# MALAVIYA NATIONAL INSTITUTE OF TECHNOLOGY JAIPUR-302017 

AGENDA FOR THE TWENTYFIRST SENATE MEETING

| Meeting Number | $:$ | Twenty-First |
| :--- | :--- | :--- |
| Venue | $:$ | Senate Hall <br> Design Centre, MNIT Jaipur |

Date
: $\quad 7^{\text {th }}$ December, 2011

Time
: 3.00 P.M.

AGENDA FOR THE TWENTYFIRST MEETING OF THE SENATE TO BE HELD ON $7^{\text {th }}$ DECEMBER, 2011 AT 3.00 P.M. IN THE SENATE HALL, DESIGN CENTRE

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The minutes of the $20^{\text {th }}$ meeting of the Senate held on $20^{\text {th }}$ June 2011 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. 21.2.0 To note the action taken on the decisions made in the $20^{\text {th }}$ meeting of the Senate of the Institute held on June 20, 2011.

| S. No. | Item No. | Particulars | Decision | Action Taken |
| :---: | :---: | :---: | :---: | :---: |
| 1. | 20-1.0 | To confirm the minutes of the $19^{\text {th }}$ meeting of the Senate held on June 09, 2010 | The minutes were confirmed | Confirmed |
| 2. | 20-2.0 | To note the action taken on the decisions made in the $19^{\text {th }}$ meeting of the Senate of the Institute held on June 09, 2010 | Actions taken were noted. | Noted |
| 20.3.0 | ITEMS FOR CONSIDERATION |  |  |  |
|  | 20-3.1 | To consider the orders issued by the then Chairman Senate on modification/amendments in the Ordinances \& Regulations of the Ph.D. programme <br> (i) The Minimum eligibility for admission to Ph.D. programmes. <br> It was decided to have zero semester this time (July to December 2011) and put up the recommendation of the committee for Ph.D. regulations for consideration. <br> (ii) The change in the total number of Ph.D. scholars to be registered under a supervisor <br> (iii) The norms of submission of Ph.D. Synopsis and Thesis <br> (iv)The constitution of Departmental Research Committee (DRC) <br> (v) The course work requirement for the $\mathrm{Ph} . \mathrm{D}$. scholars admitted with minimum qualification of B.Tech./M.Sc. in Engineering Departments. | The Senate felt that this has been done in an autocratic manner and in violation of ACT, Statutes, Ordinances and also against the earlier decisions of the Senate/Board so denounced such an action. Chairman Senate requested all the members to refrain from doing so and respect the law. Further, as the items relate to changes made by the In-charge Director in the Ordinances and Regulations it was suggested to report the items to BoG. Senate constituted a committee to look at the modifications of P.G. Rules and Regulations. It was asked to look into these issues also and come up with suggestions to safeguard the implementations of Ordinances, Statutes and the Act in future. | The committee notified and the same has submitted its report which is placed as a separate agenda item at 21-3.4 |
|  | 20-3.2 | To ratify the Common M.Tech. Admission during the Academic Year 2011-12 | The Senate ratified the item. | Noted |
|  | 20-3.3 | To ratify the minimum eligibility criteria of MBA admission 2011-12. | The proposal received from the Department of Management Study was accepted in principle. However, it was decided that a committee consisting of the following faculty members can look into the re-constitution of the Department(s) of Management Studies | The recommendation of the committee is awaited |


