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Item No. 29.1.0 To confirm the minutes of the 28th meeting of the Senate held on December 09, 2013.

The minutes of the 28th meeting of the Senate held on December 09, 2013 being placed at **Annexure-A** was sent to all the members of the Senate for their comments. No comments have been received from any member of the Senate. The minutes may, therefore, be taken as confirmed.

Item No. 29.2.0 To note the action taken on the decisions made in the 28th meeting of the Senate of the Institute held on December 09, 2013.

S. No.	Item No.	Particulars	Decision	Action Taken
1.	28-1.0	To confirm the minutes of the 27 th meeting of the Senate held on September 30, 2013.	The minutes of the 27 th meeting of the Senate held on September 30, 2013 being placed at Annexure-A were sent to all the members of the Senate for their comments. No comments were received from any member of the Senate. The minutes of the 27 th meeting of the Senate were confirmed.	Noted
2.	28-2.0	To note the action taken on the decisions made in the 27 th meeting of the Senate held on September 30, 2013.	Against the item No. 27-5.1, Professor Sinha mentioned that the committee had also proposed the name of Mr. Sachin Tendulkar for conferring Honorary Degree of MNIT Jaipur, which was not included in the action taken report in the 28 th Senate agenda. The Senate discussed the issue at length and recommended that the names of eminent personalities in the field of Education, Science, Technology, Industry Development, creative arts and major contribution to society through technology transfer may be considered for conferring Honorary degree of MNIT Jaipur.	Noted
28.3.0	ITEMS FOR CONSIDERATION			
	28-3.1	To consider the change of name of Computer Engg. Deptt.	The Senate approved to the change of name of "Computer Engineering Department" to "Computer Science and Engineering Department".	Implemented
	28-3.2	To consider BOG's observation for closure of B.Tech. programme in Information Technology and increase in the sanctioned intake in Computer Engineering UG Programme	The Senate approved the closure of Information Technology branch but the increase in the sanctioned intake in Computer Engg. Programme was not approved as the present faculty student ratio in the department is still skewed and is way below the 1:15, the accepted ideal ratio. The Senate observed that the increase in sanctioned strength of B.Tech Computer Engineering programme may be reconsidered at a later stage when the faculty student ratio is improved.	Noted

	28-3.3	To consider scheme and syllabus of Architecture & Planning.	<p>The SUGB, Chairman informed the Senate that since Studio hours are a major component of the teaching scheme in Architecture and Planning Department, these have been considered equivalent to Lecture hours. The Senate recognized that it is required to add one more category S in addition to L, T, P as S. One studio hour may be taken equivalent to one credit.</p> <p>The addition of studio hour (S) in addition to present categories of L, T and P, the credit equivalence of studio hour and the scheme and syllabus of Architecture & Planning was approved.</p>	Implementd																						
	28-3.4	To consider earmarking of seats in PG programmes of Civil, Electrical and Mechanical Engineering Departments for faculty members of Government Engineering Colleges of Gujarat	<p>The Senate approved the recommendation of the SPGB, “....<i>earmarking 5 seats in Civil Engineering Department, (one in each PG programme), 4 seats in Mechanical engineering department (1 in each PG Programme), and one seat in Electrical Engineering Department.....</i>” with the condition that there should not be any compromise vis-à-vis fulfilling the minimum eligibility criteria for these candidates.</p> <table border="1" data-bbox="810 1171 1209 1832"> <thead> <tr> <th>Department</th> <th>PG Programme</th> </tr> </thead> <tbody> <tr> <td>Civil Engg.</td> <td>Environmental Engg.</td> </tr> <tr> <td>Civil Engg.</td> <td>Water Resources Engg.</td> </tr> <tr> <td>Civil Engg.</td> <td>Transportation Engg.</td> </tr> <tr> <td>Civil Engg.</td> <td>Disaster Assessment and Mitigation</td> </tr> <tr> <td>Civil Engg.</td> <td>Structural Engg.</td> </tr> <tr> <td>Mechanical Engg.</td> <td>Thermal Engg.</td> </tr> <tr> <td>Mechanical Engg.</td> <td>Production Engg.</td> </tr> <tr> <td>Mechanical Engg.</td> <td>Design Engg.</td> </tr> <tr> <td>Mechanical Engg.</td> <td>Industrial Engg.</td> </tr> <tr> <td>Electrical Engg.</td> <td>Power Systems</td> </tr> </tbody> </table> <p>The senate also desired that the minimum eligibility criterion of sponsored candidates should be conveyed to the Commissioner, Technical Education, Government of Gujarat.</p>	Department	PG Programme	Civil Engg.	Environmental Engg.	Civil Engg.	Water Resources Engg.	Civil Engg.	Transportation Engg.	Civil Engg.	Disaster Assessment and Mitigation	Civil Engg.	Structural Engg.	Mechanical Engg.	Thermal Engg.	Mechanical Engg.	Production Engg.	Mechanical Engg.	Design Engg.	Mechanical Engg.	Industrial Engg.	Electrical Engg.	Power Systems	Approved and letter has been sent to Government of Gujarat and concerned department
Department	PG Programme																									
Civil Engg.	Environmental Engg.																									
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Mechanical Engg.	Industrial Engg.																									
Electrical Engg.	Power Systems																									

