominated by the Central Government

- (x) An alumnus of the Institute from amongst alumni in Education /Industry to be nominated by the Board of Governors
 - (xi) Director of the Institute as Ex-officio member secretary
- Present composition of Board of Governors is given in Annexure 11.1

FINANCE COMMITTEE

The Committee is constituted by the Board of Governors. The composition is given in Annexure 11.2

BUILDING AND WORKS COMMITTEE

The Committee is constituted by the Board of Governors. The composition is given in Annexure 11.2

SENATE

Present composition 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 activities of the 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 provided in chapter 11.6. Sponsored research projects/consultancy worth more than Rs 7.8 crores are currently under progress at the institute. The consultancy revenue generation has 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 provided in chapter 11.3. The research output in the form of publication is journals/conference proceedings/books is 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

EXAMINATION AND EVALUATION

Credits System

The student is evaluated for his/her performance in a course through tutorials, practicals, homework assignments, term papers, file work, seminars, quizzes, midterm examinations and the end term examinations, as applicable according to the guidelines formulated by the UG Board for this purpose.

The answer books of midterm as well as end term examinations are shown to the students and discrepancies rectified by the examiner and thereafter the result are finalized by the Grade Moderation Committee.

Education at the Institute is organized around the credit system of study. The prominent features of the credit system is 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-coordinating 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 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 course) is converted into a semester and cumulative performance index called the Semester Grade Point Average (SGPA) and Cumulative Grade Point Average (CGPA). The details of the examination results are given in chapter 4.9.

SCHOLARSHIPS

A large number of scholarships are available to the undergraduate, postgraduate and Ph. D. students of the institute. The details of these scholarships along with their funding agencies are given in annexure 11.11

TRAINING AND PLACEMENT

The Placements for the academic year 2011-12 has been excellent. A total of **656** (556 B.Tech, 86 M.Tech, 6 B.Arch. and 8 MBA) offers have been made to the students by **109** elite groups of companies. The maximum and average packages offered are 16.0 LPA and 5.26 LPA respectively.

LIBRARY

The institute library has undergone renovation during the year and has been developed as a "Learning Resources Centre". It has been fully air-conditioned with access to online journals, e-granthalaya software for resource management and classification of books. The details are in chapter 9.3.

HOSTELS

There are twelve hostels for the students of our of our institute. A married student's hostel is available for Ph.D. research scholars. A total of 3111 students are residing in hostels. A team of Chief Warden, wardens is other staff manages the hostels. The details are given in chapter 4.5.

GAMES AND SPORTS

The department has been active in promoting sports activities and inculcating healthy sportsman spirit among the students. Our students have taken part in sports and won several prizes at various tournaments. The details about participation in these activities are given in chapter 2.11 and 4.7.

Date:
Place: Jaipur

(I.K. Bhat)
Director

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY, JAIPUR

ANNUAL REPORT

YEAR 2011-12

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 deemed to be university 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

The education system has been revamped in line with those practiced in the best Institutes of the world.

For Ph. D. programme, coursework concept has been introduced to ensure better quality of research.

New post graduate courses have been introduced and a large number of electives have been introduced to enable students to have a wider choice of subjects from inter-disciplinary areas. Courses specific to management, communication techniques and computer-aided design and programming have been introduced to keep pace with changing times. Curriculum development workshops have been organized by every department for upgrading UG and PG schemes.

The institute infrastructure is being revamped. The classrooms have been renovated with installation of overhead projectors, sound system for large class rooms and better acoustics.

2.0 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 enthalls 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. Grade, 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 20 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 nine undergraduate and twenty Postgraduate programmes viz. Architecture, Chemical Engineering, Civil Engineering, Computer Engineering, Electrical Engineering, Electronics & Communication Engineering, Mechanical Engineering, Metallurgical and Materials Engineering, Structural Engineering, Physics, Chemistry, Mathematics and Management departments. M.E. course in Non-ferrous-(Metallurgy) was started from the session 1971-72, M.E. course in Water Resource Engineering (Civil Engg.) was started from the year 1985-86, M.E. course in Power System (Electrical Engg.) was started with effect from the session 1987-88, M.E. in Environmental Engg. in Civil Engg. Dept. was started with effect from the session 1989-90 for sponsored candidates, nominated by the Ministry of Urban Development, Government of India, M.E. course in Electronics and Communication Engineering was started with effect from the session 1992-93. M.E. courses in Transportation Engineering (Civil Engg.), Manufacturing System Engineering (Mechanical Engg.) and Computer Aided Design in Structural Engineering were started from the session 1996-97. The nomenclature of M. Tech. course of Computer Aided Design in Structural Engineering has been changed in to M. Tech. in Structural Engineering from the session 2006-2007. Three new M. Tech. courses i.e. VLSI Design in Electronics & Communication Engineering Department, Energy Engineering in Mechanical Engineering Department and Chemical Engineering in Chemical Engineering Department were also started from the session 2006-2007. Three M. Sc. courses i.e. Physics, Chemistry and Mathematics in the respective Departments were also started in 2006-07. A postgraduate course in Master of Management Studies which was started by CMSIC from the session 1996-97 has now been discontinued due to administrative reasons. A new MBA course has been started from the session 2006-2007. M.Tech. in Computer Engineering and M. Planning in Urban Planning have started from the session 2008-09.

The bedrock of any academic institution is the quality of its faculty and in this arena, MNIT is at the forefront. Our 146-odd full-time experienced faculty has 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, lively 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 picturesque surrounding. The campus area has been organized into three functional sectors:

1. Hostels for Students
2. Instructional Buildings
3. Residential Sector for the Staff

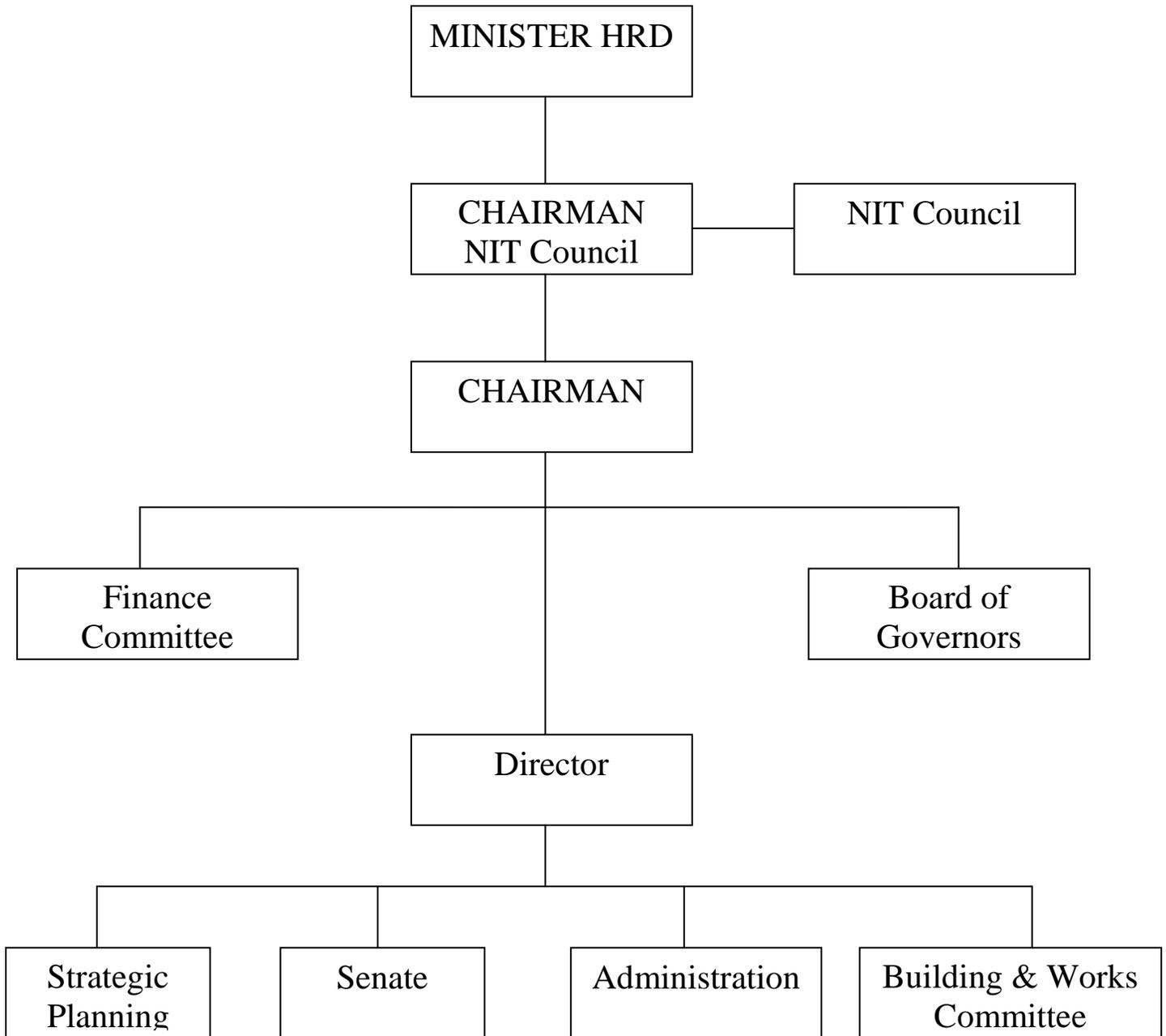
The instructional buildings have been so located that these are fairly near to both the hostels and the staff quarters and are at a walking distance from both. There is a branch of ICICI Bank on the premises and a Post-office in the campus. A full-fledged dispensary is supervised by a team of Medical 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) Chairman (appointed by MHRD, Govt. of India) (ii) one nominee of the State Government (iii) one nominee of MHRD, (iv) Director of the Indian Institute of Technology in the region or his nominee, (v) a nominee of the All India Council for Technical Education, (vi) & (vii) two Industrialist/Technologists (non-official representatives) of the region to be nominated by the Central Government (viii) a nominee of University Grants Commission (ix) & (x) two representatives of the faculty of the College to be nominated by the Chairman and (xi) Head of another technical institution in the region or an eminent technologist nominated by the Central Government (xii) An alumnus of the Institute from among the alumni in education/industry to be nominated by Board of Governors (xiii) Director of the Institute as Ex-officio member Secretary.

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

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 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)

Academic Programmes leading to B. Tech./B. Architecture Degree as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg. (4 years)	92
Total		802

(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

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

20.	Technology Management	Management Studies Dept.
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2.6 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 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.

2.7 ADMISSION PROCEDURE

(a) Undergraduate Programmes

The admission are made through AIEEE conducted by the Central Counselling Board i.e. CCB and online counselling conducted by Central Counselling Board on behalf of the Ministry of Human Resource Development, Govt. of India, New Delhi. The minimum academic qualification for admission through AIEEE is a pass in the final examination of 10+2 (Class XII) or its equivalent. Foreign students are admitted through DASA, ICCR and MEA.

(b) Postgraduate Programmes

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

2.8 STUDENTS INTAKE

(a) Undergraduate Programmes

The allocation of 802 seats for students from Rajasthan & other than Rajasthan states are as follows

Malaviya National Institute of Technology Jaipur										
State	Branch	OP	OPPH	SC	SCPH	ST	STPH	OBC	OBCPH	Total
All India CAI	Architecture	15	1	5	0	2	0	8	0	31
	Civil Engg.	23	0	7	0	3	1	12	0	46
	Chemical Engg.	23	0	6	1	4	0	12	0	46
	Computer Engg.	23	1	7	0	3	0	12	1	47
	Electrical Engg.	22	1	7	0	4	0	13	0	47
	Electronics & Communication	23	0	7	0	3	0	12	1	46

	Engg.									
	Information Technology	22	1	7	0	3	0	12	1	46
	Mechanical Engg.	22	1	6	1	4	0	12	0	46
	Metallurgical & Materials Engg.	22	1	7	0	3	0	13	0	46
Home State (HS)	Architecture	15	0	4	0	2	1	9	0	31
	Civil Engg.	22	1	7	0	3	0	12	1	46
	Chemical Engg.	22	1	7	0	3	0	13	0	46
	Computer Engg.	22	1	7	0	4	0	12	0	46
	Electrical Engg.	23	0	6	1	3	0	12	1	46
	Electronics & Communication Engg.	23	1	7	0	4	0	12	0	47
	Information Technology	22	1	7	0	4	0	12	0	46
	Mechanical Engg.	23	0	7	0	3	0	13	1	47
	Metallurgical & Materials Engg.	22	1	6	1	4	0	12	0	46
	Total	389	12	117	4	59	2	213	6	802

(b) Postgraduate Programmes

The number of seats for each M. Tech. programme

General	ST	SC	OBC	Sponsored	Part Time	Intake
10	2	3	5	5	6	31

The number of seats for each M. Sc. programme

General	SC	ST	OBC	Total
16	05	02	08	31

The number of seats for M.B.A. programme

General	SC	ST	OBC	Total
31	09	05	17	62

RESERVATION IN B.TECH/M. TECH./M.Sc./MBA PROGRAMMES

(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

2.9 EXAMINATION AND EVALUATION

Credits System

Education at the Institute is organized around the credit system of study. The prominent features of the credit system is 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 being awarded as per the Table noted below

Structure of grading of academic performance

Academic Performance	Grades	Grade
Outstanding	A+	10
Excellent	A	9
Very Good	B+	8
Good	B	7

Average	C+	6
Below Average	C	5
Marginal	D	4
Poor	E	2
Very poor	F	0
Audit	AU	--
Incomplete	I	--
Withdrawal	W	--
Continued Project	X	--
Non completion of Course Requirement	Z	--

2.10 Placement

The Placement Cell has been active in arranging training and placement for students. This year a total of 109 companies visited the Campus and selected 656 (556 B.Tech, 86 M.Tech, 6 B.Arch. and 8 MBA) students. Maximum and Average Packages offered by companies were Rs 16.00 Lakhs P.A. (MICROSOFT) & Rs. 5.26 Lakhs P.A. respectively.

2.11 Games and Sports

The department has been very active in promoting sports activities and inculcating healthy sportsman spirit among the students. The students brought laurels by winning several prizes and became overall champion in all INDIA sports tournaments MST'12. The institute team won several prizes at tournaments organized by Birla Institute of Science and Technology, Pilani, SVNIT Surat and LNMIIT Jaipur.

2.12 Staff Position

The staff position is as follows

Sanctioned Faculty strength (Including Director)	236
Faculty in Position (Including Director)	146
Administrative Staff in position	13
Ministerial Staff in position	38
Technical staff in position	45
Other Technical Subordinate & Class IV	92
Engaged on contract basis on consolidated salary	36

2.13 Notable achievements

Placement

This year a total of 109 companies visited the Campus and 656 students were placed in jobs. The details are given in the chapter 4.10.

Faculty awards

Faculty members of the Institute won several awards and many prestigious organizations recognized contribution of the faculty members in engineering and honored them. The details are given in chapter 11.8.

Grants and R& D Projects

Sponsored research projects and Consultancy Projects worth approximately 7.8 crores are currently under progress at the Institute. The consultancy revenue generation has also increased in the Institute. The details are provided in chapter 11.3. The Institute has been selected for TEQIP phase II. The procurement of equipment is being done under TEQIP phase II.

3.0 THE STAFF

3.1 Academic staff (Teaching) (As on 31.03.2012)

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. (UrbanPlanning)
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	Shri Ashok Pareek	B.Arch.
	2	Shri Satish Pipralia	B.Arch., MURP
	3	Shri Nand Kumar	B.Arch., M. Arch.
	4	Shri Nischal Jain	B. Arch., M.Des.

DEPARTMENT OF CHEMICAL ENGINEERING

Designation	Name	Qualification
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Professor	1	Dr S.P. Chourasia	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	Shri Sushant Upadhyay	M.Tech.
	4	Shri Rajeev Kumar Dohre	M.Tech.

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.
qq Associate	1.	Shri. J.K. Jain	B.E., M.E.

Professor	2	Dr. (Mrs.) Urmila Brighu	B.E., M.Tech., Ph.D.
	3	Dr. Sanjay Mathur	B.E., M.E., Ph.D.
	4	Dr. Mahendra Choudhary	B.E., M. E. , Ph.D.
	5	Dr. Ajay Singh Jethoo	B.E., M.E. Ph.D.
	6	Dr. R.C. Gupta	B.E., M.E., Ph.D.
	7	Dr. M.K. Shrimali	B.E., M. Tech., Ph.D.
	8	Dr. Sandeep Choudhary	B.E., M.E. Ph.D.
	9	Dr. S.K. Tiwari	B.E., M.Tech., Ph. D.
	10	Dr. S.D. Bharti	B.E., M.Tech. Ph.D.
	11	Shri Rajesh Gupta	B.E., M.E.
Reader	12	Dr. Mahesh Kumar Jat	B.E., M.E. , Ph.D.
Assistant Professor	1	Mrs. Nivedita Koul	B.E., M. E.
	2	Shri Pawan Kalla	B.E., M. E.
	3	Shri Arun Gaur	B.E., M. E.
	4	Shri Sumit Khandelwal	B.E., M.E.
	5	Dr. (Mrs.) Meena Khwairpakam	M.Tech. Ph.D.
	6	Dr. Vinay Agarwal	B.E., M.E. 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	Shri Dinesh Goplani	B.E. M.Tech.
	4	Shri Mushtaq Ahmed	B.E.
	6	Miss Meenkshi Tripathi	M.Tech
	7	Shri Yogesh Kumar Meena	M.Tech

DEPARTMENT OF ELECTRICAL ENGINEERING

Designation	Name		Qualification
Professor	1	Dr R. A. Gupta	B.E., M.E., Ph.D.
	2	Dr. Mool Singh	B.E. , M.E., Ph.D.
	3	Dr. C.M.Arora	B.E., M.E., Ph.D.
	4	Dr. K.R. Niazi	B.E.,M.E., Ph.D.
	5	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	Shri Rajiv Tiwari	B.E., M. E.
Assistant Professor	1	Shri Mukesh Kumar Shah	B.E., M.Tech.
	2	Shri Nikhil Gupta	B.E., M.Tech.
	3	Shri Anil Swarnkar	B.E. , M.Tech.
	4	Mrs. Prerna Jain	B.E., M.E.
	5	Dr. Rohit Bhakar	B.E. M.E.Ph.D
	6	Mrs. Kusum Verma	B.E. , M.Tech.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

Designation	Name		Qualification
Professor	1	Dr. Sandeep Sancheti	B.E., M.Sc. (Engg.) , Ph.D.
	2	Dr. S.G. Modani	B.E., M.E., Ph.D.
	3	Dr. R.P. Yadav	M.Sc., M.Tech., Ph.D.
Associate Professor	1	Shri Sanjeev Agarwal	B.E., M.Tech.
	2	Shri Mohd. Salim	B.E., M.Tech.
	3	Shri M.M. Sharma	B.E., M.Tech.
	4	Shri Rakesh Bairathi	B.E., M.Tech.
	5	Dr. Vinit Sahula	B.E., M.Tech., Ph.D.
	6	Dr. K.K. Sharma	B.E., M.E. Ph.D.
	7	Shri D. Boolchandani	B.E., M.Tech.
	8	Shri Tarun Verma	B.E., M.E.
	9	Shri Lava Bhargava	B.E., M.E.

	10	Dr. Vijay Janyani	B.E., M.E., Ph.D.
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Assistant Professor	1	Dr. Ritu Sharma	B.E. , M.Tech.,Ph.D.
	2	Dr. Ghanshyam Singh	B.E. ,M.Tech., Ph.D.
	3	Shri Ashish Kumar Ghunawat	M.Tech.

DEPARTMENT OF MECHANICAL ENGINEERING

Designation		Name	Qualification
Professor	1	Prof. P.K. Saxena	B.E., M.E., Ph.D.
	2	Dr. Gopal Agarwal	B.E., M.E., Ph.D.
	3	Dr. M.P. Poonia	B.E., M.E., Ph.D.
	4	Dr. A.K. Rajvanshi	B.E., M.Tech., Ph.D.
	5	Dr. S.L. Soni	B.E., M.Tech., Ph.D.
	6	Dr. A.P.S. Rathore	B.E., M.B.A., Ph.D.
	7	Dr Rakesh Jain	BE., P.G.D.I.E. Ph.D.
Associate Professor	1	Dr. G. S. Dangayach	B.E., M.Tech., Ph.D.
	2	Dr. Jyotirmay Mathur	B.E., M. Tech., Ph.D.
	3	Dr. A.K. Bhardwaj	B.E., M.E., Ph.D.
	4	Dr. Dilip Sharma	B.E., M.E. Ph.D.
	5	Dr G.D. Agarwal	B.E., M.Tech. Ph.D.
	6	Dr M.L. Mittal	B.E., M.E. Ph.D.
	7	Shri N.S.Yadav	B.E.
	8	Shri Amit Panchariya	B.E., M.Tech.

	9	Dr.T.C. Gupta	A.M.I.E., M.Tech., Ph.D
	10	Shri Nirupam Rohtagi	B.E., M.E.
	11	Dr. Himanshu Choudhary	M. Tech., Ph.D.
Assistant Professor	1	Shri Makhan Lal Meena	M.Tech.

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	Shri Rajendra Kumar Duchaniya	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.

DEPARTMENT OF HUMANITIES

Designation	Name		Qualification
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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. (Ms.) Geetanjali Sharma	B.Com.,M.A., Ph.D.
	2	Dr. (Mrs.) Dipti Sharma	B.A., M.A., Ph.D.
	3	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.
	3	Dr. (Mrs.) Kantesh Gupta	M.Sc., M.Phil, Ph. D.
Associate Professor	1	Dr. (Mrs.) Nilama Gupta	M.Sc., Ph. D.
	2	Dr. (Mrs.) Vatsala Mathur	M.Sc., Ph. D.
Reader	3	Dr. R.C. Soni	M.Sc., M.Phil, Ph. D.
Assistant Professor	1	Dr. Sanjay Bhattar	M.Sc., Ph. D.
	2	Dr. (Mrs.) Santosh Choudhary	M.Sc., M.Phil, B.Ed. Ph. D.

DEPARTMENT OF PHYSICS

Designation		Name	Qualification
Professor	1	Dr. S.K. Sharma	M.Sc., Ph. D.
	2	Dr. K.C. Swami	M.Sc., Ph. D.

Associate Professor	1	Dr. (Mrs.) K. Sachdev	M.Sc., Ph. D.
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NODAL CENTRE

Designation	Name	Qualification
Project Officer	--	-

DEPARTMENT OF MANAGEMENT STUDIES

Designation	Name	Qualification
Professor	--	--
Associate Professor	--	--
Assistant Professor	--	--

PROFESSOR OF TRAINING AND PLACEMENT

Designation	Name	Qualification
Professor	-	-

3.2 Non-Academic Staff (Non- Teaching as on 31.03.2012)

ADMINISTRATIVE/TECHNICAL OFFICER & 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	Shri P.S. Dhaka	MBA
2	Dy. Registrar (A/cs)	Shri Chain Singh (On Deputation)	M.Com., PGDHR
3	Dy. Registrar (Admn.)	Shri Diler Singh	B.A., LLB

		(On deputation)		
4	PS to Director	-		-
5	Executive Engineer	-		-
6	Estate Engineer	Shri C.M.Saini (Adhoc)		AMIE
7	Medical Officer	-		-
8	Assistant Registrar	1	Shri Bhurendra Singh	B.A., L.L.B.
		2	Dr. (Mrs.) Suman Rathore (Adhoc)	M.A., Ph.D.
		3	Shri Jayant Sharma (on deputation)	M.Com.
		4	Shri Tara Chand (on deputation)	B.Com.
		5	Shri Panna Ram Mali (on deputation)	B.A.
9	Asstt. Stores Officer	-		-
10	Section Officer	-		-
11	Internal Auditor/ AAO	1	Shri R.K. Dubey	M.Com.,LLB
		2	Shri Birbal Singh	MA, M.Com.
		3	Shri Hemendra Singh (On Deputation)	B.A.
13	Sr. P.A.	-		-
14	Assistant Engineer (Civil) & (Electrical)	-		-
15	Sports Officer	1. Dr.Subir Debnath		B.P.E, M.P.E., M.Phill, NET, NSNIS(Football), PGDHRM, Ph.D.
16	Asstt. Sports Officer	-		-
17	Security Officer	-		-

(c) Technical Officer & other Staff

S.No.	Designation	Name	Qualification
1	System Analyst	Dr. A.K. Solanki	Ph.D.
2	Programmer	Shri Sanjay Rajpal	M.C.A.
3	Librarian	Shri Deep Singh (Adhoc)	M.A., (Pub. Adm.) & M.L.I.Sc.
4	Asstt. Librarian	Smt. Kamla Joshi (adhoc)	M.A. ,M.LIS
5	Foreman	-	-
6	Asstt. Foreman	-	-

STATEMENT SHOWING THE STAFF POSITION

(a) Academic Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
1	Director	1	1
2	Professor	34	40
3	Associate Professor/Reader	67	68
4	Assistant Professor	134	37

(b) Administrative Staff & other staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
1	Director	1	1
2	Registrar	1	1(on contract)

3	Dy. Registrar (Adm.)	2	1 (on deputation)
4	Dy. Registrar (Accounts)	1	1 (on deputation)
5	PS to Director	1	-
6	Estate Engineer	1	1
7	Medical Officer	1	-
8	Asstt. Registrar	6	5 (1 on Adhoc)(3 on duputation)
9	Stores Officer	1	-
10	Section Officer	2	-
11	Internal Auditor (AAO)	2	3 (1 on deputation)
12	Asstt. Stores Officer	1	-
13	Sports Officer	1	1
14	Asstt. Sports Officer	1	-
15	Senior P.A.	1	-
16	Security Officer	1	-
17	Assistant Engineer (Electrical)	1	1(on contract)
18	Assistant Engineer (Civil)	1	-
19	Assistant Controller of Examination	1	-

(c) Technical Officer & Other Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
20	System Analyst	1	1
21	Librarian	1	1(adhoc)
22	Foreman (Workshop)	1	-
23	Asstt. Librarian	2	1(adhoc)

24	Asstt. Foreman	2	-
25	Programmer	2	1
26	Instrumentation Engineer	1	-
27	Horticulture Officer	1	1 (on contract)

(d) Ministerial Staff

S.No.	Post	Sanctioned Strength	In position (On 31.3.2012)
28	PA	1	1
29	Accountant	3	2
30	Office Asstt.	4	1
31	Stenographer	6	1
32	Jr. Accountant	6	-
33	UDC	23	10
34	LDC	30	20
35	Caretaker (Hostel)	5	1
36	Storekeeper (Central Stores)	1	-
37	Steno-typist	1	1
38	Computer Operator	1	-

(e) Technical & Other Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
39	Tech. Asstt.	27	12
40	Jr. Estate Engineer/ Jr. Engineer	3	2 (On Contract)

41	Mess Supervisor	1	-
42	Sr. Technician	30	5
43	Photo Lab Asstt.	1	1
44	Mess Asstt.	6	5
45	Lab Asstt.	4	1
46	Cat cum Classifier	2	-
47	Compounder Gr.II	2	-
48	Technician	23	14
49	Data Entry Operator	2	2
50	Electrician Gr.I	1	-
51	Driver	3	1
52	Issue Asstt.	1	2 (1 against Cat-cum-Classifier)
53	Asstt. PTI	1	-
54	Fitter Gr.II	1	-
55	Fitter Gr.I	1	-
56	Library Technical Assistant	1	-

(f) Other Technical Subordinate & Class IV Staff

S.No.	Post	Sanctioned Strength	In position (On 31.3.2012)
57	Carpenter	2	1(adhoc)
58	Electrician Gr.II	5	3
59	Painter cum Glass Cutter	2	1(adhoc)
60	Plumber Gr. II	3	2

61	Pump Operator Gr. II	5	5
62	Lab. Attdt. / Sr. Cleaner	26	9
63	Book Lifter / Library Attdt.	7	2+2(adhoc)
64	Jamadar	1	-
65	Electrician Gr-I	1	-
66	Mistry Gr-II	1	-
67	Cook-Cum-Chaukidar	1	-
68	Peons	47	24
69	Sweeper	12	9
70	Helper Gr. II	17	7
71	Gardener / Beldar	24	24
72	Janitor	3	2(adhoc)
73	Games Boy	1	-
74	Gym. Attendant	1	-
75	Machine Man	1	-
76	Mason	3	-
77	Junior Cleaner	2	-
78	Ward Boy	1	-

3.3 Training Status

The teaching staff of the Institute was deputed for various courses, summer/winter schools conferences as follows. The details are in Annexure 11.6

3.4 Placement of Staff for Academic Excellence

The details of faculty members deputed for Ph. D./ M. Tech. under QIP and Study leave are as follows.

S. NO.	Name of Faculty member	Name of the Deptt.	Course deputed for	Nature of Deputation
1	Ms. Reena Surana	Architecture	Ph. D.	QIP

4.0

TEACHING PROGRAMME

4.1 Courses Offered

The Institute offers courses of study leading to Bachelor of Technology Degree in Civil, Mechanical, Electrical, Electronics & Communication, Information Technology, Metallurgical & Materials, Chemical, Computer Engineering and B. Architecture in Architecture Dept. Full Time/Part Time Master of Technology Degrees in Water Resources Engineering (Civil Engg. Dept.), Environmental Engineering (Civil Engg. Dept.), Power System (Electrical Engg. Dept.), Metallurgical & Materials Engg. (Metallurgical & Materials Engg. Dept.), Electronics & Communication Engg. (Electronics & Comm. Engg. Dept.), Transportation Engg. (Civil Engg. Dept.), Manufacturing System Engg. (Mech. Engg. Dept.), Structural Engg. (Structural Engg. Dept.), Chemical Engg. (Chemical Engg. Dept.), Energy Engg. (Mechanical Engg. Dept.), VLSI Design (Electronics & Comm. Engg. Dept.), Computer Engg. (Computer Engg. Dept.), Disaster Assessment and Mitigation (Civil Engg. Dept.), M. Planning [Urban Planning] (Architecture Dept.), M. Sc. in Physics Dept., M. Sc. in Chemistry Dept., M. Sc. in Mathematics Dept. are also offered. A full time M.B.A., Technology Management is also offered.

The medium of instructions and examinations is English.

4.2 Course-Wise Enrolment

Branch/Duration	I Year	II year	III Year	Final Year	Final Year Arch.
Architecture (5 years)	65	62	48	44	38
Civil Engg. (4 years)	103	92	93	90	-
Chemical Engg. (4 years)	97	92	78	65	-
Computer Engg. (4 years)	99	92	79	74	-
Electrical Engg. (4 years)	94	90	81	68	-
Electronics & Communication Engg. (4 years)	98	92	92	79	-
Information Technology (4 years)	81	90	80	72	-
Mechanical Engg. (4 years)	112	91	78	71	-
Metallurgical Engg. (4 years)	87	75	72	48	-
TOTAL	836	776	701	611	38
Grand total	2962				

4.3 COURSE WISE ADMISSION STATISTICS-UG/PG PROGRAMMES

(a) Students admitted to Undergraduate B. Tech./B.Arch. programmes through AIEEE during the session 2011-12

S. No.	Programme	Nos. of seats allotted to students belonging to					
		SC	ST	OBC	PWD	GC	Total
1.	Architecture	9	4	17	1	30	61
2.	Chemical Engg.	13	7	25	2	45	92
3.	Civil Engg.	14	6	24	3	45	92
4.	Computer Engg.	14	7	24	3	45	93
5.	Electronics & Communication Engg.	14	7	24	2	46	93
6.	Electrical Engg.	13	7	25	3	45	93
7.	Information Technology	14	7	24	3	44	92
8.	Mechanical Engg.	13	7	25	3	45	93
9.	Metallurgical Engg.	13	7	25	3	44	92
		117	59	213	24	389	801

(b)) Students admitted to Postgraduate Programmes during the session 2011-12

(i) Full Time M.Tech./M.Plan./M.Sc./M.B.A. programmes

S. No.	Name of Course	Nos. of seats allotted to students belonging to							
		SC	ST	OBC	PWD	GC	SP	PT	Total
1.	Chemical Engineering	3	0	5	0	9	0	0	17
2.	Environmental Engg.	3	0	5	1	10	0	4	23
3.	Water Resources Engg.	2	1	0	0	1	0	0	4

4.	Structural Engg.	3	2	5	0	8	0	3	21
5.	Power Systems	3	2	5	1	10	0	2	23
6.	Transportation Engg.	3	2	1	0	3	0	2	11
7.	Manufacturing Sys. Engg.	3	2	5	0	10	0	4	24
8.	Metallurgical & Materials Engg.	3	1	5	0	10	1	0	20
9.	Electronics & Comm. Engg.	3	1	5	1	9	5	6	30
10.	VLSI Design	3	2	5	1	10	5	5	31
11.	Energy Engineering	3	2	5	0	10	0	0	20
12.	Disaster Management & Mitigation	2	1	1	0	5	0	0	9
13.	Computer Engineering	3	2	5	0	10	0	3	23
14.	Urban Planning	1	0	1	0	7	2	2	13
15.	M. Sc. Physics	0	1	2	0	2	0	0	5
16.	M. Sc. Chemistry	5	3	10	0	11	0	0	29
17.	M. Sc. Mathematics	0	0	0	0	0	0	0	0
18.	M.B.A.	3	2	2	0	23	0	0	30
		46	24	67	4	148	13	31	333

(ii) Ph.D. Programmes

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Electronics & Comm. Engg.	-	1
2.	Electrical Engg.	4	-
3.	Civil Engg.	-	4
4.	Chemical Engg.	2	2
5.	Computer Engg.	5	1

6.	Structural Engg.	1	2
7.	Mechanical Engg.	2	6
8.	Metallurgical & Materials Engg.	-	-
9.	Physics	3	1
10.	Chemistry	2	-
11.	Mathematics	-	-
12.	Humanities & Social Sciences	-	1
13.	Management Studies	1	-
	Grand Total	21	18

4.4 Students Total Strength (Under-Graduate)

Branch/Duration	I Year	II year	III Year	Final Year	Final Year Arch.
Architecture (5 years)	65	62	48	44	38
Civil Engg. (4 years)	103	92	93	90	-
Chemical Engg. (4 years)	97	92	78	65	-
Computer Engg. (4 years)	99	92	79	74	-
Electrical Engg. (4 years)	94	90	81	68	-
Electronics & Communication Engg. (4 years)	98	92	92	79	-
Information Technology (4 years)	81	90	80	72	-
Mechanical Engg. (4 years)	112	91	78	71	-
Metallurgical Engg. (4 years)	87	75	72	48	-
TOTAL	836	776	701	611	38
Grand total	2962				

4.5 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
GRAND TOTAL	2204	104	233	3111

Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

Hostel/ Mess Management

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.

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.

4.6 Scholarship/Assistanceship

The details for scholarships to postgraduate students, Ph. D. scholars, general scholarships and stipends and also state level scholarships for merit students/SC/ST/OBC (UG students) are given in chapter 11.11.

4.7 Games and Sports

An important characteristic of the 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 each students, staffs and their family members. The vision – “**Fit MNIT fit India**” and excellence in Games and Sports has develop 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. Students, staffs and their family members are enjoying Institute’s indoor sports facilities - Gymnasium, Badminton court and Billiard room & also have outdoor sports facilities - Tennis Courts(Flood Light), Volleyball Courts(Flood Light), basketball Courts(Flood Light), Cricket Nets, Cricket Field, Football Field and Athletic Track and Field. Physical Education and Sports have created and developed a positive and healthy sports culture in the Institute. Sports have given 04-credit in the B.Tech. (I-IVth semester) course curriculum (Creative Arts) which is unique example in NIT system of India.

The existing games and Sports facilities are:

INDOOR FACILITIES

S. No	Facilities	Number
1.	Badminton, Carrom and Chess	01 No.

2.	Billiard room	01 No.
3.	Gymnasium (Weight Training and Power lifting)	01 No.

OUTDOOR FACILITIES

S.No	Facilities	Number
1.	Tennis Courts (Flood Light)	02 No.
2.	Volleyball Courts (Flood Light)	03 No.
3.	basketball Courts(Flood Light)	02 No.
4.	Play Field (Cricket Nets, Cricket Field, Football Field and Athletic Track and Field)	01 No.

ACHEIVEMENTS:

MNIT games and Sports have achieved a mile stone by winning with records for the period from 1st April 2011 to 31st March 2012 are as follows:

- a) In MST'12 (All India Invitational Sports Tournaments) MNIT became overall champion by winning 06 Winners Trophies in Basketball (Men), Badminton (Women), Cricket (Men), Table Tennis (Men & Women) and 04 Runners Up Trophies in Badminton (Men), Volleyball (Men) Chess (Men & Women) and Volleyball (Women).
- b) In IGNIS'12 (All India Invitational Sports Tournaments) organised by SV NIT Surat, MNIT won in Basketball (Men), Table Tennis (Women), and was Runners up in Table Tennis (men).
- c) In DESPORTIVOS' 12 (All India Invitational Sports Tournaments) organized by LNMIIT Jaipur MNIT won 03-medals in athletics and were runners up in Badminton (Men).
- d) MNIT participated All India Sports Tournament **BOSM'12** (BITS, Pilani, Rajasthan). With more than 12 Medals in Athletics, Power lifting etc.

Organization (All India Level):

- I. MNIT organized **MST'12** in the month of Feb. 2012 (All India Invitational Sports Tournaments) where more than 500 students from different Engineering Colleges/Institutes participated in the 3-days tournament.
- II. Annual Athletic meet and prize distribution was organized on January 21-22, 2012, where prizes were given to winners of Athletic meet & Inter-Branch Tournaments.

Organization (Institutional Level):

In this session Inter-Branch Games and Sports tournaments was organized successfully. Improvised sports Tournaments as: Hongkong Sixes Cricket, 5- aside Football, 2+2 Volleyball and 2+2 Basketball were organized.

4.8 Awards & Publications Sports Department

Dr. Subir Debnath was invited as a **Chairperson for** International Seminar on Physical Education and Yogic Sciences, Banarash Hindu University, Varanashi, January 19-21, 2012.

The faculty of sports department have also published research papers as given below.

i) Research Papers Published in International Journals:

1. **Subir Debnath**, Bhawar Rajbeer Singh, Ranbir Singh Rana and MS Chundawat “Relationship Of General Motor Ability And Fitness Traits Of School National Basketball Players”, International Seminar on Physical Education and Yogic Sciences, January 19-21, 2012.
2. Yuvraj Singh Dasondhi, A.K. Datta and **Subir Debnath** “Comparative Effect of Physical Therapeutic Modalities in Acute Ankle Sprain”, International Seminar on Physical Education and Yogic Sciences, January 19-21, 2012.

ii) Research Papers Published in National Journals:

1. **Subir Debnath**, *Ranbir Singh Rana and M.S.Chundawat* (2012), “Comparison of School National Basketball Players”, *Vyayam-Vidnyan*, Vol.45 (2), 12-19. (ISSN 0975-8895).
2. **Subir Debnath** and *Dulal Sarkar* (2011), “Effects of Yogasana and other Restorative Modalities on Cardiovascular Recovery and subsequent Running Treadmill Performance”, *Indian Journal of Yoga Exercise & Sport Science and Physical Education*, Vol.5, 1-10. (ISSN 0975-265X).

iii) List of Papers Presented at International Conferences:

1. **Subir Debnath**, Bhawar Rajbeer Singh, Ranbir Singh Rana and MS Chundawat “Relationship Of General Motor Ability And Fitness Traits Of School National Basketball Players”, International Seminar on Physical Education and Yogic Sciences, January 19-21, 2012.
2. Yuvraj Singh Dasondhi, A.K. Datta and **Subir Debnath** “Comparative Effect of Physical Therapeutic Modalities in Acute Ankle Sprain”, International Seminar on Physical Education and Yogic Sciences, January 19-21, 2012.