|  |  |  | and Humanities \& Social Sciences so that the Institute may be in a position to attract bright candidates in the MBA programme: <br> 1. Prof. Alok Ranajan, <br> Dean Administration: Convener <br> 2. Prof. Gopal Agarwal <br> 3. Prof. Ashok Sharma <br> 4. Prof. A.P.S. Rathore <br> 5. Prof. U. Pandel <br> 6. Prof. S.K. Sharma <br> 7. Smt. Nanny Tripathi |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 20-3.4 | To consider valid GATE score subjects for relevant PG programmes of the Institute | The Senate approved the list of GATE subjects relating to P.G. programmes sent from the Departments | Implemented |
|  | 20-3.5 | To ratify the termination of the students who were admitted under DASA scheme in the Ist year in the session 2010-11. | The decision was ratified | Noted |
|  | 20-3.6 | To ratify the termination of students who were admitted under DASA Scheme in the $1^{\text {st }}$ year in the session 2009- 10. | The decision was ratified | Noted |
|  | 20-3.7 | To consider termination of P.G. students who could not fulfill the minimum requirements for registration in even semester 2010-11 | The decision was ratified | Noted |
|  | 20-3.8 | To ratify the open book mode of examination of theory papers | This was agreed in principle. It was decided that the academic departments have to devise modalities for the purpose. However, detailed procedure for a transparent and effective mechanism should be worked out before implementing the same through UG/PG Boards | Noted |
|  | 20-3.9 | To consider the results of final year UG, PG, and Ph.D. students eligible for the award of degrees | Noted | Degree will be awarded in $6{ }^{\text {th }}$ Convocation |
|  | 20-3.10 | To consider the names of students for award of Gold Medals in the respective programmes | The Senate agreed to the proposal | Medals will be awarded in $6^{\text {th }}$ Convocation |
|  | 20-3.11 | To consider the names of Alumni for conferring the Alumni awards in the Convocation of the Institute | The Senate, proposed to set up the following committee to scrutinize the recommendations for the purpose: <br> 1. Dean Academic Affairs : Chairman <br> 2. Prof. Ashok Sharma : Member <br> 3. Prof. A.K. Rajvanshi : Member <br> 4. Mr. Ashok Agarwal : Member | The proposed name of alumni for confirming the Alumni awards in the $6{ }^{\text {th }}$ Convocation are placed at Item No. 213.3 |
|  | 20-3.12 | To consider the nomination of the two faculty members in the Board of Governors | The Chairman informed the members that the purpose of having nomination on the BoG is that faculty both at senior and junior level should be represented effectively. The Senate nominated Prof. Y. P. Mathur, Prof. of Civil Engineering and Mr. Manish Vashistha, Assistant Professor, Chemical Engineering Department as the Institute members on the Board for a period of two years, as specified by the Statutes. | Noted |
|  | 20-3.13 | Extra facilities for differently | The decision implemented was noted. | Report awaited |


|  | abled students as proposed by the Ministry of Social Justice \& Empowerment, Govt. of India and UGC | The Chairman suggested that all such differently abled students must have access to all places. The HoD (Arch.) $+\mathrm{HoD}(\mathrm{CE})+$ Faculty associated with Estate should submit a report on all possible steps to be taken for such students. |  |
| :---: | :---: | :---: | :---: |
| 20-3.14 | To consider revised rates of Ph.D. scholarships | The Senate decided to implement the revised rates of scholarships from $1^{\text {st }}$ July, 2011. However, the assistantship for all categories of students will be paid only upto 4 years. | Implemented |
| 20-3.15 | To consider the proposal of appointment of three (03) Ph.D. examiners for Ph.D. thesis evaluation of which at least one should be from abroad | It was decided that the committee already constituted for preparing PG/Ph.D. Rules and Procedures shall look into this also. | PG/Ph.D. manual placed at Item No. 21-3.4 so be dropped from the list |
| 20-3.16 | To consider the introduction of software method of checking the Ph.D./M.Tech. thesis to stop Plagiarism | The proposal was approved for implementation by internal mechanism. However, it would be optional for Ph.D. and M.Tech. for one year. The Senate will reconsider this decision after one year. | Noted |
| 20-3.17 | To consider the minimum eligibility for admission in Ph.D. in the departments of (i) Physics (ii) Mathematics (iii) Structural Engg. (iv) ECE (v) Met. \& Mat. Engg. (vi) Computer Engg. | It was decided that the Committee already constituted under item No. 19.3.3 shall look into this. | Placed at Reporting Item No. 21-4.1 |
| 20-3.18 | To consider the modified scheme of $\quad$ M.Tech. Environmental Engineering | The modification was approved by the Senate. However, it was decided that once the Centre for Energy and Environment is established such course should be offered by the Centre. | Placed at Item No. 21- $3.15$ |
| 20-3.19 | To consider the minor modification in the Scheme of M.Tech. Structural Engineering | The Senate approved the modifications. | Implemented |
| 20-3.20 | To consider the scheme and syllabus of M.Tech. Renewable Energy | The proposal was referred back to the P.G. Board for providing specific recommendations. | Inputs from Department awaited |
| 20-3.21 | To consider open electives offered/proposed by Department of Humanities and Social Sciences | It was decided that Industrial Management should be taught by Management Department. Rest of the proposed Electives were approved by the Senate. | Implemented |
| 20-3.22 | To consider the nomenclature and course contents of Open Electives | The proposal was approved | Noted |
| 20-3.23 | To consider the Academic Calendar for $1^{\text {st }}$ Odd Semester 2011-12 | A committee consisting of Prof. Alok Ranjan, Prof. Y.P. Mathur and Prof. R.A. Gupta was constituted to finalize the calendar so that the students can be supplied the programme by 20-25 July, 2011 at the time of registration | The academic canendar for I, II 2011-12 and I Semester 2012 is placed at reporting Item No. 214.6 |
| 20-3.24 | To consider the minutes of UG Board | It was decided to discuss the minutes of the UG Board held on June 09, 2011 in the next Senate meeting except item No.15.14 and 15.15. For item No.15.14 (case of Shri Abhishek Srivastava) it was decided to constitute a committee consisting of Dean, AA, Prof. Rajeev Shringi and HOD (Architecture) to examine the matter | Implemented |