	28-3.5	Introduction of a self sponsored category under full time/ part time sponsored candidates	<p>The Chairman, SPGB apprised the Senate of how MNIT Jaipur is losing on some very experienced professionals as researchers due to the present eligibility criterion, especially the required experience criterion. The cases were discussed in detail.</p> <p>The Senate approved to replace point 2. of the clause R 2.7.2 of R & R manual for PG Programmes as “A Sponsored candidate must have total experience of more than 2 years and must have been in service of the sponsoring organization for at least one year at the time of admission. The sponsoring organization must.....” is replaced as</p> <p>“A Sponsored candidate full time or part time must have total experience of more than 2 years and in case of full time sponsored candidate he/she must have been in service of sponsoring organisation for atleast one year at the time of admission. The sponsoring organization must.....”</p> <p>The Chairman Senate was requested by the Senate to constitute a committee to process the applications for admission to PG Programmes in self sponsored category. The committee will give its recommendation on case to case basis to Chairman, Senate for approval.</p>	Provision inserted in the PG R&R Manual
	28-3.6	To change the name of M. Tech. programme in “Energy Engineering” to “Thermal Engineering”	Approved as proposed	Implemented
	28-3.7	To consider guidelines for partial financial support to the student towards travel & registration to attend National and International Conferences.	<p>The agenda item was initiated on the premise of funding from interest on corpus (Student Fund). (Reference: Agenda item 26-2.0, 25-3.5) However during deliberations it was observed that it will not be sustainable. The Senate was of the view that the provision of this financial support should not be based on ad hoc mechanism but should be sustainable on long term basis.</p> <p>The item was dropped and it was decided to make a proposal for inclusion in budget of 2014-15.</p>	No action required

	28-3.8	To consider the number of courses to be registered by a student in a semester.	The Senate approved the recommendations of the SUGB recognizing that in present rules there are ample mechanisms/provisions to take care that the weaker students are not overloaded by misuse of R 6.3 of R & R Manual for UG Programmes. However there is a need that those provisions are implemented effectively. The DUGC may be advised to forward cases of deficient students' course registration to Academic Performance Evaluation Committee (APEC) and such cases must be dealt individually.	Being implemented
	28-3.9	To consider the detailed outline for admission of technical staff of the departments in PG programmes.	The proposal was approved.	Provisions inserted in PG Manual
	28-3.10	To consider the Action Plan on the basis of Kakodkar Committee report on NITs	Since the action plans from various departments were still awaited, the Heads of the Departments were requested to send the action plan by 16-12-2013 considering the recommendations made by Kakodkar Committee on NITs. Senate further desired that Chairman, Senate should form an "Action Plan Implementation Committee" which will compile the action plans received from individual reports and prepare a holistic action plan for implementation at Institute as well as Department level.	Report is under preparation by Prof. G. S. Dangayach and Arch. . Ramniwas Sharma
28-4.0		REPORTING ITEMS		
	28-4.1	To report the minutes of SUGB.	Noted.	
	28-4.2	To report the minutes of SPGB.	Noted	
	28-4.3	To report the unfair mean cases caught in II Mid Term Examination held on 15-10-2013.	Noted	
	28-4.4	To report the schemes and syllabi of B.Tech. Chemical, Civil, Computer, Electrical, Electronics and Communication, Mechanical and Metallurgical & Materials Engineering Programmes.	Noted	

28-5.0 ANY OTHER ITEMS WITH THE PERMISSION OF THE CHAIR																					
	28-5.1	To report approval of four new PG courses offered by Department of Electronics & Communications Engineering for M.Tech VLSI and M.Tech ECE PG Programmes.	<p>The Senate noted the approval by the SPGB of the below courses offered by Department of Electronics & Communication Engineering for M.Tech. VLSI and M.Tech ECE PG programmes</p> <table border="1"> <tr> <td>1</td> <td>ECT655</td> <td>Optical codes and Applications</td> <td>3(3-0-0)</td> </tr> <tr> <td>2</td> <td>ECT656</td> <td>Adaptive Signal Processing</td> <td>3(3-0-0)</td> </tr> <tr> <td>3</td> <td>ECT657</td> <td>VLSI signal processing architectures</td> <td>3(3-0-0)</td> </tr> <tr> <td>4</td> <td>ECT658</td> <td>Current-Mode Analog Signal processing</td> <td>3(3-0-0)</td> </tr> </table>		1	ECT655	Optical codes and Applications	3(3-0-0)	2	ECT656	Adaptive Signal Processing	3(3-0-0)	3	ECT657	VLSI signal processing architectures	3(3-0-0)	4	ECT658	Current-Mode Analog Signal processing	3(3-0-0)	Implemented
1	ECT655	Optical codes and Applications	3(3-0-0)																		
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4	ECT658	Current-Mode Analog Signal processing	3(3-0-0)																		
	28-5.2	To report the new guidelines regarding fellowships and slots for Ph.D. per supervisors based on the observations made by the BOG.	Noted																		