3. Rampal Singh, Tapan Dutta, Rajesh Kumar and **Subir Debnath** “Comparative study of physical fitness level of intervarsity male hockey players”, International Seminar on Physical Education and Yogic Sciences, January 19-21, 2012.

iv) Participation in International seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Subir Debnath	<i>"International Seminar on Physical Education Recreation and Yogic Science"</i>	BHU	India	January 19-21, 2012,

Books Published

Two prescribed Text books for Physical and Health Education for class X and IX for all the Government Schools of Rajasthan were published.

S. No.	Title	Author	Publisher
1.	Physical & Health Education Class - IX	Dr. Subir Debnath	Board of Secondary Education Rajasthan, Ajmer,
2.	Physical & Health Education Class - X	Dr. Subir Debnath	Board of Secondary Education Rajasthan, Ajmer,

MNIT Jaipur participated in a number of national level events and has won many awards. The details are given in chapter 2.13.

4.9 Examination Details

(a) Results of Undergraduate Courses of final B.Tech./B. Arch. courses 2011-12

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		
Final B. Architecture (5-year course)	34	11	07	15	01	33
Final B. Tech. Civil Engg.	64	24	14	15	11	64
Final B. Tech. Chemical Engg.	53	21	12	12	08	53
Final B. Tech. Computer Engg.	58	21	16	21	00	58
Final B. Tech.	64	20	15	23	06	64

(Information Technology)						
Final B. Tech. Electrical Engg.	61	30	17	13	01	60
Final B. Tech. Electronics & Communication Engg.	68	31	17	19	01	67
Final B. Tech. Mechanical Engg.	68	26	23	19	00	68
Final B. Tech. Metallurgical Engg.	51	24	11	15	01	50

(b) Results of Postgraduate Courses of final year M.Tech./M.Sc./MBA 2011-12

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 Environmental Engg.	16	13	3	-	4	20
M. Tech. in Water Resources Engg.	-	-	-	-	-	-
M. Tech. in Transportation Engg.	13	13	-	-	7	20
M. Tech. in Power Systems	18	6	8	4	3	21
M. Tech. in Electronics & Comm. Engg.	20	13	7	-	-	20
Manufacturing System Engg.	20	8	12	-	1	21
M. Tech. in Met. & Mat. Engg.	12	6	6	-	1	13
M. Tech. in Structure Engg.	20	13	6	1	3	23
M. Tech. in Chemical Engg.	14	8	6	-	1	15
M. Tech. in VLSI Design	19	14	5	-	-	19
M. Tech. in Energy Engg.	16	7	9	-	-	16
M. Planning in Urban Planning	8	5	1	2	1	9
M. Tech. in Computer Engg.	23	12	10	1	-	23
M.Sc. in Chemistry	24	19	5	-	-	24
M. Sc. in Physics	12	7	2	3	-	12
MBA	41	16	21	4	-	41
MBA Technology Management	16	5	9	2	-	16

4.10 Training and Placement

The department of training and placement provides on the job practical training and placement services to the student of engineering and architecture. practical training is arranged in private/public manufacturing industries, government engineering departments, engineering consultancy organizations, architectural companies and consultants, information technology firms, R&D organizations and other institutions, which provide real life products and services a large computerized database of more than 1000 such organizations is maintained and updated continuously to cater to the needs of training and placement of students. The department has got well-equipped air –conditioned seminar hall and group discussion room having latest audio-visual facilities, for pre-placement seminars, GD and interviews conducted by recruiting organizations.

Training

The academic curriculum provides for 60 days of Practical/Industrial Training during summer vacation after VI semester. The Placement and Training Cell facilitates the practical training of students in Companies/Industries/Organizations of National and International repute. Some of the students also get Research Internship offers from Germany, Canada, UK, Singapore, South Korea, Finland etc. Students also go for research projects as summer interns in IIT's, IISc, IIM's and CEERI Pilani

Some of prominent organizations include NTPC, BHEL, SAIL, IOCL, BPCL, DRDO, C-DOT, ISRO, MARUTI, HERO HONDA & IT companies.

Placement

The Placement Cell has been active in arranging training and placement for students. This year a total of 109 companies visited the Campus and selected 656 (556 B.Tech, 86 M.Tech, 6 B.Arch. and 8 MBA) students. Maximum and Average Packages offered by companies were Rs16.00 Lakhs P.A. (MICROSOFT) & Rs. 5.26 Lakhs P.A. respectively

5.0

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.

In the current financial year the sanction of research projects is comparatively more than previous years. It is also planned that every faculty is to have at least one research project in hand at any time. Further, newly inducted faculty members are requiring to submit at least one research project. In addition to this, there are fifty one old research projects during 2001-11 which are being speed for the completion.

A Memorandum of Understanding (MoU) has been signed between Rajasthan Electronics & Instruments Ltd (REIL), a “Miniratna” Public Sector Enterprise (PSE) of Government of India, to do collaborative work in the following areas: Renewable Energy; Industrial Electronics; Information Technology and Rural Application of technology

The Structural Dynamics and Earthquake Engineering Laboratory (SDEE) have been set up in the Civil Engineering Department. The laboratory has an electrodynamic shaker of 600 kgf payload along with data acquisition and control system besides that there are three electromechanical shakers and ten structural models.

The Centre for Energy and Environment has begun to function in new building, and the procurement of equipment has been initiated, the Centre has received important collaborative research projects.

The financial support (seed money) are provided to faculty members for organizing short term courses/workshop/conference for benefit of in house as well outside faculty.

In the current financial year two Chair positions have been established, which are, Steel Professor with financial support from ministry of steel, GoI, and Stone Chair with support from CDOS (Govt. of Rajasthan) to carry out the research in the respective areas.

For research projects the total grants received from various funding agencies during the financial 2011-12 were worth 5 crores.

Total consultancy worth 2.8 crores was carried out during the financial year 2011-12.

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 Autumn (July) and Spring (January) semesters. The admission process is based on the past academic record, a research proposal, references and a 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 of the student concerned. The Institute offers a variety of competitive scholarship and assistance to full-time Ph.D. students.

Minimum Qualifications	Normal duration	Maximum duration
B.Tech./M.Sc./MBA	Full Time: 6 Semesters	10 Semesters
M.Tech.	Part Time: 4 Semesters	10 Semesters

5.2 Details of Ph.D.

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 autumn (July) and spring (January) semesters. The admission process is based on the past academic record, a research proposal, references and a 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 of the student concerned. The Institute offers a variety of competitive scholarship and assistance to full-time Ph.D. students.

Minimum Qualifications	Normal duration	Maximum duration
B.Tech./M.Sc./MBA	Full Time: 6 Semesters	10 Semesters
M.Tech.	Part Time: 4 Semesters	10 Semesters

Details of Ph.D. awarded from 1st April 2011 to 31st March 12

Branch	Total degrees
Civil Engg.	5
Computer	1
Electronics & Comm. Engg.	4
Electrical Engg.	5
Physics	1

Chemistry	1
Mechanical Engg.	3
Humanities & Social Sciences	1
TOTAL	21

5.3 Proposed Plan for Research

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

5.4 Institute- Industry Collaboration

Institute- Industry Partnership Cell

Background

Indian industry at present has reached the most crucial turning point where it has to face the dynamic demands of the competitive domestic and global markets through the provisions of high quality products and services. To survive and succeed in this new scenario, the input that is most essential is the human resource. As technologies change rapidly, retraining and updating of the work force continuously are becoming major challenges facing every country today. Malaviya National Institute of Technology Jaipur has setup a separate Industry Institute Partnership Cell (under aegis of the AICTE) for this purpose.

Aims and Objectives

- (i) To develop close links between industry-Institute by interaction programs. High priority to activities designed to bring about improvement in the performance of the industry.
- (ii) Mobility of industrial personnel. A partnership approach.
- (iii) To identify the present day requirements for professionals (engineers/ technologists/ managers) and meeting the future human resource needs.
- (iv) To disseminate technical advances through informal educational techniques.
- (v) To train the shop floor personnel by continuing education programme.
- (vi) Widening and effective implementation of the area of Research & Development and consultancy.

A number of events were organized during the year. The details areas follows

1. Entrepreneurship Awareness camp

S.No.	Activity	Activity
1	Entrepreneurship Awareness Camp	30.11.2011
2	Entrepreneurship Awareness Camps	18.01.2012
3	Entrepreneurship Awareness Camps	20.01.2012
4	Entrepreneurship Awareness Camps	21.01.2012
5	Entrepreneurship Awareness Camps	24.01.2012
6	Entrepreneurship Awareness Camps	13.03.2012
7	Entrepreneurship Awareness Camps	29.03.2012

2. Interaction Programme

S.No.	Activity	Activity
1	Interaction with foreign delegates (39 delegates from 19 countries)	04.10.2011
2	Interaction with foreign delegates (40 delegates from 19 countries)	18.11.2011
3	Interaction with foreign delegates (67 delegates from 20 countries)	05.03.2012

3. Orientation Programme

One day Orientation programme on Entrepreneurship Development was organized on 08.09.2011 in collaboration with National Entrepreneurial Network (NEN).

5.5 Rajbhasha Cell

The rajbhasha cell started publication of atri-monthly hondi magazine called “Malaviya Prakash”. The first issue (Jan-March 2012) was published in first week of March. The printer and editor of the magazine is Dr. Jyoti Joshi. The editorial board comprises of Prof. Ashok Sharma, Dr.. Raj. Kumar Vyas. Dr. Kailash Singh and Shri Sushant Upadhyay. The student members are Shri Anshul Sharma, Shubham Chaudhry, Mukesh Kumar and Divyanshu Goyal.

The cell organized a number of activities during the year. The list of visitors to the cell and the activities is given below.

Visitors to the cell

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Dr. Durga Prasad Agarwal	Former Joint Director	Directorate College Education, Rajasthan	Speaker of Hindi Workshop	26 th Aug,2011
2	Dr. Hanuman Prasad Shukl	Professor	Hindi Department, Rajasthan University, Jaipur	Speaker of Hindi Workshop	26 th Aug,2011
3	Dr. Manohar Prabhakar	Former Director	Department of Public Relations,Rajasthan	Chief Guest, Hindi Week Inauguration Ceromony	13 th Sept,2011
4	Dr. Nand Bhardwaj	Former Director	Doordarshan Kendra, Jaipur	Chief Guest, Hindi Week Closing and Prize Distribution Ceromony	19 th Sept,2011

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Dr. Raj Kumar Vyas, Dr. Jyoti Joshi, Dr. Kailash Singh, Shri Sushant Upadhyay and Shri	Associate Professor, Chemical	Hindi Workshop	MNIT, Jaipur	26 Aug,2011

	Anshu Saxena	Engineering			
2	Dr. Raj Kumar Vyas	Associate Professor, Chemical Engineering	Hindi Week	MNIT, Jaipur	13-19 Sept, 2011
3	Dr. Raj Kumar Vyas, Dr. Jyoti Joshi, Dr. Kailash Singh, Shri Sushant Upadhyay, Shri Deep Singh and Shri Anshu Saxena		Hindi Week Inaugration Ceremony	MNIT, Jaipur	13 Sept, 2011
4	Dr. Jyoti Joshi, Dr. Suman Rathore and Shri Anshu Saxena	Associate Professor, Chemical Engineering, Assistant Registrar and Hostel Warden	Oral and Written Hindi Quiz	MNIT, Jaipur	13 Sept, 2011
5	Dr. Nupur Tandon and Dr. Kanupriya Sachdeva	Associate Professor, Humanities Department	Essay Writing Competition on Hindi Divas	MNIT, Jaipur	14 Sept, 2011
6	Dr. Kailash Singh and Shri Deep Singh	Associate Professor, Chemical Engineering and Head Librarian	Extempore	MNIT, Jaipur	14 Sept, 2011
7	Dr. Kailash Singh and Shri Deep Singh	Associate Professor, Chemical Engineering and Head Librarian	Poem Recitation Competition	MNIT, Jaipur	14 Sept, 2011
8	Shri Ashok Agarwal and Shri Kumar Dubey	Associate Professor, Electrical Engineering and Accounts Officer	Hindi speech competition on Engineers' Day on various Technical topics	MNIT, Jaipur	15 Sept, 2011

9	Shri Sumit Khandelwal and Shri Sushant Upadhyay	Assistant Professor, Civil Engineering and Associate Professor, Chemical Engineering	Hindi Debate competition on Ozone Day	MNIT, Jaipur	16 Sept, 2011
10	Dr. Raj Kumar Vyas, dr. Jyoti Joshi, Dr. Kailash Singh, Shri Sushant Upadhyay and Shri Anshu Saxena		Hindi Week Closing and Prize Distribution Ceromony	MNIT, Jaipur	19 Sept, 2011

5.6 Convocation

The 6th convocation the institute was held on December 17, 2011. Prof. D.P. Agrawal, Chairman UPSC was the chief guest on the occasion. Justice Surendra Nath Bhargava, retired Chief Justice Sikkim High court was the guest of honour. Prof. I. K. Bhat, Director MNIT, in his address apprised about the developments, activities in the Institute. Two batches of students, pass-outs of 2010 and 2011 were awarded degrees on the occasion. Medals were awarded to toppers to various courses. Mr. Prahlad Swaroop Bhargava, Exective Director (Mumbai refinery), BPCL and Dr. Sushil Kumar Agrawal, Executive Director, PGCIL were presented distinguished alumni award. The details of degrees awarded are as follows.

Degrees awarded (2010)

Branch	Total degrees
Architecture	18
B. Tech.	428
M. Tech.	157
M. Planning	8
M. Sc.	37
MBA	31

Ph.D.	14
TOTAL	693

Degrees awarded (2011)

Branch	Total degrees
Architecture	34
B. Tech.	484
M. Tech.	193
M. Plan.	8
M. Sc.	36
MBA	41
MBA Tech. Mgt.	16
Ph.D.	21
TOTAL	833

6.0 THE COUNCIL, BOG AND OTHER COMMITTEES

6.1 BOARD OF GOVERNORS

The composition and details of Board of Governors is given in annexure 11.1

6.2 FINANCE COMMITTEE

The composition and details of Finance Committee is given in annexure 11.2

6.3 BUILDING & WORKS COMMITTEE

The composition and details of Building and Works Committee is given in annexure 11.2

6.4 SENATE

Senate is the supreme body for taking policy and other decisions on academic matters and composition and details of Senate is given in annexure 11.2

7.0 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.

8.0 FINANCIAL STATUS

8.1 ANALYSIS OF THE PLAN AND NON-PLAN GRANT

During the year 2011-12 the Institute received grants under Plan and Non-plan (entirely from Government of India) as per given below :

		<i>(₹ in Lakhs)</i>
Plan Grant		
(i)	Non Recurring (Building, Equipment, etc.)	1906.26
(ii)	Project Grants (R & D)	152.20
(iii)	Plan (OBC)	1693.74
(iv)	Other Plan Activities	83.75
(v)	TEQIP	200.00
TOTAL (Plan Grant)		4035.95
Non-plan Grant		
(i)	(UG/PG Courses)	2800.00
(ii)	Other Grants	11.31
TOTAL (Non-plan Grant)		2811.31
GRANT TOTAL (Plan & Non-plan Grant)		6847.26

8.2 SOURCE OF FUNDS

- (i) Grant in Aid from Government of India
- (ii) Tuition fee from students
- (iii) Rent
- (iv) Interest
- (v) Other Misc. Income

8.3 EXPENDITURE POSITION FOR LAST THREE YEARS (Plan, Non-plan & TEQIP)

		<i>(₹ in Lakhs)</i>
Years	Expenditure	
2009-10	7012.69	
2010-11	7995.74	
2011-12	7047.20	

9.0

CENTRAL FACILITIES AND SERVICES

9.1 CENTRAL COMPUTER CENTRE

The Central Computer Centre, a centralized computing facility of the Institute since 1989, caters to the need of different academic departments and various sections of the Institute by providing and managing extensive computing & networking facilities of the Institute.

The Central Computer Centre of MNIT Jaipur with its mission and dedication to create and maintain a computing environment for the pursuit of academic excellence, opens for extended hours well beyond Institute hours. The Center as being a dedicated resource unit, provides professional services, promotes and assists towards the use of new computing technology among the students, staff and administration at the Institute. The Central Computer Centre at MNIT Jaipur has committed itself to be a leading computational facility in higher education in this part of the country by providing the Institute community with state-of-art facilities to cater to their computational needs and access to internet resources and online functioning of all processes of 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 it's 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.

The Computer Center also provides internet and intranet facilities to all users in the Institute. For the network services, centre has the high end computational servers on which LDAP accounts are created for students, staff and faculty of the departments for accessing internet in a secured way and the same provided them secured email accounts on Institute's mail server. The entire Institute has been connected through an extensive fibre optic network spread over all academic buildings as well as the hostels. The present campus network basically comprise of nearly 25 KMs of Fibre Optic cable backbone with around forty routed internal networks. The Internet connectivity to the campus is through a 144 Mbps Leased Line connection from BSNL. There are more than 2500 no's of computers connected to the network and at any time around 1000 of them are connected to the Internet.

9.2 Workshops

There are existing Workshop facilities in Mechanical Engineering Department which cater to workshop needs for all first year students, as per different course requirements as well as needs of the other departments. It is undergoing modernization.

Central workshop will be 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 would have state of the art machine tools and equipments 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. To upkeep 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.

9.3 Library

1. Introduction

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**. Each sitting area / hall is having different reading cubicles for the users. The Central Library has been reintroduced with new name i.e. "**LEARNING RESOURCE CENTRE**".

2. Library Automation and Computerization

The Central Library has a **Library Management Software (e-Granthalaya)** developed by NIC, New Delhi. The data entry work and Bar-Coding of books have been started. The circulation services have also been computerised and books are issued through Bar-Code Technology only.

3. Member

a)	Students	4041
b)	Faculty and staff members	345

4. Circulation of Books (approx)

a)	Main Library	80,000 per year
b)	Book Bank	60,000 per year

No. of Visitors (on Membership basis) approx. (Faculty, Staff, Students and fee based members)	2000 Per day
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5. Timings

08.00 A.M. to 07.00 P.M. (Monday to Friday)

09.00 A.M. to 05.00 P.M. (On Saturdays)

6. Holdings from 01/04/2011 to 31/03/2012

S.No.	Particulars	As on 01/04/2011	Added During 2011-2012	As on 31/03/2012	Withdrawn	Available holdings
1	Library books	77214	148	77361	3352	*74009
2	Back Volumes	13580	-	13580	120	13460
3	ISI Standards	12498	-	12498	-	12498
4	Book Bank (Gen.)	36189	-	36189	-	*36189
5	Book Bank (SC/ST)	18478	373	18851	-	*18851
6	CBIP Publications	531	-	531	-	531
7	CD ROMs Databases+ LRs (on different Subjects)	846	-	-	-	846
Total holdings available						1,56,384
* Physical verification was conducted and final report is to be submitted.						

7 NON PRINT MATERIAL

	Total Numbers
1 Video Cassettes	1035
2 CDs & Floppies (Received with books & magazines)	approx. 800

8 Expenditure (2011-2012)

(A) Books & Periodicals (Non-UG Plan)	
(i) Books & Periodicals (Main Library)	Rs. 37,543.00
(ii) Book Bank (SC)	Rs. 7,440.00
(iii) Book Bank (ST)	Rs. 1,16,707.00
(B) Book for Project (VLSI – ECE)	Rs. 9,792.00
(C) Subscription of Journals	Rs. 1,06,773.00
(D) Subscription Online Journals (Taylor & Francis)	Rs. 8,73,795.00

(E) New paper & Magazines

Rs. 23,703.00

Grand Total Expenditure A & E

Rs.11,75,753.00

9 Indian Journals Subscribed

Journals / News Letters report etc. (on Complementary basis) approx. 50

10. Electronic/Online Resources

Online foreign journals (INDEST-AICTE Consortium, MHRD, GOI)

S. No.	Electronics Resources	URL
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	Annual Reviews (New)	http://www.annualreviews.org
05	IEL Online (IEE & IEEE)	http://ieeexplore.ieee.org
06	Indian Standards (BIS Codes)	Intranet Version
07	Nature	http://www.nature.com/
08	Project Muse (New)	http://www.muse.jhu.edu.
09	Springer Link	http://www.springerlink.com/
10	Taylor & Francis	www.tandf.com
Bibliographic Databases		
11	J-Gate Custom Content for Consortia (for Online request for Research Papers from IITs, IIMs and IISc)	http://jccc-indest.informindia.co.in/

- i) **BIS Codes** updated till June, 2009 (Through Intranet)
- ii) **CD-Rom Databases** (846 CD-ROMs on engineering subjects)
- iii) 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.**

- iv) **DELNET Database** services for research papers & Books.

11. Library Services

- 1 Issuing of books (Main Library)
- 2 Issuing of books (Book Bank)
- 3 Video Viewing Services
- 4 CD-ROM Databases
- 5 Reprographic Services (Photocopy Services)
- 6 Periodicals Services
- 7 Internet facility
- 8 JCCC- Research papers from IITs, IIMS, IISc.
- 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
Display of Important notices/ pamphlets etc.
- 15 Services to outside members

- 12 Recently added System** The central Library has been equipped with CCT Surveillance System with 32 Cameras (including video recording) & **Smoke Alarm system**.

- 13 Orientation Programmes** The **UG** students are introduced to Library and its services, about Online Resources, Database Services and their usage. Readers' Tickets are also prepared & distributed at the same time.

PG Students, Research Scholars and Faculty Members are also guided to use the **INDEST-AICTE Consortium** services and **DELNET Database** services.

14 Additional information

Newly Purchased books are displayed in the Central Hall to make the users aware about new arrivals.

15 Other Activities

- Orientation to users about Online Access to e-Journals.
- Organising '**Books Exhibition**' time to time.
- Meeting Room facilities to various departments.
- Binding of books (time to time)

16 FUTURE PLAN :

- RFID System
- Smart cards (for users)
- Fire safety measures

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 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.

9.5 Hospital, Post Office, Shopping Centre

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. Hostels for Students
2. Instructional Buildings
3. 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 The Bank of Rajasthan Ltd. on the premises and a Post-office in the campus. 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 Physical Facilities

The Institute is spread over an area of 125.04 hectares.

The total built up area is divided broadly in three categories

Academic Area

Administrative area

Residential block

Games and sports facilities.

The following new facilities/alterations were created/(construction work started) during the year.

S.No.	Name of work	Agency	Actual Expenditure	Status
1	Construction of men & women hostels	M/s Ramky Infrastructure Ltd, Hydradab	6,11,471677.00	completed

2	External Lighting in new Hostels	M/s Rajputana Electric trading corporation	1347314.00	completed
3	Re-carpeting of bituminous road at various places in MNIT	CPWD		completed
4	SITC of substation	M/s Rajputana Electric trading corporation	1,28,49,276.00	completed
5	Rate contract for Electric maintenance of hostels	M/s Elova Enterprises	454496.00	completed
6	Renovation of toilet block of hostel 4 & 5	M/s Shrimate Primeconstructions Pvt Ltd	970431.00	completed
7	lighting arrangement in tennis court	M/s Ayush Electricals	3,55,790.00	completed
8	construction of new tube well	M/s Bhanwar lal Jangid	337939.00	completed
9	renovation of academic block	M/s Rajputana Electric trading corporation	538781.00	completed
10	Renovation of PTP	M/s Rajputana Electric trading corporation	389659.00	completed
11	Repairing of under ground water tank	M/s S.R. Enterprises	2,98,518.00	completed
12	Civil work at structure deptt to create new class room	M/s Himanshu Vashisht	2,38,293.00	completed
13	Renovation of Electric Class Rooms	M/s Shrimate Primeconstructions Pvt Ltd	3,26,603.00	completed
14	painting work at Gymnasium	M/s Vardhman Feb-Tech	68,908.00	completed
15	Ramp in Girls Hostel	M/s Himanshu Vashisht	4,58,709.00	completed
16	Providing and fixing of curtain rods in newly constructed Ganga and Arawali Hostels	M/s Vardhman Feb-Tech	366,963.00	completed
17	Renovation of virtual class room LR-12	M/s Bhavya Construction Co.	7,52,060.00	completed
18	Renovation of PHE Lab in Civil Deptt.	M/s Vardhman Feb-Tech	221919.00	completed
19	P&F aluminum partition work in earth quake Engineering Lab	M/s Shivam Iron Fabrication	82677.00	completed

20	Faculty room Renovation in EE Deptt	M/s Shree Ganpati Construction	83377.00	completed
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9.7 Games and Sports Facilities

The Institute Physical Education and Sports have created and developed a positive and healthy sports culture among Students, staffs 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 Office is managing more than 3500 students and staff members and their wards. The existing games and Sports facilities are:

INDOOR FACILITIES

S.No	Facilities	Number
1.	Badminton, Carrom and Chess	01 No.
2.	Billiard room	01 No.
3.	Gymnasium (Weight Training and Power lifting)	01 No.

OUTDOOR FACILITIES

S.No	Facilities	Number
1.	Tennis Courts (Flood Light)	02 No.
2.	Volleyball Courts (Flood Light)	03 No.
3.	basketball Courts(Flood Light)	02 No.
4.	Play Field (Cricket Nets, Cricket Field, Football Field and Athletic Track and Field)	01 No.

9.8 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
GRAND TOTAL	2204	104	233	3111

Administrative set up for Hostels

Chief Warden	1
Warden	17
Mess Assistants	5
Caretakers	2

Hostel/ Mess Management

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.

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

S. No.	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

10.0

NOTABLE ACHIEVEMENTS

10.1 NOTABLE ACHIEVEMENTS

Malaviya National Institute of Technology Jaipur is spread over an area of 125 hectares and offers a green campus and a vibrant environment for academic and co-curricular pursuits. The institute offers 9 undergraduate, 20 postgraduate & Ph.D. programmes in Engineering, Sciences & Humanities and has total student strength of 4020 and 164 faculty members. The institute has emerged as the second most preferred NIT in the AIEEE admissions in terms of ranks at which admissions open and close. A large number of DASA students have also chosen to come for studies here.

The institute faculty and staff are continuously striving for achieving better academic environment. Faculty members of the Institute went on secondment for a semester to AIT Bangkok. The institute has hosted fifteen conferences, symposia and workshop. Fifteen foreign visits were carried out by faculty members to attend conferences/training courses and explore possibility of International collaborations. A total of ten new research projects were started including six with foreign collaboration. The institute is part of TEQIP Phase II and has started preparation for effective implementation of the project. The placement of students has shown steady improvement in terms of companies visiting the campus, job offers as well as increase in average pay package.

10.2 ACHIEVEMENTS, TOOK PLACE DURING THE YEAR

1. Placements

The placement scenario has improved with the average pay package showing steady increase. The details are shown in Table 1.1. Average pay package has risen by 19%.

Table 1.1 Comparison of Placement during last years

Particulars	2010-11	2011-12
Total companies that visited campus for recruitment	104	109
Total no. placed /Total no. of eligible students (% Placed)	359/360 (99.7%)	426/426 (100%)
Total job offers (some students got multiple job offers)	659	656
Maximum package (lakhs per annum)	9.88	16.0
Average package (lakhs per annum)	4.44	5.26

2. Research Publications

The research publications by faculty and students have shown a marked improvement as shown in Table 1.2. The total publications by faculty in Journals and conferences have increased by 20% as compared to previous year, and that in International Conferences has risen by almost 80%.

Table 1.2 Research Publication Details

Publications	2009-10	2010-11	2011-12
International Journal	92	96	120
National Journal	23	32	38
International Conference	87	156	130
National conference	103	72	40

3. Research Projects

Particulars	2010-11	2011-12
Amount of ongoing/new research projects and consultancy projects	366	7.8
No of Total Projects (research projects + consultancy projects)	42 (20+22)	434 (13+421)

4. Other Achievements

- The institute Director was member of a ministerial delegation to US under Obama India Education initiative.
- Distinguished speakers were invited to deliver lectures in the institute. Twenty four such lectures were organized.
- Twenty eight distinguished visitors came to institute to deliver lectures, explore collaboration possibilities and interact with students.
- Thirty six visits were carried out by faculty members to other institutes as members of various selection committees, board of studies, board of governors etc.
- Thirteen seminars/symposia/workshop were hosted by the institute.
- Several faculty members are reviewers for reputed journals and conferences in their respective area of specialization.
- Faculty members/Research Scholars participated in 110 national/international conferences and workshops.
- Six faculty members completed their Ph. D. during the year.
- HOD Electronic was nominated as member of a high court appointed committee for monitoring and suggesting remedial measures for cell tower radiation.

11

ANNEXURES

11.1 BOARD OF GOVERNORS

S.No.	Nomination under	Name and Designation of nominated persons	Will serve as
1.	Secton 11 Clause (a)	Prof.K.K.Aggarwal, Chancellor-Lingaya's 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)	Shri R.L.Toshniwal, President, Sintex Limited, Banswada	Member
6.	(d)	Shri Prem Surana, 8, Gaurav Nagar, Civil Lines Jaipur	
7.	(e)	Prof. Surendra Prasad, Director, IIT, Delhi	Member
8.	(e)	Prof.Shobhana Narsimhan, professor & Chairperson, Theoretical Science Unit, Bangalore	Member
9.	(f)	Prof.Y.P.Mathur, Professor, Dept. of Civil Engg.,MNIT, Jaipur	Member
10.	(f)	Mr. Manish Vashistha, Assistant Professor, Chemical Engg. Dept., MNIT, Jaipur	Member
11.	Section 18 Clause (2)	Dr.P.S.Dhaka, 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-Lingaya's 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 from amongst the members
5	Ex-officio Member Secretary	Shri P.S.Dhaka , Registrar, MNIT, Jaipur.

BUILDING & WORKS COMMITTEE

1	<i>Chairman</i>	Prof. I. K. Bhat Director, MNIT, Jaipur
2	Member	Shri Prem Surana Member BOG
3	Member	Shri Madan Mohan Director, NITS, Department of Secondary & Higher Education Ministry of Human Resource Development, Government of India, New Delhi
4	Member	Prof. M. P. Poonia Dean (Planning and Development)
5	Member	Shri. Rajeve Singh Superintending Engineer (Civil), CPWD, Jaipur Central Civil Circle Sector-10, Nirman Bhavan, Vidyadhar Nagar, Jaipur
6	Member	Shri. R. S. Saxena Superintending Engineer (Civil), PWD
7	Member	Shri. Pyare Lal Superintending Engineer (Electrical), CPWD, Jaipur Central Electrical Circle, Sector-10, Nirman Bhavan, Vidyadhar Nagar, Jaipur
8	Co-opted Member	Shri. Arjun Singh. Superintending , JVVNL
9	<i>Member Secretary</i>	Shri P. S. Dhaka Registrar, MNIT, Jaipur

THE SENATE

Name	Designation and Address
Prof. I. K. Bhat	Director, Chairman Senate, MNIT Jaipur
Prof. P. K. Saxena	Professor, Mechanical Engg. Dept., MNIT Jaipur
Prof. Alok Ranjan	Dean, Administration and Professor Architecture Department, MNIT Jaipur
Prof. S. G. Modani	Dean, Academic Affairs & Professor, Electronics & Communication Engg. Deptt. MNIT Jaipur
Prof. Ravindra Nagar	Dean, R & D and Professor, Structural Engg. Department, MNIT Jaipur
Prof. M. S. Gaur	Dean, Students Affairs and Professor, Computer Engg. Department, MNIT Jaipur
Prof. R. A. Gupta	Dean, Faculty Affairs and Professor Electrical Engg. Department MNIT Jaipur
Prof. Gopal Agarwal	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. S. C. Pathak	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. S. L. Soni	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. A. K. Rajvanshi	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. A. P. S. Rathore	Professor, Mechanical Engg. Department & Head Management Studies MNIT Jaipur
Prof. Dileep Kr. Jain	Professor and Head, Mechanical Engg. Department, MNIT Jaipur
Prof. M. P. Poonia	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. Rakesh Jain	Professor, Mechanical Engg. Department MNIT Jaipur
Prof. P. R. Soni	Professor and Head, Metallurgical & Materials Engg. Department, MNIT Jaipur
Prof. Ashok Sharma	Professor, Metallurgical & Materials Engg. Department, MNIT Jaipur
Prof. C. P. Sharma	Professor, Metallurgical & Materials Engg. Department MNIT Jaipur
Prof. A. K. Bhargava	Professor, Metallurgical & Materials Engg. Department MNIT Jaipur
Prof. Upendra Pandel	Professor, Metallurgical & Materials Engg. Department, MNIT Jaipur
Prof. A. B. Gupta	Professor, Civil Engg. Department MNIT Jaipur
Prof. Gunwant Sharma	Professor, Civil Engg. Department, MNIT Jaipur
Prof. Rohit Goyal	Professor, Civil Engg. Department and Head, Training & Placement, MNIT Jaipur
Prof. Y. P. Mathur	Professor, Civil Engg. Department, MNIT Jaipur
Prof. B. L. Swami	Professor, Civil Engg. Department, MNIT Jaipur
Prof. Sudhir Kumar	Professor, Civil Engg. Department, MNIT Jaipur

Prof. A. K. Vyas	Professor & Head, Civil Engg. Department MNIT Jaipur
Prof. Alok Gupta	Professor, Chemical Engg. Department MNIT Jaipur
Prof. S. P. Chaurasia	Professor, Chemical Engg. Department MNIT Jaipur
Dr. S. K. Jana	Associate Professor & Head, Chemical Engg. Department MNIT Jaipur
Prof. Rajeev Shringi	Professor, Architecture Department , MNIT Jaipur
Mrs. Kalpana Pandit	Head, Architecture Dept. , MNIT Jaipur
Prof. K. D. Gupta	Professor, Chemistry Department, MNIT Jaipur
Dr. Ragini Gupta	Head, Chemistry Department, MNIT Jaipur
Prof. S. K. Sharma	Professor, Physics Dept. , MNIT Jaipur
Prof. K. C. Swami	Professor, Physics Department , MNIT Jaipur
Dr. Kanupriya Sachdeva	Associate Professor & Head Physics Department MNIT Jaipur
Sh. Mohd. Salim	Head, Electronics & Comm. Engg. Dept., MNIT Jaipur
Prof. Mool Singh	Professor, Electrical Engg. Department, MNIT Jaipur
Prof. C. M. Arora	Professor, Electrical Engg. Department MNIT Jaipur
Prof. K. R. Niyazi	Professor and Head, Electrical Engg. Department MNIT Jaipur
Dr. Vijay Laxmi	Head, Computer Engg. Department, MNIT Jaipur
Prof. K. C. Jain	Professor and Head, Mathematics Department MNIT Jaipur
Prof. Rashmi Jain	Professor, Mathematics Department , MNIT Jaipur
Prof. Kantesh Gupta	Professor, Mathematics Department , MNIT Jaipur
Dr. Nanny Tripathi	Head , Humanities Department , MNIT, Jaipur
Dr. M. K. Shrimali	Head, Structural Engg. Dept., MNIT Jaipur
Sh. P. S. Dhaka	Registrar & Secretary, MNIT Jaipur

11.3 Research Projects and Consultation jobs

DEPARTMENT OF CIVIL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	NCP on Monitoring & Characterization of Respirable Particles in Urban Environment (Outdoor/Indoor) and their Association with Human Health	A. B. Gupta and Nivedita Kaul	AICTE	20.0	Report under preparation
2.	Feasibility Study for Defluoridation of Drinking Water By Electrocoagulation Using Aluminium Electrodes	Dr Sanjay Mathur and Dr A. B. Gupta	UNICEF	5.46	Report under preparation
3	Development of a highly efficient procedure and graphical user interface (GUI) equipped software for the service load analysis of composite structures and critical review of Codal provisions	Dr. Sandeep Chaudhary	DST, Govt. of India	12.35	Ongoing

New Research Projects (Started in the Year 2011-12):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Assessment of possibilities of recovery and reuse of wastewater in handmade paper industry in Sanganer	A. B. Gupta; Dr Kailash Singh; Saakshi	DST, GOI (2011)	35.98	Work in progress
2.	Development of a Solar Energy based Membrane Distillation System for rural drinking Water applications in Rajasthan	A.B. Gupta, Dr S. P. Chaurasia, Sushant Upadhyaya, G. D. Agarwal	CCDU, GOR (2012)	10.5	Work in progress
3	Experimental and analytical studies for the	Dr. Sandeep Chaudhary	DST, Govt. of India	39.14	Ongoing

	short term and long term behavior of Epoxy Bonded Steel-Concrete Composite Bridges				
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Continuing Consultancy Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Geotechnical investigation At various sites for construction Of RCC Elevated Tanks, multi-Storey buildings.	Dr. S.K.Tiwari, Dr.Sandeep Chaudhary	PHED, WRE, Govt. of Rajasthan,CRPF Housing Society, Govt. of India and Other Pvt. Firms.	3.00	Completed
2.	Structural Drawings and proof checking for construction Of RCC service reservoirs, multi-Storey buildings, bridges, box culverts, STP and WTP etc.	Dr. V. Agrawal, Dr.Sandeep Chaudhary, Dr. R. Nagar, Dr. A.K. Vyas, Sh. R. Gupta	PHED, WRE, Govt. of Rajasthan, RHB, RIICO, PWD, Govt. of India and Other Pvt. Firms.	10.0	Completed
3.	Preparation of status reports for STPs, solid waste management facilities and common treatment facilities for biomedical waste in Rajasthan	Dr Sanjay Mathur, Dr A. B. Gupta, Dr Rohit Goyal	RPCB, Jaipur	12.0	completed

New Consultancy Projects (Started in the year 2011-12):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Geotechnical investigation At various sites for construction Of RCC Elevated Tanks, multi-Storey buildings.	Dr. S.K.Tiwari, Dr.Sandeep Chaudhary	PHED, WRE, Govt. of Rajasthan,CRPF Housing Society, Govt. of India and Other Pvt. Firms.	2.00	Completed

2.	Structural Drawings and proof checking for construction Of RCC service reservoirs, multi-Storey buildings, bridges, box culverts, STP and WTP etc.	Dr. V. Agrawal, Dr.Sandeep Chaudhary, Dr. R. Nagar, Dr. A.K. Vyas, Sh. R. Gupta	PHED, WRE, Govt. of Rajathan, RHB, RIICO, PWD, Govt. of India and Other Pvt. Firms.	8.0	Completed
3.	Validation of structural Design and Supervision of Construction work	Dr A K Vyas	Rajasthan Electronics & Instruements Ltd.	0.90	Ongoing
4.	Concrete Mix Designs of govt. organizations	Dr A K Vyas	AVL, PHED Jaipur	0.69	Ongoing
5.	Evaluation of hand pump/tube well attached defluoridation plants	Dr A. B. Gupta, Dr Sanjay Mathur and Dr U. Brighu	PHED Rajasthan through CCDU, Jaipur	5.95	Completed
6.	Evaluation of DPRs of Lake Conservation Work Daylab Talab, Banswara	Dr A. B. Gupta, Dr Sanjay Mathur and Dr U. Brighu	GOR	5.01	Completed
7.	Proof Check of Deign of Substrucure of Seventeen Major Bridges in Swarupganj-Aburoad section of Ajmer Division of NW Railway	Dr. Sandeep Chaudhary Mr. Rajesh Gupta Dr. Vinay Agrawal	Rail Vikas Nigam Limited	-	Ongoing