|  |  |  | and put up the recommendation before Chairman Senate. <br> For item No.15.15 (case of Shri Sahil Uppal) semesters withdrawal on medical ground was approved. Mr. Abhishek Srivastava is permitted to register in IX Semester to complete the Training requirements of 140 days. |  |
| :---: | :---: | :---: | :---: | :---: |
|  | 20-3.25 | To consider the minutes of the PG Board | It was decided to discuss the minutes of the PG Board held on June 08, 2011 in the next Senate meeting | Noted |
|  | 20-3.26 | To consider the replacement of Drawing Boards in Drawing classes with software such as Auto CAD (Computer based) | This matter will be looked into after the input of Chairman, Senate on "New Education Paradigms". Prof. A.P. S. Rathore was requested to coordinate the seminar | Yet not finalized, however a centre for design is being established. |
| 20-4.0 |  | REPORTING ITEMS |  |  |
|  | 20-4.1 | To report the shifting of open elective from III to II Semester of MBA programme | Noted |  |
|  | 20-4.2 | To report the increase in number of group/sections for tutorials and practical from 3 to 4 from II year onwards | The Senate approved the proposal |  |
|  | 20-4.3 | To report the increase in number of sections from 6 to 10 | The Senate approved the proposal. The Senate also was informed about the developments in the case of construction of Lecture Hall Complex. The complex had about 25 Lecture Halls. However Senators were unanimous in requesting for constructing a Lecture Hall Complex with at least 50 class rooms of sufficient capacity with all modern audio/video gadgets and other infrastructure facilities. The Chairman Senate was requested to approve a revised proposal in the BWC for a larger Lecture Hall Complex instead of a smaller capacity one as has been advertised. It was also felt that the Institute should have an auditorium of 2000 capacity with smaller conference halls for conducting programmes at the Institute/International level. Besides, there is shortage of faculty rooms and the departments need to be augmented at an earliest | The work is in progress and Dean (P\&D) is pursuing the same |
| 20-5.0 |  | ANY OTHER ITEMS WITH THE | PERMISSION OF THE CHAIR |  |
|  | 20-5.1 | To consider change of name of the Department of Architecture to Department of Architecture and Planning. | The Senate accepted the proposal. This should also be reported to the Board | Being placed in BoG in its meeting to be held on $10^{\text {th }}$ Dec. 2011. |
|  | 20-5.2 | To consider the program structure of Architecture | It was decided that the matter should be first discussed in the UG Board. Chairman Senate suggested that a workshop be organized and experts from outside institutions where such courses are being offered be invited. The case may then be put up before the UG Board for giving recommendations for the consideration of the Senate. | The structure is placed at Item No. 21-3.13 |