Item No. 29-3-0	Items for Consideration.
Item No. 29-3.1	<p>To consider the changes related to course on Research Methodology under rule 8.2 of R&R manual for PG programmes.</p> <p>The SPGB in its 10th meeting has proposed that the course "Research Methodology and Design of Experiments " continues to be compulsory for all research scholars, however it may be registered as credit/audit course based on recommendation of respective DREC of the candidates.</p> <p>The syllabus of the course on Research Methodology be revised and consist of following topics</p> <ol style="list-style-type: none"> 1. Research Methods 2. Design of Experiments 3. Analysis of data <p>The copy of current syllabus is placed at annexure A1 <i>Item is placed for consideration</i></p>
Item No. 29-3.2	<p>To consider the approval of syllabus of the subject "Fuel Cell Technology" and 12 nos. of the laboratory courses being offered by Chemical Engineering Dept.</p> <p>The syllabus of the course "Fuel Cell Technology" and the list of experiments of 12 nos. of laboratory courses recommended by SUGB is placed at Annexure B. <i>Item is placed for consideration and approval</i></p>
Item No. 29-3.3	<p>To consider the following change to be made in the R & R manual (page 6) for UG Programmes.</p> <p>The DPGC convener shall be nominated by faculty board of the department for a term of two years.</p> <p>be read as</p> <p>The DUGC/DPGC convener shall be nominated by faculty board of the department for a term of two years.</p> <p>This is in alignment with the term of DPGC conveners. <i>Item is placed for consideration and approval</i></p>
Item No. 29-3.4	<p>To consider introduction of new elective course "Application of Geoinformatics in Urban Planning" for PG program by Department of Architecture & Planning</p> <p>The syllabus of above elective course recommended by SPGB is placed at Annexure C. <i>Item is placed for consideration and approval.</i></p>
Item No. 29-3.5	<p>To consider proposal of Department of Civil Engineering to bifurcate course CE608-Geoinformatics for Natural Resources/Disaster Management with five credits into two courses i.e., one theory course of three credits and one laboratory course of two credits.</p> <p>As per the policy to have separate course for theory and lab, SPGB recommended the proposal of Department of Civil Engineering to bifurcate course CE608 into one theory course and one laboratory course. Details are placed at Annexure D. <i>Item is placed for consideration and approval.</i></p>
Item No. 29-3.6	<p>To consider the addition of new elective course "Analytic Function Theory" for M. Tech. programs by Mathematics department and approval of revised syllabi of M.Sc. Applied Mathematics.</p>

	<p>SPGB recommended approval of new elective course Analytic function theory for M. Tech programs and revised syllabi of M.Sc. Applied Mathematics. Details are placed at Annexure E.</p> <p><i>Item is placed for consideration and approval.</i></p>
Item No. 29-3.7	<p>To consider modification in clause 9.1 of R&R manual for PG regulations regarding appointment of supervisors.</p> <p>SPGB constituted committee to suggest suitable modifications in the rules. Recommendations of committee are placed at Annexure F</p> <p><i>Item is placed for consideration and approval.</i></p>
Item No. 29-3.8	<p>To consider approval of Academic Calendar for session 2015-2016.</p> <p><i>Academic calendar is placed at Annexure G for consideration and approval.</i></p>
Item No. 29-3.9	<p>To consider benchmark academic norms for hiring of Guest faculty* for A semester/year</p> <p>For applicants the following is essential**</p> <p>For Engineering</p> <ol style="list-style-type: none"> 1. A minimum of 60% marks or 6.5 CGPA on a 10 point scale, in both UG and PG degree level. 2. One of the degree should be from state engineering/CFTI/Govt. funded or a well known reputed college/institute. 3. Essential qualification M.Tech. 3. Desirable Ph.D. <p><u>For Humanities, Social Sciences and pure Sciences.</u></p> <ol style="list-style-type: none"> 1. A minimum of 55% marks in both UG and PG level. 2. One of the degree should be from a CFTI/State Govt. funded University/college. 3. Essential qualification Ph.D. <p><u>For MBA</u></p> <ol style="list-style-type: none"> 1. A minimum of 60% marks or 6.5 CGPA on a 10 point scale, in both UG and PG degree level. 2. One of the degree should be from state engineering/CFTI/Govt. funded or a well known reputed college/institute. 3. Essential -Experience in industry 4. Desirable Ph.D. <p>The above conditions shall not be applicable to retired faculty from CFTIs/State Govt. funded institutes/Govt. research labs.</p> <p>Guest faculty shall be hired on a semester to semester basis. No Guest Faculty shall be hired for more than two years by the institute and shall be relieved at the end of each semester.</p> <p>*Guest faculty is distinct from expert/Visiting faculty</p> <p>**In exceptional cases the above conditions can be relaxed with approval of chairman senate</p> <p><i>Item is placed for consideration and approval.</i></p>
Item No. 29-3.10	<p>To consider revision of Remuneration for Guest faculty.**</p> <p>As the minimum pay of Assistant Professor has increased over the years it is proposed to revise the remuneration of Guest faculty.</p> <p>The guest faculty remuneration may be fixed after negotiations taking into account their academic credentials and experience.</p>