Testing (Carried out in the Year 2011-12):

S. No.	Name of the Lab	Total Amount (in Lacs of Rs.)
1	Concrete lab	2 lacs
2	Soil Lab.	

DEPARTMENT OF COMPUTER ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Applicability of Probabilistic	Prof. M.S.Gaur	Department of Information	15.00	Completed June 2011

	Signature in Detection of Metamorphic Malware	Dr. V.Laxmi	Technology, New Delhi.		
2.	Cognitive Analysis Tools for Digital Forensics	Dr. Vijay Laxmi	Department of Science and Technology	10.61	Completion by March 2012
3.	Multiprocessor Electronic Design Automation	Prof. MS Gaur and Prof. Mark Zwolinski	British Council's UKIERI initiative in joint collaboration with University of Southampton	33000 (GBP)	Completion by January 31, 2012
4.	Information Security Education and Awareness	Prof. MS Gaur, Dr. Dinesh Gopalani	Ministry of Communication and Information Technology	58.0	Ongoing

New Research Projects (Started in the Year 2011-12):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Development of Techniques for Metamorphic Malware Detection and Analysis	Prof. MS Gaur, Prof. Lyudmila Babenko from Taganrog Institute of Technology – Southern Federal University	DST-RFBR	8.0	Ongoing
2.	HiPER NIRGAM (UKIERI-II)	Prof. MS Gaur, Prof. Mark Zwolinski, University of Southampton UK.	British Council's UKIERI initiative in joint collaboration with University of Southampton	35000 (GBP)	Approval intimated and shall be initiated in 2012.
3.	Synthesis of High Quality Testable Circuits and Diagnosis for Performance Oriented	Dr. Virendra Singh (IISc Bangalore), MS Gaur	DST-RFBR	15.96	-

	Faults	and Prof. Anghela Matrosova from Tomsk University, Russia			
4.	Computer Aided Design of Hardware Acceleration for Tsunami Prediction System	Virendra Singh (IISc Bangalore), MS Gaur and Prof. Fujito, Tokyo University, Japan	DST (Indo-Japan Joint Proposal)	-	-

Continuing Consultancy Projects (Started earlier than 1st April 2011):

S. No	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Certification of DRU being part of BTS	Prof.M.S. Gaur, Sh.Sanjeev Agarwal (ECE) and Dr.Vijay Laxmi	Elcoteq Electronics (India) Pvt. Ltd	0.8	Completed on November 11, 2010
2.	Technical Opinion on Artificially Created Light Energy	Prof.MS Gaur, Sh. Sanjeev Agarwal (ECE) and Dr.Vijay Laxmi	Sistema Shyam Teleservices	0.9	Completed

DEPARTMENT OF ELECTRICAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Analytical and Experimental Investigation on AC Drive System	Prof. R. A. Gupta	AICTE	-	Completed
2.	Sensor less Control of Induction Motor Drive with Intelligent Controllers	Prof. R. A. Gupta	MHRD	11.7	Completed
3.	Integrated operation of solar photo voltaic, wind energy and diesel	Prof. Mool Singh	AICTE	5.0	Completed

	generator for generation of electrical energy				
4.	Modernization of Power System Lab	Prof. Mool Singh		6.0	Completed
5.	On-line transient security evaluation of power systems	Prof. K. R. Niazi	by J.N.V. Univ., Jodhpur	0.24	Completed
6.	On-line security evaluation and preventive control of modern power systems	Prof. K. R. Niazi	MHRD, Govt. of India	7.5	Completed
7.	Development & modernization of Microprocessor/ Microcontroller based Instrumentation & control Lab.	Mrs. Nikita Jahajharia	MHRD, Govt. of India	7.0	Completed
8.	Application of optimization techniques in the design of Electric Drives	Prof. S. C. Agarwal Sh. V. K. Jain Sh. Sanjeev Agarwal	MHRD, Govt. of India	-	Completed
9.	Development of Control System Lab. Under MODROB scheme	Sh. V. K. Jain	MHRD, Govt. of India	10.0	Completed
10	Hardware development of single phase to three phase cycloconverter fed Induction motor drive	Sh. Mukesh K. Shah	MHRD	6.00	Ongoing
11.	Universal application protocol using TCP/IP network	Sh. Praveen K. Agarwal	MHRD	13.00	Ongoing
12.	Development of a National Transmission Network Tariff Framework	Dr. Rohit Bhakar	UGC	5.238	Ongoing
13.	Computer Controlled Cycloconverter (Half-Wave- Full Wave) Fed Induction Motor Drive	Dr. H. P. Tiwari	MHRD New Delhi	13.00	Ongoing

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING**Continuing Sponsored Research Projects (Started earlier than 1st April 2011):**

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Special Manpower Development Project in field of VLSI and related software	Dr. Vineet Sahula; Dr. D. Boolchandani	Ministry of Comm. & IT Govt of India	52.0	Ongoing
2.	Design and simulation of tunable photonic crystal devices	Dr Vijay Janyani	DRDO	15.64	Ongoing
3.	Application Specific Research on Microstructured Optical Fibers	Dr Vijay Janyani	British Council/UKIERI	6.0 (MNIT Component)	Ongoing

DEPARTMENT OF MECHANICAL ENGINEERING**Continuing Sponsored Research Projects (Started earlier than 1st April 2011):**

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Hybrid Based Disposal System	CO-PI	MHRD	9.0	Completed
2.	Investigation of Heat Transfer Characteristics of Nanofluids in Subcooled Flow Boiling	Dr.A.K.Rajvanshi	BRNS Department of Atomic Energy	17.0	Ongoing
3.	Design, Development, and Ergonomic Analysis of Blue Pottery Manufacturing System	Dr. A. Bhardwaj, PI Dr. G. S. Dangayach, Co-PI	DST, Govt. of India, New Delhi	21.64	Ongoing
4.	Development of Multi-agent Based System for Dynamic Multi-project Scheduling	Dr. M. L Mittal (PI) and Prof R. Jain (Co-PI)	DST, Govt. of India, New Delhi	9.0	Completed

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Synthesis of ZnO-CdO nanocomposite for CO gas sensing	R.K.Duchaniya Prof A K Rajvansi Dr.A.E.Nayak(BARC)	DST- Rajasthan	0.11	Ongoing

New Research Projects (Started in the Year 2011-12):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Effect of Strain Induced Melt Activation (SIMA) Process on Microstructure and Properties of A356 Al Alloys	Prof. Dr. Ashok Sharma	UGC Networking Resource Centre for Materials IISc Bangalore	-	Ongoing
2.	Study of Metallurgical Aspects of Nitronic Steel for Under Water Part Applications	Prof. Dr. Ashok Sharma	Research Scheme on Power (RSOP) project by Central Power Research	28.0	Ongoing
3.	Investigation of heat transfer characteristic of nanofluids in sub cooled flow boiling	R.K.Duchaniya	BARC	17.0	Ongoing

DEPARTMENT OF CHEMISTRY

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/ Coordinator	Sponsoring Agency	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	Dr. Arpi Majumdar	DST	20.0	Ongoing

	the C-C, C-N, and C-O Ullmann-type cross-coupling reactions” DST WOS-A Project				
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New Research Projects (Started in the Year 2011-12):

S. No.	Name of the Project	Principal Investigator/Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	“Synthesis of Heterobioconjugates as possible Drug Candidates Using Click Chemistry Approach”	Dr. Ragini Gupta	State DST	14.0	Ongoing

DEPARTMENT OF PHYSICS

Continuing Sponsored Research Projects (Project Grants received in Feb. 2011, but Project, in principle could start w.e.f March 2011 i.e in the Year 2011-12):

S. No.	Name of the Project	Principal Investigator/Coordinator	Sponsoring Agency	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	Prof. S. K. Sharma	DAE/ BRNS	24.23	Ongoing

CENTRE FOR ENVIRONMENTAL ENGINEERING

Continuing Sponsored Research Projects (Started earlier than 1st April 2011):

S. No.	Name of the Project	Principal Investigator/Coordinator	Sponsoring Agency	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Cool Roof Monitoring	Dr. Jyotirmay Mathur	IIT Hyderabad, DOE-USA	1.44	Ongoing

New Research Projects (Started in the Year 2011-12):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.	Setting up renewable energy lab	Head, CEE	MNRE	50.0	Ongoing

New Consultancy Projects (Started in the year 2011-12):

S. No.	Name of the Project	Team Members	Client	Outlay (in Lacs of Rs.)	Completed /Ongoing
1.		Dr. Jyotirmay Mathur Dr. Sanjay Mathur Mr. Tarush Chandra	Climate works Foundation, USA	-	Ongoing
2.		Dr. Jyotirmay Mathur Dr. G.D. Agrwal Dr. Sanjay Mathur	PLF study of SPV systems	0.25	Completed
3.		Dr. Jyotirmay Mathur Dr. G.D. Agrwal Dr. Sanjay Mathur	PNNL, USA	-	Ongoing

11.4 FACULTY POSITIONS

Academic Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
1	Director	1	1
2	Professor	34	40
3	Associate Professor/Reader	67	68
4	Assistant Professor	134	37

11.5 ADMINISTRATIVE STAFF & OTHER STAFF

(a) Administrative Staff & other staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
1	Director	1	1
2	Registrar	1	1 (on contract)
3	Dy. Registrar (Adm.)	2	1 (on deputation)
4	Dy. Registrar (Accounts)	1	1 (on deputation)
5	PS to Director	1	-
6	Estate Engineer	1	1
7	Medical Officer	1	-
8	Asstt. Registrar	6	5 (1 on Adhoc)(3 on duputation)
9	Stores Officer	1	-
10	Section Officer	2	-
11	Internal Auditor (AAO)	2	3 (1 on deputation)
12	Asstt. Stores Officer	1	-
13	Sports Officer	1	1
14	Asstt. Sports Officer	1	-
15	Senior P.A.	1	-
16	Security Officer	1	-
17	Assistant Engineer (Electrical)	1	1 (on contract)
18	Assistant Engineer (Civil)	1	-
19	Assistant Controller of Examination	1	-

b) Technical Officer & Other Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
20	System Analyst	1	1
21	Librarian	1	1(adhoc)

22	Foreman (Workshop)	1	-
23	Asstt. Librarian	2	1(adhoc)
24	Asstt. Foreman	2	-
25	Programmer	2	1
26	Instrumentation Engineer	1	-
27	Horticulture Officer	1	1(on contract)

c) Ministerial Staff

S.No.	Post	Sanctioned Strength	In position (On 31.3.2012)
28	PA	1	1
29	Accountant	3	2
30	Office Asstt.	4	1
31	Stenographer	6	1
32	Jr. Accountant	6	-
33	UDC	23	10
34	LDC	30	20
35	Caretaker (Hostel)	5	1
36	Storekeeper (Central Stores)	1	-
37	Steno-typist	1	1
38	Computer Operator	1	-

(d) Technical & Other Staff

S.No.	Designation	Sanctioned Strength	In position (On 31.3.2012)
39	Tech. Asstt.	27	12
40	Jr. Estate Engineer/ Jr. Engineer	3	2 (On Contract)
41	Mess Supervisor	1	-

42	Sr. Technician	30	5
43	Photo Lab Asstt.	1	1
44	Mess Asstt.	6	5
45	Lab Asstt.	4	1
46	Cat cum Classifier	2	-
47	Compounder Gr.II	2	-
48	Technician	23	14
49	Data Entry Operator	2	2
50	Electrician Gr.I	1	-
51	Driver	3	1
52	Issue Asstt.	1	2 (1 against Cat-cum-Classifier)
53	Asstt. PTI	1	-
54	Fitter Gr.II	1	-
55	Fitter Gr.I	1	-
56	Library Technical Assistant	1	-

(e) Other Technical Subordinate & Class IV Staff

S.No.	Post	Sanctioned Strength	In position 31.3.2012 (On
57	Carpenter	2	1(adhoc)
58	Electrician Gr.II	5	3
59	Painter cum Glass Cutter	2	1(adhoc)
60	Plumber Gr. II	3	2
61	Pump Operator Gr. II	5	5
62	Lab. Attdt. / Sr. Cleaner	26	9
63	Book Lifter / Library Attdt.	7	2+2(adhoc)
64	Jamadar	1	-

65	Electrician Gr-I	1	-
66	Mistry Gr-II	1	-
67	Cook-Cum-Chaukidar	1	-
68	Peons	47	24
69	Sweeper	12	9
70	Helper Gr. II	17	7
71	Gardener / Beldar	24	24
72	Janitor	3	2(adhoc)
73	Games Boy	1	-
74	Gym. Attendant	1	-
75	Machine Man	1	-
76	Mason	3	-
77	Junior Cleaner	2	-
78	Ward Boy	1	-

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	8.00 a.m. to 5.00 p.m. Monday to Friday
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

11.6 STAFF MEMBERS SPONSORED FOR TRAINING AND LEARNING

DEPARTMENT OF ARCHITECTURE

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
1.	Tarush Chandra	Programme on Environmental Protection and Management For RIICO Engineers and Executives	Udyog Bhawan, Jaipur	May 11-12, 2012	Special lecture titled Overview of Planning of an Industrial Township / Environmental Policy : Parameters for Development of Industrial Estates	Planning and design methodologies

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Ms. Kalpana Pandit	“ Future Dialogue, Sustainable Cities: Mastering the challenges	New Delhi	India	September 2012

		and opportunities of rapid urbanization”			
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Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Prof. Alok Ranjan	National workshop on “Alternative Approaches to Master Planning”	New Delhi	March 2012
2.	Prof. Rajeev Shringi	National workshop on “Alternative Approaches to Master Planning”	New Delhi	March 2012
3	Prof. Rajeev Shringi	IGBC Training Program on Green Buildings	MNIT, Jaipur	August 5- 6, 2011
4	Prof. Rajeev Shringi	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011
5	Ms. Kalpana Pandit	National workshop on “Alternative Approaches to Master Planning”	New Delhi	March 2012
6	Ms. Kalpana Pandit	IGBC Training Program on Green Buildings	MNIT, Jaipur	August.5- 6, 2011
7	Ms. Kalpana Pandit	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011
8	Mr. Tarush Chandra	National workshop on “Alternative Approaches to Master Planning”	New Delhi	March 2012
9	Mr. Tarush Chandra	IGBC Training Program on Green Buildings	MNIT, Jaipur	August 5- 6, 2011
10	Mr. Tarush Chandra	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011
11	Ms. Meenu Varshney	Planning Tool on Urban Heritage Conservation for Development,	Amer, Jaipur	July 2011
12	Ms. Meenu Varshney	IGBC Training Program on Green Buildings	MNIT, Jaipur	August 5- 6, 2011
13	Ms. Meenu Varshney	Workshop on Implementation Of ECBC	MNIT Jaipur	October 13, 2011
14	Ms. Meenu Varshney	Conference on “Urjavan 2011 Rajasthan”	Film Bhavan, JLN Marg, Jaipur	November 26, 2011
15	Ms. Meenu Varshney	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011
16	Mr. Satish Pipralia	IGBC Training Program on Green Buildings	MNIT, Jaipur	August 5- 6, 2011
17	Mr. Satish Pipralia	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Tarush Chandra	CEPT University, Ahmedabad	Deliver a talk in the Symposium	November 29, 2011
2.	Kalpana Pandit	Dayanand Sagar College of Architecture, Bangalore	To attend meeting of all heads of institutions of architectural education and for the final jury of transperance National Design competition for students	March 2-3, 2012

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Tarush Chandra	Co-coordinator	Series of Workshops on Training and Dissimination of Provisions in ECB Code	MNIT, Jaipur	Aug. 2011
2	Tarush Chandra	Co-coordinator	IGBC Training Program on Green Buildings	MNIT, Jaipur	August 5-6, 2011
3	Tarush Chandra	Co-coordinator	GRIHA Evaluators and Trainers Program	MNIT, Jaipur	December 14-16, 2011
4	Satish pipralia	Co-coordinator	Training Program for RUIDP Engineers on "Master plan and other requirements for urban areas"	MNIT Jaipur	December 12-14, 2011

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
1.	Dr. R. K. Vyas	Symposium on Chemistry and Environment	Swami Keshvanand Institute of Technology Management & gramothan, Jaipur	December 23, 2011	Wastewater Treatment & Reuse – A choice or Compulsion?	On the occasion of International Year of Chemistry 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. S. K. Jana	14th Asia Pacific Confederation of Chemical Engineering Congress, pp. 427-428.	Suntech City	Singapur	February 21-24, 2012
2.	Dr. Manish Vashishtha	25 th European Conference on Modeling and Simulation (ECMS2011)	Krakow	Poland	June 7-10, 2011
3	Sushant Upadhyaya	Parametric Sensitivity Analysis of Vacuum Membrane Distillation for Desalination Process	PSRC	Thailand	December 17-18, 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. S. K. Jana	A-Z of Natural Gas and LNG	Dahej, Gujarat	October 19-21, 2012
2	Dr. R. K. Vyas	Symposium on Chemistry and Environment	Swami Keshvanand Institute of Technology Management & Gramothan, Jaipur	December 23, 2011
3	Mr. Sushant Upadhyaya	Modeling and Simulation of Shell and Tube Module for Vacuum Membrane Distillation	Bengaluru	December 27- 29, 2011
4	Mr. Sushant Upadhyaya	Synthesis and kinetic study of PMMA by batch Emulsion Polymerization	Bengaluru	December 27- 29, 2011
5	Mr. Sushant Upadhyaya	Mathematical modeling of emulsion liquid membrane	Agra	February 18-19, 2012
6	Mr. Sushant Upadhyaya	Kinetic study of PMMA synthesis by batch emulsion polymerization	Agra	February 18-19, 2012
7	Mr. Rajeev Kumar Dohare	CHEMCON-2011	Bangalore	December 27 - 29, 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. R. K. Vyas	Banasthali University, P.O. Banasthali Vidyapeeth – 304 22, Dist. Tonk, Rajasthan	To participate in the meeting of Board of Studies of B. Tech. (Chemical Engg.) as External Member	March 10, 2012

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Dr. B. V. Babu	Professor & Director	Institute of Engg. & Technology, J. K. Lakshmiapat University, Jaipur	To conduct Viva-voce Examination of M. Tech. Students as External Examiner	August 4, 2011
2	Dr. R. K. Wanchoo	Professor of Chemical Engg.	University Institute of Chemical Technology, Panjab University, Chandigarh	To conduct Viva-voce Examination of M. Tech. Students as External Examiner	September 5, 2011
3.	Dr. M.O. Garg	Director	IIP Dehradun	To assist in preparing syllabus of "Petroleum, Petrochemicals and Natural Gas Engineering"	June 30, 2011

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Dr. R. K. Vyas	Coordinator	Hindi Workshop	MNIT, Jaipur	August 26, 2011
2	Dr. R. K. Vyas	Coordinator	Hindi Week	MNIT, Jaipur	September 13-19, 2011

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
1.	Prof. Rohit Goyal	Hydro 2011, National Conference on Hydraulics & Water Res.	Surat	December 29-30, 2011	Application of Geospatial Technological Tools in Groundwater Modeling	Applications of Geospatial Technologies
2.	Dr. S.K.Tiwari	Training Program for PWD	ESTI, Jaipur	August 24-26, 2012	Liquefaction of Soils, Ground	-

		engineers			improvement techniques	
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Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. S.K.Tiwari	International Conference on Current Trends in Technology	Institute of technology, Nirma University, Ahemedabad	India	December 9-11, 2011
2.	Dr. Vinay Agrawal	Interantaional Conference on "Electrical, Electronics and Civil Engineering-ICEECE-2011	Pattaya, Thailand organized by Planetary Scientific Research Centre	Thailand	December 17-18, 2011
3.	A K Vyas	International Conf on Environmental Science & Technology	Singapore	Singapore	September 16-19, 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Prof. Rohit Goyal	Hydro 2011, National Conference on Hydraulics & Water Res.	Surat	December 29-30, 2011
2.	Dr. S.K.Tiwari	Recent trends in High Rise Buildings	Jaipur	February 4, .2012
3.	A. B. Gupta	National Conference on "Environmental Pollution , Restoration and Management organized by College of Engineering & Technology , Bikaner	Indralok Auditorium, Jaipur	November 20, 2011
4.	A. B. Gupta	Symposium on chemistry and Environment	SKIT Jaipur	December 23, 2011
5.	A. B. Gupta	Hydro 2011	SVNIT, Surat	December 29-30, 2011
6.	A. B. Gupta	All India seminar on New vistas of building construction technologies	IE(I) Jaipur	July 23, 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Prof. Rohit Goyal	SVNIT Surat	To attend Climate Change Project meeting at SVNIT Surat	April 28, 2012
2.	Dr. S.K.Tiwari	BMIT Jaipur; Rajadhani College of Engineering and Technology Jaipur Affiliated to RTU,Kota; Biyani Institute of Science and Management, Jaipur.	Inspection of Institute.	December 6, 2012, December 7, 2012
3.	A. B. Gupta	AIT Bangkok (UEM, SERD)	MHRD sponsored faculty secondment	March 10- May 31, 2012

DEPARTMENT OF COMPUTER 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
1.	Prof. MS Gaur	National Conference on Emerging Trends in Computer Communication and Networks.(ETCN-2012)	MBM Engg, College, Jodhpur	March 24, 2012	Probabilistic Signatures in Malware Detection	
2.	Dr. Vijay Laxmi	National Conference on Emerging Trends in Computer Communication and Networks.(ETCN-2012)	MBM Engg, College, Jodhpur	March 24, 2012	Visual Speech Recognition	
3.	Prof. MS Gaur	Research Review	GTU, Ahemdabad	March 15-17, 2012	Probabilistic Signatures in Malware Detection	
4.	Dr. Vijay Laxmi	Research Review	GTU, Ahemdabad	March 15-17, 2012	Visual Speech Recognition	
5.	Prof. MS	World Telecommunication	IIT Roorkee	May 17, 2012	Metamorphic Malware and	

	Gaur	and Information Sefety Day			Bots: Emerging Threats	
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Participation of Faculty in Seminar/Symposia/Workshop

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Dinesh Gopalani	International MultiConference of Engineers and Computer Scientists 2012	HongKong	HongKong	March 14-16, 2012
2.	Shri. Yogesh Kumar Meena	International Conference on Information Processing (ICIP) 2011	Bangalore	India	August 5-6, 2012
3.	Shri. Yogesh Kumar Meena	International Conference on Fuzzy and Ne ural Computing(FANNCO 2011)	Vishakhapatanam	India	December 20-21, 2011
4.	Shri. Yogesh Kumar Meena	International Conference on Information Systems Design and Intelligent Applications	Vishakhapatanam	India	January 6-7, 2012
5.	Dr. Vijay Laxmi	IFIP International Conference on New Technologies, Mobility and Security (NTMS)	Paris	France	February 7-10 , 2011

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. Maxim Anikeev	Senior Researcher, Taganrog Institute of Technology, Southern Federal University, Russia	Southern Federal University: Academia and Research	October 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
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1.	Prof. MS Gaur	University of Tokyo Nara Institute of Information and Technology (NAIST)	DST Indo-Japan Project	October 18-24, 2011
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Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Dr. Maxim Anikeev	Senior Researcher	Taganrog Institute of Technology, Southern Federal University, Russia	DST-RFBR Project	October 25-30, 2010
2.	Dr. Evgeny Tumoian	Senior Researcher	Taganrog Institute of Technology, Southern Federal University, Russia	DST-RFBR Project	October 25-30, 2010
3.	Prof. Buddhadev	Professor	LD College of Engg, Ahmedabad, Gujarat	Organizing Workshop on Android	-

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Virendra Singh (IISc, India) MS Gaur (MNIT, India) V Kamakoti (IITM, India)	Senior Research Associate Professor Professor	IEEE International Workshop on Reliability Aware System Design and Test (RASDAT 2011)	IIT Madras	January 6-7, 2011
2	MS Gaur (MNIT, India)	Professor	Twelfth workshop on RTL and high level testing (WRTL'11)	MNIT Jaipur	November 25-26, 2011
3	CDAC Bangalore	---	PKI Outreach Programme	MNIT Jaipur	March 4-5, 2011
4	Prof. Buddhadev of LD	Professor	Android	MNIT	September

	College of Engineering, Gujarat		Workshop	Jaipur	23-24, 2011
5	CDAC Bangalore		Garuda Tech Presentation	MNIT Jaipur	November 10-12, 2011
6	IIT Bombay		Open Source Workshop (Linux, Python, MySQL, PHP, Scilab)	MNIT Jaipur	March 19- 23, 2012

DEPARTMENT OF ELECTRICAL 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
1.	Prof. K. R. Niazi	National Conference at Recent Advances on Power System Engineering	Vivekananda Institute of Technology Jaipur	February 4-5, 2012	Distribution System Performance Improvement	Advances in Power System
2.	Prof. K. R. Niazi	National Conference on Distributed Generation (DG-2012)	Kotilya Institute of Technology and Engineering, Jaipur	February 18-19, 2012	Smart Distribution System	Distributed Generation
3.	Dr. Rohit Bhakar	National Conference on Power and Energy System	Rajasthan Technical University Kota	April 23-24, 2011	Electricity Sector Restructuring and Markets	--
4.	Dr. Rohit Bhakar	National Conference at Recent Advances on Power System Engineering	Vivekananda Institute of Technology Jaipur	February 4-5, 2012	Power Sector Restructuring and Developing Markets	--
5.	Dr. Rohit Bhakar	National Seminar on Green Management for Business Competitiveness	Vivekananda Institute of Technology Jaipur	February 17-18, 2012	Green Initiatives in Indian Power Sector	--
6.	Dr. Rajesh Kumar	National Conference on Role of Electronics and	Jaipur	February 2012	Human Computer Interaction	--

		Instrumentation Engineering for Rural Development (NCREIE-12)				
7.	Dr. Rajesh Kumar	National workshop on Bioinformatics: Sequence & Genome Analysis	BISR, Jaipur	December, 2011	Particle Swarm Optimization for Bioinformatics	--
8.	Dr. Rajesh Kumar	Workshop on Knowledge Mining & their Models	IEEE chapter, Jaipur India	December, 2011	Swarm intelligence for Data mining	--
9.	Dr. Rajesh Kumar	National Conference on Advances and Research in Electrical System Technology (AREST-11)	Jaipur	April, 2011	Swarm Intelligence	--

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. H. P. Tiwari	Asia-Pacific Power and Energy Engineering Conference (APPEEC)	Shanghai	China	Mar 27-29, 2012
2.	Dr. Vikas Gupta	Asia-Pacific Power and Energy Engineering Conference (APPEEC)	Shanghai	China	Mar 27-29, 2012
3.	Prof. K. R. Niazi	IEEE Power Engineering Society General Meeting	Detroit, Michigan	USA	July 24-28, 2011
4.	Dr. Anil Swarnkar	IEEE Power Engineering Society General Meeting	Detroit, Michigan	USA	July 24-28, 2011
5.	Dr. Rohit Bhakar	IEEE Power Engineering Society General Meeting	Detroit, Michigan	USA	July 24-28, 2011
6.	Sh. Rajive Tiwari	IEEE Power Engineering Society General Meeting	Detroit, Michigan	USA	July 24-28, 2011
7.	Dr. Vikas Gupta	International Conf. on Computer and Electrical Engineering (ICCEE)	Chekkers INN	Singapore	October 14-16, 2011

8.	Purna Jain	IEEE PES Region 10-Asia Pacific TENCON 2011 Conference	Bali	Indonesia	Novemver 21-24, 2011.
9.	Ms. Kusum Verma	IEEE India Conference on 'Engineering Sustainable Solutions' (INDICON 2011)	Hyderabad	India	December 16-18, 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. Rajesh Kumar	National conference on role of Electronics and Instrumentation Engineering for Rural development(NCREIE-12)	Jaipur	Feb 2012
2	Dr. Rajesh Kumar	Particle swaram optimization for bioinformatics at national workshop on bioinformatics: sequence &Genome Analysis	BISR, Jaipur	Dec 2011
3	Dr. Rajesh Kumar	Swarm intelligence for Data mining at Workshop on Knowledge Mining & their Models, IEEE chapter,	Jaipur	Dec 2011
4	Dr. Rajesh Kumar	Swarm Intelligence at National Conference on Advances and Research in Electrical System Technology (AREST-11)	Jaipur	April 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Prof. K. R. Niazi	Krishna Engineering College, Ghaziabad (UP)	NBA Accreditation	April 8-10, 2011
2.	Prof. K. R. Niazi	Vidya Jyoti Institute of Technology, Hyderabad (AP)	NBA Accreditation	May13-15, 2011
3.	Prof. K. R. Niazi	Jabalpur Engineering College, Jabalpur (MP)	NBA Accreditation	Novemver18-20, 2011
4.	Prof. K. R. Niazi	Jamia Millia Islamia, Jamia Nagar, New Delhi	Faculty Interview	December 13, 2011 & March 28, 2012
5.	Prof. K. R. Niazi	Govt. Engineering College, Ajmer, Rajasthan	Faculty Interview	Nov. 2011

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Prof. S.N. Singh	Professor	IIT Kanpur	Deliver expert lecture during STC	December 20, 2011
2.	Prof. N.P. Padhy	Professor	IIT Roorkee	Deliver expert lecture during STC	December 22, 2011
3.	Dr. A.R. Abhyankar	Assistant Professor	IIT Delhi	Deliver expert lecture during STC	December 19, 2011
4.	Dr. Ashwini Kumar	Associate Professor	NIT Kurukshetra	Deliver expert lecture during STC	December 22, 2011
5.	Dr. Naran Pindoriya	Assistant Professor	IIT Gandhinagar	Deliver expert lecture during STC	December 21, 2011
6.	Dr. R.C. Bansal	Sr. Lecturer	QLU, Australia	Deliver expert lecture during STC	December 23, 2011
7.	Prof. A. P. Mittal	Professor	NSIT Delhi	Ph. D. viva voce Exam.	September 2011
8.	Prof. M. N. Bandopadhyay	Professor	NIT Calicut	Ph. D. viva voce Exam.	October 2011
9.	Prof. A. N. Jha	Professor	IIT Delhi	Ph. D. viva voce exam	2011
10.	Prof. Biswajit Ghosh	Professor	Jadavpur University, Kolkata	Ph. D. viva voce exam	2011
11.	Prof. Y. R. Sood	Professor	NIT, Hamirpur	M. Tech. viva voce Exam	August, 2011
12.	Dr. A.R. Abhyankar	Assistant Professor	IIT Delhi	M. Tech. viva voce Exam	August, 2011
13.	Dr. Hari Om Bansal	Assistant Professor	BITS, Pilani (Rajasthan)	M. Tech. viva voce Exam	August, 2011

Seminar/Conference/Workshop/Short Term Course organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr. Rohit Bhakar Ms Purna Jain	Assistant Professor	STC on Power System Restructuring and Electricity Markets	MNIT, Jaipur	December 19-23, 2011
2.	Dr. Rajesh Kumar	Associate Professor	STC on Wireless and Optical Communication Technologies	MNIT Jaipur	January 2012

DEPARTMENT OF ELECTRONICS & 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
1.	Dr. Ghanshyam Singh	Talk delivered for students of Government Engg. College, Ajmer	Ajmer	January 16, 2012	Surface Plasmon based optical devices	Plasmonic
2.	Dr. Ghanshyam Singh	Invited talk at National Conference on Advances in Wireless and Optical Communication Systems (AWOCS-2012)	Jaipur	March 17-18, 2012	Machzehnder Interferometric based All optical Switches	Photonic Switching
3.	Dr Vijay Janyani	Invited talk at National Conference on Advances in Wireless and Optical Communication Systems (AWOCS-2012)	Jaipur	March 17-18, 2012	Recent advances in Optical Communications	Optical Communication
4.	Dr Vijay Janyani	Invited talk at National Conference on Advanced Electronic and Wireless Communication Technologies (NCAEWCT-2012)	Jaipur	March 24-25, 2012	Optics and Photonics: Challenges and opportunities	Photonics
5.	Dr Ritu Sharma	Invited talk at STTP on Wireless and Optical Communication Technologies (WOCT)	Jaipur	January 9-13, 2012	Photonic Crystal Fibers	Photonics
6.	Dr.V.Sahula	Invited Lecture at Faculty Development Programme (FDP) on VLSI	Jodhpur Institute of Engineering and	June 19-20, 2012	“System Level Design and Modeling”	VLSI and Embedded Systems

		and Embedded Systems,	Technology,			
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Participation of Faculty in International Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr Vijay Janyani	International conference on Integrated Photonics: Materials, Devices and Applications	Prague	Czech Republic	April 18-20, 2011
2.	Dr Vijay Janyani	UKIERI Interactive workshop on microstructured optical fibers	Aurangabad	India	April 14-16, 2011
3.	Dr. Vineet Sahula	Computer Modeling and Simulation, 2011 – IEEE International Conference on	Langkawi,	Malaysia	September 2011
4.	Dr. Ghanshyam Singh	SPIE Photonic West–2012	San Francisco,	USA	January 21 -26, 2012

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1	Dr. Vineet Sahula	ZOPP Workshop	IIT Kanpur	February 10-11, 2012
2.	Dr.D. Boolchandani	ZOPP Workshop	IIT Kanpur	February 10-11, 2012
3.	Dr Vijay Janyani	UKIERI Pre-bid workshop	New Delhi	February 14, 2012

Participated of Faculty in short term courses in India

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. Ritu Sharma	Recent Advances in Electronics and Communication Engineering	MNIT, Jaipur	June 25-29, 2012

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr S Pal	Scientist, CEERI Pilani	Photonic Devices	January 11, 2012
2.	Prof Gangopadhyay	Distinguished Professor, LNMIIT	Optical Networks	January 12, 2012

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr Vijay Janyani	City University, London, UK	Research Interaction under UKIERI Major Project on Microstructured Optical Fibers	December 8-14, 2011
2.	Dr Ghanshyam Singh	Department of Electrical Engineering, University of Minnesota, (USA)	Meeting with Prof. Ranald and Prof. James Leger to discuss research opportunities.	January 27, 2012
3.	Dr. Ghansyam Singh	Government Engg. College, Ajmer	Member of inspection committee to GEC Ajmer, applied for opening of a Research Centre under the Rajasthan Technical University, Kota	September 19, 2012
4.	Dr. Ghansyam Singh	Kautilya Institute of Technology (KITE) Jaipur	Talk delivered on "Research areas and available opportunities in Photonics"	September 28, 2012
5.	Dr. Vineet Sahula	MANIT Bhopal	External exminaer, PhD viva	June 2012
6.	Dr. Vineet Sahula	VNIT Nagpur	External exminaer, PhD viva	January 2012
7.	Dr. Vineet Sahula	RPSC, Rajasthan	As an subject expert	December 2011
8.	Dr. D. Boolchandani	NIT Kurushetra	External exminaer, M.Tech viva	November 2011

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Dr Vijay Janyani, Dr Ghanshyam Singh, Dr Ritu Sharma	Assoc Prof, Asst Prof, Asst Prof	STTP on Wireless and Optical Communication Technologies (WOCT)	MNIT Jaipur	January 9-13, 2012
2.	Dr Ghanshyam Singh, Dr Rajesh Kumar	Asst. Prof. Assoc. Prof.	STTP on Recent trends on Electronics and Communication Engineering	ECE, MNIT Jaipur	June 25 – 29 2012
3.	Dr Ghanshyam Singh, Dr Ritu Sharma	Asst Prof, Asst Prof	National Conference on Recent Developments in Wireless and Optical Technologies	MNIT Jaipur	October 29 -30, 2012
4.	Lava Bhargava	Assoc. prof.	IEEE Workshop on RTL testing	MNIT Jaipur	November 21- 23 2011,

DEPARTMENT OF MECHANICAL ENGINEERING**Participation of Faculty in International Seminar/Symposia/Workshop/Conference**

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. G. Agrwal	Imecs-2012 Confrence	HONGKONG	HONGKONG	March 14-16 , 2012
2.	Mr. M.L.Meena	International Conference on Mechanical, Production and Automobile Engineering (Icmpae'2011).	PATTAYA	THAILAND	December 17- 18, 2011.
3.	Dr.A.K.Rajvanshi	2nd International Conference on Renewable Energy: Generation and Applications	AL AIN	UNITED ARAB EMIRATES	March 4-7, 2012
4.	Dr.G. S. Dangayach	International Conference Icmie 2012	SINGAPORE	SINGAPORE	Feburary 26- 28,2012

5.	Dr. M. L. Mittal	IFORS 2011	Melbourne	Australia	July 10-15, 2011
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Participation of Faculty in National Seminar/Symposia/Workshop/Conference

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. G.D. Agrawal DVG SECRETARY	All India Seminar on Air Quality Management	JAIPUR	April 28-29, 2011
2.	Dr. G.D. Agrawal	Technical Training for R.U.I.D.P. Engineers	MNIT, JAIPUR	August 26, 2012
3.	Mr. M.L.Meena	26 th Natinal Convention of Production Engineers and National Seminar on New Vistas in Production Technologies, Organized by The Institution of Engineers (India).	JAIPUR	May 7-8, 2011
4.	Mr. M.L.Meena	Advances in Mems And Robotics in Manufacturing Industries, Organized by The Institution of Engineers (India).	JAIPUR	September 3-4, 2011
5.	Dr. A.K.Rajvanshi	10 th Ishmt-Asme Heat And Mass Transfer Conference	IIT, CHENNAI	December 27-30, 2011

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr.Thomas Abraham	President, Innovative Research and Products, Inc., Stamford, CT, USA	Nanotechnology and Nanomaterials– Emerging Materials, Applications and Market Opportunities	January 10, 2012

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr.G.D. Agrawal	RPSC, AJMER	Expert for Interview for Mvsi Exam	August 14, 2011
2.		BHARAT INSTITUTE OF		November 11-12,

	Dr.A.K.Rajvanshi	TECHNOLOGY, MEERUT, U.P.	Nba Accreditation	2011
3.	Dr.G. S.Dangayach	NATIONAL UNIVERSITY OF SINGAPORE	Interaction With Faculty For Joint Research	February 28, 2012

Seminar/Conference/Workshop organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1.	Dr.G.D. Agrawal	Associate Professor	All India Seminar on Air Quality Management	JAIPUR	April 28-29, 2012
2.	Dr.A.K.Rajvanshi	Professor	All India Seminar on Air Quality Management	MNIT JAIPUR	April 28-29, 2012
3.	Dr.A.K.Rajvanshi	Professor	All India Seminar on Nanotechnology And its Applications	RSC IE (I) JAIPUR	July 9-10, 2011

DEPARTMENT OF MANAGEMENT STUDIES

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Ms. Priyanka Agarwal	Consultant and Practicing CA	Financial Management	March 13, 2012
2.	Ms. Jasneet Arora	Head Start Pvt. Ltd. Jaipur	Consumer Behaviour	March 14, 2012
3.	Mr. Prashant Sipani	Practising CA, Professional financial & tax consultant	Union Budget 2012 – A discussion	March 12, 2012
4.	Mr. Vivek Singhal	Associate Director-Finance, MTS.	“The Role of Finance Personnel in Service Sector”	February 15, 2012
5.	Mr. Manav Shekhawat	Coca Cola, India	Distribution Management	October 19, 2011
6.	Mr. Ashish Srivastava	Manager, RBI	Financial System	September 20, 2011