|  | 20-5.3 | To consider conversion of existing programme of M.Sc. in Mathematics to M.Sc. in Mathematics \& Scientific Computing | It was observed that proper route should be followed and the case was referred back to the PG Board. The committee already constituted under item No. 19.3.3 may also look into this issue. In addition, Dr. Ravindra Nagar and Shri Ashok Agarwal will also be the members of the committee for this issue. | Recommendation of committee is awaited |
| :---: | :---: | :---: | :---: | :---: |
|  | 20-5.4 | To consider the revised minimum eligibility requirement for self supported MBA (Tech. Management) programme. | The item is withdrawn | -- |
|  | 20-5.5 | To consider Check Point Scheme for UG Students | Approved in principle. However, the matter should be discussed first in detail in the Committee constituted under item No.19.3.1 and then in the UG Board | Item being considered separately at 21-3.5 |
|  | 20-5.6 | To consider the conversion formula from CGPA to equivalent percentage of marks | It was decided that we should also follow the guidelines available in this regard on the UGC/AICTE website and there is no need of a new formula to be invented. | Placed at reporting Item No. 21-4.5 |
|  | 20-5.7 | To consider the revised syllabus of courses of B.Tech. Electrical Engineering from 5th to $8^{\text {th }}$ Semesters. | The matter was agreed in principle and it was decided to go ahead with the revised syllabus. However, a comprehensive study of issue in a workshop would be desirable. If the overall scheme needs restructuring and modifications the matter should again be taken up. Feedback from others like Industry/ Alumni/ Collaborating Universities may also be sought | The current schemes are placed at Item No. 213.7 |
|  | 20-5.8 | To consider the constitution of Board of Under Graduate studies and Board of Post Graduate studies. | The HODs should provide the names of faculty members, if not already done. The Chairman Senate was authorized to approve the same on behalf of the Senate | Reconstitution of Boards is proposed in UG/PG and Ph.D. <br> Manuals placed at Item No. 21-3.4 and 21-3.5 |
|  | 20-5.9 | To consider the remuneration approved by the then Chairman of MNIT Jaipur, Prof. H. C. Pande for End-Term Examinations conducted at this Institute. | The Senate did not accept the item and it was decided to withdraw the item. | - |
|  | 20-5.10 | Installation of the statue of Founder Principal Prof. V. G. Garde in the Institute. | The Senate did not accept this item as it is a non-academic issue. | -- |
|  | 20-5.11 | To consider the approval of technical staff | The Chairman informed that in fact, all the departments are in need of technical staff. The qualifications of the technical staff should match with the recommendations of the Sarangi Committee, where the minimum qualification is diploma. The Senate members suggested that as per the Statutes the Director should exercise the power of Clause (8) under Section 17 of Statutes for recruiting on temporary basis for a period upto one year. Such a step will help in developing laboratories in the departments and also enhance quality | The implementation is under process |


|  |  |  | of education imparted by the Institute |  |
| :--- | :--- | :--- | :--- | :--- |
|  | $20-5.12$ | To consider for approval to the <br> proposed fee structure. | The Senate discussed the matter and <br> authorized the Chairman Senate to <br> approve the recommendations of the <br> Committee working on revision of fee <br> structure. | Revised fee structure <br> was implemented form <br> the session 2011-12 |
| $20-5.13$ | To consider the disposal of mid- <br> term and end-term answer <br> books. | The answer books of mid-term and <br> end-term shall be kept only for six <br> months after the examination with the <br> Dean Academics Office. Afterwards, <br> answers books will be disposed off by <br> proper mechanism by Dean AA office | Roadmap of all |  |
| It was finally decided to defer other <br> items and the same be taken up in the <br> next meeting of the Senate which will <br> be held shortly. Concluding the <br> meeting the Chairman asked the Heads <br> of Departments to prepare road map <br> for the departments for academic <br> improvements | be finalized |  |  |  |

## Item No.21-3.1 To consider the results of remaining final year UG, PG and Ph.D. students eligible for the award of degrees.

The list of eligible students/candidates for the award of B. Tech./ B. Arch./ M. Tech./ M.Plan./ M.Sc./ MBA/ Ph.D degrees. is placed at Annexure-B for kind consideration (will be placed on Table).