	<p>The range of remuneration for Guest faculty with M. Tech/M. Phil qualification shall be Rs. 35,000- 40,000/- PM. For Guest faculty with Ph.D. qualification the range is Rs. 40,000- 45,000/- PM depending on experience.</p> <p>**In case of exceptional candidate the above conditions can be relaxed with approval of chairman senate <i>Item is placed for consideration and approval</i></p>
Item No. 29-3.11	<p>To evolve schemes for financial support like teaching Assistantship, Research Assistantship to compensate for rise in tuition fees for PG students. The fee for M. Tech. has been hiked as per NIT Council decision. The BoG has desired that suitable schemes be evolved to augment the GATE scholarship. It is proposed that students be given Teaching Assistantship/RAship (to the tune of 4500/- per month) under a department faculty, other than their supervisor to carry out tasks like guided evaluation, literature survey, help in preparation of lecture/teaching material etc. <i>Item is placed for consideration and approval</i></p>
Item No. 29-3.12	<p>To consider new Grade sheet format It is proposed that the Grade sheets be printed through the ERP system only. A copy of the new Grade sheet format is attached for consideration. <i>Item is placed for consideration and approval (placed at Annexure-G1)</i></p>
29-4.0	Reporting Items
Item No. 29-4.1	<p>To report the minutes of SUGB. The minutes are placed at Annexure H.</p>
Item No. 29-4.2	<p>To report the minutes of SPGB. The minutes are placed at Annexure I.</p>
Item No. 29-4.3	<p>Grant of permission of three months extension beyond seven years to Ms. Garima Mathur (2007RECE001) for submitting Ph.D. thesis. U. O. Note placed at Annexure J.</p>
Item No. 29-4.4	<p>Approval of an elective course “Entrepreneurship Development”, proposed by Department of Management for both UG and PG programs. U. O. Note placed at Annexure K.</p>
Item No. 29-4.5	<p>Approval of internship at Silicon Image Hyderabad to Shri Lavish Kumar Jangid (2012PEV5226) M. Tech. (VLSI) at a marginally short CGPA. Order placed at Annexure L.</p>
Item No. 29-4.6	<p>Admission of Mr. Ibrahim Saad Mohammed Agwa, Assistant Lecturer Department of Civil Engineering , Suez University Egypt in Ph.D. course at this institute</p>
Item No. 29-4.7	<p>Approval of the proposal of ECE department for starting two new M.Tech courses (a) M. Tech. in Wireless & Optical Communication (b) M. Tech. in Embedded Systems The schemes and syllabus are placed at Annexure M.</p>
Item No. 29-4.8	<p>Request of Technical education department Government of Rajasthan to start degree course in Mining Engineering for preparing skilled manpower in this field in the State. Letter has been received from Joint Secretary, Technical Education, Government of Rajasthan regarding starting of Mining Engineering Branch in MNIT to make available skilled manpower in the field of mining engineering in the state.</p>

	The state government has been requested to provide the details of funding it is willing to provide the institute for starting this degree course.
Item No. 29-4.9	Modified Fee structure for UG/PG/M.Sc/MBA/Ph.D/ for all admission categories. The Fee Structures are placed at Annexure-N.
Item No. 29-4.10	Regarding Assignment of alternative Ph.D. Supervisors to students registered under Dr Rohit Bhakar Asstt. Prof. Electrical Engineering, as he has proceeded on two years leave. The Office Order is placed at Annexure O.
Item No. 29-5.0	Any other item with the permission of chair