Visit of Faculty Members to other Institutions

S.	Name of	Institution /	Purpose of Visit	Date(s) of Visit
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No.	Faculty	Organization Visited		
1.	Dr. Awadesh Bharadwaj	University of Greenwich, UK	Collaboration for PG & PhD courses	June 9-13, 2011
2.	Prof. M.L.Mittal	University of Greenwich, UK	Collaboration for PG & PhD courses	June 9-13, 2011
3.	Dr. G.S. Dangayach	National University of Singapore	Collaboration for PG & PhD courses	February 28, 2012

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Ms. Priyanka Agarwal	CA	Consultant and Practicing CA	Guest Lecture	March 13, 2012
2.	Ms. Jasneet Arora	Head Marketing	Head Start Pvt. Ltd. Jaipur	Guest Lecture	March 14, 2012
3.	Mr. Prashant Sipani	Practising CA	Professional financial & tax consultant	Guest Lecture	March 12, 2012
4.	Mr. Vivek Singhal	Associate Director-Finance	MTS, India	Guest Lecture	February 15, 2012
5.	Manav Shekhawat	Sales Manager	Coca Cola India	Guest Lecture	October 19, 2011
6.	Dr. Jane	Professor	University of Greenwich	Collaboration for PG, PhD programs & Interaction with students	May 10-13, 2011
7	Mr. Ashish Srivastava	Manager	RBI	Interaction with students & Lecture on Financial System	September 20, 2011

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Prof. Dr. C. P. Sharma	MS&T-11	Columbus, Ohio	USA	October 16-20, 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
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1.	R K Duchaniya	Summer workshop on “Structural Characterization Techniques In Materials Science”	IISc, NRC-M, Bangalore	27/6/2011-14/07/2011
2.	R K Duchaniya	Winter workshop on “X-Ray Diffraction Methods”	IISc, NRC-M, Bangalore	December 26-31, 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Prof. Dr. Ashok Sharma	Dept. of Engineering and Management, University of Padova, Vicenza (Italy)	Lecture	February 10,2012

DEPARTMENT OF CHEMISTRY

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Ragini Gupta	Nano-SciTech 2012 - International Conference on Frontiers of Nanoscience, Nanotechnology & Their Applications	Panjab University, Chandigarh	India	February 15-18., 2012
2	Dr Jyoti Joshi	3 rd International Conference On Heterocyclic Chemistry	Jaipur	India	December 10-13, 2011

DEPARTMENT OF HUMANITIES

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Nupur	International Conference on Strategic Communication:	Univ. of Petroleum	India	November 4-5, 2011

	Tandon	Learning From Mistakes	Studies, Dehradun		
2.	Dr Preeti Bhatt	The Contemporary: An International Conference of Literature and the Arts	Nanyang Technological University, Singapore	Singapore	June 24-26, 2011
3.	Dr Preeti Bhatt	ELTAI Rajasthan International Conference: Embracing Glocal English	VIT Campus, Jaipur	India	November 4-5, 2011
4.	Dr Preeti Bhatt	Forum on Contemporary Theory International Conference: “Transcending Disciplinary Decadence: Exploring Challenges of Teaching, Scholarship and Research in the Humanities and Social Sciences”	IIS University, Jaipur	India	December 18-21, 2011

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Dr. Nupur Tandon	Workshop on “Getting Started with your Research”	Jaipur	May 18, 2011

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1	Dr. Nupur Tandon	Anand Education and Research Trust, Jaipur	External Examiner B.Tech. II Practical Exam.	May 25, 2011
2	Dr. Nupur Tandon	MGD Girls’ School, Jaipur	Judge, Spin A Yarn Competition (IPSC CULT FEST)	September 27, 2011
3.	Dr. Nupur Tandon	JECRC, Jaipur	Special Lecture on “Language Polishing and Drafting Skills”	February, 2012
4.	Dr Preeti Bhatt	Nanyang Technological University, Singapore	To present paper in an International Conference	June 24-26, 2011

DEPARTMENT OF PHYSICS

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
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1.	Prof. S. K. Sharma	Networking Conference on New Frontiers: Shifting Trends in the Global Research Landscape and their Impact on Researcher's Career Patterns- organized by the Federal Ministry of Education, Germany and German Funding Agencies AvH, DFG, DAAD etc.	Hotel Oberoi, Gurgaon	India	March 29-30, 2012
2.	Prof. S. K. Sharma	Workshop on Alumniportal Deutschland- organized by the Humboldt Foundation, Germany	Hotel Oberoi, Gurgaon	India	March 31, 2012

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

S. No.	Name of the Faculty	Title of Event	Place	Date(s)
1.	Prof. S. K. Sharma	Delivered invited lectures for college teachers in Refresher Course on Materials Science and Technology organized by the Department of Physics, University of Rajasthan, Jaipur (Course Coordinator: Prof. P. Dashora). Lectures delivered on: 1) Basics of Surface Science and Vacuum Technolgy, 2) Characterization Techniques for Surfaces and Interfaces of Solids	Jaipur	Dec. 7-8, 2011
2.	Prof. S. K. Sharma	Participated in National Conference on Current Trends in Materials Research- organized by the Department of Physics, University of Rajasthan, Jaipur (was also a member of National Advisory Committee of this Conference and papers were also presented by my students at the Conference)	Jaipur	March 17-19, 2012
3.	Prof. S. K. Sharma	Workshop on Materials Science and Atomic/Molecular Physics Experiments using the Low Energy Ion Beam Facility (LEIBF) – organized by Inter-university Accelerator Centre, New Delhi (a research proposal for beam time request on accelerator facility was also presented by my research student Ms. Parul Gupta)	New Delhi	October 21-22, 2011

4.	Dr.K.Sachdev	UGC NRC-M Winter Workshop on X-Ray Diffraction Methods – organized by Deptt. of Materials Engineering, IISC, Bangalore	Bangalore	December 26-31, 2011
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Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. Ramphal Sharma	Associate Prof., Dr. Babasaheb Ambedkar Marathwada University, Aurangabad	Growth & Characterization of Nanomaterials	May 15, 2012

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Prof. S. K. Sharma	Department of Physics, GB Pant University of Agriculture and Technology, Pantnagar (C/o Prof. H. M. Agarwal)	Conducted PhD examination of Ms Gagan Dixit (Supervisor Prof. H. M. Agarwal) and delivered a talk on XPS Characterization of oxide films formed on amorphous and nanocrystalline Ti60Ni40.	November 2-4, 2011
2.	Prof. S. K. Sharma	BARC, Mumbai and University of Mumbai, Physics Department (C/o Dr. D. S. Patil, Plasma Physics Division, BARC, Mumbai)	Conducted PhD examination of Mrs. S. A. Barve (Supervisor Dr. D. S. Patil) and presented work done on BRNS Project and had discussions with the Principal Collaborator for the Project Dr. D. S. Patil)	December 21-23, 2011
3	Prof. S. K. Sharma	Centre for Development of Physics Education (CDPE), University of Rajasthan, Jaipur	Delivered an invited lecture on “Wave-particle duality and Heisenberg’s Uncertainty Relation” at DST INSPIRE programme for school children.	January 24, 2012
4	Prof. S. K. Sharma	Centre for Converging Technologies (CCT), University of Rajasthan, Jaipur (Coordinator: Dr. KVR	Delivered invited lectures (3 lectures) on the theme “ Basics of surface science and characterization of	February 1-3, 2012

		Rao, CCT, UOR, Jaipur).	surfaces/ interfaces of solids”	
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CENTRE FOR ENVIRONMENTAL ENGINEERING

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

S. No.	Name of the Faculty	Title of Event	Place	Country	Date(s)
1.	Dr. Jyotirmay Mathur	Interational Green Building Congress	New Delhi	India	
2.	Dr. Jyotirmay Mathur	VENTCONF	New Delhi	India	
3.	Dr. Jyotirmay Mathur	ACRECONF	New Delhi	India	

Guest Lectures Organized in the Department

S. No.	Name of Speaker	Designation & Affiliation	Topic of Invited Lecture	Date
1.	Dr. S C Chandra	ASHRAE, Distiguished Lecturer	Indoor Air Quality and Energy efficiency in Commercial Buildings	February 24,2012

Visit of Faculty Members to other Institutions

S. No.	Name of Faculty	Institution / Organization Visited	Purpose of Visit	Date(s) of Visit
1.	Dr. J. Mathur	IIT Hyderabad	Lecture	Dec. 2011
2.	Dr. J. Mathur	CEPT Univ. Ahmadabad	Lecture	Dec. 2011

Visitors to the Department

S. No.	Name of the Visitor	Designation	Affiliation	Purpose	Date(s)
1.	Mr. Mark Ginsberg	Sr. Advisor	DOE, USA	Chief Guest of Workshop	October 13, 2011
2.	Ms. Yu sha	Scientist	PNNL, USA	Workshop	October 13, 2011
3.	Mr. Nicholas Long	Sr. Engineer	NREL, USA	Guest lecture	October 24, 2011
4.	Prof. M.P. Maiya	Professor	IIT Madras	Workshop	September 19, 2011
5.	Prof. S.C. Chandra	Professor	NUS, Singapore	Invited lecture	February 24, 2012

Seminar/Conference/Workshop/Interactive session organized:

S No.	Name of the Organizing Secretary	Designation	Title of Event	Place	Date(s)
1	Dr. Jyotirmay Mathur Dr. Sanjay Mathur Mr. Tarush Chandra	Assoc. Prof.	Advanced Training Program on Green buildings	Design Centre, MNIT	August 5-6, 2011
2	Dr. Sumit Khandelwal Dr. Nivedita Kaul	Asst. Prof.	Painting competition for children of govt. primary school at MNIT', 'best out of waste' and 'environmental quiz	MNIT	September 16, 2011
3	Dr. G.D. Agarwal Dr. Jyotirmay Mathur	Assoc. Prof.	Energy Efficiency Through Psychometric Considerations in HVAC Equipment Design	Design Centre	September 19, 2011
4	Dr. Jyotirmay Mathur Dr. Sanjay Mathur Mr. Tarush chandra	Assoc. Prof.	Training on Rajasthan Energy Conservation Building Directives	Design Centre	September 23, October 15, 2011, January 7, January 23, and February 25, April 16, 2012
5	Dr. Jyotirmay Mathur	Assoc. Prof.	Workshop on 'Implementation Plan for ECB Directives in Rajasthan'	Design Centre	October 13, 2011
6	Dr. Jyotirmay Mathur Dr. G.D. Agarwal	Assoc. Prof.	Advanced Building Energy Simulation using EnergyPlus	Design Centre	October 24, 2011
7	Dr. Jyotirmay Mathur Dr. Sanjay Mathur Mr. Tarush chandra	Assoc. Prof.	Training program for Evaluators and Trainer of Green Building Rating System: GRIHA	Design Centre	January 18- 20, 2012

ENTERPRENEURSHIP DEVELOPMENT CELL

Entrepreneurship Awareness camp

S.No.	Activity	Activity
1	Entrepreneurship Awareness Camp	30.11.2011
2	Entrepreneurship Awareness Camps	18.01.2012
3	Entrepreneurship Awareness Camps	20.01.2012
4	Entrepreneurship Awareness Camps	21.01.2012
5	Entrepreneurship Awareness Camps	24.01.2012
6	Entrepreneurship Awareness Camps	13.03.2012
7	Entrepreneurship Awareness Camps	29.03.2012

INDUSTRY - INSTITUTE PARTNERSHIP CELL

Training Programme for Industry

S.No.	Activity	Dates
1	Training programme for Bosch Ltd.	11-15 July 2012
2	Training programme for Bosch Ltd.	18-22 July 2012
3	Training programme for Bosch Ltd.	16 – 20 Apr. 2012

Interaction Programme

S.No.	Activity	Activity
1	Interaction with foreign delegates (39 delegates from 19 countries)	04.10.2011
2	Interaction with foreign delegates (40 delegates from 19 countries)	18.11.2011
3	Interaction with foreign delegates (67 delegates from 20 countries)	05.03.2012

11.7 LIST OF CANDIDATES PURSUING /AWARDED PH. D. OR M.TECH.

DEPARTMENT OF CHEMICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S.No.	Name of the Ph.D. student	Supervisor (s)	Topic/Area	Status
1	Mrs. Madhu	Prof. S.P. Chaurasia &	Studies on Preparation and	Completed

	Agarwal	Dr. Kailash Singh	Characerization of Biodiesel	
2	Ms. Kriti Bhandari	Prof. S. P. Chaurasia & Prof. Alok Gupta	Studies on Synthesis of DHA Rich Triglycerides from Fish Oil	Pursuing
3	Mr. Ravi Dhabhai	Prof. S. P. Chaurasia	Studies on Bioethanol Production from Ligoncellulosic Feedstock	Pursuing
4.	Mr. Sushant Upadhyaya	Prof. S.P. Chaurasia & Dr. Kailash Singh	Studies on Vacuum Membrane Distillation for Desalination	Pursuing
5.	Mr. Rajeev Kumar Dohare	Dr. Kailash Singh & Dr. Rajesh Kumar	Control of Dividing Wall Column	Pursuing
6.	Mr. Shiv Om Meena	Dr. Manish Vashishtha	Studies on Thin Liquid Films	Pursuing
7.	Ms. Parul Bhatt	Dr. Prabhat Pandit and Dr. R. K. Vyas	Removal of Dyes from Water	Pursuing
8.	Mr. Sandeep Tomar	Dr. R. K. Vyas and Dr. A. B. Gupta	Studies on Chemical Characterization and Treatment of Produced Water from Oil and Gas Production Facility	Pursuing
9.	Ms. Swati Jain	Dr. Prabhat Pandit and Dr. R. K. Vyas	Removal of Antiviral Drugs from Water	Pursuing
10.	Ms. Manisha Sharma	Dr. R.K. Vyas & Dr. Kailash Singh	Mathematical and Computer Simulation of a Packed Bed Reactive Adsorption Column	Pursuing
11.	Mrs. Isha Arya	Dr. S. K. Jana	Studies on the performance of a Foam-bed Reactor for Gas-liquid and Gas-liquid-solid systems.	Pursuing
12.	Mrs. Neha Sharma	Dr. Kailash Singh	Control of Reactive Distillation Column	Pursuing
13.	Mrs. Parul Arora	Prof. Alok Gupta	Study of Emulsion polymerization of PMMA: Modeling and Control	Pursuing
14.	Ms. Monika Maheshwari	Dr. R. K. Vyas	Studies on Removal of Cilrofloxacine Hydrochloride using Adsorption and Advanced Oxidation Process from its Aqueous Soution	Pursuing
15.	Mr. Udai Bhanu Maheshwari	Prof. S. P. Chaurasia & Prof. Alok Gupta	Development of Membrane Based Low Cost Desalination Technology	Pursuing
16.	Mr. Solanki Lalit Vashram	Dr. S K Jana	Studies on Removal of Toxic Chemical from Industrial Effluents using Conventional and Nano	Pursuing

			Adsorbents	
17.	Mr. Jitendra Kumar Singh	Prof. S. P. Chaurasia	Membrane Distillation	Pursuing
18.	Mr. Arvind Agarwal	Dr. Manish Vashishtha	Agro residue utilization : A case study of Rajasthan state	Pursuing
19	Mr. D. R. Jangid	Dr. A. B. Gupta and Dr. R. K. Vyas	Studies on the Bio-reactor of Activated Sludge Process	Pursuing

List of Candidates Awarded/Pursuing M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Sanjay Verma	Dr. Prabhat Pandit	Removal of Zn, Cu and Ni from aqueous solution using Electro – coagulation: Adsorption and Kinetic studies	Pursuing
2.	Ajay Kumar Verma	Dr. Madhu Agarwal	Production of Amylase enzyme from brewer spent grain by fermentation	Pursuing
3.	Preeti	Dr. Manish Vashishtha	Modeling and simulation of solar distillation	Pursuing
4.	Sharad Khandelwal	Dr. Kailash Singh	Identification and control of van der vusse reactor using artificial neural networks	Pursuing
5.	Amrita Singh	Dr. S. P. Chaurasia	Saccharification of wheat straw using cellulase enzymes	Pursuing
6.	Sini Shankar	Dr. S. P. Chaurasia	Kinetic study of esterification of lauric acid with butanol	Pursuing
7.	Aparna Yadav	Dr. S. K. Jana	Studies on carbonation of hydrated lime in a foam bed reactor using different types of surfactants	Pursuing
8.	Richa Sharma	Dr. R. K. Vyas	Studies on removal of diclofenac from water/waste water	Pursuing
9.	Rashi Birla	Dr. Manish Vashishtha	Modeling and simulation of electrostatic precipitator	Pursuing
10.	Sandeep Kumar Patel	Dr. Suja George	Fluoride removal studies on magnesium coated sand	Pursuing
11.	Chetan Tantla	Mr. Rajeev Kumar Dohare	Removal of Cu ⁺⁺ ions from aqueous solution using emulsion liquid membrane	Pursuing
12.	Saurabh	Mr. Sushant Upadhyaya	Modeling and simulation of batch emulsion polymerization reactor for PMMA synthesis	Pursuing
13.	Abhay Dinker	Dr. Madhu Agarwal	Production of value added product (bioethanol) from spent grain using mixed fungal cultures	Pursuing
14.	Pragati	Dr. S.K. Jana	Studies on carbonation of barium sulphide in a foam bed reactor	Pursuing
15.	Lalit Singh Baghel	Prof. Alok Gupta	Desorption studies for nylon -6, measurement of K _{La} values	Pursuing

16.	Priyanka Meena	Dr. Prabhat Pandit	Desalination of water by adsorption using zeolite adsorbent	Pursuing
17.	Shiv Mangal Singh	Dr. R. K. Vyas	Studies on removal of nevirapine from water using photocatalysis and electrocoagulation	Pursuing
18.	Kumar Saurabh	Dr. Manish Vashishtha	Modeling and simulation of mist reactor	Pursuing
19.	Rahul Patwa	Dr. R. K. Vyas	Studies on graywater treatment using advanced oxidation processes	Pursuing
20.	Suraj Prakash	Dr. Suja George	Studies on dye removal using pine bark	Pursuing
21.	Arvind Kumar	Dr. Madu Agarwal	Removal of formaldehyde using bagasse- alumina as biocomposite adsorbent- batch and continuous study	Pursuing
22	Mr. Pawan Kumar	Dr. R. K. Vyas	Studies on Removal of Antiviral Drug: Lamivudine from Wastewater using Different Membranes and Adsorption using Batch and Column Processes	Completed
23	Mr. Akhilesh Kumar Pal	Dr. R. K. Vyas	Removal of Congo Red by using Electrocoagulation Technique	Completed
24	Ms. Piyanki Das	Dr. R. K. Vyas	Removal of Norfloxacin from Wastewater using Advanced Oxidation Processes and Column Adsorption	Completed
25	Shitanshu Pandey	Mr. S. Upadhyaya and Dr.P.Pandit	Batch Emulsion Polymerization for Synthesis of PMMA and its Reaction Calorimetric Study	Completed
26	Prachee Misra	Dr. Kailash Singh	Nonlinear model predictive control of continuous stirred tank reactor and packed bed reactor	Completed
27	Chandan Kumar Jha	Dr. Kailash Singh	Nonlinear model predictive control and neural network control of Fischer-Tropsch reactor	Completed

DEPARTMENT OF CIVIL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Dr. Sumit Khandelwal	Prof. Rohit Goyal	Study of Spatial and Seasonal variations of Surface Temperatures of Jaipur City and its relationship with Land Cover/Land Use changes.	Completed
2.	Sh. Vijai Singhal	Prof. Rohit Goyal	Use of GIS for Pollution Control Planning/Monitoring in the Rajasthan State	Submitted
3.	Sh. Dipak N. Kongre	Prof. Rohit Goyal	Water Resource Management Study of Proposed Parbati–Kalisindh–Chambal Link Project	Continuing

4.	Sanjay Mathour	Dr. S.K.Tiwari	Behavior of Reinforced soils and their influence on Frames and footings	Awarded
5.	Raghuvir Singh	Dr. S.K.Tiwari	Evaluation of Reinforced soil techniques seeking their influence on stability of Embankments	Thesis Submitted
6.	Anil Kumar Ghiya	Dr. S.K.Tiwari	Engineering Behaviour of Compacted coal ash mixed with soils under super imposed loads	Thesis to be Submitted shortly
7.	N.K.Kumavat	Dr. S.K.Tiwari	Application of ground improvement techniques to Civil Engineering Structures (Tentative)	In Progress
8.	Jagdish Prasad Sharma	Dr. S.K.Tiwari	Evaluation of Reinforced soil techniques to retaining Structures and building frames.	In Progress
9.	Gaurav Sancheti	Dr. Vinay Agrawal	Conceptual Design of Post Tensioned slabs	In Progress
10.	Vinay Chandwani	Dr. Vinay Agrawal	Optimization of structure using GA	In Progress
11.	S.M.S.Shashidhara	A K Vyas	A Study on the Characterization and use of ISF Slag as fine aggregate in Cement concrete	Awarded
12.	Ms Nivedita Kaul	Prof. A.B. Gupta And Dr. J. Mathur	Particulate pollution in urban indoor environs	Thesis awarded
13.	Mr. Lalit Joshi	Prof. A.B. Gupta And Dr. J. Mathur	Particulate pollution in rural indoor environs	Work in progress
14.	D.R. Jangid	Prof. A.B. Gupta Dr. R.K. Vyas	Optimization of sewage treatment in the presence of dyes	Work in progress
15.	Sandeep Tomar	Prof. A.B. Gupta Dr. R.K. Vyas	Studies on chemical characterization and treatment of produced water from oil and Gas production facility	Work in progress
16.	Saakshi	Prof. A.B. Gupta Dr Kailash Singh	Treatability studies for paper and pulp industry effluent	Work plan to be presented
17.	S.A.A. Naqvi	Dr. Sandeep Chaudhary	Behaviour of Interlocking Block Masonry	In Progress
18.	Bhavna Tripathi	Dr. Sandeep Chaudhary	Durability studies of concrete incorporating ISF Zinc slag as sand	In Progress

			replacement.	
19	Sumitra Kumari	Dr. Sandeep Chaudhary	Theoretical investigation of behaviour of bonded and externally prestressed steel concrete composite beam	In Progress

List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Ms. Garima Sharma	Prof. Rohit Goyal	Soil Erosion Mapping of Watersheds of Catchment Area of Bisalpur Dam Reservoir using Remote Sensing and Geographic Information System	Completed
2.	Ms. Shabeena Zaidi	Prof. Rohit Goyal	Capacity Estimation on Bisalpur Reservoir Using Remote Sensing & GIS	Completed
3.	Ms. Neha Singh	Prof. Rohit Goyal	Development of Groundwater Contaminant Flow Model for Pali District, Rajasthan	Completed
4.	Manoj Saini	Dr. S.K.Tiwari	Study on behaviour of coal ash –soil compacted fills	Awarded
5.	Ankit Suri	Dr. S.K.Tiwari	A study of behaviour and analysis of combined piled raft foundations	Awarded
6.	P.Ravi Kumar	Dr. S.K.Tiwari	Study on behavior of expansive cohesive soils	Awarded
7.	Kumari Priyanka	Dr. Vinay Agrawal	Cost Optimization of RCC Column using Genetic Algorithm (GA)	Awarded
8.	Renu Rani	Dr. Vinay Agrawal	Cost Optimization of Singly and Doubly Reinforced Beam using Genetic Algorithm	Awarded
9.	Nidhi Khandelwal	Prof. A.B. Gupta And Dr G. D. Agarwal	MSW Projections for Generation Rate and Energy Content with Estimations of Landfill Gas Generation for Jaipur, Jodhpur & Ajmer Regions of Rajasthan	awarded
10.	Anurag Yadav	Prof. A.B. Gupta And Dr S. K. Singh	Air pollution and cardiovascular health- a case study of Jodhpur city	awarded
11.	Tushali Jagwani	Prof. A.B. Gupta	Performance analysis of wetlands at JalMahal lake	awarded
12.	Prakash Vijayvergia	Prof. A.B. Gupta	Performance analysis of wetlands at JalMahal lake	awarded
13.	Aakansha	Prof. A.B. Gupta	Performance analysis of wetlands at JalMahal lake	awarded

DEPARTMENT OF COMPUTER ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Capt. K.K.Paliwal (October 25, 2010)	Prof. MS Gaur Dr. Vijay Janyani (ECE)	QoS Aware Routing in network on Chip	PhD Awarded
2.	Ms. Neeta Nain (February 7, 2011)	Dr. Vijay Laxmi	Scale Independent Interest Point Detection and its Hardware Architecture	PhD Awarded
3.	Mr. Naveen Choudhary (February 21, 2011)	Prof. MS Gaur	Irregular Topology Design Methodologies for Application Specific Network on Chip	PhD Awarded

List of Candidates Awarded M. Tech. Degree

S. No	Name of student	Supervisor	Title of thesis	Status
1.	Amit Mithal (2009PCP105)	Dr. Girdhari Singh	Implementation of k-nearest Neighbour Classification, k-Means Clustering, k-Means Clustering with Improved Initial Means and Validation using WEKA	In Progress
2	Manish Jain (2009PCP112)	Sh. Dinesh Gopalani	Aspectization of Contracts in DBC	In Progress
3.	Sonal Yadav (2010PCP101)	Prof. MS Gaur	Micro Telecom: Scavenging Solar Wind Hybrid Power for Remote Area Mobile Networks	In Progress
4.	Payal Awwal (2010PCP103)	Prof. MS Gaur	Tsunami Simulation On GPU	In Progress
5.	Smita Agarwal (2010PCP104)	Dr. Girdhari Singh	Stock Price Prediction using Different Types of Artificial Neural Networks	In Progress
6.	Smita Naval (2010PCP105)	Dr. Vijay Laxmi	Structural Based Malware Unpacker	In Progress
7.	Sandeep Kr. Gupta (2010PCP110)	Dr. Vijay Laxmi	An Efficient BPCS Image Steganography using Integer Wavelet Transform	In Progress
8.	Urvashi Garg (2010PCP113)	Prof. MS Gaur	Attack Graphs for Cyber Warfare	In Progress
9.	Riti Kushwaha (2010PCP114)	Dr. Neeta Nain	Facial Expression Recognition	In Progress
10.	Pankaj Chejara (2010PCP116)	Prof. MS Gaur	Vulnerability Analysis, Attack Graphs Generation and Scoring	In Progress
11.	Kamlesh Rathi (2010PCP117)	Prof. MS Gaur	Tsunami Simulation on GPU	In Progress

12.	Jitesh Shekharajka (2010PCP120)	Ms. Meenakshi Tripathi	Performance Analysis of LEACH with Sybil Attack in WSN	In Progress
13.	Promila (2010PCP121)	Dr. Vijay Laxmi	Biometric Verification System using Palmprint and Hand Geometry	In Progress
14.	Vinesh Kumar Jain (2010PCP122)	Prof. MS Gaur	Hybrid Approach to access MAC under Variable Network Load and Emulation with ns-3 Simulator	In Progress
15.	Narendra Kumar Patel (2010PCP124)	Ms. Meenakshi Tripathi	Selective Forwarding Attack in LEACH in Wireless Sensor Networks	In Progress
16.	Neeraj Garg (2010PCP127)	Prof. MS Gaur	Performance Analysis and Attack on AODV in MANET	In Progress
17.	Prashant Yadav (2010PCP129)	Prof. MS Gaur	Content Management Systems for Automation of Portals	In Progress
18.	Sakshi Agarwal (2010PCP130)	Dr. Vijay Laxmi	Content Management System	In Progress
19.	Vinayak Singh (2010PCP131)	Sh. Dinesh Gopalani	Hive and R Integration on Hadoop Cluster	In Progress
20.	Gaurav Singhal (2010PCP132)	Sh. Dinesh Gopalani	Parallelization of C Code using OpenMP	In Progress
21.	Parvez Faruki (2010PCP134)	Dr. Vijay Laxmi	Structural Fingerprinting for Packed and Metamorphic Malware	In Progress
22.	Nishtha Kesswani (2008PCP123)	Sh. Dinesh Gopalani		Completed
23.	Neha Patwari (2009PCP101)	Sh. Dinesh Gopalani		Completed
24.	Saurabh Maheshwari (2009PCP103)	Dr. Vijay Laxmi	Robust Multimodal Watermarking	Completed
25.	Ramprasad Jat (2009PCP104)	Dr. Vijay Laxmi	Audio Speech Recognition	Completed
26.	H. Meena Sharma (2009PCP106)	Prof. MS Gaur	Attacks on DSDV Protocols in MANETs	Completed
27.	Manish Sharma (2009PCP108)	Prof. MS Gaur	OLSR Vulnerability Attacks and Detection	Completed
28.	Manoj Kumar Bohra (2009PCP109)	Sh. Dinesh Gopalani		Completed
29.	Grijesh Chauhan (2009PCP116)	Dr. Vijay Laxmi Prof. MS Gaur	Bioinformatics Techniques for Metamorphic Malware Analysis and Detection	Completed

30.	Iti Choudhary (2009PCP119)	Sh. Dinesh Gopalani		Completed
31.	Manas Puthal (2009PCP120)	Prof. MS Gaur	Simulation and Performance Analysis of Clutster and 3D Routing on Network-on-Chip	Completed
32.	Priyam Pandia (2009PCP121)	Dr. Vijay Laxmi	Digital Audio Watermarking	Completed
33.	Nitesh Kumar Prajapati (2009PCP122)	Prof. MS Gaur	VANET Atatck Implementation and Cooperative Detection Techniques	Completed
34.	Sachin Jain (2009PCP126)	Dr. Vijay Laxmi	Statistical Methods for Malware Detection	Completed
35.	Anisha Agarwal (2009PCP127)	Prof. MS Gaur	Metamorphic Maliciousness Detection through Functionality Equivalence	Completed
36.	Deepika Gupta (2009PCP128)	Dr. Vijay Laxmi	Visual Speech Recognition	Completed
37.	Shubhlakshmi Agarwal (2009PCP102)	Sh. Yogesh Meena	Comparative Study of Feature Extraction Techniques for Facial Expression Recognition	Completed
38.	Rakesh Kumar Tiwari (2009PCP115)		-	Completed
39.	Manju Rani (2009PCP117)	Sh. Yogesh Meena	-	Completed
40.	Vinod Kumar Jatav (2009PCP123)	Ms. Meenakshi Tripathi	-	Completed
41.	Rohit Kumar Batwada (2009PCP129)		-	Completed

DEPARTMENT OF ELECTRICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Sh. S. V. Bhangale	Prof. R. A. Gupta Dr. Rajesh Kumar	Direct Torque Controlled High Performance Induction Motor Drive	Awarded
2	Mr. Rajesh S. Surjuse	Prof. R. A. Gupta Dr. Rajesh Kumar	Artificial Intelligence Based High Performance Induction Motor Drive	Awarded
3	Sh. Javed Khan Bhutto	Prof. Mool Singh	Enhancing Energy efficiency of Photovoltaic system using power conditioning units	Awarded
4	Mr. Mahendra	Prof. Mool	Investigations on Techno-	Awarded

	Lalwani	Singh Prof. D. P. Kothari	Economic aspects of Solar Photovoltaic System in India	
5	Ms. Lata Gidwani	Dr. H. P. Tiwari	Wind Energy Integration In Electrical Power Grid: Power Quality Improvement	Awarded
6	Sh. Nikhil Gupta	Prof. K. R. Niazi	Distribution System Performance Improvement	Submitted
7	Sh. Anil Swarnkar	Prof. K. R. Niazi	Distribution Network Reconfiguration using AI Techniques	Submitted
8	Sh. Ramesh Pachar	Dr. H. P. Tiwari	Improved Static Transfer Switch for Protection of Sensitive Loads	Submitted
9	Sh. Amit Soni	Prof. C. M. Arora Dr. Vikas Gupta Prof. B. L. Ahuja	Investigation of Properties of Materials Used for Solar Photovoltaic Cells and Applications of the Solar Cells	Submitted
10	Sh. Sunil Kr Gupta	Dr. H. P. Tiwari	Power Quality Improvement of a power system using Dynamic Voltage Restorer	Submitted
11	Sh. S. K. Bisnoi	Prof. R. A. Gupta Dr. Rajesh Kumar	Performance Analysis of Vector Controlled Induction Motor Drive	Submitted
12	Sh. Manoj Gupta	Prof. R. A. Gupta Dr. Rajesh Kumar	Analysis of Power Quality Disturbances using AI Techniques	Submitted
13	Sh. Ajay K. Bansal	Prof. R. A. Gupta Dr. Rajesh Kumar	Artificial Intelligence Application to Hybrid Energy System	Submitted
14	Sh. Manzoor Ali	Prof. K. R. Niazi Prof. Manoj Fozdar	Volatag sag assessment and its mitigation with FACTS based devices	Pursuing
15	Sh. Virendra S. Sangtani	Prof. R. A. Gupta Dr. Rajesh Kumar	Investigation on Direct Torque Controlled Matrix Converter Fed Induction Motor Drive	Pursuing
16	Sh. Pushpendra Singh	Prof. Mool Singh Prof. D.P. Kothari	Integration of green and conventional energy sources	Pursuing
17	Sh. Rajive Tiwari	Dr. Vikas Gupta Prof. K. R. Niazi	Voltage Stability Assessment and Preventive Control	Pursuing

18	Ms. Kusum Verma	Prof. K. R. Niazi	Online Security Assessment of Power System Using Artificial Intelligence (AI) Techniques	Pursuing
19	Sh. Pramod Kumar Bhatt	Prof. R. A. Gupta	---	Pursuing
20	Sh. Viany K. Jadoun	Prof. K. R. Niazi Dr. Nikhil Gupta	Economic operation of power system	Pursuing
21	Sh. Dhanraj Chitara	Prof. K. R. Niazi	Undergoing course work	Pursuing
22	Sh. Gulshan Sharma	Prof. K. R. Niazi	Undergoing course work	Pursuing
23	Sh. B. C. Kharbas	Prof. Manoj Fozdar Dr. H. P. Tiwari	Cost based evaluation of transmission pricing methodologies of Restructured power system	Pursuing
24	Sh. Shahbaz Ahmed Siddiqui	Prof. Manoj Fozdar Prof. K. R. Niazi	Dynamic security enhancement through its prediction and mitigation.	Pursuing
25	Sh. K. Narayanan	Prof. Manoj Fozdar	Undergoing course work	Pursuing
26	Sh. Sudhanshu Gupta	Dr. H. P. Tiwari	Transient Fault Behavior and Power Quality Assessment of Interconnected Distributed Generation System	Pursuing
27	Ms. Rupal Singh	Dr. Rajesh Kumar	Undergoing course work	Pursuing
28	Ms. Prerna Jain	Dr. Rohit Bhakar	Electricity Bidding Strategies for Generation Companies	Pursuing
29	Ms. Parul Mathuria	Dr. Rohit Bhakar	Risk Management in Electricity Markets	Pursuing
30	Ms. Amita Sharma	Dr. Rohit Bhakar Dr. H. P. Tiwari	Distribution Network Pricing	Pursuing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of Student	Supervisor	Title of thesis	Status
1	Pradeep Anjana	Dr. H.P. Tiwari	Analysis of Hybrid Renewable Energy System for Electrification in Remote and Hilly/Tribal Belt of Western Rajasthan	Awarded
2	Vishal Sharma	Dr. H.P. Tiwari	Investigation of Harmonics of Air-Conditioner and Cold Storage Systems	Awarded
3	Ms. Kshamta Mathur	Dr. H. P. Tiwari	Voltage Sag/Swell Mitigation by Dynamic Voltage Restorer using Artificial Intelligence.	Awarded
4	Ms. Divya Mathur	Ms. Prerna Jain	Biogeography algorithm application to Economic load dispatch	Awarded

5	Ms. Sujata Singh	Dr. Nikhil Gupta	Sequential Optimization of Reconfiguration and Capacitor Placement using Ant Colony Optimization	Awarded
6	Pushpendra Singh	Dr. Anil Swarnkar	Distribution System Performance Improvement using Renewable Energy Distributed Generation.	Awarded
7	Mirtunjay K. Modi	Dr. Anil Swarnkar	Multi-Constrained Economic Load Dispatch using Genetic Algorithm	Awarded
8	Nishant Dwivedi	Prof. Manoj Fozdar	Mitigation of Fault Induced Voltage Sag by Optimal Placement of STACOM using Genetic Algorithm	Awarded
9	Ravi Prakash	Prof. R. A. Gupta	Distributed Generation Integrated with Grid	Awarded
10	Ravindra Pal Singh	Sh. V. K. Jain	Thermal Aging of Distribution Transformer and Network System	Awarded
11	Atul Kulshrestha	Mrs. Nikita Jhanjaria	Method of Balancing Supply and Demand in Isolated System with Voltage Source Inverter	Awarded
12	Ms. Jyotsna Singh	Sh. Ashok Kr. Agarwal	Neural Network Based Control of SVC to Enhance Voltage Stability of AC Power System	Awarded
13	Satish Sharma	Dr. Rohit Bhakar	Non-cooperative Game Theoretic Approach for Electricity Bidding.	Awarded
14	Varun Satya	Prof. K. R. Niazi Dr. Rohit Bhakar	Electricity Market Equilibrium Model Considering Demand Elasticity.	Awarded
15	Sumit Sharma	Prof. Mool Singh	PSO for Optimal Placement of Distributed Generation on Distribution Network	Awarded

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic (Broad Area)	Status
1.	Dr M.Salim	Prof R.P.Yadav	Investigations on Turbo Codes for improving performance of wireless channels	Awarded
2.	Dr Ritu Sharma	Dr Vijay Janyani (co-supervisor:Prof SK Bhatnagar)	Design and Analysis of Single Mode and Flattened Dispersion Property in Elliptical Air Hole Photonic Crystal Fiber	Awarded
3.	Dr Ghanshyam Singh	Dr Vijay Janyani (co-supervisor:Prof RP Yadav)	Design and analysis of all – optical switches using different architectures and configurations	Awarded
4.	Lokesh Tharani	Prof R.P.Yadav	A Performance Evaluation of Limited	Awarded

			Multiuser Detection Technique using Parallel Interference Cancellation Multistage Detector in DS- CDMA System	
5.	Mr Manish Tiwari	Dr Vijay Janyani	Supercontinuum generation in PCFs	Ongoing
6.	Mr Sanjeev Metya	Dr Vijay Janyani (co-supervisor:Prof SG Modani)	Novel coding schemes for Optical fiber communication	Ongoing
7.	Mr Nagesh Janrao	Dr Vijay Janyani	Slow light applications in PC waveguides	Ongoing
8.	Mr. Sandeep Vyas	Dr Ghanshyam Singh	Application of Plasmonic/Nanophotonics	Ongoing
9.	Mr. Mukesh Kr. Gupta	Dr Ghanshyam Singh	Application of Plasmonic/Nanophotonics	Ongoing
10.	Mrs. Monika Mathur	Dr Ghanshyam Singh (co-supervisor:Prof SK Bhatnagar)	Application aspect of Dielectric Engineering for Microstrip Antenna designs	Ongoing
11.	Mr Tarun Varma	Dr D. Boolchandani	Fabrication and Characterization of Zinc Oxide thin film for optoelectronic device applications.	Ongoing
12.	Mrs. Seema Yardi	Dr D. Boolchandani	Lab on chip : Detection of pathogen from body fluid/water/food using optical sensing	Ongoing