Item No.21-3.2 To consider the names of the students for award of Gold Medals in the respective $P G$ programmes.

List of $1^{\text {st }}$ position holders in respective programmes of PG are placed at Annexure-C for kind consideration (will be placed on Table).

Item No. 21-3.3 To consider the names of Alumni for conferring the Alumni awards in the $\boldsymbol{6}^{\text {th }}$ Convocation of the Institute.

The MNIT Jaipur Alumni Association have proposed the following names of Alumni of MNIT Jaipur:
(i) Er. (Dr.) Sushil Kumar Agarwal, Executive director, Power Grid Corporation of India Ltd.
(ii) Er. P. S. Bhargava, Executive Director, Bharat Petroleum Corporation Ltd.
(iii) Er. B. N. Saini, Director (Operation), Rajasthan Rajya Vidhut prasaran Nigam Ltd.
(iv) Er. Shyam Sunder Gupta, Divisional Railway Manager (Bikaner) North Western Railways

For confirming the alumni awards.
Item No. 21-3.4 To consider the report of the committee for revising UG Manual.
The Committee constitute in $20^{\text {th }}$ Senate Meeting of following members Dean, Academics Prof. Rohit Goyal, Prof. P. R. Soni, Prof. A. P. S. Rathore and Prof. M. S. Gaur have redrafted the Ordinances \& Regulations of PG/Ph.D. Programmes and renamed as Manual of PG Regulations was placed on Institute website for comments. Drafts along with comments would be discussed in faculty meeting on $5^{\text {th }}$ Dec. 2011. The final version of the draft would be placed before the senate for consideration and approval.

## Item No. 21-3.5 To consider the report of the committee for revising PG Manual.

The Committee constitute in $20^{\text {th }}$ Senate Meeting of following members Dean, Academics Prof. Rohit Goyal, Prof. P. R. Soni, Prof. A. P. S. Rathore and Prof. M. S. Gaur have redrafted the Ordinances \& Regulations of UG. Programmes and renamed as Manual of UG Regulations was placed on Institute website for consideration. Drafts along with comments received would be discussed in faculty meeting on $5^{\text {th }}$ Dec. 2011. The final version of the draft would be placed before the senate for consideration and approval.

Item No. 21-3.6 To consider the updated schemes of PG programmes.
The approved schemes of PG programmes with minor modification in the Course Code/LTP/Credit are placed at Annexure-D (will be placed on Table).

Item No. 21-3.7 To consider the updated schemes of $\boldsymbol{U G}$ programmes.
The approved schemes of UG programmes with minor modification in the Course Code/LTP/Credit are placed at Annexure-E (will be placed on Table).

Item No.21-3.8 To consider the proposal of Ph.D. assistantship/fellowship for Full
Time scholars under TEQIP Programme.
As there is provision in the TEQIP for research work. It is proposed that one Ph.D. assistant/fellowship for Full Time scholars in every engineering department may be awarded through TEQIP.

Item No. 21-3.9 To consider the HRA and Travel grants to Ph.D. scholars (as per letter dated 30-09-2010 from MHRD).

As per the MHRD letter No. 25-2/2010-TS.II dated 30-09-11
House Rent Allowance (HRA)-All research fellows may be provided hostel accommodation wherever available and those residing in accommodation provided by the Institute will not be eligible for drawing HRA. Wherever provision of hostel accommodation is not possible, HRA may be allowed to all the above categories viz., JRF, SRF as per Central Government norms applicable in the city/location where they are working. The fellowship amount may be taken as basic for calculating the HRA.
Leave and other entitlement benefits: The JRF/SRF are eligible only for casual leave. Participation of any of these categories (JRF/SRF) in any scientific event/workshops in India or Abroad will be treated as "on duty". The travel entitlement for JRF/SRF for participation is scientific events/workshops in India will continue to be the same as earlier i.e. $2^{\text {nd }} A C$ by rail.

Item No. 21-3.10 To consider the proposal of Ph.D. assistantship/fellowship for Full Time scholars in the Department of Management Studies Sciences and Humanities.