List of Candidates Awarded M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1	Alok Sharma	Dr.V.Sahula	Reconfiguration Approaches for Low Power Design on FPGA based systems: Case study of ATM Cell Assembler	Awarded
2	Monika Katta	Dr D. Boolchandani	Power optimization of Analog circuits using Geometric Programming.	Awarded
3	Yashwant Singh	Dr D. Boolchandani	Design of Low Leakage SRAM Circuits.	Awarded
4	Pramod Khandelwal	Dr D. Boolchandani	Exploration of Sampling Methods for Accurate Analog Behavioral Model.	Awarded
5	Shivani Yadav	Dr D. Boolchandani	Modeling and Simulation of CMOS Logic Circuits Using ANN	Awarded

			and ANFIS	
6	Vidhi Agrawal	Lava Bhargava	Hardware Implementation of binary LDPC Encoder	Awarded
7	Ashish Sharma	Mr. Lava Bhargava	System level Modeling at TLM: Case study of Multiprocessor SOC	Awarded
8	Noor-Ul-Mustafa	Mr. Lava Bhargava	Hardware Implementation and Performance Analysis of Non Binary LDPC Decoder	Awarded
9	Vinod Jangid	Mr. Lava Bhargava	Dual polarized Microstrip Antenna	Awarded
10	Sumit Kokcha	Mr. Taun Varma	Image Denoising and restoration using wavelets	Awarded
11	Ms Abhilasha Bhatnagar	Dr. V. Janyani	Large effective area leaky mode fiber for enhanced performance	Awarded
12	Dileep Kumar R	Dr.V. Janyani	Enhanced Light Trapping in Thin Film Solar Cells using Modified Diffraction Grating	Awarded
13	Ms Rukhsar Zafar	Dr.V. Janyani	Performance Enhancement of Slow Light Based Photonic Crystal Waveguide using Different Techniques	Awarded
14	Nitesh Kumar ID:2010PEC130	Dr.G. Singh	Design and Analyses of 3-dB Cross Gap Couplers and comparison of their Performance Analyses with Directional and Multi Mode Interference Couplers	Awarded
15	Saurabh Sahu	Dr.G. Singh	Modelling and Characterization of Photonic Crystal Fibers with Fibonacci Series Arranged Circular and Elliptical Air Holes	Awarded
16	Dinesh Kr. Yadav	Dr.G. Singh	Nonlinear Directional Coupler Based All Optical Photonic Crystal Switch	Awarded
17	Manish Gupta ID: 2010PEC107	Dr.G. Singh	Modeling of Silver Based Plasmonic Lens and Scope to Generate Bending of Light Beams	Awarded
18	Lalit Dusad	Dr.Ritu Sharma	Design of photonic crystal bandpass based on ring Ring Resonator	Awarded
19	Pushpa Gangwal	Dr.Ritu Sharma	Novel Designs of Photonic Crystal Fiber for Ultra Low & Flattened Dispersion in Wide Wavelength Range	Awarded
20	Mamta kamra	Dr.Ritu Sharma	Flattened Chromatic Dispersion obtained using various structures of Rectangular, Hexagonal and Octagonal PCF	Awarded

21	Rajendra Kumawat	Dr.Ritu Sharma	Photonic Crystal Ring Resonator Based Optical Channel Add/Drop Filter Using Elliptical Rods	Awarded
22	Arti sharma	Dr. M. Salim	Optimized BICM for wireless fading channels	Awarded
23	Soma Kumawat	Dr. M. Salim	Non symmetric Turbo codes for improved error performance.	Awarded
24	B. Rajendra Kumar	Dr. M. Salim	Improved stopping criteria for turbo codes.	Awarded
	Kapil Narwal	Dr. M. Salim	Optimumd design of block S-random interleaver for turbo codes.	Awarded

DEPARTMENT OF MANAGEMENT STUDIES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Deepika Joshi	Prof. APS Rathore	Determinant of Competitiveness in auto component industry-A study of Indian auto component manufactures.	Awarded
2.	Khusbhoo Jain	Dr. Geetanjali Sharma	Performance Appraisal	Pursuing
3.	Sushila Singh	Dr. Deepti Sharma	Brand Management	Pursuing
4.	Sanjay Gaur	Dr. A. Bharadwaj	Application of FMEA in HR functions	Pursuing
5.	Ajeet Poonia	Dr. G.S. Dangayach	Improved model development for cyber crime prevention	Pursuing
6.	Sanjay Rajpal	Dr. A. Bharadwaj	Information Management in distance education	Pursuing
7.	Manisha Chaudhary	Dr. Deepti Sharma	Relationship between competency and employees' quality of work life	Pursuing
8.	Anil Kr Sharma	Dr. A. Bharadwaj	Managerial and economic issues in the development of Ceramic clusters	Pursuing
9.	Charan Singh	Dr. G.S Dangayach	Study of managerial aspects in Air traffic control	Pursuing

DEPARTMENT OF MECHANICAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Mahendra Singh Khidiya	Dr. A. Bharadwaj	Ergonomics in Agricultural Sector	Completed
2.	M L Meena	Dr. A. Bharadwaj	Some Issues on Ergonomics	Doing
3.	Ajeet Ponia	Dr. A. Bharadwaj	Cyber Crime Management	Completed
4.	M. Augustine	Dr.A.P.SRathore	Product Development Methodology: A Framework	Completed
5.	Vijay Pratap Rathod	Dr.A.P.SRathore	Rbrdo	Completed
6.	Chandra Kumar Badole	Dr.A.P.SRathore	Scm	Doing
7.	Ankur Pareekh	Dr.A.P.SRathore	Performance Management in Scm	Doing
8.	Manish Bharwa	Dr.A.P.SRathore	Customer Churning	Doing
9.	Avinash Panwar	Dr.A.P.SRathore	Benchmarking	Doing
10.	Vinod Singh Yadav	Dr.Dilip Sharma	Studies on Hydrogen Fuelled C.I. Engine	Completed
11.	Deppesh Sonar	Dr.Dilip Sharma	Studies of C.I. Engine Operated Space Cooling System	Doing
12.	Rahul Goyal	Dr.Dilip Sharma	Micro-Trigeneration Space Cooling	Doing
13.	Ashish Nayar	Dr.Dilip Sharma	Alternate Fuel Operated C.I. Engine	Doing
14.	Pradeep Kumar	Dr.Dilip Sharma	Simulation of Automobile	Doing
15.	Doraj Kamal Jamwa	Dr.Dilip Sharma	Studies on Ethanol Fuel C.I. Engine Operated Micro C.H.P. System	Doing
16.	Jinesh Jain	Dr.G.Agarwal	Enabled Scm	Completed
17.	Peeyush Singhal	Dr.G.Agarwal	Risk Management	Completed
18.	Manoj Modi	Dr.G.Agarwal	Pmeddsgof Ti-6pr-4v	Doing
19.	Lokesh Vijayvargiya	Dr.G.Agarwal	Green Scmin Indian Industries	Doing
20.	Parvendra Tyagi	Dr.G.Agarwal	Brics	Doing
21.	Vikas Bansal	Dr.G.D.Agrawal	Eathe- A Cfd Based Study	Completed
22.	Alok Manas Dubey	Dr.G.D.Agrawal	Performance Analysis of Co2 Cascade Refrigeration System	Completed
23.	Shivraj Dhaka	Dr.G.D.Agrawal	Quantification of Thermal Aptionin Conditioned and Unconditioned Buildings of Composite Climate	Completed
24.	Rohit Mishra	Dr.G.D.Agrawal	Eathe- For Heating and Cooling in Hybrid Modes	Doing
25.	Hemant Gupta	Dr.G.D.Agrawal	Experimental Study of Flat Plate Solar Collector Using Nano-Fluids	Completed
26.	Anuj Mathur	Dr.G.D.Agrawal	Energy Efficiency in	Doing

			Buildings	
27.	Vikas Sharma	Dr.G.D.Agrawal	Cfd Analysis	Doing
28.	Devi Singh Kumari	Dr.Himanshu Chaudhary	Contrain Forces in Manipulators	Doing
29.	Kailash Choudhary	Dr.Himanshu Chaudhary	Optimization of Shaking Forces & Moments on Mechanisms	Doing
30.	Vikas Bansal	Dr. J. Mathur	Eathe- A Cfd Based Study	Completed
31.	B L Gupta	Dr. J. Mathur	Solar Absorption System	Completed
32.	Shivraj Dhaka	Dr. J. Mathur	Quantification of Thermal Aptionin Conditioedand Unconditioed Buildings of Cmposite Climate	Completed
33.	Rohit Mishra	Dr. J. Mathur	Eathe- For Heating and Cooling in Hybrid Modes	Doing
34.	Hemant Gupta	Dr. J. Mathur	Experimental Study of Flat Plate Solar Cllector Using Nano-Fluids	Completed
35.	Kunj Bihari Rana	Dr.A.K. Rajvanshi	Heat Transfer Characteristics of Nanofluidsin Subcooled Flow Boiling	Doing
36.	Om Shankar Prajapati	Dr.A.K. Rajvanshi	Effect Of Pressure on Subcooled Flow Boiling of Nanofluids	Doing
37.	Rajesh Chedwal	Dr.A.K. Rajvanshi	Energy Analysis and Ghg Mitigation Policy for Jaipur City	Doing
38.	A. D. Sharma	Dr. G. S. Dangayach Dr. S C Pathak	Advanced Manufacturing Technologies: A Multi Sector Study of Indian Manufacturing Companies	Completed
39.	R. P. Rajoria	Dr. G. S. Dangayach Dr. S. K. Gupta	Failure Analysis of Antifriction Bearings	Completed
40.	Anupam Krishna	Dr. G. S. Dangayach Dr.Rakesh Jain	Service Failure Management	Completed
41.	Jinesh Jain	Dr. G. S. Dangayach Dr. G. Agarwal	Supply Chain Management	Completed
42.	Ajeet Singh Poonia	Dr. A. Bhardwaj Dr. G. S. Dangayach	Technology Management	Completed
43.	Piyush Mishra	Dr. G. S. Dangayach Dr. M. L. Mittal	Project Management	Completed
44.	AlokMathur	Dr. G. S. Dangayach Dr. M. L. Mittal	Productivity Improvement	Completed
45.	M. L. Meena	Dr. G. S. Dangayach Dr. A. Bhardwaj	Ergonomics	Doing
46.	Charan Singh	Dr. G. S. Dangayach	Stress Management in Atc	Doing
47.	Anil Sharma	Dr. G. S. Dangayach Dr. A. Bhardwaj	Industry Clusterization	Doing
48.	Deepak Kumar	Dr. G. S. Dangayach	Optimization of Plastic	Doing

			Injection Moulding Parameters	
49.	Bhavna Mathur	Dr. G. S. Dangayach	Performance Measurement in Service Industry	Doing
50.	Sunil R. Adhau	Dr. M. L. Mittal	Development of Multiagent System for Distributed Multi-Project Scheduling	Completed
51.	Rajesh R. Matai	Dr. M. L. Mittal	Development of new heuristics for Facility Layout Problem	Completed

List of Candidates Awarded/Pursuing M. Tech. Degree

S. No.	Name of student	Supervisor	Title of thesis	Status
1.	Arvind Meena	Dr.A. Bharadwaj	-	Completed
2.	Anupma Kumari	Dr.A. Bharadwaj	-	Completed
3.	Tarika Jaisinghani	Dr.A. Bharadwaj	-	Completed
4.	Shirish Tripathi	Dr.A. Bharadwaj	-	Completed
7.	Om Prakash	Dr.A. Bharadwaj	Throughput Time Analysis	Completed
8.	Naveen Kr.Yadav	Dr.A. Bharadwaj	-	Completed
9.	Varun Dogra	Dr.A. Bharadwaj	-	Completed
10.	Gauri Singh	Dr.A.P.S Rathore	-	Completed
11.	Neeraj Saini	Dr.G. Agrawal	Analysis of Power Plant	Completed
12.	Deepanshu Arora	Dr.G .Agrawal	Genetic Algorithm	Completed
13.	Vishal Verma	Dr.G. Agrawal	Jit in Mrp	Completed
16.	Tikam Chand	Dr.G.D. Agrwal	Performance Analysis of Earth Air Tunnel Heat Exchanger	Completed
17.	Anuj Mathur	Dr.G .Agrawal	Thermal Performance Study And Optimization of Single Pass Fin Type Solar Air Heater	Completed
18.	Mevin Chandel	Dr.G. Agrawal	Exploring Opprunities for Energy Supply Through Solar Technologies	Completed
19.	Rishi Choudhary	Dr.Himanshu Chaudhary		Completed
20.	Ashish Goyal	Dr.Himanshu Chaudhary		Completed
21.	Yatendra Singh	Mr.M.L.Meena	Ergonomics Design and Evaluations of Textile Printing Hand Tool	Completed
22.	Narpat Ram Sangwa	Mr.M.L. Meena	Ergonomic Intervention in Blue Pottery Handicraft Operation	Completed
23.	Grieshma Saxena	Dr.A. K.Rajvanshi	Preparation And Stability of Nanofluids	Completed
24.	Divya Ratra	Dr.A. K .Rajvanshi	Thermal Conductivity of Nanofluids	Completed
25.	Naval Kishore Jain	Dr.A. K. Rajvanshi	Analysis of Boiler Efficiency –A Case Study of Suratgarh Super Thermal	Completed

			Power Station	
26.	Amit Kumar Bansal	Dr.A. K. Rajvanshi	Impact of Life Style on Energy Demand And its Related Emission	Completed
27.	Lalit Guglani	Dr. G. S. Dangayach	Productivity Improvement in Injection Moulded Energy Meter Base Using Moldflow&Tagucvhi Technique	Completed
28.	Vinay K Agarwal	Dr. G. S. Dangayach	Defect Reduction in Bearing Manufacturing Industry	Completed
29.	Ankit Jain	Dr. G. S. Dangayach	Demurrage Cost Reduction in A Cement Manufacturing Plant	Completed
30.	Ranjee t Roy	Dr. G. S. Dangayach	Measuring Productivity & Reducing Material Handling Cost in A Sheet Metal Industry	Completed
31.	Himanshu Bhatt	Dr. G. S. Dangayach	Improving Machine Layout & Production Schedule of An Automotive Company	Completed
32.	Priyanka Gupta	Dr. G. S. Dangayach	Optimization of Burning Loss in Reheating Furnace of Hot Rolling Mill Using Taguchi Technique	Completed
33.	Prateek Mittal	Dr. M. L. Mittal	Cycle Time Reduction in a Sheet Metal Parts Manufacturing Firm,	Completed
34.	Medha Sharma	Dr. M. L. Mittal	Application of Saving Heuristic for VRP in Transportation Company	Completed
35	Vijay Shankar Kumawat	Dr. M. L. Mittal	Quality Improvement in Rolling Industry Using Grey Taguchi DOE Methods DOE	Completed

DEPARTMENT OF METALLURGICAL AND MATERIALS ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic (Broad Area)	Status
1.	Aniruddha A. Gadhikar (FT)	Prof. Dr. Ashok Sharma Prof. Dr. C.P. Sharma Prof. Dr. D.B. Goel (Rtd. IIT Roorkee)	Charactrization study of steels for erodin resistant applications	Completed
2.	Phool Chand Meena (PT)	Prof. Dr. Ashok Sharma Prof. Dr. Surendra Singh (IIT Roorkee)	To study the effect of grain refinement on properties of cast Al	Submitted

			& Al-7Si alloys	
3.	Rajendra kr. Duchaniya (PT)	Dr. M.K. Totlani (Rtd Head Surface Engg. BARC)	Corrosion control by electrolysis Ni-P coating	In progress
4.	Satish Tailor (FT)	Prof. P.R. Soni Asso. Prof. V.K. Sharma Scientist E1 Dr. R.M. Mohanty	Development and characterization of plasma sprayed Al based nano-composite coatings	Submitted

List of Candidates Awarded M. Tech. Degree

S.No..	Name of student	Supervisor	Title of thesis	Status
1.	Amit Kr. Chauhan	Prof. Dr. Ashok Sharma	Effect of inoculations addition of microstructures of Al-7Si alloy cast through rapid slurry forming (RSF) technique	Completed
2.	Vipul Saxena	R K Duchaniya	Characterization study of electroless Ni-Co-P composite coating on aluminium substrate.	Completed
3.	Nancy Sahoo	R K Duchaniya	Synthesis and Characterization of ZnO-CdO nanocomposite	Completed
4.	Sameer Pradhan	Prof. Upender Pandel	Synthesis and Characterization of Pyrite (FeS ₂) Thin Film Deposited by CBD Method	Completed
5.	Kalrav Chauhan	Prof. C.P. Sharma	Structure property correlation in 21-4-N Nitric Steel	Completed
6.	Monika Bansal	Prof. A.K. Bhargava	Electro deposited copper glass composite	Completed
7.	Sachin Rathi	Prof. P.R. Soni	Development & Evaluation of Bearing Characterization of Mechanical Alloyed Graphite 2024 Al-Alloy	Completed
8.	Akanksha Sengar	Prof. P.R. Soni	Preparation & Characterization of Cu-Nano Powder	Completed
9.	Virender Singh	Dr. Y.V.S.S. Prasad	Production of rapidly solidified Al-Si-Cu-Mg alloys & their corrosion studies	Completed
10.	Kanchan Agarwal	Dr. Munan Mandira	An investigation of mild steel corrosion inhibition in HCl medium by environment friendly green inhibitors.	Completed
11.	Vatsala Chaturvedi	Dr. V.K. Sharma	Characterization of Plasma Nitrided AISI H13 Tool Steel.	Completed
12.	Vijay Tiwari	Dr. S.K. Gupta	Study of grain refinement & cold working on Al 4.5% Cu-alloy	Completed
13.	Rahul Sen	Dr. N.C. Upadhyay	Synthesis & Testing of Bio-Composites	Completed

DEPARTMENT OF CHEMISTRY

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Ms Anshu Jain	Dr. Ragini Gupta	Synthesis of Novel Bioactive Heterocycles via Eco-friendly Routes	Awarded in Dec. 2011
2.	Ms Ritu Saharan	Dr. Jyoti Joshi	Some Electrochemical and Biocatalytic methods of Organic synthesis.	Ongoing
3.	Mr. Abhishek Gupta	Dr. Mukesh Jain & Dr. B. S. Joshi	Inorganic complexes	Ongoing
4.	Ms Yogita Madan	Dr. Ragini Gupta	Catalysis and nanocatalysis for green organic transformations	Ongoing
5.	Ms Sukhbeer Kumari	Dr. Jyoti Joshi	Synthetic Green Chemistry	Ongoing
6.	Ms Shuchi Maheshwari	Dr. Jyoti Joshi	Synthetic Green Chemistry	Ongoing
7.	Ms Anshu Jain	Dr. Ragini Gupta	Synthesis of some new Heterocycle Based Anion Receptors	Ongoing
8.	Mr. Priyanshu Bhargava	Dr. Ragini Gupta	Click Chemistry and its Applications in Drug Discovery	Joined on Dec., 2011
9	Yogesh Duchaniya	Dr. Jyoti Joshi	Nano technology and Nano particles , Preparation and Application	Ongoing

DEPARTMENT OF HUMANITIES

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Niraja Saraswat	Dr. Nupur Tandon	Victorian Drama and an Analysis of Women In Shaw's Plays	Awarded
2	Apeksha	Dr. Nupur Tandon	Whiting: The Dramatist of Existential Absurdity	Ongoing
3	Asif Iqbal	Dr. Nupur Tandon	Problematic Speech Sounds of English for Hindi Speakers	Ongoing
4	Vandita Batra	Dr. Nupur Tandon	A Comparative Study of the Plays of Howards Brenton and David Hare	Ongoing
5	Sumedha Sharma	Dr. Vibhuti Singh Shekhawat	Evaluation of Management Procedures of Dairy Cooperative Societies of Jaipur District.	Awarded in 2010

6	Prashun Gupta	Dr.Vibhuti Singh Shekhawat	E-Governance: Social, Political, Economical and Managerial aspects of E- Governance.	Ongoing
7	Rinku Gupta	Dr.Vibhuti Singh Shekhawat	GuptaImplementation of Six Lean Six Sigma Techniques in Supply Chain Management.	Ongoing
8	Sweta Gupta	Dr.Vibhuti Singh Shekhawat	Emergency Preparedness by Different Government of India.	Ongoing
9	Alok Kumar Joshi	Dr.Vibhuti Singh Shekhawat	Urban poor: Environment and Infra. Management. A Sustainable approach.	Ongoing
10.	Ms. Oum Kumari R.	Dr.Dipti Sharma & Dr. Geetanjali Sharma	Analysis of Residential Electricity Consumption in Jaipur City for Demand Side Management	Pursuing
11	Ms. Deepika Joshi	Prof. APS Rathore & Dr. Dipti Sharma	Determinants of Competitiveness in Auto-Component Industry: A Study of Indian Auto-Component Manufactureres	Awarded
12	Ms. Sushila Singh	Dr.Dipti Sharma & Dr. A.K. Solanki	Analytical Study of Celebrity Endorser Influence on Rural Consumers' Attitude and Their Purchase Intentions in Jaipur District	Pursuing
13	Ms. Manisha Chaudhary	Dr.Dipti Sharma	An Analytical Study of Relationship Between Competency Mapping and Employees' Quality of Work Life	Pursuing
14	Ms. Shikha Singh	Dr. Dipti Sharma	'Effective utilization of electricity and resources in Power Sector: An Analysis of Open Access and Power Trading Process' (tentative title)	Pursuing course work
15	Ms. Samridhi Parashar	Dr. A. Bhardwaj & Dr. Dipti Sharma	Yet to be decided	Pursuing course work
16	Manju Nemad	Dr Preeti Bhatt	'The Dynamic Nature of the Self in Doris Lessing's Short Stories'	Pursuing
17	Kalpna Vijay	Dr Preeti Bhatt	'The Impact of Displacement on the Formation of New Values in the Novels of Diasporic Indian Women Writers'	Pursuing
18	Ritu Pareek	Dr Preeti Bhatt	'Questioning of Patriarchal Narration and of Female Subjugation in Angela Carter's Short Stories'	Pursuing
19	Kanupriya	Dr Preeti Bhatt	'Dramatic Technique in the Major Plays of Girish Karnad'	Pursuing

DEPARTMENT OF MATHEMATICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Ram Naresh Saraswat	Prof. K.C. Jain	Information Theory	Continuing
2.	Beena Bundela	Prof. Rashmi Jain	Special Function	Awarded
3.	Padma Kumawat	Prof. Rashmi Jain	Special Function	Continuing
4.	Alpana Gupta	Prof. Kantesh Gupta	Special Function	Thesis submitted
5.	Meena Kumari Gurjar	Prof. Kantesh Gupta	Special Function	Continuing
6.	Vishwas Joshi	Dr. Nilama Gupta	Operation Research	Thesis submitted
7.	Sonia	Dr. Nilama Gupta	Operation Research	Continuing
8.	Kavita Khandelwal	Dr. Vatsala Mathur	Fluid Dynamics	Continuing
9.	Sheikh Mohammed Faisal	Dr. Sanjay Bhattar	Special Function, Integral Transform, Integral Eequations and Fractional Calculus	Continuing
10.	Rakesh Kumar Bohra	Dr. Sanjay Bhattar	Special Function, Integral Transform, Integral Eequations and Fractional Calculus	Continuing
11.	Pradeep Kumar	Dr. Santosh Chaudhary	Fluid Dynamics	Continuing

DEPARTMENT OF PHYSICS

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1.	Rishi Vyas	Prof. S.K. Sharma / Dr. K. Sachdev	Study of gas sensing behavior of nanostructured ZnO thin films	In Progress
2.	Parul Gupta	Prof. S.K. Sharma	Synthesis and Characterization of some SnO ₂ based Gas Sensors	In Progress
3.	Indu Bala Vashishtha	Prof. S.K. Sharma	Solar cell studies	In Progress
4.	Neeraj Goyal	Prof. S.K. Sharma	Materials Science studies	In Progress
5.	Kanan Jassal	Dr. K Sachdev/ Dr.A.Chougule	Dosimetric aspects of a-Si based EPID & its application in advanced radiotherapy	In Progress
6.	Vikas Sharma	Dr. K.Sachdev	Investigation of nanocomposite Metal oxides	In Progress

7.	Abhishek Sharma	Prof. K C Swami	Study of effects of plasma nitriding process on some nitridable materials	In Progress
8.	Narendra Kumar Agrawal	Prof. K C Swami	Plasma treatment of polymer Nano-composites	In Progress

CENTRE FOR ENVIRONMENTAL ENGINEERING

List of Candidates Awarded/Pursuing Ph. D. Degree

S. No.	Name of student	Supervisor	Topic	Status
1	Pramod Kumar	Prof. I.K. Bhat Dr. Jyotirmay Mathur	Energy efficiency of HVAC systems	Ongoing
2.	Anuj Mathur	Dr. Sanjay Mathur Dr. G.D. Agarwal	Solar air heating system	Ongoing
3.	Vaiju Nago	Dr. Rajesh Kumar Dr. Rohit Bhakar	Smart grid system	Ongoing

11.8 Honours And Awards To Faculty Members

DEPARTMENT OF CHEMICAL ENGINEERING

DEPARTMENT OF CIVIL ENGINEERING

Prof. A.B. Gupta

- Was nominated as a member of the Programme Advisory Committee (PAC) on Water Technology Initiative of the DST, GOI for 3 years in April 2012.
- Continuing as a member of the Board constituted by the Government of Rajasthan on Environmental Health.
- Continuing as a member of the Rajasthan State Pollution Control Board, Government of Rajasthan.
- Chief Guest for the inaugural function of the one-Day Workshop on National Building Code of India & other relevant Indian Standards in Civil Engineering organized by Kautilya Institute of Technology & Engineering, Jaipur; Bureau of Indian Standards, New Delhi; and The Institution of Engineers (I), RSC, November 5, 2011; at KITE, Jaipur.
- Chaired a technical session in Symposium on urban water management, organized jointly by VIT and IWWA Jaipur chapter at VIT campus on February 25, 2012.
- Was the guest of honour at one day seminar on “Appropriate climate-responsive technologies for inclusive growth and sustainable development” organized by Institution of Engineers (India), Jaipur, on September 9, 2012 for the inaugural session.

- Was deputed to AIT Bangkok on MHRD sponsored faculty secondment from March 10- May 31, 2012 to teach at UEM, SERD.

DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

- Dr Vijay Janyani: Awarded the status of Senior Member IEEE
- Dr. Ghanshyam Singh: Elected as Hony. Secretary for IETE Rajasthan Centre for a period of two year (2012 – 2014).
- Dr. Ghanshyam Singh: Awarded with International travel grants from Department of Science and Technology (Govt. of India), New Delhi to attend and present a technical article on MMI optical switches during OPTO SPIE, Photonic West 2012, an International conference held at San Francisco, USA January 21st – 26th 2012.

ENTREPRENEURSHIP DEVELOPMENT CELL

Dr. Awadhesh Bhardwaj, Coordinator IIP Cell and ED Cell was nominated as member of expert committee of National Science and Technology Entrepreneurship Development Board, Department of Science and Technology, ST, Govt. of India

11.9 PUBLICATIONS AND RESEARCH PAPERS IN CONFERENCES ETC.

DEPARMENT OF CHEMICAL ENGINEERING

Research Papers Published in International Journals:

1. Agarwal, M., Chauhan, G., Chaurasia, S.P., Singh, K. Study of catalytic behavior of KOH as homogeneous and heterogeneous catalyst for biodiesel production. Journal of the Taiwan Institute of Chemical Engineers, In Press, DOI: 10.1016/j.jtice.2011.06.003.
2. Jana, S. K. and Bhaskarwar, A. N., Gas Absorption Accompanied by Chemical Reaction in a System of Three-Phase Slurry-foam Reactors in Series. Chemical Engineering Research and Design Journal, Vol. 89 (2011), pp. 793-810.
3. Jana, S. K. and Bhaskarwar, A. N., Measurement of Surface-transfer Coefficient Values for CO₂ Absorption in Lime Solutions in Presence of Surfactants. Canadian Journal of Chemical engineering, Vol. 9999 (2011), pp. 1-9.
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Research Papers Published in National Journals:

1. "Corrosion Behaviour of Melt-spun Ribbon $Ti_{60}Ni_{40}$ in 1 M H_2SO_4 Aqueous Medium" Shubhra Mathur, Rishi Vyas, Parul Gupta, Rohit Jain, K. Sachdev and S. K. Sharma, Proceedings of National Conference on Emerging Trends of Research in Materials Science ETRMS-2011, SKIT Jaipur (2011) ISBN No. 978-93-5067-609-7.
2. "Electrochemical behaviour of nanocrystalline states of the alloy $Ti_{60}Ni_{40}$ in 1 M HNO_3 aqueous medium" Shubhra Mathur, Rishi Vyas, Parul Gupta, K. Sachdev and S. K. Sharma, Proceedings of National Conference Emerging Interfaces of Physics and Technology, Vikram University, Ujjain (2011) 183-189.

List of Papers Presented at International Conferences:

1. "Anomalous gas sensing behaviour of sol-gel spin coated ZnO thin films for H_2 and CH_4 exposure" Rishi Vyas, Sarla Sharma, Parul Gupta, AK Prasad, S Rajagoplan, M Kamruddin, SK Dhara, AK Tyagi, K Sachdev, SK Sharma, International conference and workshop on nanostructured ceramics and other nanomaterials (ICWNCN-2012) organised by University of Delhi, Delhi (2012).

List of Papers Presented at National Conferences

1. "Electrochemical studies of the alloy $Ti_{60}Ni_{40}$ in 1 M NaCl aqueous medium" Shubhra Mathur, Rohit Jain, Praveen Kumar, K. Sachdev and S. K. Sharma, National Conference on Current trends in Materials Research (CTMR-12) organized by Department of Physics, University of Rajasthan Jaipur during March 17-19, 2012.
2. "Origin of high intensity $A_1(LO)$ Raman vibration mode in sol-gel spin coated ZnO thin films" Rishi Vyas, Parul Gupta, K Sachdev, SK Sharma, National Conference on Current trends in Materials Research (CTMR-2012), organised by University of Rajasthan, Jaipur during March 17-19, 2012.

CENTRE FOR ENVIRONMENTAL ENGINEERING

Research Papers Published in International Journals:

1. Garg V., Chandrasen K., Tetali S., Mathur J. (2011); Development and performance evaluation of a methodology, based on distributed computing, for speeding EnergyPlus simulation, Journal of Building Performance Simulation, 4:3, 257-270.
2. Bansal V., Mishra R., Agarwal G.D., Mathur J. (2012), Performance Analysis of Integrated Earth Air Tunnel-Evaporative Cooling System in Hot and Dry Climate, I.J. Energy and Buildings, Vol. 47. pp. 525-532.
3. Mishra R., Bansal V., Agarwal G.D., Mathur J., Aseri T. (2012); Thermal Performance Investigation of Hybrid Earth Air Tunnel Heat Exchanger, I.J. Energy and Buildings, Vol 49. pp. 531-535.

- Bansal V., Mishra R., Agarwal G.D., Mathur J., Economic analysis of integrated EATHE-evaporative cooling system, , accepted for publication in to I.J. Energy and Buildings (April 2012).

List of Papers Presented at International Conferences:

- Jain A., Kumar P., Garg V., Mathur J., Knowledge Exchange Portal for ECBC, Conference on Accelerating Energy Efficiency in Building Sector, MoUD, BEE, NRDS-USA, March 2012, New Delhi.
- Mathur J., Kachawa S., Biswas P., Analysis of net Zero Energy Buildings in India: Maximizing PV system performance, ACRECONF-2012, January 2012, New Delhi
- Jain V., Garg V., Mathur J., Dhaka S., Effect of operative temperature based thermostat control as compared to air temperature based control on energy consumption in highly glazed buildings, IBPSA-2012, November 2011, Sydney, Australia.
- Jain V., Garg V., Mathur J., Dhaka S., Effect of envelope properties and thermal adaptation on energy consumption and comfort conditions through simulation of various ECMs, IBPSA-2012, November 2011, Sydney, Australia.
- Mathur J, Agarwal G.D. Bansal V., Garg V.; Performance analysis of Earth air tunnel with evaporative cooler; International Conference on ventilation of Buildings Ventconf-2011, org. by ISHRAE, Nov. 2011, New Delhi

11.10 COURSES AND ADMISSIONS

(a) Undergraduate Programmes (Bachelor of Technology)

Academic Programmes leading to B. Tech./B. Architecture Degree as noted below

S. No.	Discipline/Duration	No. of Seats
1.	Architecture (5 years)	62
2.	Civil Engg. (4 years)	92
3.	Chemical Engg. (4 years)	92
4.	Computer Engg. (4 years)	93
5.	Electrical Engg. (4 years)	93
6.	Electronics & Communication Engg. (4 years)	93
7.	Information Technology (4 years)	92
8.	Mechanical Engg. (4 years)	93
9.	Metallurgical Engg. (4 years)	92
	Total	802

(b) Postgraduate Programmes (Master of Technology)

Academic Programmes leading to M. Tech./M.B.A./M.Sc. Degree as noted below

S. No.	Title of Course	Department Offering the Programmes
1.	M.Tech. in Water Resource Engineering	Civil Engg.
2.	M. Tech. in Environmental Engineering	Civil Engg.
3.	M. Tech. in Power Systems	Electrical Engg.
4.	M. Tech. in Metallurgical & Materials	Metallurgical & Materials Engg.

	Engineering	
5.	M. Tech. in Electronics and Comm. Engineering	Electronics & Comm. Engg.
6.	M.Tech. in Transportation Engineering	Civil Engg.
7.	M.Tech. in Manufacturing System Engineering	Mechanical Engg.
8.	M.Tech. in Structural Engineering	Structural Engg.
9.	M.Tech. in Chemical Engineering	Chemical Engg.
10.	M. Tech. in Energy Engineering	Mechanical Engg.
11.	M. Tech. in VLSI Design	Electronics & Comm. Engg.
12.	M. Tech. in Computer Engineering	Computer Engg.
13.	M. Tech. in Disaster Assessment and Mitigation	Civil Engg.
14.	M.Tech. in Renewable Energy	Centre for Env. & Energy
15.	M. Planning in Urban Planning	Architecture
16.	M. Sc. in Physics	Physics Dept.
17.	M. Sc. in Chemistry	Chemistry Dept.
18.	M. Sc. in Mathematics	Mathematics Dept.
19.	Master of Business Administration (MBA)	Management Studies Dept.
20.	Technology Management	Management Studies Dept.

Course-Wise Enrolment of undergraduate B.Tech./B. Arch. Programme through AIEEE, DASA, ICCR and MEA during the session 2011-12

Branch/Duration	I Year	II year	III Year	Final Year	Final Year Arch.
Architecture (5 years)	65	62	48	44	38
Civil Engg. (4 years)	103	92	93	90	-
Chemical Engg. (4 years)	97	92	78	65	-
Computer Engg. (4 years)	99	92	79	74	-
Electrical Engg. (4 years)	94	90	81	68	-
Electronics & Communication Engg. (4 years)	98	92	92	79	-
Information Technology (4 years)	81	90	80	72	-
Mechanical Engg. (4 years)	112	91	78	71	-
Metallurgical Engg. (4 years)	87	75	72	48	-
TOTAL	836	776	701	611	38

COURSE WISE ADMISSION STATISTICS-UG/PG PROGRAMMES

(a) Students admitted to Undergraduate B. Tech./B.Arch. programmes through AIEEE during the session 2011-12

S. No.	Programme	Nos. of seats allotted to students belonging to					
		SC	ST	OBC	PWD	GC	Total
1.	Architecture	9	4	17	1	30	61
2.	Chemical Engg.	13	7	25	2	45	92

3.	Civil Engg.	14	6	24	3	45	92
4.	Computer Engg.	14	7	24	3	45	93
5.	Electronics & Communication Engg.	14	7	24	2	46	93
6.	Electrical Engg.	13	7	25	3	45	93
7.	Information Technology	14	7	24	3	44	92
8.	Mechanical Engg.	13	7	25	3	45	93
9.	Metallurgical Engg.	13	7	25	3	44	92
		117	59	213	24	389	801

(b) Students admitted to Postgraduate Programmes during the session 2011-12

Full Time M.Tech./M.Plan./M.Sc./M.B.A. programmes

S. No.	Name of Course	Nos. of seats allotted to students belonging to							Total
		SC	ST	OBC	PWD	GC	SP	PT	
1.	Chemical Engineering	3	0	5	0	9	0	0	17
2.	Environmental Engg.	3	0	5	1	10	0	4	23
3.	Water Resources Engg.	2	1	0	0	1	0	0	4
4.	Structural Engg.	3	2	5	0	8	0	3	21
5.	Power Systems	3	2	5	1	10	0	2	23
6.	Transportation Engg.	3	2	1	0	3	0	2	11
7.	Manufacturing Sys. Engg.	3	2	5	0	10	0	4	24
8.	Metallurgical & Materials Engg.	3	1	5	0	10	1	0	20
9.	Electronics & Comm. Engg.	3	1	5	1	9	5	6	30
10.	VLSI Design	3	2	5	1	10	5	5	31
11.	Energy Engineering	3	2	5	0	10	0	0	20
12.	Disaster Management & Mitigation	2	1	1	0	5	0	0	9
13.	Computer Engineering	3	2	5	0	10	0	3	23
14.	Urban Planning	1	0	1	0	7	2	2	13
15.	M. Sc. Physics	0	1	2	0	2	0	0	5
16.	M. Sc. Chemistry	5	3	10	0	11	0	0	29
17.	M. Sc. Mathematics	0	0	0	0	0	0	0	0
18.	M.B.A.	3	2	2	0	23	0	0	30
		46	24	67	4	148	13	31	333

Ph.D. Programmes

S. No.	Department	Students admitted	
		Full Time	Part Time
1.	Electronics & Comm. Engg.	-	1
2.	Electrical Engg.	4	-
3.	Civil Engg.	-	4
4.	Chemical Engg.	2	2
5.	Computer Engg.	5	1
6.	Structural Engg.	1	2
7.	Mechanical Engg.	2	6
8.	Metallurgical & Materials Engg.	-	-
9.	Physics	3	1
10.	Chemistry	2	-
11.	Mathematics	-	-
12.	Humanities & Social Sciences	-	1
13.	Management Studies	1	-
Grand Total		21	18

11.11 SCHOLARSHIP AND AWARDS

Scholarship/Assistantship to PG Students

For M.Tech. Students

S. No.	Name of Scholarship	Address	Amount	Conditions
1.	Govt. 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 India Council of Technical Education Sports Complex IP Estate New Delhi 110002	Rs. 4000/- PM + Contingency Rs. 5000/- PA	For M.Tech.
3.	Sponsored by Ministry of Urban Development & Poverty Alleviation, New Delhi	Ministry of Urban Development New Delhi	Rs. 2000/- PM stipend + Tuition Fees + Exam Fees + Contingency Rs. 5000/- PA	For PG students in Environmental Engineering

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	Institute	Rs. 18000/- for first two years and Rs. 20000/- for next two years	For Ph.D.
3.	Scholarship to	Advisor all India	Rs. 9000/- PM +	For Ph.D.

	sponsored candidates QIP (Poly) Scheme Scholarship from AICTE New Delhi	Council of Technical Education Sports Complex IP Estate New Delhi 110002	Contingency Rs. 10000/- PA	
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Undergraduate Students

	Name of Scholarship	Address	Amount	Conditions
1	Bokaro Steel Plant Scholarship for SC/ST (SAIL)	Steel Authority of India Ltd., Ispat Bhavan Lodi Road, New Delhi	Rs. 3000/-P.A	Children of the company
2	O.N.G.C. Dehradun for SC/ST	General Manager ONGC, Tel Bhavan Dehradun 248003	Rs. 12000/-	Merit ONGC finalizes the merit
3	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.
4	Central Sector Scholarship Scheme of Top Class Education for Schedule Caste (SC) students and Schedule Tribe (ST) Students	(1) Ministry of social justice and Empowerment, govt. of India New Delhi (2) 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 12 Schedule Caste (SC) students and 5 Schedule Tribe (ST) Students.
5	S.J.Jindal Trust	C-2, Green Park Extn. New Delhi-110016	Rs. 1200/ P.M.	Trust finalizes Merit
6	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
7	Raj & Sarla Bhargava Scholarship	Canada	Gold Medal	Best Student of the Institute
8	The Rajiv Gandhi Scholarship Scheme for Students With Disabilities	The National Centre for Promotion of Employment of disabled people (NCPEDP) A-77, South Extension Part-II, New Delhi	Rs. 1200/-P.M.	Merit cum means
9	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
10	O P Jindal Engineering &	Jindal center, 12 Bhikaji Cama Place, New Delhi-110066	Rs. 65000/- P. A.	2 Toppers from each Batch (Civil, Elect.,

	Management Scholars			Mech., Metallurgy Engineering)
11	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
12	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
13	National Talent Search Scholarship (NCERT)	National council of education research and training, Sri Aurobindo marg,New Delhi	Rs.-6000/-P.A	National Talent Student
14	Indian Oil Scholarship (IOC)	ACE CONSULTANTS B-13, DSIDC Complex,Patparganj Industrial Area, Delhi-110092	Rs.-1500/-P.M	All Category

**Various State level Scholarships for Merit Students / SC/ ST/ OBC/SBC/PH (UG Students)
For the Year 2011-12**

S. No.	Respective State	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
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, Kolkatta
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.	Govt. of Rajasthan	Post Metric Scholarship Dy. Director Social Welfare Dept. SC/ST/OBC/SBC
25.	Govt. of Rajasthan	Physical Handicapped scholarship Social Welfare Dept.
26.	Meghalaya	State Merit Scholarship /North Eastern Council plan Shillong
27.	Chattisgarth	Technical Education Scholarship Raipur
28.	DRDT Jaipur	DRDT Jaipur Govt. of Rajasthan
29.	Rajasthan	Board of Secondary Education, Rajasthan Ajmer.
30.	NCT Of New Delhi	Merit Scholarship , Dept. For the Welfare of SC/ST/OBC/MIN.

11.12 Training and Placement Statistics

Training

Practical Training is an important part of any technical curriculum.

Summer Internship offers Students an Opportunity to work in a professional space, to acquaint themselves with the real world application of technologies they learn on the campus and to enhance their technical skills.

This exposure will help them to deliver their best when they join the industry as working professionals.

Main aim is to prepare young students to face challenges of industry when they step into the professional world. The Placement and Training Cell facilitates the practical training of students in Companies/Industries/Organizations of National and International repute. Some of the students also get Research Internship offers from Germany, Canada, UK, Singapore, South Korea, Finland etc. Number of students receiving international internship is increasing. Students also go for research projects as summer interns in IIT's, IISc, IIM's and CEERI Pilani.

In the Academic Session 2011-12, a few third year students are selected as interns in some reputed firms.

1. Microsoft India (MSIT) chose a student from Computer Engineering Branch with stipend of Rs. 25,000 per month.
2. Microsoft India (MSIDC) chose 4 students from Computer Engineering Branch with stipend of Rs. 25,000 per month.
3. Qualcomm chose 3 students from Computer Engineering & Electronics & Communication Engineering Branch with stipend of Rs. 20,000 per month.
4. ERICSSON GLOBAL selected 4 students (2 from Electronics & Communication Engineering and 2 from Computer Engineering) with a stipend of Rs. 8000 per month.
5. 8 MNIT students have also been awarded “Working Internship in Science and Engineering (WISE) Scholarship” for summer internship during May-June-2012 by German Academic Exchange Programme (DAAD).

In the Academic Session 2010-11, few third year students were selected as interns in some reputed firms.

1. Microsoft India (MSIDC) chose a student from Computer Engineering Branch.
2. Atkins Global chose two students one from Civil Engineering and one from Electrical Engineering Branch with stipend of Rs. 10,000 per month
3. Bajaj Auto chose two students from Mechanical Engineering.
4. Mahindra & Mahindra chose two students from Mechanical Engineering Branch with stipend of Rs. 15,000 per month.

The Placement & Training Cell also organizes Expert Lectures to enlighten students With technologies prevailing in the industry and to motivate them to face the challenges of the industry .

The Placements for the academic year 2011-12 has been excellent. We are proud to say that a total of **656** (556 B.Tech, 86 M.Tech, 6 B.Arch. and 8 MBA) offers have been made to the students by **109** elite groups of companies.

Salient Features of Placement 2011-12

- Highest Pay Package – Rs. 16 LPA by Microsoft IDC to 4 students of Computer Engineering
- Highest Average Pay Package of a branch – Rs. 6.75 LPA (Computer Engineering)
- Numbers of Companies Visited – 109
- Percentage placement of eligible B.Tech. Students have already crossed 100% mark.
- Number of placements by December this year is almost double of last year.
- M.Tech. placements have improved in comparison to last years.

- Average salary package (B.Tech) has seen a hike this year (5.26 l.p.a) in comparison to last year's package (4.40 l.p.a).
- Few students also got Pre Placement Offers (PPO). The details are as follows:
 1. Drishti-Software Solutions offered 2 students with package of Rs. 8 LPA.
 2. Microsoft India (MSIDC) offered 1 student with package of Rs. 16LPA.

Major Companies Visited:

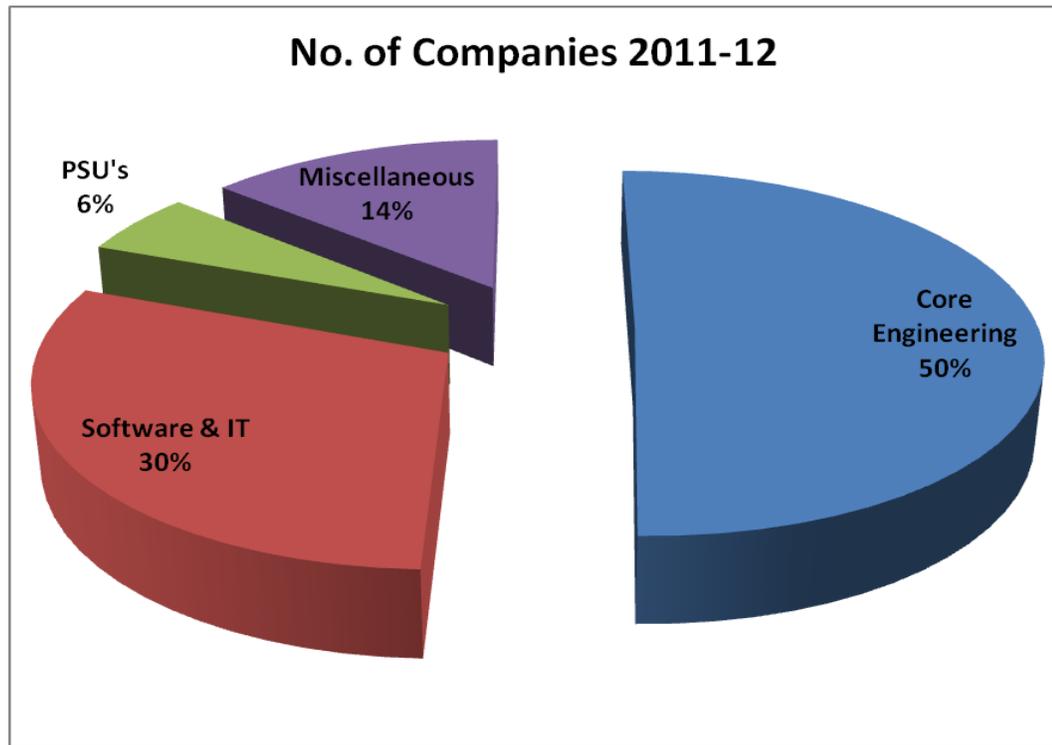
- Some of the prominent core engineering companies that visited our campus this year are **Microsoft India, Qualcomm, ARM, SAP Labs, Atkins Global, NetApp, Winshuttle, Deloitte, Samsung India, Tata Motors, Hero MotoCorp, Oracle, Applied Materials, Cairn India, Reliance Industries Ltd., Lafarge Cements, Sony and Verizon, Parker Hennifin, ATOS Origin and many other esteemed organisations .**
- While **ZS Associates, Futures First, Mu- Sigma, Headstrong** were among the few consultant companies which recruited candidates irrespective of their branch.
- Under the public sector undertaking organisations visiting our institute are **Indian Oil Corporation Ltd. (IOCL), Bharat Petroleum Corporation Ltd. (BPCL), Hindustan Petroleum Corporation Ltd. (HPCL), C-Dot and Rajasthan Electronics & Instruments Limited (REIL) Jaipur , Engineers India Limited (EIL) .**

GLIMPSE OF OFFERS MADE BY SOME ESTEEMED COMPANIES:

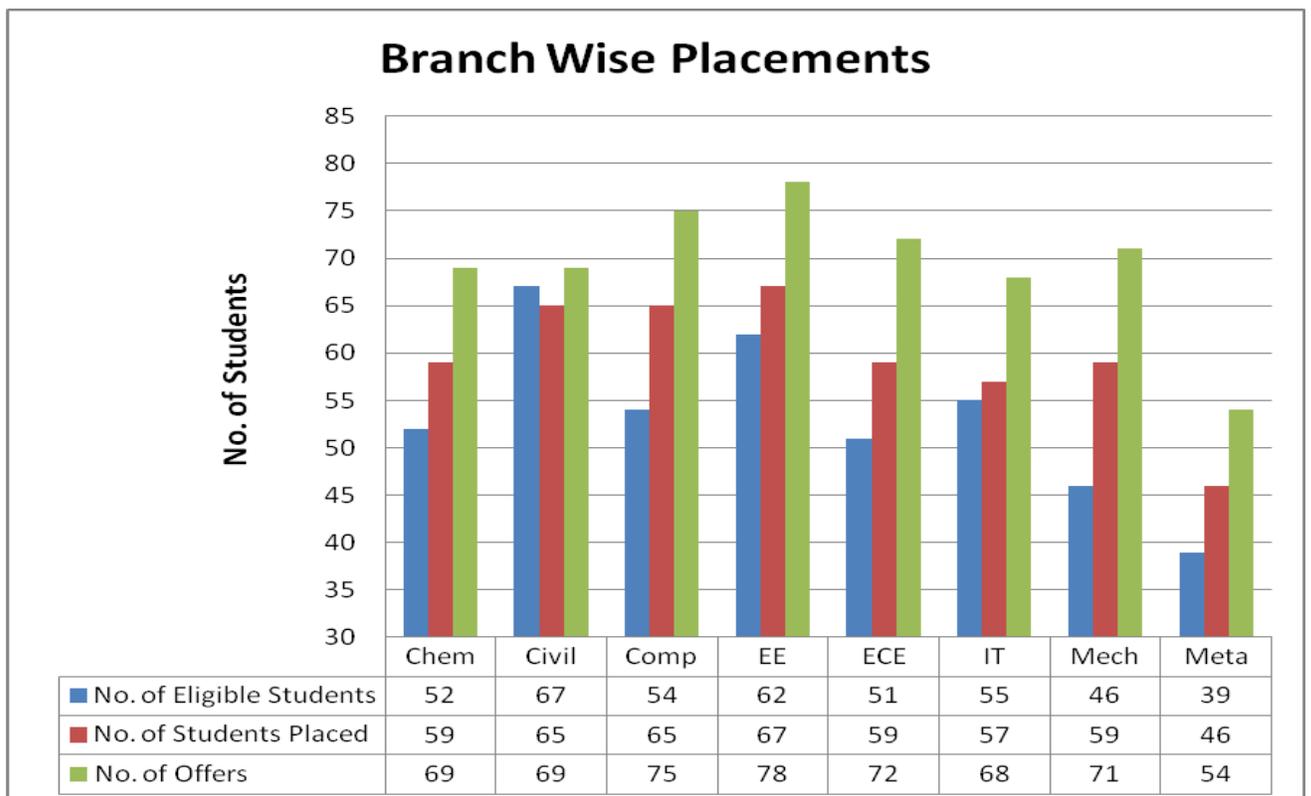
- Microsoft IDC selected 4 students with 16.0 lacs per annum offer
- BPCL selected 10 students with 9.80 lacs per annum offer
- Microsoft IT selected 3 students with 10.15 lacs per annum offer
- FreeScale selected 2 students with 5.5 lacs per annum offer
- Futures First selected 3 students with 7.6 lacs per annum offer
- Hero Motor Corp. selected 4 students with 5.86 lacs per annum offer
- Samsung Engineering Lab (SEL) selected 7 students with 6.3 lacs per annum offer
- ARM Embedded selected 2 students with 8.20 lacs per annum offer
- Cairn India selected 3 students with 6.90 lacs per annum offer
- Oracle selected 1 student with 6.6 lacs per annum offer
- Samsung India selected 4 student with 4.48 lacs per annum offer
- Mu-Sigma selected 10 students with 6.0 lacs per annum offer
- Indus Valley Partner selected 1 student with 5.75 lacs per annum offer
- Cummins selected 8 students with 4.9 lacs per annum offer
- Embedded Infotech selected 8 students with 6.0 lacs per annum offer
- IOCL selected 7 students with 9.3 lacs per annum offer
- ZS Associates selected 9 students with 7.37 lacs per annum offer
- Tata motors selected 12 students with 6.53 lacs per annum offer

- C-DOT selected 7 students with 7.8 lacs per annum offer
- Samsung India Software Center (SISC) selected 12 students with 5.3 lacs per annum offer
- Bajaj Auto selected 3 students with 6.76 lacs per annum offer
- Deloitte selected 23 students with 6.27 lacs per annum offer
- Winshuttle selected 2 students with 7 lacs per annum offer
- Drishti-Soft selected 2 students for the post of Research Engineer with 8 lacs per annum (Pre Placement Offer)
- Atkins Global selected 6 students with 5.2 lacs per annum offer
- NetApp selected 3 students with 6.88 lacs per annum offer
 - Applied Material selected 1 student at package of 8.42 l.p.a and 2 mechanical Students with 8.42 lakh per annum offer
 - Lanco hired 4 students at pckage of 6.7 l.p.a
 - SAP Labs selected 4 students with an offer of 6.5 l.p.a
 - HPCL selected 5 students at package of 8.5 l.p.a
 - Neyville Ignite Co-orporation selected 7 students at package of 9 l.p.a
 - Coal India Limited selected 2 students at package of 7 l.p.a
 - HPCL Mittal Energy Ltd. selected 2 students with 6.4 lacs per annum offer
 - Engineers India Ltd. selected 3 students with 11 lacs per annum offer
 - Samsung Engineering Labs selected 2 students with 5.78 lacs per annum offer
 - Ittiam Systems selected 1 student with 6.75 lacs per annum offer
 - Mediatek Selected 2 students at 6.50 l.p.a
 - MAQ softwares selected 2 students with 7.0 lacs per annum offer

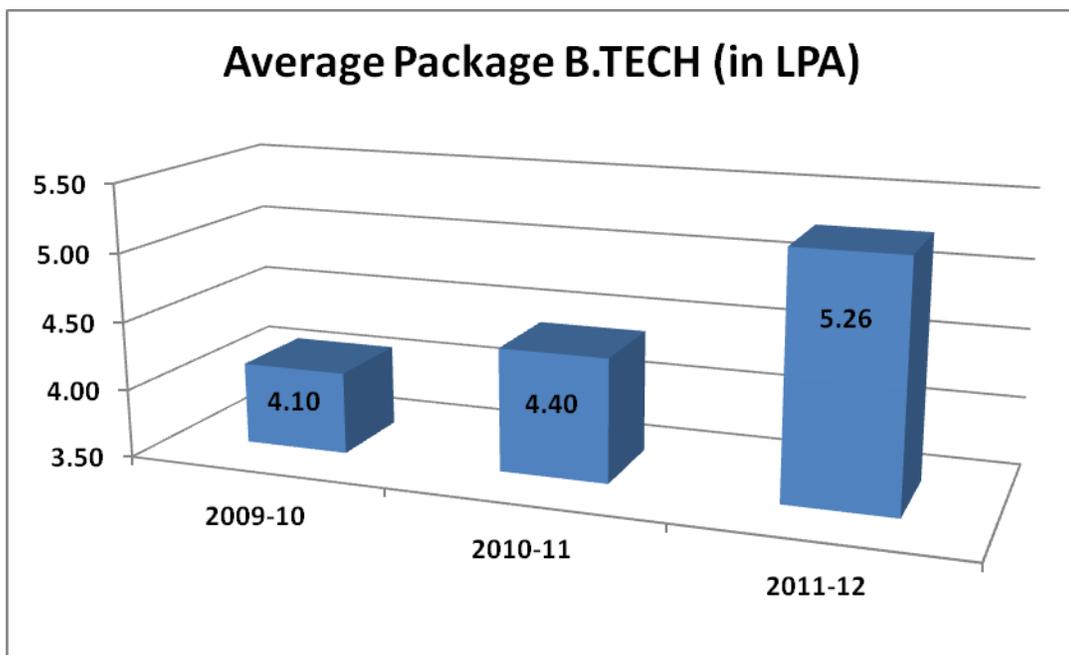
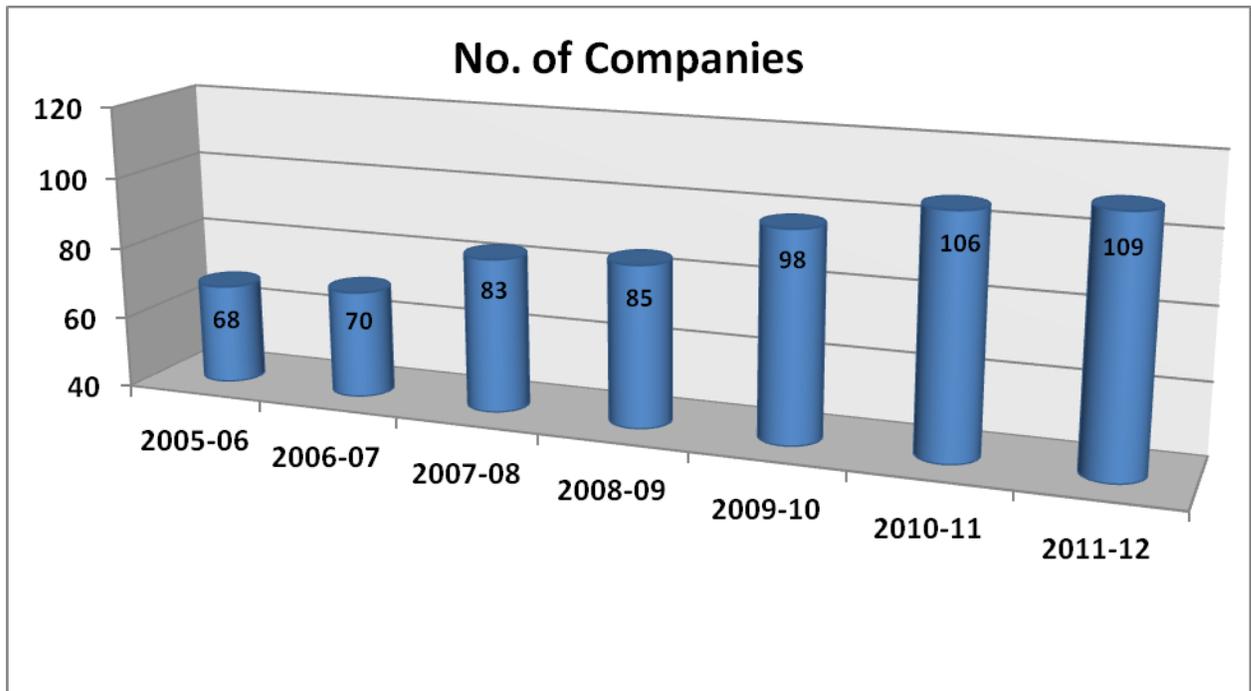
Academic Session 2011-12

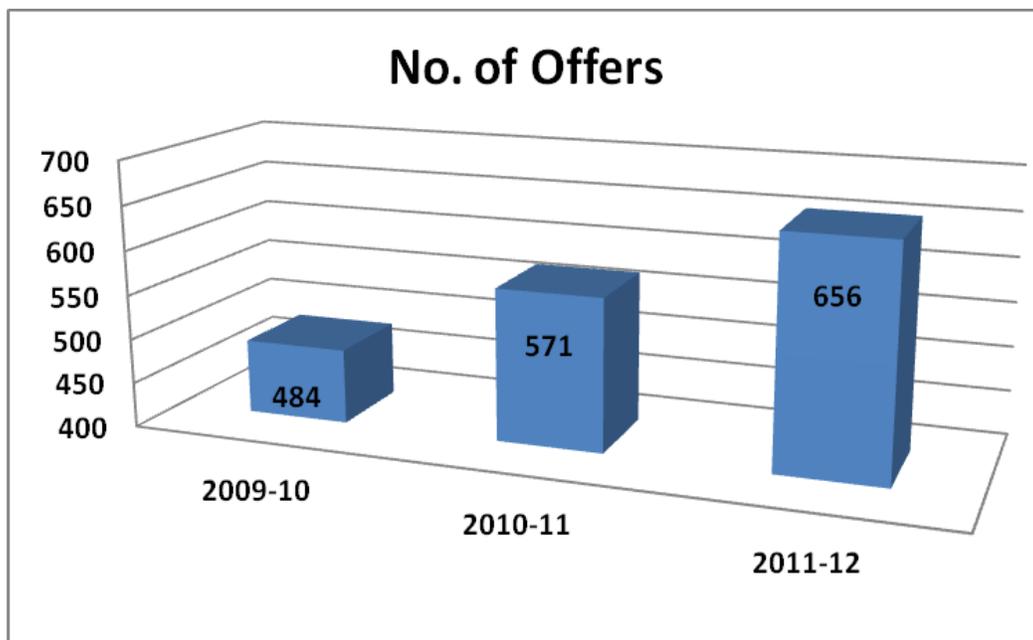
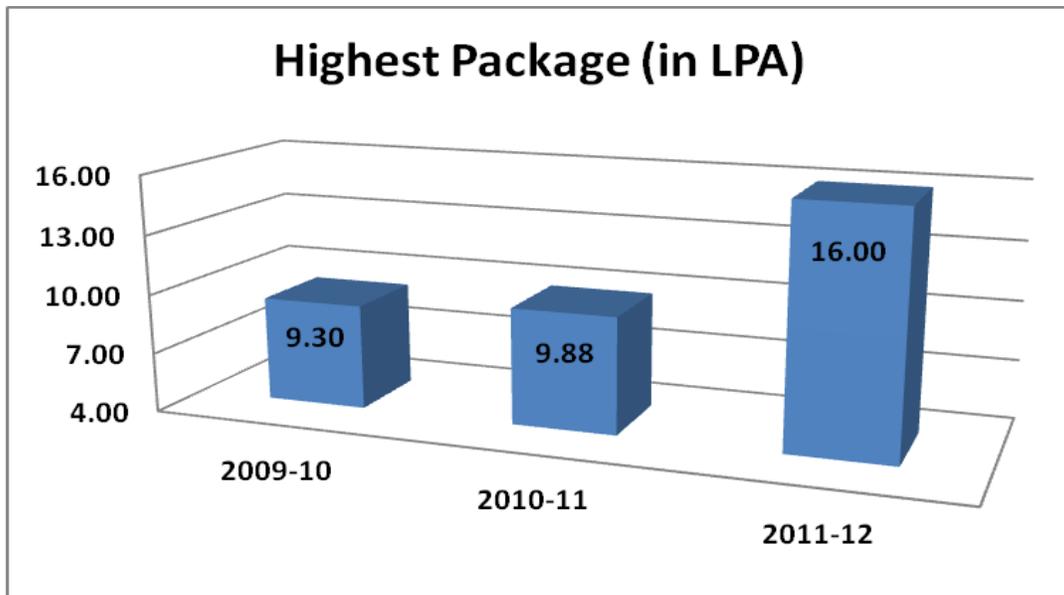


Total no. of Companies = 109

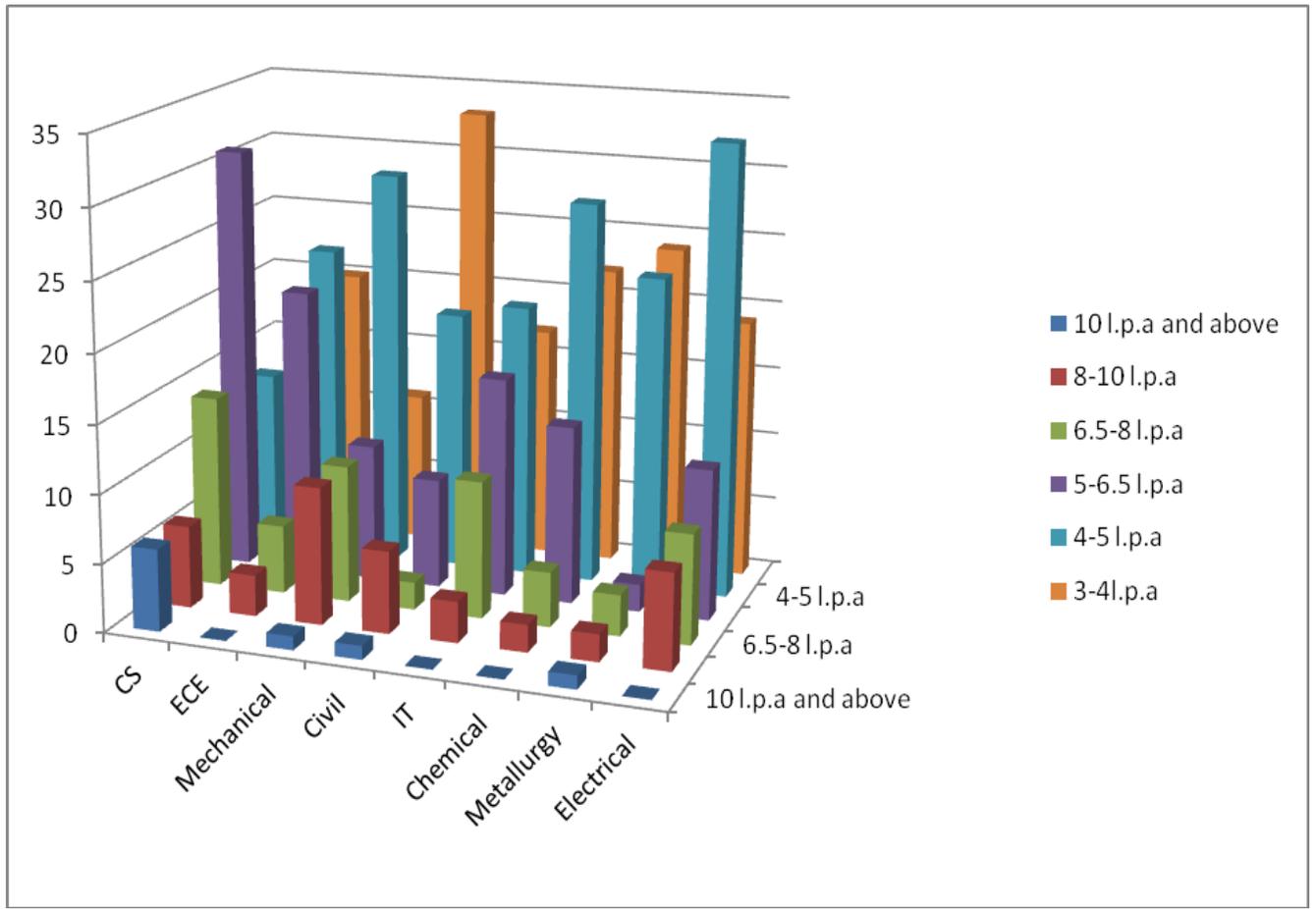


Comparison with Previous Years





PACKAGE DISTRIBUTION



भारतीय लेखा तथा लेखा परीक्षा विभाग
कार्यालय प्रधान निदेशक लेखापरीक्षा (केन्द्रीय)
लेखापरीक्षा भवन, नवरंगपुरा, अहमदाबाद-380 009

INDIAN AUDIT & ACCOUNTS DEPARTMENT
Office of the Principal Director of Audit (Central)
Audit Bhavan, Navrangpura, Ahmedabad – 380 009

No. CA(E)/SAR/MNIT/Jaipur/2011-12/328

Date : 31.01.2013

To,

**The secretary, Government of India,
Ministry of Human Resources Development,
Department of Secondary & Higher Education,
New Delhi – 110 001**

**Sub:- Separate Audit Report on the accounts of Malaviya National Institute of
Technology, Jaipur for the year 2011-12.**

Sir,

Please find enclosed the Separate Audit Report on the accounts of Malaviya National Institute of Technology, Jaipur for the year 2011-12 along with a copy of Annual Accounts.

2. The Audited accounts and Separate Audit Report are 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

No. CA(E)/SAR/MNIT/Jaipur/2011-12/329
Date : 31.01.2013

Copy to :

**Prof. Shri I.K. Bhatt,
Director,
Malaviya National Institute of Technology,
JLN Marg, Jaipur - 302017**

with the request 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.:

1. A copy of Separate Audit Report
2. Audited Accounts

Deputy Director

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 2012

1. We have audited the attached Balance Sheet of the Malaviya National Institute of Technology (MNIT), Jaipur as at 31 March 2012, the Income and Expenditure Account and the Receipts and Payment Accounts for the year ended on that date under Section 19(2) of the Comptroller & Auditor General's (Duties, Powers & Conditions of Service) Act 1971. 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 observations 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 informations 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 Accounts and Receipt & Payment Account dealt with by this report have been drawn up in the format approved by Ministry of Finance.
 - 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 Liability

A.1.1 Unsecured Loans & Borrowings - ₹ 0.75 Crore

Non-interest bearing loan of ₹ 68.58 lakh for hostel building and interest bearing loan of ₹26.77 lakh for staff quarters were received from GOI during the year 1965-66 to 1983-84. The institute repaid ₹ 20.05 lakh to GOI and balance amount of ₹ 75.30 lakh. (₹ 60.50 lakh hostel building and ₹ 14.80 lakh for staff quarters) is lying under schedule-5 'Unsecured Loans & Borrowings' in the Balance Sheet since long. Action to repay the balance amount has not been taken.

A.2 Assets

A.2.1 Fixed Assets - ₹ 109.11 Crore. (Schedule – 8)

(i) Land ₹ 4.29 crore

The facts of non availability of details in respect of compensation of ₹ 4.29 crore paid to Government of Rajasthan, holding of 105.89 hectare land as against 186.96 hectare and holding of land (free of cost) have not been disclosed in the Accounts despite commended in previous SARs for the period from 2007-08 to 2010-11.

(ii) Building ₹ 7.62 crore

This is understated by ₹ 44.63 lakh being value of seven works completed and being utilized by MNIT but not shown as fixed assets in the Balance Sheet. This has also resulted in understatement of "other liabilities and provisions" (being net of minus and plus balances of advances to Rajasthan State Bridge Construction Corporation) by ₹ 30.97 lakh and overstatement of "Current Assets, loan and advances" (Being advances given to Awas Vikas Sansthan) by ₹ 13.66 lakh. The depreciation was also not provided on these seven works.

(iii) Fixed assets

The institute charged depreciation at the rate of 10 percent on solar water heating system. According to Income Tax Act 1961, appendix – I, section 32, plant & machinery, depreciation on solar water heating system is to be charged at the rate of 80 percent. Thus the institute under charged depreciation ₹ 37.21 lakh. This has resulted in overstatement of fixed assets to the extent of ₹ 37.21 lakh and understatement of deficit to the same extent.

(iv) This includes annual maintenance charges of solar water heating system for next five year ₹ 5.34 lakh and wi-fi access point & installer for CWN for next three years ₹ 2.14 lakh and supply of Active components (Switches & modules) for CWN Extension ₹ 13.53 lakh total a sum of ₹ 21.01 lakh, which is revenue expenditure. The incorrect accounting resulted in

overstatement of fixed assets by ₹ 18.55 lakh, overstatement of deficit ₹ 2.46 lakh (depreciation) and understatement of current assets (prepaid expenses) ₹ 21.01 lakh.

(v) This includes computer and peripherals purchased during the current year for ₹ 1.64 crore and booked under the head Plant and Machinery instead of computer and peripherals. Due to which depreciation has been under charged by ₹ 0.51 crore. This has resulted in overstatement of fixed assets to the extent of ₹ 0.51 crore as well as under statement of deficit to the same extent.

B. Income & Expenditure Accounts

B.1 Administrative Expenses ₹ 21.72 crore

(i) This includes internet lease line charges ₹ 10.02 lakh paid to BSNL for the period from 02.04.2012 to 01.07.2012.

This has resulted in overstatement of deficit upto the extent of ₹ 10.02 lakh and understatement of current assets) prepaid expenses) to the same extent.

(ii) This includes furniture of ₹ 14.96 lakh procured for NIT Transit House, New Delhi which was recoverable fro NIT Transit house. This has resulted in overstatement of deficit to the extent of ₹ 14.96 lakh and understatement of current assets loans & advances by some amount.

C. Grant in aid

During the year 2011-12 the MNIT received grant-in-aid ₹ 68.47 crore (Plan ₹ 40.36 crore and Non-Plan ₹ 28.11 crore (₹ 12.00 crore received in March)) from Government of India. Balance of unspent grant of ₹ 7.03 crore (Plant ₹ 3.81 crore and Non-Plan ₹ 3.22 crore) was available in the beginning of the year. It earned income ₹ 15.71 crore (Plan ₹ 0.32 crore and Non-Plan ₹ 15.39 crore) during the year. The institute could utilized a sum of ₹ 70.43 crore (Plant ₹ 28.77 crore and Non-Plan ₹ 41.65 crores)leaving a balance of ₹ 20.78 crore (Plan ₹ 15.71 crore and Non-Plan ₹ 5.07 crore) as on 31st March 2012. Grant released by other agencies was lying unutilized amounting to ₹ 0.36 crore.

D. Effect of Audit comments on accounts.

The net impact of comments given in preceding paras is that as on 31 March 2012 the Assets were overstated by ₹ 29.38 lakh, liabilities understated by ₹ 30.97 lakh and deficit understated by ₹ 60.77 lakh.

E. Management letter

Deficiency, which has not been included I the Separate Audit Report, has been brought to the notice of the Management through a management letter issued separately for remedial/corrective action.

- v. Subject to our observations in the preceding paragraphs, we report that the Balance Sheet, Income & Expenditure Account and Receipts & Payments Accounts 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-I 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 2012, 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 :

Date :

Principal Director of Audit (Central)

Annexure – 1

1. Internal Audit System

- (i) No internal audit system exists in the institute.

2. Internal Control System

Review of internal control system in MNIT revealed the following deficiencies –

- (i) Accounts records were up to date except for initial and subsidiary records of assets acquired by the Institute. Subsidiary records of library books, plant and machineries were not reconciled.
- (ii) No accounting manual has been prepared and accounts heads were not coded.

3. Physical verification of Fixed Assets

Physical verification of assets was not conducted from 2007-08.

4. Regularity in payment of statutory due

Statutory dues were being deposited by the institute on regular basis. A notice was received from Cess Assessment Officer under the Building and Other Construction Workers Welfare Cess Act, 1996 to deposit cess amount. Neither was the amount deposited nor was it disclosed in notes on accounts.

Sr. Audit Officer/CA(E)

Statement of Net Effect of Audit

(₹ in lakh)

Comments	Liabilities		Assets		Deficits	
	Overstated	Understated	Overstated	Understated	Overstated	Understated
A-2.1 (ii)		30.97	13.66	44.63		
(iii)			37.21			37.21
(iv)			18.55	21.01	2.46	
(v)			51.00			51.00
B-1 (i)				10.02	10.02	
(ii)				14.96	14.96	
Total		30.97	120.42	90.62	27.44	88.21

U/S 30.97

O/S 29.80

U/S 60.77

Sr. Audit Officer/CA(E)

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Balance Sheet as on 31st March 2012

(Amount in Rs.)