As per the MHRD Letter No. 25-2/2010-TS.II dated 30-09-2010 the students having Post Graduate degree in Management or Basic Sciences should have clear NET or GATE to be eligible for Junior Research/Senior Research Fellowship as the candidates applying in the Department of Management Sciences and Humanities do not have GATE/NET. It is proposed that the Institute Fellowship may be awarded in these Departments.

Item No. 21-3.11 To consider the attendance requirements of a student while he/ she goes on official order for training/project/other works within and outside the Institute.

The students were allowed to participate in any of the programmes organized by different organization/institutes or are officially present in other activities of the Institute during the class hours may be given attendance on specific dates subject to within $10 \%$ of the classes, provided prior intimation is received by the concerned teachers from the section.

## Item No. 21-3.12 To consider the appeal from Mr. Lohro Emeo of Computer Engg., Naveen Khajotia of ECE and Abhinav Kumar of Mechanical Engg. B. Tech. students.

All the above three students have been terminated from the Institute roles due to poor academic performance they have appeal to reconsider their admission.

## Item No. 21-3.13 To consider the minutes of UG Board.

(a) To consider revised proportion of programme electives and open electives after reducing one nos. of open elective in a UG programme The distribution proposed is $\mathbf{1 6}$ to $\mathbf{2 4}$ credits of open electives and $\mathbf{3 2}$ to $\mathbf{4 4}$ credits of programme electives and 66 to $\mathbf{8 2}$ for programme core in place of the present distribution of 20 to 32 credits of open electives and 32 to 40 credits of programme electives (UG ord. \& Reg.).
(b) To consider the proposal to change the structure of the Institute Core Course- Humanities and social sciences, Course code: HS 200)
In view of the increased intake and facility of teaching, the current L-T-P structure of 2-0-0 may be allowed to be changed to 1-1-0.
(c) To consider proposal of Department of Civil Engineering to float a new open elective Course on "Water Conservation \& Technology", (Course Code: CE 436), L-T-P structure of 2-1-0
(d) To consider remaining minutes of UG Board

Item No. 21-3.14 To consider the minutes of PG Board.
(a) To consider number of candidates a supervisor can have at a given time-it is proposed that the total number of student (instituted of counting slots) be EIGHT irrespective of how many joint supervisor are there.
(b) To consider the fee for thesis re-submission after revision- Nominal fee for thesis re-evaluation may be charged (while he/she would supposedly be allowed use of institute facilities) \& a fresh no-dues is required.
(c) To consider remaining minutes of PG Board

Item No. 21-3.15 To consider proposal submitted by Centre for Energy and Environment regarding eligibility condition for admission to Ph.D. programme in the Centre.

The Centre for Energy and Environment may be included as academic departments and consider in offering Ph.D. programme. It is also proposed
that till regular faculty members join at the centre, registration of maximum one Ph.D. candidates per faculty member be permitted through the Centre for Energy and Environment, over and above the limit of maximum four candidates per faculty member in their parent department. For each student getting registered with the Centre for Energy and Environment, there would be two supervisors coming from different departments of the Institute to promote interdisciplinary research

Item No. 21-3.16 To consider the case of PG student Mukesh Saini (ID 2008PST130) from Structural Engineering department regarding submission of M. Tech. Dissertation, case of which has already examined by duly constituted committee.

Item No. 21-3.17 To consider the scheme \& syllabus of Open Elective "Water Conservation Technology" of Civil Engg. Dept.

The scheme \& syllabus is placed at Annexure-F (will be placed on Table).
Item No. 21-3.18 To consider the eligibility criteria for M. Tech. programmes in Environmental Engg., Disaster Assessment and Mitigation, Chemical Engg., Metallurgical \& Materials Engg., Master of Planning (Urban Planning) and Energy Engg.