Particulars	Schedule	Figures as on 31.03.2012	Figures as on 31.03.2011
<u>Corpus/ Capital Fund and Liability</u>			
Capital Fund	1	1191270919.00	951430856.00
Reserve and Surplus	2	214124.00	214124.00
Provident/ Endowment/ Earmarked Funds	3	283731376.00	258718323.00
Secured Loans & Borrowings	4	0.00	0.00
Unsecured Loans & borrowings	5	7530392.00	7530392.00
Deferred Credit Liabilities	6	0.00	0.00
Current Liabilities & Provisions	7	708994989.00	679898002.00
		2191741800.00	1897791697.00
<u>Assets</u>			
Fixed Assets	8	1091069221.00	924188912.00
Investments - Provident/ Endowment Funds	9	187366952.00	228204459.00
Investments - Others	10	585506940.00	519861657.00
Current Assets, Loans & Advances, Misc. Expenditure	11	327798687.00	225536669.00
		2191741800.00	1897791697.00
Significant Accounting Policies Contingent Liabilities	24		
Notes on Accounts	25		

Dy. Registrar (A/c)

Registrar

Director

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Income & Expenditure A/C for the year ending on 31.03.2012

Particulars	Schedule	Amount in Rs.	
		Figures as on 31.03.2012	Figures as on 31.03.2011
<u>Income</u>			
Income from Sales and Services	12	250118.00	5085306.00
Sharable Grant (Government of India)	13	300068794.00	261291972.00
Students Fees	14	165939868.00	127475118.00
Income from Investments	15	0.00	0.00
Income from Royalty, Publication etc.	16	0.00	0.00
Interest	17	46809967.00	38736042.00
Other Income	18	24100208.00	18815483.00
Increase/Decrease in Stock of Fixed Goods and Working Progress	19	0.00	0.00
		537168955.00	451403921.00
<u>Expenditure</u>			
Establishment Expenses	20	364989691.00	341220418.00
Other Administrative Expenses	21	218538066.00	77950491.00
Expenses Grants/Subsidies	22	1796584.00	0.00
Interest	23	0.00	0.00
Depreciation	-	76745696.00	59387225.00
		662070037.00	478558134.00
Surplus/Deficit during the year		(-) 124901082.00	(-) 27154213.00

Dy. Registrar (A/c)

Registrar

Director

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Schedule - 1 Corpus/Capital Fund

A. Capital Fund

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Balance as at the beginning of the year	951430856.05	569850595.92
Add : Contributions towards Capital Fund		
Capital Grant	241286581.00	408139219.00
Add/(Deduct) : Balance of net income/(expenditure) transferred from the Income and Expenditure Account		
Capitalized out of Recurring Grant/Expenses	2339424.00	595254.00
Deficit During the year	-124901082.00	-27154212.87
Total	1070155779.05	951430856.05

B. Corpus Fund

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Balance as at the beginning of the year	0.00	0.00
Add : Addition during the year	123867225.00	0.00
Less : Capital Expenditure during the year	2752085.00	0.00
Total	121115140.00	0.00
TOTAL (A + B)	1191270919.05	951430856.05

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 2 Reserve & Surplus

Particular	Amount in Rs.	
	Current Year	Previous Year
1. Capital Reserve		
As per last Account	0.00	0.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
2. Revaluation Reserve		
As per last Account	0.00	0.00
Addition during the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
3. Special Reserves		
As per last Account	0.00	0.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
4. General Reserve		
(A) Institute Infrastructure Fund		
As per last Account	119048.89	119048.89
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
Total (A)	119048.89	119048.89
(B) ME Part Time		
As per last Account	95075.00	95075.00
Addition During the year	0.00	0.00
Less : Deduction during the year	0.00	0.00
Total (B)	95075.00	95075.00
Total General Reserve (A + B)	214123.89	214123.89
Total Reserve and Surplus	214123.89	214123.89

Dy. Registrar (A/c)

Registrar

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Schedule - 4 Secured Loans & Borrowings

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Secured Loans & Borrowings	0.00	0.00

Schedule - 5 Unsecured Loans & Borrowings

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Interest Free Loan for Construction of Hostel Building (From GOI)	6050084.83	6050084.83
Loan for Construction of Staff Quarters (From GOI)	1480307.00	1480307.00
Total	7530391.83	7530391.83

Schedule - 6 Deferred Credit Liabilities

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Deferred Credit Liabilities	0.00	0.00

Dy. Registrar (A/c)

Registrar

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Schedule - 7 - II Other Liabilities and Provisions as on 31.03.2012

Particular	Amount in Rs.	
	Current Year	Previous Year
P.F. Deposit	110680.61	155130.61
Provision March Salary and Pension	28128524.00	24398118.00
Gratuity Actuarial Liabilities	153138525.00	144672298.00
Security Deposit by Contractors	35295785.00	30842530.00
Leave Encashment Actuarial Liabilities	128405790.00	116621472.00
Earnest Money	1298428.00	1422394.00
Testing Charges	5238838.00	4879473.00
Salary Undisbursed	631948.82	253333.95
Deposits with Firms Through SO	376280.92	376280.92
Income Tax	69514.22	17736.22
Library Security Deposit	5450.00	5450.00
Security Deposit by Student	897000.00	714000.00
Group Linked Insurance Scheme	49246.28	49683.19
Compensation from JDA	650337.00	650337.00
Center For Industrial Collaboration	15419.00	15419.00
Security Deposit by Staff	69500.00	62500.00
Rajasthan Sales Tax/VAT	51659.00	2375.00
Fee for other RECs	83278.00	83278.00
Development of Canteen	9400.00	9400.00
Deposit out of Testing	90850.50	90850.50
Income Tax (Contractors)	182056.00	0.00
Lab. Charges from MLV Textiles	20125.00	20125.00
Canteen Contractor Deposit	2550.00	2550.00
Stall Cheque Account Deposit	394609.00	376809.00
Advance to RSBCC	1021002.00	1021002.00
DCRGS Deposit	485768.00	485768.00
Finishing School Course Deposit	11250.00	11250.00
MRECTA	120.00	120.00
EPIP	20000.00	20000.00
TEQIP Fund Deposit	1242822.00	1242822.00
Pension Contribution (Own)	2094.00	1841582.00
Pension Contribution (Institute)	10835.00	1845481.00
LIC	362.00	690.00
Spinfed Deposit	1720.00	1720.00
Deposit of M/s Ramky Infrastructure Ltd.	0.00	53981474.00
Sundry Creditors (Firms)	39109962.00	52011716.00
Deposit of MBA Management Technology	2299458.00	3116559.00
Deposit of Automatic Photocopier	1852.00	642.00
TEQIP IRG (Transfer to Earmarked Fund)	0.00	22951880.00
Professional Income Tax	6010.00	7700.00
Mess Deposit	97000.00	8110000.00
Steel Development Fund	0.00	720000.00
Fee Refundable to Dropout Students	0.00	1522325.00
Corporate Training Programme	65529.00	48969.00
DASA Admission Support Activities	94498.00	0.00
Deposit of M/s HCL Infosystem	829780.00	0.00
Deposit of M/s Abhinav Corporation	8889870.00	0.00
	C/F	
	409405726.35	474663243.39

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
B/F	409405726.35	474663243.39
MST 2011	37600.00	0.00
University Examination Fee	450952.89	450952.89
Misc. Funds Account	124509.00	105246.00
Scholarship Deposit	3268416.00	3094575.00
Institute Caution Money	26995125.00	27283400.00
Total Creditors	440282329.24	505597417.28
Sundry Creditors ME Part Time	20860.00	20860.00
Sundry Creditors Industrial Consultancy Cell	44725077.14	29218308.14
Sundry Creditors UK India REC	4664.25	4664.25
Sundry Creditors TEQIP	110240.00	105740.00
Security Deposit	105740.00	105740.00
M. Raghunath & Company	4500.00	0.00
Total Schedule 7 - II	485143170.63	534946989.67
Grand Total Current Liabilities & Provisions Schedule	708994989.04	679898001.58
No. 7 (I + II)		

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 9 Provident/ Endowment Funds Investments

Particular	Amount in Rs.	
	Current Year	Previous Year
(A) PF Trust Investment Fund		
Fixed Deposit Receipt	155558356.00	136043418.00
GPF Loans	28325702.00	27328160.00
SB Account No. 165846 with ICICI Bank Limited	2056130.96	6445641.96
SB Account No. 12262 with Oriental Bank of Commerce	1122.85	1080.85
PF Trust Payable Account	73550.00	142000.00
Total (A)	186014861.81	169960300.81
(B) Pension Fund Investment		
Deposit with PD Account No. 15 (Pension)	7916.00	7330.00
S.B. A/c No. 147818 with Bank of Raj. Ltd. Pension	0.00	0.00
Total (B)	7916.00	7330.00
(C) MNIT Endowment Investment Fund		
FDRs with ICICI Bank Limited	1344174.00	1241540.00
FDRs with State Bank of India	0.00	56995288.00
Total (C)	1344174.00	58236828.00
Total Provident/Endowment Investment Fund (A + B + C)	187366951.81	228204458.81

Schedule - 10 Investment Others

Particular	Amount in Rs.	
	Current Year	Previous Year
Fixed Deposit Receipts from Firms	35000.00	35000.00
FDR with OBC	159103364.00	0.00
FDR with PNB	0.00	137622453.00
FDR with OBC (R & D Fund)	6876717.94	0.00
FDR with HDFC	0.00	72984123.00
FDR with HDFC (R & D Fund)	0.00	6340445.00
FDR's (Units)		
ICC with SBBJ	0.00	6301916.00
ICC with ICICI	0.00	18153038.00
ICC with Central Bank of India	0.00	21369821.00
ICC with Oriental Bank of Commerce	55140318.00	7804236.00
ICC with HDFC	10178043.34	0.00
Student Fund with Central Bank of India	0.00	45554204.00
Student Fund with ICICI	101881720.00	0.00
Student Fund with SBBJ Saras Sankul	115768.00	24820898.00
Student Fund with SBBJ Gandhi Nagar & NCRB	3763143.00	175106792.00
CMSIC with OBC	4087488.67	0.00
CMSIC with HDFC	0.00	3768731.00
Student Fund OBC	85971878.00	0.00
Student Fund HDFC	25718969.21	0.00
FDR Corpus Fund OBC	87099110.00	0.00
FDR Corpus Fund ICICI	25014695.00	0.00
TEQIP with Union Bank of India	10033903.00	0.00
TEQIP with OBC	10486822.00	0.00
Total	585506940.16	519861657.00

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 11 - II Current Assets Loans and Advances

Particular	Amount in Rs.	
	Current Year	Previous Year
Advance to Staff	3175022.00	2698164.66
Fixation Arrears Teaching	5000.00	5000.00
Advance to Stores Officer	755647.17	755647.17
Advance for Lab. Work	34000.00	34000.00
MBA Course	17296.00	17296.00
Grant Receivable from Govt. of India	120000000.00	35000000.00
MNIT Pension Fund	30811.00	30811.00
Advance to Avas Vikas Sansthan	1162448.00	1162448.00
Advance to CPWD	20779794.00	2465814.00
Advance to Ground Water Board	79858.00	79858.00
Ex. Engg. PWD	1467467.68	1467467.68
LTC Advance	613434.00	619739.00
ITTC	500.00	500.00
Advance to MRF	6280.00	6280.00
AIEEE Counseling Expenses	588728.00	8984.00
Advance to Firm	42000.00	42000.00
Advance to Shri O.P. Singhal, Advocate	10000.00	10000.00
Advance to Avas Vikas Limited	36000000.00	0.00
CCMT	1060459.00	0.00
ASI	552.00	552.00
Income Tax Contractual	0.00	7829.00
Centre of Energy & Environment	47686.00	19324.00
<u>Security Deposits with</u>		
RSEB	1139697.00	1139697.00
M/s Sanghi Oxygen Company	1800.00	1800.00
Jaipur Gas Service	6700.00	6700.00
Krishana & Company	200.00	200.00
Telephone Department	17500.00	17500.00
Chandra Industries	150.00	150.00
Indian Oxygen Ltd.	4000.00	4000.00
Om Gas Agency	6750.00	6750.00
Jaipur Rotting Company	10000.00	10000.00
Mahalaxmi Gas Service	25200.00	25200.00
Ajit Service Station (Petrol Pump)	15000.00	15000.00
JVVN Limited, Jaipur	868731.00	868731.00
BSNL, Jaipur	90180.00	90180.00
Total C/F	188062890.85	46617622.51

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Particular	Amount in Rs.			
Total B/F	188062890.85		46617622.51	
Staff Advances (Units)	<i>Current Year</i>		<i>Previous Year</i>	
ME Part Time	12895.00	12895.00	12895.00	12895.00
Industrial Consultancy Cell (ICC)	0.00	0.00	30000.00	30000.00
Impact Electronics	61333.00	61333.00	61333.00	61333.00
Impact Computer	116687.00	116687.00	116687.00	116687.00
Other Advances (Units)				
UK India REC Project	1084315.00	1084315.00	1084315.00	1084315.00
Cash & Bank Balance (Institute)				
Cash in Hand (Institute)		53961.00		35474.00
Cash Imprest to Department / Section		346185.00		271163.00
UNESCO Coupons		558.03		558.03
Postage		22733.00		7283.00
Current A/c No. 1 with The Bank of Rajasthan Ltd.		67307528.27		25688526.80
Current A/c No. 10125472413 (old 22007) with State Bank of India		220549.85		221099.85
S.B. A/C No. 22670 (old 11088) with Oriental Bank of Commerce		1131257.45		550025.45
S.B. A/C No. 982 with Canara Bank		691483.57		669728.57
S.B. A/C No. 10125450013 (old 1) with State Bank of India		24652.94		23734.94
S.B. A/C No. 20586 (R & D)		6387783.59		5001239.59
P.D. Account No. 15 (Interest Bearing)		55874.00		51735.00
P.D. Account No. 25 (Non Interest Bearing)		618343.30		618343.30
Saving Bank A/C No. 105615 with BOR		19473205.86		40765716.47
S.B. A/C No. 153285 (Investigation and Combustion's and performance optimization of a dual fuel engine using bio-gas & Diesel) with BOR		3594.31		3457.31
S.B. A/C No. 163535 (Setting up a digital photo-typing center for Product Development) with BOR		631912.00		607823.00
S.B. A/C No. 169545 (Mod. of Digital Electronics & Microprocessor Lab.) with BOR		979491.00		942152.00
S.B. A/C No. 164800 (Modernization of Chemical Reaction Lab.) with BOR		65155.72		62671.72
S.B. A/C No. 165380 (Cross platform gamma and colour correction with loss less image transmitter) with BOR		88932.00		85542.00
Total B/F		287441321.74		123529126.54

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	Total C/F	287441321.74	123529126.54	
S.B. A/C No. 170911 (Water Harvesting Tech. for Rainfed Crops in Drought Prone Areas of Rajasthan) with BOR		1385651.00	1332828.00	
S.B. A/c No. 12351 with OBC (Development of Aluminum Silicon Alloys)		29.30	29.30	
S.B. A/c No. 23830 (old 12416) with OBC (Synthesis of PMMA)		677592.80	652356.80	
S.B. A/c No. 10054352069 (old 27022) with SBI (Development and Modernization of Database Lab.)		0.00	546710.68	
S.B. A/c No. 27890 (old 16683) with OBC (Development of Hybrid Waste Disposal Systems through recycling and sanitary)		719896.00	693084.00	
S.B. A/c No. 27790 (old 16586) with OBC (Hardware Development of single phase to three phase Cyclo-converter cage induction Motor drive)		785410.00	756157.00	
S.B. A/c No. 27810 (old 16608) with OBC (Design and Development WCDMA for 3G Mobile Network)		235576.30	226802.30	
S.B. A/c No. 27800 (old 16594) with OBC (Synthesis and reduced order Modeling of Interconnents for deep submicrons controls Integrated circuits and FPGAs)		340172.70	324511.70	
S.B. A/c No. 27840 (old 16632) with OBC (Enhancement of Computer facilities of Department of Architecture)		1570820.00	1512315.00	
S.B. A/c No. 27850 (old 16641) with OBC (Development of E-Management Laboratory)		894316.30	861007.30	
S.B. A/c No. 27860 (old 16659) with OBC (Development of Computer Aided Engineering Drawing Laboratory)		1284971.30	1237113.30	
S.B. A/c No. 27870 (old 16667) with OBC (Modernization of Electro-metallurgy and Corrosion Lab.)		164786.30	158649.30	
S.B. A/c No. 27880 (old 16675) with OBC (Universal Application Protocol for TCP/IP Network)		1701721.30	1638881.30	
S.B. A/c No. 27830 (old 16624) with OBC (Shake table test setup for Dynamic Testing)		1588838.30	1529662.30	
SB A/c No. 5136 (Development of Efficient Turbo Codes for 3G/4G Mobile)		1012707.00	974989.00	
SB A/c No. 5143 (Computer Controlled Cyclo Convertor Half & Full Wave Fed Cage Induction Motor Drive)		1230925.00	1185080.00	
University Forms (Stock)	13125.00	13125.00	13125.00	13125.00
Cash & Bank Balances Units				
CMSIC				
SB Account No. 140550	9568.68	9568.68	9203.68	9203.68
TOTAL C/F		301057429.02	137181632.50	

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TOTAL C/F		301057429.02		137181632.50
ME Part Time				
SB Account No. 139624	181066.00	181066.00	171841.00	171841.00
ICC				
SB Account No. 81625	3921847.34	3921847.34	7095334.34	7095334.34
UK India REC				
SB Account No. 129856	272678.35	272678.35	262283.35	262283.35
Impact (Electronics)				
SB Account No. 141038	27532.48	27532.48	26483.48	26483.48
Impact (Computer)				
SB Account No. 142514	60802.00	60802.00	58484.00	58484.00
TEQIP				
SB Account with SBBJ	67457.00		0.00	0.00
SB Account No. 435444 (ICICI)	1216085.00	1283542.00	530866.00	530866.00
Total Schedule No. 11 - II		306804897.19		145326924.67
Grand Total Current Assets Loan & Advances		327798687.24		225536668.72
Sch. No. 11 (I+II)				

Dy. Registrar (A/c)

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 12 Income from Sales/Services

Particular	Amount in Rs.	
	Current Year	Previous Year
ICC	250118.00	5085306.00

**Schedule - 13 Grant Recd./ Receivable from Govt. in India the year ending on
31.03.2012**

Particular	Amount in Rs.	
	Current Year	Previous Year
UG/PG Course (Non Plan)	259962499.82	243260209.04
M.Tech. PHE	1352930.00	1247253.00
Nodal Center	1007685.00	916957.00
COCP & Other Exp. (Nodal Centre)	509280.00	732697.00
QIP (POLY)	1106548.00	1813170.00
Plan Grant Government of India	14340585.00	1732874.00
Centre Sector Scholarship Scheme for SC/ST Students	3864777.00	2076500.00
Plan (OBC)	19193390.00	9512312.00
TEQIP	-1268901.00	0.00
Total	300068793.82	261291972.04

Schedule - 14 Students Fees received during the year ending on 31.03.2012

Particular	Amount in Rs.	
	Current Year	Previous Year
Institute Fees UG/PG Course (Non Plan)	111347436.27	87988030.97
Student Fee (Student Fund)	54592431.00	39487086.50
Total	165939867.27	127475117.47

**Schedule - 15 Income from Investment (Income on Investment from
Earmarked/Endowment FUND Transferred to Funds**

Particular	Amount in Rs.	
	Current Year	Previous Year
Income from Investment (Income on Investment from Earmarked/Endowment FUND Transferred to Funds)	0.00	0.00

Dy. Registrar (A/c)

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Schedule - 16 Income from Royalty, Publications, etc.

Particular	Amount in Rs.	
	Current Year	Previous Year
Income from Royalty, Publications, etc.	0.00	0.00

Schedule - 17 Interest Earned as on 31.03.2012

Particular	Amount in Rs.	
	Current Year	Previous Year
MNIT Society Fund	19283044.67	18073517.58
CMSIC	319122.67	249179.00
Student Fund	20213721.21	16572965.63
ICC	5697690.34	3780135.00
ME - Part Time	9225.00	6804.00
UK - India REC Project	10395.00	8824.00
Impact (Computer)	2318.00	1884.00
Impact (Electronics)	1049.00	795.00
TEQIP	1273401.00	41938.00
Total	46809966.89	38736042.21

Schedule - 18 Other Income as on 31.03.2012

Particular	Amount in Rs.	
	Current Year	Previous Year
Light & Water Charges (Hostel)	13018025.00	6242900.00
Water Charges	132370.00	168919.00
Rent of Building	36891.00	537257.00
Misc. Income	327220.84	2117188.41
Sale of Application Forms for Admission	444850.00	1745300.00
Application Fee against advertisement of Posts	-350830.00	889630.00
Recovery of Quarter Rent	787903.00	770097.00
Hostel Room Rent	8862200.00	4122800.00
Late Fee - Fine	40200.00	47600.00
Student Fund	801348.00	441099.00
Other Income (Units)		
ICC	30.00	1732693.00
TEQIP	0.00	0.00
Total	24100207.84	18815483.41

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Schedule - 19 Increase/Decrease in Stock of Fixed Goods and Working Progress

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
	0.00	0.00

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Schedule - 20 Establishment Expenses

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Pay of Officers	76967393.00	79990052.00
Pay of Establishment	28522981.00	26133146.00
Special Pay	15600.00	16700.00
Dearness Allowance	69373918.00	54277946.00
House Rent Allowance	12301081.00	12581818.00
City Compensation Allowance	-19200.00	4840.00
Medical Reimbursement	2890886.00	3546594.00
Warden Allowance	66954.00	46501.00
Mess Allowance	0.00	2400.00
Pension Contribution	-228557.00	134243.00
Pension Contribution (Salary)	984091.00	799794.00
Washing Allowance	121566.00	105257.00
Encashment of Leave	18957454.00	23052328.00
Gratuity	18521858.00	17621730.00
Other Allowances	28940.00	27010.00
Remb. of Books and Journals	0.00	24980.00
Children Education Allowance	2483958.00	2831856.00
Transportation Allowance	14623829.00	13710502.00
Bonus	805357.00	874147.00
FWA	49800.00	46539.00
Commutation of Pension	6582765.00	9217078.00
Pension Expenditure	52288553.00	45030333.00
Dearness Pay	-567833.00	631772.00
Grade Pay	22624196.00	22069948.00
Interim Arrear	-150000.00	0.00
Special Allowance	46290.00	34355.00
Cumulative Profession Development (CPDA)	5037574.00	6480756.00
Leave Salary	72735.00	50442.00
Medical Allowance to Pensioners	1131927.00	2188402.00
Contractual Services	20272682.00	9834185.00
Overtime Allowance	37179.00	36103.00
Deputation Pay	77475.00	0.00
Guest Faculty	11068239.00	4541080.00
Arrear of 6 th CPC (Non Teaching)	0.00	258513.00
Arrear of 6 th CPC (Teaching)	0.00	393145.00
Establishment Expenses (ICC)	0.00	4625923.00
Total	364989691.00	341220418.00

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 21 Administrative Expenses

Particular	Amount in Rs.	
	Current Year	Previous Year
Scholarship	36705266.00	29363610.00
Consumables for Labs	861094.00	1411416.00
Postage & Telephone Etc.	1494393.00	1543230.00
Printing & Stationery	1665995.00	969501.00
Contingent Exp.	2205261.50	1515408.00
Other Administrative Exp. (ICC)	12968744.00	459383.00
Traveling Exp.	603660.00	664788.00
Vehicle Maintenance	432146.00	422075.00
Repair & Maintenance	23708073.00	6413873.00
Books & Periodicals	1111931.00	266822.00
Student Activities	454270.00	564534.00
Liveries	0.00	329092.00
Advertisement	4716141.00	5882594.00
First Aid Medicines	91961.00	126071.00
Refreshment & Entertainment	303192.00	263453.00
Audit Fees	185280.00	199755.00
Legal Expenses	680199.00	582266.00
Electricity Expenses	16141075.10	13922000.00
Symposia & Seminars	211183.00	19423.00
Transportation Arrangements	93880.00	109641.00
Misc. Expenses	42277.00	15000.00
Attending National/International Conferences by Teachers	50000.00	5000.00
Course & Registration Fee	5043.00	49000.00
Internet Lease Line Charges	13093695.00	4511066.00
Earned Leave Encashment for LTC	425896.00	1119826.00
LTC	1891480.00	3694879.00
Insurance of Institute Properties	6390.00	51152.00
Convocation Exp.	1438327.00	55500.00
Boarding & Lodging	100618.00	63234.00
Industrial Training & Placement Fee	221954.00	297763.00
Alumni Association	1174000.00	0.00
Sports & Creative Art Society	1758350.00	1452662.00
MNIT Examination Fund	1270005.00	1313049.00
Computer & Internet Fee	0.00	35104.00
Development Fee (Transfer to Corpus Fund)	87787576.00	0.00
I-Card	55381.00	73439.00
Library Fee	11500.00	12630.00
Student Welfare	15102.00	141722.00
Student Insurance	3176700.00	0.00
Total B/F	217158038.60	77919961.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Particular	Amount in Rs.	
	Current Year	Previous Year
Total C/F	217158038.60	77919961.00
Transcript Fee	109698.00	0.00
Institute Guest House	806080.00	30530.00
Hot & Cold Weather Charges	12549.00	0.00
Education Tour	447200.00	0.00
Other Administrative Expenses (TEQIP)	4500.00	0.00
Total	218538065.60	77950491.00

Particular	Amount in Rs.	
	Current Year	Previous Year
<u>Subsidiary Details of Repairs & Maintances Expenses</u>		
Maintenance of Air Conditioners	59015.00	92175.00
Estate Maintenance	6300950.00	2527229.00
Maintenance of Hostel Building	3585287.00	807403.00
Maintenance of Staff Quarters	147189.00	40267.00
Maintenance of Garden	349725.00	195412.00
Maintenance of Computers	279237.00	387475.00
Maintenance of Furniture & Equipment	939132.00	760344.00
Maintenance of Typewriter & Photocopier	8000.00	2206.00
Maintenance of Internal Telephone System	5000.00	0.00
Repair & Maintenance (Plan)	12034538.00	1519039.00
Repair & Maintenance (OBC Plan)	0.00	82323.00
Total	23708073.00	6413873.00
<u>Subsidiary Details of Expenses paid under student activity</u>		
Educational Excursions and Survey Camps	9600.00	283093.00
Student projects	51575.00	87427.00
Extra Curr. Activities	393095.00	194014.00
Total	454270.00	564534.00
<u>Subsidiary Details of Miscellaneous Expenses</u>		
Extension Lectures	42277.00	15000.00
Total	42277.00	15000.00

Dy. Registrar (A/c)

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule - 22 Amount paid as Grants / Subsidies

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
NIT Transit House, New Delhi	1796584.00	0.00
Total	1796584.00	0.00

Schedule - 23 Interest

Particular	Amount in Rs.	
	<i>Current Year</i>	<i>Previous Year</i>
Interest	0.00	0.00

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

SCHEDULE 24 OF ACCOUNTING POLICIES

A. SIGNIFICANT ACCOUNTING POLICIES

1. Accounting Convention :

The financial statements are prepared on the basis of historical cost convention, and in accordance of the generally accepted accounting principals and on mercantile basis, unless otherwise stated.

2. Inventory Valuation :

Stores and spares, if remains unused shall be valued at cost. Consumables are deemed to be expenditure and not valued in Stores.

3. Investments :

3.1 Investments are to be valued at Cost, except in fixed deposit receipts are to be valued at cost plus interest accrued thereon.

3.2 Cost shall include acquisition expenses like brokerage, transfer stamps etc.

4. Fixed Assets :

4.1 Fixed assets are stated at cost of acquisition inclusive of inward freight, duties and taxes and incidental and direct expenses related to acquisition. In respect or projects involving construction, related pre operational expenses (including interest on loans for specific project prior to its completion) form part of value of assets capitalized.

4.2 Fixed assets received by way of non-monetary grant other then towards the corpus fund are capitalised at value stated by corresponding credit to capital reserve.

5. Depreciation :

5.1 Depreciation is provided on written down value as per the rates specified in Income Tax Act, 1961.

5.2 Depreciation is charged on those Assets which have put to use up to 30th September – 100% and those Assets put to use after 30th September – 50%

5.3 Depreciation not charged on those Assets which have not been used up to 31st March.

5.4 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.

6. Government Grants/ Subsidies :

6.1 Government grants of the nature of contribution towards capital cost of setting up projects are treated as capital reserve.

6.2 Grants in respect of specific fixed assets acquired are made part of the capital reserve on utilisation of the grant.

6.3 Receipt of fees are classified as per nature capital and revenue as per Accounting Standard 6 issued by the Institute of Chartered Accountants.

6.4 Government grant are accounted on Grant sanction/accrual basis.

7. Foreign currency Transactions:

Transactions / Purchases in foreign currency are recorded at the exchange rate paid to the bank.

8. Retirement Benefits :

8.1 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.

8.2 Liability of leave encashment is calculated on the basis of salary of each employees with their balance of leaves.

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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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

SCHEDULE NO. 25 : NOTES ON ACCOUNTS

1. Contingent Liability :
 - 1.1 Claims 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

2. Estimated value of contracts remaining to be executed on capital account and not provided for (net of advances) Rs. Nil.

3. 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 vouches 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.

4.
 - 4.1 Depreciation is charged on those Assets which have put to use up to 30th September - 100% and those Assets put to use after 30th September - 50%
 - 4.2 Depreciation not charged on those Assets which have not been used up to 31st March.
 - 4.3 Depreciation on Books has been charged on 100% being each books irrespective of the purchase price as per IT Act, 1961 Section 32.
 - 4.4 The rates of depreciation charged on each groups of assets are as under :

I.	Land	Nil
II.	Buildings	
	A. Residential	5.00%
	B. Others	10.00%
III.	Plant, Machinery & Equipment	15.00%
IV.	Vehicles	15.00%
V.	Furniture & Fixtures	10.00%
VI.	Computer & Peripherals	60.00%
VII.	Other Fixed Assets	15.00%
VIII.	Software	60.00%
IX.	Electric Installation	15.00%
X.	Tube-well & Water Supply	15.00%

5. In the opinion of the management, the value of the current assets, Loans and advances have the revisable value stated.

6. Expenditure in foreign currency during the year : Nil

7. There were no Foreign currency earnings during the year.

8. 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.

9. Figures are exhibiting rounding them off in the Balance Sheet, Income Expenditure Account and Receipt and Payment Account.

10. Figures exhibited have been regrouped and rearranged where ever necessary.

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

11. As per AS 12 we cannot assess useful life of assets so we adopt written down value method of deprecation. This method of deprecation is valid as per Income Tax Act 1961.
12. All Grant received by Institute are refundable and unspent grants depicted as current liability.
13. Schedules 1 to 25 are annexed to and form an integral part of the Balance Sheet as at 31.03.2012 and the Income and Expenditure Account for the year ended on that date.

Dy. Registrar (A/c)

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Receipt and Payment Account for the Year 31.03.2012

RECEIPT	Amount in Rs.
I. Opening Balance	
Cash in Hand	314478.00
Bank Balances	
(i) In Current Accounts	25909627.00
(ii) In FDR	578098485.00
(iii) In Savings Accounts	71166842.00
II. Grant Received	
(a) From Government of India	
(i) Non-Plan	281131144.00
(ii) Plan & Others	403595642.00
(b) From State Government	0.00
(c) From Other Sources	0.00
(d) Grants for Capital & Revenue	0.00
Earmarked Investments Fund	
1 Earmarked Endowment Fund	60756698.00
2 Own Funds (Corpus Fund)	123867225.00
Interest Received	
1 On Bank Deposit	46809967.00
2 Loan, Advance, etc.	0.00
Other Income	
1 Student Fee	165939867.00
2 Other Income	24100208.00
Amount Borrowed	
Any other receipts	
PF Deposit	28906502.00
Current Liabilities (ICC)	15756887.00
Other Receipts (ICC)	250117.00
Loan Advance Adjusted (ICC)	80000.00
Income Tax	21913312.00
LIC	2018045.00
GSLI	456860.00
Earnest Money	128000.00
Security deposit by Contractor	8850192.00
Pension Contribution (own)	968315.00
Pension Contribution (Institute)	968315.00
Travel & Seminar Grant	279000.00
Receipt (Plan)	941800.00
VAT	1678416.00
Deposit of Automatic Photocopiers	1210.00
Stall Cheque	17800.00
Total C/F	1864904954.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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RECEIPT	Amount in Rs.
	Total B/F 1864904954.00
Security deposit by Students	219000.00
Adjustment of LTC Advance	1017605.00
Security Deposit by Staff	25000.00
Income Tax Contractors	2490844.00
Grant Receivable from Government of India	35000000.00
Provision March Salary and Pension	3730406.00
Gratuity Actuarial Liabilities	8466227.00
Leave Encashment Actuarial Liabilities	11784318.00
Undisbursed Salary	584697.00
AIEEE Deposit	206115.00
Staff Advance	7973690.00
Deposit of Firms	36681503.00
Testing Charges	4906043.00
Liabilities (TEQIP)	4500.00
Project Income	670105.00
Advance to CPWD	2351733.00
TEQIP Fund Deposit	27471.00
Professional Income Tax	1696839.00
Mess Deposit	121000.00
Corporate Training Programme	180000.00
Scholarship Deposit	1447648.00
Caution Money	6404000.00
Misc. Fund Account	60000.00
DASA Support Activities	100000.00
Deposit of M/s HCL Infosys	829780.00
Advance to Avas Vikas Limited	84000000.00
Deposit of M/s Abhinav Enterprises	8889870.00
MST 2011	75200.00
CCMT	200000.00
TOTAL	2085048548.00

Dy. Registrar (A/c)

Registrar

Director

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Receipt and Payment Account for the Year 31.03.2012

PAYMENT	Amount in Rs.
I. Expenses	
(a) Establishment Expenses	364989691.00
(b) Administrative Expenses	218538066.00
(c) Grant & Subsidies	1796584.00
II. Payments made against Funds for various projects	
R & D & Modrob Projects	7221065.00
Project Expenses (Student Fund)	1028998.00
III. Investments and deposits made	
(a) Out of Earmarked/Endowment	0.00
(b) Out of Own Funds	0.00
IV. Expenditure on Fixed Assets & Capital Work-in-progress	
(a) Purchase of Fixed Assets	217275581.00
(b) Expenditure on Capital Work-in-Progress	24011000.00
V. Refund of surplus money/Loans	
(a) To the Government of India	0.00
(b) To the State Government	0.00
(c) To other providers of funds	0.00
VI. Finance Charges	
VII. Other Payments	
PF Deposit	28950952.00
Income Tax	21861534.00
LIC	2018373.00
GSLI	457297.00
Security deposit by Contractor	4396937.00
VAT	1629132.00
Earnest Money	251966.00
Career Award	222550.00
VLSI	1155373.00
Special Training Programme for SC/ST	468750.00
Travel & Seminar Grant	940517.00
Undisbursed Salary	206082.00
AIEEE Deposit	785859.00
Staff Advance	8450547.00
Testing Charges	4546678.00
Advance to CPWD	20665713.00
Security deposit by Students	36000.00
Pension Contribution Employer	2802961.00
Pension Contribution Employee (Own)	2807803.00
R & D (General)	4253969.00
R & D (Civil)	39213.00
Total B/F	941809190.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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PAYMENT	Amount in Rs.
	Total C/F 941809190.00
R & D (Computer)	74309.00
LTC Advance	1011300.00
Income Tax Contractors	2300959.00
Endowment Fund (Tr. To Corpus Fund)	69096761.00
Staff Development Fund	104336.00
Other Current Assets (ICC)	250118.00
Misc. Fund Account	40737.00
Advance to Staff	68000.00
Caution Money	6692275.00
Grant Receivable from Government of India	120000000.00
Deposit of M/s Ramkay Infrac. Fund (RV)	53981474.00
Deposit of Firms	49583257.00
Corporate Training Programme	163440.00
MBA Technology Management	817101.00
Professional Income Tax	1698529.00
Mess Deposit	8134000.00
TEQIP IRG	69942.00
Centre of Energy & Environment	28362.00
Steel Development Fund Deposit	720000.00
Scholarship Deposit	1273807.00
Fee Refendable to Dropout Students	1522325.00
Avas Vikas Limited	120000000.00
MST 2011	37600.00
CCMT	1260459.00
DASA Support Activities	5502.00
VIII. Colsing Balances	
(a) Cash in Hand	423437.00
(b) Bank Balances	
(i) In Current Accounts	67528078.00
(ii) In FDR	586851114.00
(iii) Savings Accounts	49502136.00
TOTAL	2085048548.00

Dy. Registrar (A/c)

Registrar

Director

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Schedule - 3 Provident / Endowment/ Earmarked Funds

A. Provident Fund (PF Trust) :-

I					
Particulars of Funds	Balance as on 01.04.2011	Contribution Received	Interest	Final Payment	Balance as on 31.03.2012
P.F. Deposits	169960300.81	14426255.00	12183621.00	10555315.00	186014861.81
Total -I	169960300.81	14426255.00	12183621.00	10555315.00	186014861.81

II : Pension Deposits

Particulars of Funds	Balance as on 01.04.2011	Interest	Loan Refunded	Transferred to Institute A/c	Balance as on 31.03.2012
Pension Deposits	7330.00	586.00	0.00	0.00	7916.00
Total -II	7330.00	586.00	0.00	0.00	7916.00
Total A (I + II)	169967630.81				186022777.81

B. MNIT Endowment Fund

Balance as on 01.04.2011	Addition during the year	Utilized during the year	Balance as on 31.03.2012
67724783.	6120661.06	69096761.00	4748683.06

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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C. Earmarked Funds :-

I Research Development Fund :-

Particulars of Funds	Balance as on 01.04.2011	Grant Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Structural Engg. Deptt.	5103300.29	0.00	805105.00	0.00	0.00	5908405.29
Met. Engg. Deptt.	232710.41	0.00	0.00	0.00	0.00	232710.41
Civil Engg. Deptt.	1359515.20	0.00	331565.00	0.00	39213.00	1651867.20
Elect. Engg. Deptt.	38583.75	0.00	0.00	0.00	0.00	38583.75
Generel	4138844.94	0.00	770659.94	0.00	4253969.00	655535.88
ECE Engg. Deptt.	156840.00	0.00	0.00	0.00	0.00	156840.00
Chemical Engg. Deptt.	2500.00	0.00	0.00	0.00	0.00	2500.00
Mech. Engg. Deptt.	31865.00	0.00	0.00	0.00	0.00	31865.00
Computer Engg. Deptt.	360000.00	0.00	208050.00	0.00	74309.00	493741.00
Total -I	11424159.59	0.00	2115379.94	0.00	4367491.00	9172048.53

II Emeritus Fellowship (Government of India)

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Dr. S.K. Bhatnagar	25812.00	0.00	0.00	0.00	0.00	25812.00
Total - II	25812.00	0.00	0.00	0.00	0.00	25812.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

III Career Award Scheme to Young Teachers

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Dr. Rohit Goyal	224065.50	0.00	0.00	0.00	0.00	224065.50
Sh. Manoj Fozdar	-36384.00	0.00	0.00	0.00	0.00	-36384.00
Dr. Vijay Janyani	284266.00	0.00	0.00	0.00	0.00	284266.00
Sh. Rajesh Kumar	-18932.00	0.00	0.00	0.00	0.00	-18932.00
Mrs. Namita Mittal	222550.00	0.00	0.00	0.00	222550.00	0.00
Total III	675565.50	0.00	0.00	0.00	222550.00	453015.50

IV New PG Courses Fringed Balance

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Balance B/F	205297.25	0.00	0.00	0.00	0.00	205297.25
Total IV	205297.25	0.00	0.00	0.00	0.00	205297.25

V Bikaner Engineering College

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
As per Last B/S	100000.00	0.00	0.00	0.00	0.00	100000.00
Total V	100000.00	0.00	0.00	0.00	0.00	100000.00

VI VLSI Project (II Phase)

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Balance B/F	554625.00	841000.00	0.00	9792.00	1155373.00	230460.00
Total VI	554625.00	841000.00	0.00	9792.00	1155373.00	230460.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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VII Special Training Programme for SC/ST Students

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
	4062069.00	0.00	0.00	0.00	468750.00	3593319.00
Total VII	4062069.00	0.00	0.00	0.00	468750.00	3593319.00
Total C (I to VII)	17047528.34	841000.00	2115379.94	9792.00	6214164.00	13779952.28

D. Student Fund Endowment / Earmarked Funds

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
BKS Mathur Gold Medal	13008.38	0.00	0.00	0.00	0.00	13008.38
Book Bank SC/ST	173504.00	0.00	0.00	124147.00	0.00	49357.00
Gold Medal (Civil)	5000.00	0.00	0.00	0.00	0.00	5000.00
Proctor Account	287555.00	0.00	0.00	0.00	0.00	287555.00
Staff Welfare Fund	3499312.44	0.00	569307.00	0.00	104336.00	3964283.44
TOTAL (D)	3978379.82	0.00	569307.00	124147.00	104336.00	4319203.82

E. Staff Development Fund

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Staff Development Fund	0.00	0.00	45602612.00	0.00	0.00	45602612.00
TOTAL (E)	0.00	0.00	45602612.00	0.00	0.00	45602612.00

F. Maintenance Fund

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Maintenance Fund	0.00	0.00	3174369.00	0.00	0.00	3174369.00
TOTAL (F)	0.00	0.00	3174369.00	0.00	0.00	3174369.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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G. Depreciation Fund

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
Depreciation Fund	0.00	0.00	3174369.00	0.00	0.00	3174369.00
TOTAL (F)	0.00	0.00	3174369.00	0.00	0.00	3174369.00

H. TEQIP IRG Fund

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
TEQIP IRG Fund	22951880	0.00	0.00	0.00	42471.00	22909409.00
TOTAL (F)	22951880	0.00	0.00	0.00	42471.00	22909409.00
Total of Schedule No. 3 (A+B+C+D+E +F+G+H)						283731375.97

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Schedule 7 : Current Liabilities & Provisions

I (A) Unspent Balance as on 31.03.2012 (Plan Grant Government of India)

Particulars	Balance as on 01.04.2011	Grant Received/Re- appropriation	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
Composite Campus Renovation				8066857.00		
Equipments				449436.00	36218674.00	
Furniture & Fixture including Hostel			941800.00	324818.00	83409854.00	
Internet Lease Line Charges						
Computer & Peripherals					368575.00	
Construction of First Floor in Design Centre					24011000.00	
Tube well & Water Supply				337939.00		
NIT Transit House, New Delhi				1796584.00		
Renovation of Mess Hostel					624720.00	
Renovation of Toilets of Academic Area				3364951.00		
	76400709.20	190625659.00				
TOTAL (A)	76400709.20	190625659.00	941800.00	14340585.00	144632823.00	108994760.20

(B) Projects Grants

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
Instrumentation	3828.60	0.00	0.00	0.00	0.00	3828.60
Increase of Intake Capacity	89715.07	0.00	0.00	0.00	0.00	89715.07
Infrastructure grant of Improvement in Development of Economy	17500.00	0.00	0.00	0.00	0.00	17500.00
Development of Chemical reaction Lab.	93000.00	0.00	0.00	0.00	0.00	93000.00
Mod. of Lab. & Removal of Obsolesce (Struct.)	82903.60	0.00	0.00	0.00	0.00	82903.60
Development in the area of Telematics	800.00	0.00	0.00	0.00	0.00	800.00
Modernization of Elect. Workshop	129916.00	0.00	0.00	0.00	0.00	129916.00
Development ALB for Adv. Costing by Plasma & Laser Techniques.	960662.19	0.00	0.00	0.00	0.00	960662.19
TOTAL C/F	1378325.46	0.00	0.00	0.00	0.00	1378325.46

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
TOTAL B/F	1378325.46	0.00	0.00	0.00	0.00	1378325.46
Investigation and Combustion's and per. Optim. of dual fuel engine Bio-gas & Diesel.	510.31	0.00	137.00	0.00	0.00	647.31
Security evaluation of Prevention Control of Modern Power System.	149302.00	0.00	0.00	0.00	0.00	149302.00
Chemical Reaction lab.	45554.72	0.00	2484.00	0.00	0.00	48038.72
Rehabilitation concepts for sustainable development of urban poor.	594827.00	0.00	0.00	0.00	0.00	594827.00
Cross plat. gamma and colour collection with loss-less image transmission	35527.00	0.00	3390.00	0.00	0.00	38917.00
Setting up a digital photo typing center for product development	664228.00	0.00	24089.00	0.00	0.00	688317.00
Synthesis of PMMA	652356.80	0.00	25236.00	0.00	0.00	677592.80
Water Harvesting Technology for Rainfed Crops in Drought-Prone Areas of Rajasthan	1332828.00	0.00	52823.00	0.00	0.00	1385651.00
Modernisation of Digital Electronics and Micro Processor Lab.	942152.00	0.00	37339.00	0.00	0.00	979491.00
Universal application Protocol for TCP/IP Network	1638881.30	0.00	62840.00	0.00	0.00	1701721.30
Dev. of Hybrid Waste disposal system thorough recycling and Sanitary Land filling for solid waste of College Campus	693084.00	0.00	26812.00	0.00	0.00	719896.00
Shake table test setup for Dynamic Testing	1529431.30	0.00	59176.00	0.00	0.00	1588607.30
Deve. and Modernisation of database Laboratory	546710.68	0.00	18410.32	565121.00	0.00	0.00
Enhancement of Computer facilities of Department of Architecture	1512315.00	0.00	58505.00	0.00	0.00	1570820.00
Modernization of Electro Metallurgy & Corrosion Lab.	158649.30	0.00	6137.00	0.00	0.00	164786.30
Development of E Management Lab.	861007.30	0.00	33309.00	0.00	0.00	894316.30
Deve. of Comp. Aided Engg. Drawing Lab.	1237113.30	0.00	47858.00	0.00	0.00	1284971.30
TOTAL C/F	13972803.47	0.00	458545.32	565121.00	0.00	13866227.79

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
TOTAL B/F	13972803.47	0.00	458545.32	565121.00	0.00	13866227.79
Hardware Dev. for Single Phase to Three Phase Cyclo-converter fed Cage Ind. Motor Drive	756157.00	0.00	29253.00	0.00	0.00	785410.00
Design and Development of WCDMA for 3 G Mobile Network	237799.30	0.00	8774.00	11298.00	0.00	235275.30
Synthesis and Reduced Order Modeling of Interconnects for Deep Submicrons Custom Integrated Circuits and FPGAs	333280.70	0.00	15661.00	0.00	0.00	348941.70
Development of Efficient Turbo Codes for 3G/4G Mobile	974989.00	0.00	37718.00	0.00	0.00	1012707.00
Computer Controlled Cyclo Converter (Half & Full Wave) Fed Cage Induction Motor Drive	1120664.00	0.00	45845.00	0.00	0.00	1166509.00
Information Security Education and Awareness	814995.00	1516000.00	0.00	1235574.00	12337.00	1083084.00
Information Security Education and Awareness (Scholarship)	0.00	663000.00	0.00	308358.00	0.00	354642.00
NCP (Monitoring and Characterization of Reg. Purable Human Health)	327947.00	0.00	0.00	20000.00	0.00	307947.00
NCP (Synthesis and Characterization of Plasma Sprayed Ceramic Coating)	2056304.00	0.00	0.00	0.00	0.00	2056304.00
National Programme for Capacity Building of Architect earthquake Risk Management	9658.00	0.00	0.00	9658.00	0.00	0.00
Dev. of Math. Model for Forecasting of Effect of Salinity & Pollutants Trans. in Ground Water	130302.00	0.00	0.00	130302.00	0.00	0.00
Research on Application Specific Microstructured Optical Fiber (UKIERI)	25712.00	234783.00	0.00	260495.00	0.00	0.00
Integrated Dev. of Public Transport System	180523.00	0.00	0.00	0.00	0.00	180523.00
Design and Development of Low Cost Solar Refrigeration System for Rural Area	10650.00	0.00	0.00	0.00	0.00	10650.00
Synthesis and Characterization of Nano Crystalline Ni-P Coating in Alluminium	13230.00	0.00	0.00	5407.00	0.00	7823.00
Perf. Evaluation in Inter. Brick/Block Masonry	34764.00	0.00	0.00	4934.00	0.00	29830.00
TOTAL C/F	20999778.47	2413783.00	595796.32	2551147.00	12337.00	21445873.79

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
TOTAL B/F	20999778.47	2413783.00	595796.32	2551147.00	12337.00	21445873.79
Development of a Highly Efficient Procedure and Graphical user interface equipped Software	368200.00	0.00	0.00	110973.00	0.00	257227.00
Cognitive Analysis Tools for Digital Forensics	93882.00	300000.00	0.00	317555.00	0.00	76327.00
MBA Technology Management (UKIERI)	609628.00	532725.00	0.00	195774.00	0.00	946579.00
Design Development and Ergonomic Analysis of Blue Pottery Manufacturing System	1274090.00	0.00	0.00	196955.00	775244.00	301891.00
Design & Simulation of Tunable Photonic Crystal Structure for Novel All Optical App.	7434.00	337000.00	0.00	317366.00	0.00	27068.00
Multi Processor Electronic Design Automation (UKIERI)	74067.00	263158.00	0.00	320998.00	0.00	16227.00
Investigation of Heat transfer Boiling Water	455367.00	461925.00	0.00	402006.00	389250.00	126036.00
Investigation of Applicability of Probabilistic Signature for Metamorphic Malware Detection	130125.00	0.00	74309.00	204434.00	0.00	0.00
Development of Multi Agent Based System for Dynamic Multi Project Scheduling	178016.00	200000.00	0.00	179331.00	0.00	198685.00
UNICEF R&D Project Feasibility Assessment for Deflouridisation of Drinking Water by Electro-Coagulation using Alumina Electrodes	78470.00	60000.00	0.00	138470.00	0.00	0.00
Development of Novel Environment Friendly Reasonable and Stable Pd(U) and CVI	867043.00	0.00	0.00	357115.00	349556.00	160372.00
Durability of Concrete Containing Zinc slag as partial replacement of sand	827581.00	0.00	0.00	511157.00	298850.00	17574.00
SnO2 based Microwave sintered combustible Gas sensor study of Grain size effect in enhancing the gas sensing behaviour	1598450.00	34374.00	0.00	222546.00	815505.00	594773.00
Development of National Transmission Network Terrif Frame Work	324800.00	0.00	0.00	27024.00	0.00	297776.00
Synthesis of Heterobioconjugates as Possible Drug Candidates Using Click Chemistry Approach	0.00	563988.00	0.00	271216.00	0.00	292772.00
TOTAL C/F	27886931.47	5166953.00	670105.32	6324067.00	2640742.00	24759180.79

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
TOTAL B/F	27886931.47	5166953.00	670105.32	6324067.00	2640742.00	24759180.79
Monitoring of Groundwater Contamination in Industrial Area of Sanganer Town by Using Animal Models (Fish & Swiss Albino Mice) and its Mitigation at Household Level	0.00	270000.00	0.00	12000.00	0.00	258000.00
Development of Techniques for Metamorphic Malware Detection and Analysis	0.00	404800.00	0.00	0.00	0.00	404800.00
Experimental and Analytical Studies for the Short and Long Term Behaviour of Epoxy Bonded Steel-concrete Composite Bridges	0.00	1200000.00	0.00	0.00	0.00	1200000.00
Capacity Building in Renewals Energy	0.00	3000000.00	0.00	0.00	0.00	3000000.00
Installation of Solar Water Heating Systems at Various Locations in the Institute	0.00	1000000.00	0.00	0.00	0.00	1000000.00
UKIERI	0.00	990150.00	0.00	0.00	0.00	990150.00
R & D Project Coal Roof Monitoring	0.00	72000.00	0.00	0.00	0.00	72000.00
TOTAL (B)	27886931.47	12103903.00	670105.32	6336067.00	2640742.00	31684130.79

(C)

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
Non Recurring Grant Vehicle GOI	132506.00	0.00	0.00	0.00	0.00	132506.00
Non Recurring Grant Vehicle GOR.	45507.00	0.00	0.00	0.00	0.00	45507.00
Non Recurring Grant for Development of Site Government of Rajasthan Plan	688026.61	0.00	0.00	0.00	0.00	688026.61
Unspent Grant for UG & PG Courses Government of India Non Plan	36049240.83	280000000.00	0.00	259962499.82	0.00	56086741.01
Unspent Balance for PG Course and Research Work	560000.00	0.00	0.00	0.00	0.00	560000.00
Centre Sector Scholarship Scheme for SC Students	715240.00	4917305.00	0.00	3864777.00	0.00	1767768.00
TOTAL (C)	38190520.44	284917305.00	0.00	263827276.82	0.00	59280548.62

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

(D) Travel, Seminar Grants and Other Grants

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other	Capital	
Development of Aluminium Silicon Alloys	31.40	0.00	0.00	0.00	0.00	31.40
Travel Grant Dr. Sandeep Sancheti	50000.00	0.00	0.00	0.00	0.00	50000.00
Staff Development Programme (Dr. R.P. Yadav)	101887.00	0.00	0.00	0.00	0.00	101887.00
Staff Development Programme - Dr. Rohit Goyal	20589.00	0.00	0.00	0.00	0.00	20589.00
Staff Development Programme (Dr. K.C. Jain)	3922.00	0.00	0.00	0.00	0.00	3922.00
NDSU - MNIT Teaching Collaboration	329510.00	0.00	0.00	0.00	0.00	329510.00
NPCBEERM	11918.00	0.00	0.00	0.00	0.00	11918.00
Travel Grant - Dr. S.L. Soni	0.00	91040.00	0.00	91040.00	0.00	0.00
NPCBAERM	42275.00	0.00	0.00	0.00	0.00	42275.00
RUIDP	0.00	694800.00	192000.00	556196.00	0.00	330604.00
Intellectual Properties Right Cell	94000.00	0.00	0.00	94000.00	0.00	0.00
Rajasthan Renewal Energy Corporation	0.00	282000.00	0.00	199281.00	0.00	82719.00
Identical Problem on Machine and Mechanism	472.00	0.00	0.00	0.00	0.00	472.00
Short term Course on Power System Restructuring and Electricity Markets	0.00	0.00	87000.00	0.00	0.00	87000.00
TOTAL (D)	654604.40	1067840.00	279000.00	940517.00	0.00	1060927.40

(E) TEQIP

Particular of Funds	Balance as on 01.04.2011	Grants Received/ Refunded	Transfer to Institute Account	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
TEQIP Project	383187.50	20000000.00	0.00	1273401.00	0.00	4500.00	21652088.50
TOTAL (E)	383187.50	20000000.00	0.00	1273401.00	0.00	4500.00	21652088.50

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

(F) Student Fund

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Capital Expenses	Other Expenses	Balance as on 31.03.2012
CSIR Fellowship Dr. Arti Kashyap	3523.90	0.00	0.00	0.00	0.00	3523.90
CSIR Fellowship Kirti Bhandari	74694.00	216184.00	0.00	0.00	0.00	290878.00
CSIR Fellowship Monika Maheshwari	13333.00	317607.00	0.00	0.00	51740.00	279200.00
CSIR Fellowship Yogita Madan	14400.00	317603.00	0.00	0.00	176737.00	155266.00
DST Student Project Pawan Kalla	0.00	12500.00	0.00	0.00	0.00	12500.00
ISRO MAP Project	62842.00	0.00	0.00	0.00	0.00	62842.00
MNES Fellowship A/c of Vikas Kaidan	17343.00	0.00	0.00	0.00	0.00	17343.00
HYDRO - 2008	-4404.00	125000.00	0.00	0.00	47382.00	73214.00
DRDO Student Robot Competitions	204.00	0.00	0.00	0.00	0.00	204.00
UGC - Ritu Saharan	24000.00	253400.00	0.00	0.00	224000.00	53400.00
Inspire Fellowship Assured Opportunity	318000.00	0.00	0.00	0.00	221992.00	96008.00
JRF to Ms. Parul Gupta						
UGC - JRF Ms. Neha Agarwal	27484.00	0.00	0.00	0.00	0.00	27484.00
JRF - Ruchi Maheshwari	0.00	148737.00	0.00	0.00	148737.00	0.00
JRF - Sukhbeer Kumari	0.00	158410.00	0.00	0.00	158410.00	0.00
TOTAL (F)	551419.90	1549441.00	0.00	0.00	1028998.00	1071862.90

(G) Capacity Expansion of Provide Reservation for OBCs (Plan) Unspent Balance as on 31.03.2012

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
Recurring Expenditure	776139.00	18417251.00	0.00	19193390.00	0.00	0.00
Total (G)	776139.00	18417251.00	0.00	19193390.00	0.00	0.00

(H) Field Level Data Collection (Nodal Centre) Unspent Balance as on 31.03.2012

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
Field Level Data Collection (Nodal Centre)	107500.00	0.00	0.00	0.00	0.00	107500.00
Total (G)	107500.00	0.00	0.00	0.00	0.00	107500.00

Total of Schedule No. 7 I
(A + B + C + D + E + F + G + H)

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Schedule 8(a) : Fixed Assets (As on 31.03.2012)

Description		GROSS BLOCK				DEPRECIATION				NET BLOCK	
		Cost/valuation as at beginning of the year	Additions during the year	Deductions during the year	Cost/valuation at the year end	As at the beginning of the year	On additions during the year	On Deductions during the year	Total up to the year end	As at the Current year end	As at the Previous year end
A.	Fixed Assets										
1	Land	42920612.26	0.00	0.00	42920612.26	0.00	0.00	0.00	0.00	42920612.26	42920612.26
2	Buildings:										
	(A) Residential	684636994.11	82228101.00	0.00	766865095.11	75639532.11	34561278.00	0.00	110200810.11	656664285.00	608997462.00
	(B) Others	156033522.28	0.00	0.00	156033522.28	79853761.48	7617976.00	0.00	87471737.48	68561784.80	76179760.80
3	Plant Machinery & Equipment	226255071.20	39810205.00	0.00	266065276.20	172196509.89	11194979.00	0.00	183391488.89	82673787.31	54058561.31
4	Vehicles	2251548.71	2788035.00	0.00	5039583.71	1555211.30	313554.00	0.00	1868765.30	3170818.41	696337.41
5	Furniture, Fixtures	40051904.30	91417684.00	0.00	131469588.30	9815135.38	7447447.00	0.00	17262582.38	114207005.92	30236768.92
6	Computer/Peripherals	94057168.12	149506.00	0.00	94206674.12	70647701.48	14082972.00	0.00	84730673.48	9476000.64	23409466.64
7	Other Fixed Assets	308838.00	0.00	0.00	308838.00	268185.40	6098.00	0.00	274283.40	34554.60	40652.60
8	Library Books	20847943.13	1151960.00	0.00	21999903.13	20682079.13	0.00	0.00	20682079.13	1317824.00	165864.00
9	Software	9067888.00	1989025.00	0.00	11056913.00	8264359.90	701117.00	0.00	8965476.90	2091436.10	803528.10
10	Office Equipments	1828750.00	80489.00	0.00	1909239.00	688382.00	176838.00	0.00	865220.00	1044019.00	1140368.00
11	Electric Installations	4984718.00	0.00	0.00	4984718.00	1926093.00	458794.00	0.00	2384887.00	2599831.00	3058625.00
12	Tube-wells & Water Supply	1929738.00	0.00	0.00	1929738.00	698782.00	184643.00	0.00	883425.00	1046313.00	1230956.00
TOTAL (A) of Current Year		1285174696.11	219615005.00	0.00	1504789701.11	442235733.07	76745696.00	0.00	518981429.07	985808272.04	842938963.04
Previous Year		884995180.11	597878407.00	189143934.00	1293729653.11	382848508.07	59387225.00	0.00	442235733.07	851493920.04	502146672.04
(B) Capital Work in Progress		8554957.00	24011000.00	0.00	32565957.00	0.00	0.00	0.00	0.00	32565957.00	8554957.00
TOTAL (A + B)		1293729653.11	243626005.00	0.00	1537355658.11	442235733.07	76745696.00	0.00	518981429.07	1018374229.04	851493920.04

Schedule 8(b) : Fixed Assets (TEQIP) (As on 31.03.2012)

S.No.	Particular	Value as on 01.04.2011	Addition during the Year	Deduction during the year	Value as on 31.03.2012
1.	CIVIL WORKS	7977783.00	0.00	0.00	7977783.00
2.	EQUIPMENT & COMPUTERS	48741616.00	0.00	0.00	48741616.00
3.	FURNITURE & FIXTURES	552626.00	0.00	0.00	552626.00
4.	BOOKS & LEARNING RESOURCES	15422967.00	0.00	0.00	15422967.00
	TOTAL (b)	72694992.00	0.00	0.00	72694992.00
	TOTAL FIXED ASSETS 8 (a) + (b)	924188912.04	0.00	0.00	1091069221.04

Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Schedule No. 11 Current Assets, Loan, Advances & Misc.

I : Overspent Grants

Part A :- Grant Sharable

Particulars	Balance on 01.04.2011	Grant Received	Income	Sharable Expenditure (Other)	Capital Expenditure	Balance as on 31.03.2012
Recurring Grant Non Plan UG GOR	4726421.10	0.00	0.00	0.00	0.00	4726421.10
Recurring Grant Plan UG GOR	12680.78	0.00	0.00	0.00	0.00	12680.78
PHE PG Course Grants	4354067.51	0.00	0.00	1352930.00	0.00	5706997.51
QIP (Poly), AICTE	2801292.00	0.00	0.00	1106548.00	0.00	3907840.00
Total of Part A	11894461.39	0.00	0.00	2459478.00	0.00	14353939.39

Part B :- Overspent Balance Project Grants (Government of India)

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other Exp.	Capital Exp.	
Overspent Balance Projects Grant						
Taptec Project Flexible	21458.50	0.00	0.00	0.00	0.00	21458.50
Lab Enhancement under NPEEE	91200.00	0.00	0.00	0.00	0.00	91200.00
Virtual Classrooms	0.00	3116153.00	0.00	849070.00	2779425.00	512342.00
Utilization of Marble Stone Compiling	0.00	0.00	0.00	35928.00	0.00	35928.00
Total (B)	112658.50	3116153.00	0.00	884998.00	2779425.00	660928.50

Part C :- Overspent Balance Plan Grants (Govt. of Rajasthan)

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other Exp.	Capital Exp.	
Capital Works unmarried Women's Hostel	350000.00	0.00	0.00	0.00	0.00	350000.00
Total (C)	350000.00	0.00	0.00	0.00	0.00	350000.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Part D :- Overspent Balance Staff Development Programme

Particulars	Balance as on 01.04.2011	Grant Received	Income	Utilization		Balance as on 31.03.2012
				Other Exp.	Capital Exp.	
Dr. Vineet Sahula	35440.00	0.00	0.00	0.00	0.00	35440.00
Total (D)	35440.00	0.00	0.00	0.00	0.00	35440.00

Part E :- Overspent Balance UK-India REC Project

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
UK-India REC Project	1236832.90	0.00	0.00	0.00	0.00	1236832.90
Total (E)	1236832.90	0.00	0.00	0.00	0.00	1236832.90

Part F :- Overspent Balance Summer/Winter School

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
Recent Advances in Microwave and Wireless Communication	409340.00	0.00	0.00	0.00	0.00	409340.00
Emerging Tools and Trends in Open Source Computing	242856.00	0.00	0.00	0.00	0.00	242856.00
Alternate Automobile Fuels	207760.00	0.00	0.00	0.00	0.00	207760.00
Management and Mitigations of Natural Disasters	382246.00	0.00	0.00	0.00	0.00	382246.00
Applied Economics and Quantitative Techniques	235190.00	0.00	0.00	0.00	0.00	235190.00
Developing Teaching Skills in Management Course	382809.00	0.00	0.00	0.00	0.00	382809.00
Advance Application on Power Electronics	281877.00	0.00	0.00	0.00	0.00	281877.00
Operation and Control of Modern Power System	294506.00	0.00	0.00	0.00	0.00	294506.00
Winter School Soft Computer Skills in Engg.	333103.00	0.00	0.00	0.00	0.00	333103.00
Total (F)	2769687.00	0.00	0.00	0.00	0.00	2769687.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR
Balance Sheet 2011-12

Part G :- Overspent Balance National Manpower Information System (Nodal Centre)

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
Non Plan	1201141.26	1131144.00	0.00	1516965.00	0.00	1586962.26
Total (G)	1201141.26	1131144.00	0.00	1516965.00	0.00	1586962.26

Part H : Capacity Expansion of Provide Reservation for OBCs (Plan) Overspent Balance as on 31.03.2012

Particular of Funds	Balance as on 01.04.2011	Grants Received	Income	Other Expenses	Capital Expenses	Balance as on 31.03.2012
Non Recurring	62609523.00	150957090.00				
Construction of Woman & Man Hostel					82228101.00	
Equipments					6099531.00	
Furniture & Fixtures					19935.00	
Total (H)	62609523.00	150957090.00	0.00	0.00	88347567.00	0.00

Grand Total Schedule 11 I (A + B + C + D + E + F + G + H)	20993790.05
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Dy. Registrar (A/c)

Registrar

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2011 - 2012)

ENDOWMENT FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	17.10.2011	676814000240	ICICI Bank Limited	1344174.00
			Total	1344174.00
			GRAND TOTAL	1344174.00

R & D FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	30.12.2011	07023091000660	Oriental Bank of Commerce	6876717.94
			GRAND TOTAL	6876717.94

SOCIETY FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	01.03.2012	07023081000663	Oriental Bank of Commerce	108641863.00
2	26.03.2012	07023081000670	Oriental Bank of Commerce	50461501.00
			GRAND TOTAL	159103364.00

SCHOLARSHIP FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	24.01.2012	32156476972	State Bank of India	335519.00
			GRAND TOTAL	335519.00

STUDENT FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	29.07.2011	18444470004230	HDFC Bank Limited	25718969.21
			Total	25718969.21
2	24.01.2012	676814000324	ICICI Bank Limited	101881720.00
			Total	101881720.00
3	24.01.2012	07023091000684	Oriental Bank of Commerce	85971878.00
			Total	85971878.00
			GRAND TOTAL	213572567.21

CORPUS FUND

S.No.	Date	FDR No.	Name of Bank	Amount
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1	12.12.2011	07023091000622	Oriental Bank of Commerce	25013207.00
2	30.12.2011	07023091000639	Oriental Bank of Commerce	62085903.00
			Total	87099110.00
3	12.12.2011	676814000277	ICICI Bank Limited	25014695.00
			Total	25014695.00
			GRAND TOTAL	112113805.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2011 - 2012)

SWF FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	19.10.2011	61140410218	State Bank of Bikaner & Jaipur	115768.00
			Total	115768.00
2	24.01.2012	32156479848	State Bank of India	3427624.00
			Total	3427624.00
			GRAND TOTAL	3543392.00

FIRMS/PARTY FUND

S.No.	Date	FDR No.	Name of Bank	Amount
1	28.9.1981	147183	State Bank of Bikaner and Jaipur	500.00
2	26.12.1987	292903	State Bank of India	500.00
3	21.5.1990	8088	The Urban Cooperative Bank Limited	2000.00
4	10.10.1990	885364	State Bank of India	1000.00
5	3.3.1993	182992	Oriental Bank of Commerce	1000.00
6	26.6.1993	1833530	Dena Bank	2000.00
7	27.10.1993	119758	The Bank of Rajasthan Limited	500.00
8	20.11.1993	490671	Bank of Maharashtra	2000.00
9	18.3.1997	676963	State Bank of Bikaner and Jaipur	1500.00
10	21.8.1999	742801	Canara Bank	4000.00
11	14.7.2000	4526154	Union Bank of India	20000.00
			TOTAL	35000.00

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MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2011 - 2012)

GPF Trust

S.No.	Date	FDR No.	Name of Bank	Amount
1	18.11.2011	178430	CentralBank of India	61553718.00
			Total	61553718.00
2	01.08.2011	024700DP00001532	Punjab National Bank	4292486.00
			Total	4292486.00
3	17.11.2011	7355889	ICICI Bank Limited	70000000.00
			Total	70000000.00
4	30.12.2011	908029	Oriental Bank of Commerce	14323667.00
			Total	14323667.00
			Accrued Interest (CBI)	2176953.00
			Accrued Interest (PNB)	270095.00
			Accrued Interest (ICICI)	2578747.00
			Accrued Interest (OBC)	362690.00
			GRAND TOTAL	155558356.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

List of Fixed Deposit Receipt (2011 - 2012)

CMSIC

S.No.	Date	FDR No.	Name of Bank	Amount
1	30.12.2011	90803	Oriental Bank of Commerce	3986545.67
			Total	3986545.67
			Accrued Interest	100943.00
			GRAND TOTAL	4087488.67

Malaviya National Institute of Technology Jaipur
Industrial consultancy Cell

List of Fixed Deposit Receipt

S.No	Date	FDR No.	Name of Bank	Amount
1.	30-7-2011	1844470004405	HDFC Bank	10000001.00
			Total	10000001.00
2.	28-9-2011	907679	Oriental Bank of Commerce	8098362.00
3.	29-9-2011	907685	Oriental Bank of Commerce	9000000.00
4.	29-9-2011	907686	Oriental Bank of Commerce	2901638.00
5.	30-12-2011	908028	Oriental Bank of Commerce	33000000.00
			Total	53000000.00
6.	31-3-2012		Accrued Interest on FDR	
			HDFC Bank	178042.34
			Oriental Bank of Commerce	2140318.00
			Total	2318360.34
			G.Total	65318361.34

**MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY
JAIPUR**

List of Fixed Deposit Receipt (2011-2012)

TEQIP Phase-II

S.No.	Date	FDR No.	Name of Bank	Amount
1	26.12.2011	07023031022813	Oriental Bank of Commerce	Rs. 26,32,603.00
2	26.01.2012	07023021002962		Rs. 25,10,616.00
3	27.08.2011	07023031019912		Rs. 52,27,531.00
Total:				Rs. 1,03,70,750.00
4	19.03.2012	586103230000056	Union Bank of India	Rs. 1,00,00,000.00
Total:				Rs. 1,00,00,000.00
Accrued Interest				Rs. 1,49,975.00
Grand Total:				Rs. 2,05,20,725.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for B. Tech./B.Arch. students admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST & Girl Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST & Girl Students (in Rupees)
A. Admission/Tuition Fees					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	17500.00	--	17500.00	--
B. Institute Fees (Common for all students)					
3.	Development	3000.00	3000.00	3000.00	3000.00
4.	Library & Book Bank	1000.00	1000.00	1000.00	1000.00
5.	Computer/Internet	1000.00	1000.00	1000.00	1000.00
6.	Sports & Creative Arts Society	1000.00	1000.00	1000.00	1000.00
7.	Students Welfare	300.00	300.00	300.00	300.00
8.	Industrial Training & Placement	1000.00	1000.00	1000.00	1000.00
9.	Examination	500.00	500.00	500.00	500.00
C. Group Insurance *					
10.	Insurance Fees (Annual)	450.00	450.00		
Total (A+B+C)		26750.00	9250.00	26300.00	8800.00
D. Hostel Fees					
11.	Room Rent	1600.00	1600.00	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00	2400.00	2400.00
Total (D)		4000.00	4000.00	4000.00	4000.00
E. One Time Payment at Admission					
13.	Institute Caution Money (refundable) (for All)	5000.00	5000.00	--	--
14.	Alumni Association Membership Fees	1000.00	1000.00	--	--
15.	Identity Card Charges	100.00	100.00	--	--
Total (E)		6100.00	6100.00	--	--
F. Hostel Caution Money & Mess Advance (for Hostellers)					
16.	Hostel Caution Money (one time refundable)	5000.00	5000.00	--	--
17.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00	10000.00	10000.00
Total (F)		15000.00	15000.00	10000.00	10000.00
Grand Total		51850.00	34350.00	40300.00	22800.00

* Group insurance fees will be as per actual.

For Hostellers	51850.00	34350.00	40300.00	22800.00
For Day Scholars	32850.00	15350.00	26300.00	8800.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for M.Tech./M.Plan./M.Sc./MBA/Ph.D. (Full-time) students admitted in the session
2011-12

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
A. Admission/Tuition Fees					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	17500.00	--	17500.00	--
B. Institute Fees (Common for all students)					
3.	Development	1000.00	1000.00	1000.00	1000.00
4.	Library & Book Bank	300.00	300.00	300.00	300.00
5.	Computer/Internet	1000.00	1000.00	1000.00	1000.00
6.	Sports & Creative Arts Society	500.00	500.00	500.00	500.00
7.	Students Welfare	300.00	300.00	300.00	300.00
8.	Industrial Training & Placement	250.00	250.00	250.00	250.00
9.	Examination	1000.00	1000.00	1000.00	1000.00
C. Group Insurance *					
10.	Insurance Fees (Annual)	450.00	450.00		
Total (A+B+C)		23300.00	5800.00	22850.00	5350.00
D. Hostel Fees					
11.	Room Rent	1600.00	1600.00	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00	2400.00	2400.00
Total (D)		4000.00	4000.00	4000.00	4000.00
E. One Time Payment at Admission					
13.	Institute Caution Money (refundable) (for All)	5000.00	5000.00	--	--
14.	Alumni Association Membership Fees	1000.00	1000.00	--	--
15.	Identity Card Charges	100.00	100.00	--	--
Total (E)		6100.00	6100.00	--	--
F. Hostel Caution Money & Mess Advance (for Hostellers)					
16.	Hostel Caution Money (one time refundable)	5000.00	5000.00	--	--
17.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00	10000.00	10000.00
Total (F)		15000.00	15000.00	10000.00	10000.00
Grand Total		48400.00	30900.00	36850.00	19350.00

* Group insurance fees will be as per actual.

For Hostellers	48400.00	30900.00	36850.00	19350.00
For Day Scholars	29400.00	11900.00	22850.00	5350.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for M.Tech./Ph.D. (Part-time) students admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters		Even Semesters	
		For General Category Students (in Rupees)	For SC/ST Students (in Rupees)	For General Category Students (in Rupees)	For SC/ST Students (in Rupees)
A. Admission/Tuition Fees					
1.	Admission Processing Fee	1000.00	1000.00	1000.00	1000.00
2.	Tuition Fee	17500.00	--	17500.00	--
B. Institute Fees (Common for all students)					
3.	Development	1000.00	1000.00	1000.00	1000.00
4.	Library & Book Bank	300.00	300.00	300.00	300.00
5.	Computer/Internet	1000.00	1000.00	1000.00	1000.00
6.	Sports & Creative Arts Society	500.00	500.00	500.00	500.00
7.	Students Welfare	300.00	300.00	300.00	300.00
8.	Examination	1000.00	1000.00	1000.00	1000.00
C. Group Insurance *					
9.	Insurance Fees	450.00	450.00	--	--
Total (A+B+C)		23050.00	5550.00	22600.00	5100.00
D. One Time Payment at Admission					
10.	Institute Caution Money (refundable) (for All)	5000.00	5000.00	--	--
11.	Alumni Association Membership Fees	1000.00	1000.00	--	--
12.	Identity Card Charges	100.00	100.00	--	--
Total (D)		6100.00	6100.00	--	--
Grant Total (A+B+C+D)		29150.00	11650.00	22600.00	5100.00

* Group insurance fees will be as per actual.

Fees Structure for M.Tech./Ph.D. (Part-time) **Institute Faculty** admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters	Even Semesters
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	4375.00	4375.00
3.	Examination	500.00	500.00
4.	Alumni Association Membership Fees	1000.00	1000.00
Total		6875.00	6875.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for B. Tech./B.Arch. DASA & ICCR students of other than SAARC Country
Admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters	Even Semesters
		DASA & ICCR	DASA & ICCR
A. Admission/Tuition Fees			
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	US \$ 7000	--
B. Institute Fees			
3.	Development	3000.00	3000.00
4.	Library & Book Bank	1000.00	1000.00
5.	Computer/Internet	1000.00	1000.00
6.	Sports & Creative Arts Society	1000.00	1000.00
7.	Students Welfare	300.00	300.00
8.	Industrial Training & Placement	1000.00	1000.00
9.	Examination	500.00	500.00
C. Group Insurance *			
10.	Insurance Fees (Annual)	450.00	
Total (A+B+C)		9250.00 \$ 7000	8800.00
D. Hostel Fees			
11.	Room Rent	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00
Total (D)		4000.00	4000.00
E. One Time Payment at Admission			
13.	Institute Caution Money (refundable) (for All)	5000.00	--
14.	Security Amount (refundable) (for All)	5000.00	
15.	Alumni Association Membership Fees	1000.00	--
16.	Identity Card Charges	100.00	--
Total (E)		11100.00	--
F. Hostel Caution Money & Mess Advance (for Hostellers)			
17.	Hostel Caution Money (one time refundable)	5000.00	--
18.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00
Total (F)		15000.00	10000.00
Grand Total		39350.00 US \$ 7000	22800.00

* Group insurance fees will be as per actual.

For Hostellers	39350.00 + US \$ 7000	22800.00
For Day Scholars	20350.00 + US \$ 7000	8800.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for B. Tech./B.Arch. DASA & ICCR students of SAARC countries admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters	Even Semesters
		DASA & ICCR	DASA & ICCR
A. Admission/Tuition Fees			
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	US \$ 3500	--
B. Institute Fees			
3.	Development	3000.00	3000.00
4.	Library & Book Bank	1000.00	1000.00
5.	Computer/Internet	1000.00	1000.00
6.	Sports & Creative Arts Society	1000.00	1000.00
7.	Students Welfare	300.00	300.00
8.	Industrial Training & Placement	1000.00	1000.00
9.	Examination	500.00	500.00
C. Group Insurance *			
10.	Insurance Fees (Annual)	450.00	
Total (A+B+C)		9250.00	8800.00
		\$ 3500	
D. Hostel Fees			
11.	Room Rent	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00
Total (D)		4000.00	4000.00
E. One Time Payment at Admission			
13.	Institute Caution Money (refundable) (for All)	5000.00	--
14.	Security Amount (refundable) (for All)	5000.00	
15.	Alumni Association Membership Fees	1000.00	--
16.	Identity Card Charges	100.00	--
Total (E)		11100.00	--
F. Hostel Caution Money & Mess Advance (for Hostellers)			
17.	Hostel Caution Money (one time refundable)	5000.00	--
18.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00
Total (F)		15000.00	10000.00
Grand Total		39350.00	22800.00
		US \$ 3500	

* Group insurance fees will be as per actual.

For Hostellers	39350.00 + US \$ 3500	22800.00
For Day Scholars	20350.00 + US \$ 3500	8800.00

MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR

Fees Structure for M. Tech. DASA/MEA & ICCR students admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters	Even Semesters
		DASA & ICCR	DASA & ICCR
A. Admission/Tuition Fees			
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	US \$ 2600	--
B. Institute Fees (Common for all students)			
3.	Development	1000.00	1000.00
4.	Library & Book Bank	300.00	300.00
5.	Computer/Internet	1000.00	1000.00
6.	Sports & Creative Arts Society	500.00	500.00
7.	Students Welfare	300.00	300.00
8.	Industrial Training & Placement	250.00	250.00
9.	Examination	1000.00	1000.00
C. Group Insurance *			
10.	Insurance Fees (Annual)	450.00	--
Total (A+B+C)		5800.00 \$ 2600	5350.00
D. Hostel Fees			
11.	Room Rent	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00
Total (D)		4000.00	4000.00
E. One Time Payment at Admission			
13.	Institute Caution Money (refundable) (for All)	5000.00	--
14.	Security Amount (refundable) (for All)	5000.00	--
15.	Alumni Association Membership Fees	1000.00	--
16.	Identity Card Charges	100.00	--
Total (E)		11100.00	--
F. Hostel Caution Money & Mess Advance (for Hostellers)			
17.	Hostel Caution Money (one time refundable)	5000.00	--
18.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00
Total (F)		15000.00	10000.00
Grand Total		35900.00 US \$ 2600	19350.00

* Group insurance fees will be as per actual.

For Hostellers	35900.00 + US \$ 2600	19350.00
For Day Scholars	16900.00 + US \$ 2600	5350.00

Malaviya National Institute of Technology Jaipur
Fee Structure per Semester for MBA (Technology Management)
 Admitted in the session 2011-12

S. No.	Head of Fees	Odd Semesters	Even Semesters
A. Admission/Tuition Fees			
1.	Admission Processing Fee	1000.00	1000.00
2.	Tuition Fee	125000.00	125000.00
B. Institute Fees (Common for all students)			
3.	Development	1000.00	1000.00
4.	Library & Book Bank	300.00	300.00
5.	Computer/Internet	1000.00	1000.00
6.	Sports & Creative Arts Society	500.00	500.00
7.	Students Welfare	300.00	300.00
8.	Industrial Training & Placement	250.00	250.00
9.	Examination	1000.00	1000.00
C. Group Insurance *			
10.	Insurance Fees (Annual)	450.00	
Total (A+B+C)		130800.00	130350.00
D. Hostel Fees			
11.	Room Rent	1600.00	1600.00
12.	Light & Water Charges	2400.00	2400.00
Total (D)		4000.00	4000.00
E. One Time Payment at Admission			
13.	Institute Caution Money (refundable) (for All)	5000.00	--
14.	Alumni Association Membership Fees	1000.00	--
15.	Identity Card Charges	100.00	--
Total (E)		6100.00	--
F. Hostel Caution Money & Mess Advance (for Hostellers)			
16.	Hostel Caution Money (one time refundable)	5000.00	--
17.	Mess Advance per semester & adjusted in the Mess Bill at actual	10000.00	10000.00
Total (F)		15000.00	10000.00
Grand Total		155900.00	144350.00

* Group insurance fees will be as per actual.

For Hostellers	155900.00	144350.00
For Day Scholars	136900.00	130350.00