The proposed eligibility criteria in
Environmental Engineering: B.E./ B.Tech. in Civil/Chemical/ Environmental/ Biotechnology/Mechanical and Agricultural Engg.
Disaster Assessment and Mitigation: B. E./B.Tech. in Civil Engg./Chemical Engg./Environmental Engg./Agricultural Engg./B.Arch.
Chemical Engg.: B.E./B.Tech. (with Mathematics at 10-2 level) in Chemical Engg./Chemical Technology (Food Tech./Polymer Tech./Oil Tech./Paints Tech./Rubber Tech./Ceramic \& glass Tech. etc) Bio Chemical Engg., Biotechnology, Petroleum/Petrochemical Engg./Pulp \& Paper Engg./Environmental Engg., Energy Systems: OR M. Sc. (with Mathematics at B. Sc. Level) in Biotechnology/Biochemistry/ Chemistry/Environmental Sciences/Microbiology.
Metallurgical \& Materials Engg.: B.E./B.Tech. in Metallurgical Engg., Metallurgical \& Materials Engg./Mechanical Engg./Production Engg./Industrial Engg. \& Chemical Engg. M.Sc. in Physics/Material Science/Chemistry provided Mathematics was a subject at B.Sc. level.
Master of Planning (Urban Planning): Bachelors Degree in Architecture / Bachelors Degree in Civil Engg./Bachelors Degree in Planning or equivalent Energy Engg.: B.Tech./B.E. in Mechanical/Energy/Thermal/Automobile.

Item No. 21-3.19 To consider the scheme and syllabus of elective for M. Tech. students of the Department entitled RF ICs of Electronics \& Communication Engg. Dept.

The scheme \& syllabus is placed at Annexure-G.
Item No. 21-3.20 To consider the Travel grants for M. Tech. students.
Leave and Travel grants: The M. Tech. students are eligible for 22 days leave in an academic year as per the new proposed manual. It is proposed that
they may be allowed to participate in any scientific event/workshops in India will be treated as "on duty". The travel entitlement for participation is scientific events/workshops in India may be $3^{\text {rd }} \mathrm{AC}$ by rail.

21-.4.0 Reporting Items.
Item No. 21-4.1 To note the admissions of UG/PG and Ph.D. 2011-12
placed at Annexure-H.

Item No. 21-4.2 To note the Hindi names of Degree in MBA Technology Management and Metallurgical \& Materials Engg.
(will be placed on Table)

Item No. 21-4.3 To consider the degree format of MBA Technology Management.
Degree format is placed at Annexure-I (will be placed on Table)
Item No. 21-4.4 To note the Ph.D. admission Information Brochure for Session II (Even) Semester 2011-12 starting December 2011
a. Eligibility criteria of percentage
b. Qualifying Degree in the respective department
c. Major/minor specialization for research in respective department. placed at Annexure-J.

Item No. 21-4.5 To note the list of detained UG/PG and Ph.D. students due to shortage of attendance in the End Term Examination of I (Odd) Semester 2011-12.
placed at Annexure-K.

Item No. 21-4.6 To note the list of UG/PG and Ph.D. (detained) students allowed as per UG Regulations R.24.5(i). placed at Annexure-L.

Item No. 21-4.7 To note the UG students terminated for not complying R.15.2 are reported
placed at Annexure-M.
Item No. 21-4.8 To note the CGPA to percentage conversion formula to be adopted by our institute (as per approval by Senate in its 20th meeting)

1. CGPA to Percentage conversion formulae

- On 10-point scale,
equivalent - percantage $=\left[\frac{C G P A-0.5}{10}\right] \times 100 \%$
- On X-point scale,
equivalent - percantage $=\left[\frac{C G P A-5 \% \text { of } X}{X}\right] \times 100 \%$

2. Percentage to CGPA conversion formulae

Percentage to CGPA on X-point scale,

$$
\text { equivalent }- \text { CGPA }=\left[\frac{p \text { Percentage marks }+5}{100}\right] \times X
$$

Item No. 21-4.9 To note the academic calendar of institute for I (Odd) Semester 2011-12 and year 2012 (both semesters) placed at Annexure-O.

21-.5.0 Any other items with the permission of the Chair.

## ANNEXURES

| Annexure | Page(s) |
| :---: | :---: |
| Annexure-B (Item No. 21-3.1) | B-1 to B-15 |
| Annexure-D (Item No. 21-3.6) | D-1 to D-24 |
| Annexure-E (Item No. 21-3.7) | E-1 to E-31 |
| Annexure-F (Item No. 21-3.17) | F (will be placed on table) |
| Annexure-I (Item No. 21-4.3) | I-1 |

