

NATIONAL INSTITUTE OF TECHNOLOGY TIRUCHIRAPPALLI – 15

Minutes of 31st Senate Meeting of the National Institute of Technology, Tiruchirappalli held in the A12 Hall from 2.30 pm onwards on 14-07-2015

The following members were present in the meeting:

| 1. | Dr. Sundarrajan S | Chairman-Senate |
|-----|--------------------------|-----------------|
| 2. | Dr. Ammasai Gounden N | Member |
| 3. | Dr. Anantharaman N. | Member |
| 4. | Dr. Asokan P. | Member |
| 5. | Dr. Arul Daniel S. | Member |
| 6. | Dr. Cindrella, L | Member |
| 7. | Dr. Dhanalakshmi K | Special Invitee |
| 8. | Dr. Deivamoney Selvam D. | Member |
| 9. | Dr. Duraiselvam M | Member |
| 10. | Dr. Gopalan N.P. | Member |
| 1 1 | D 01 1 - | |

11. Dr. Chander Bose A

12. Mr. Gururaj R.

13. Dr. Jayabalan P.

Representing HOD (Physics)

Member

Member

13. Dr. Jayabalan P.

14. Dr. Jeyapaul R.

15. Dr. Krishnan, P A

16. Dr. Kumanan S

17. Dr. Kannabiran G.

Member

Member

17. Dr. Kannabiran G.

18. Dr. Moses Santhakumar S

19. Dr. Meenakshi Sundaram C.

20. Dr. Murugesan

21. Dr. Natarajan C

22. Dr. Nagamani C

Member

21. Dr. Natarajan C

22. Dr. Nagamani C.

23. Dr. Noorul Haq, A

Member

24. Dr. Punniyamoorthy M.

Member

25. Dr. Palanisamy P.

Special Invitee

26. Dr. Ponalagusamy R
27. Dr. Perumalsamy M.
28. Dr. Raghavan S.
29. Prof. Ramprasad V.

Special Invitee
Member
Member
Member

30. Dr. Radhakrishnan T.K.

Member
31. Dr. Ramadoss B.

Member
32. Dr. Swaminathan G.

Member
33. Dr. Srinivas Tadepalli

Member

34. Dr. Sirinivas radepaili

34. Dr. Sivashanmugam, P.

35. Dr. Sarat Chandra Babu J

36. Dr. Samson Mathew

37. Dr. Selvakumar S

Member

Member

37. Dr. Selvakumar S

38. Dr. Sundareswaran K.

Member

39. Dr. Sriramkumar D.

Member

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| 40. Dr. Sankaranarayanasamy K | Member |
|-------------------------------|-----------------|
| 41. Dr. Sarangan J | Member |
| 42. Dr. Selvaraj T | Member |
| 43. Dr. Sastikumar D | Member |
| 44. Dr. Sivakumaran N. | Member |
| 45. Dr. Sivakumar V.J. | Member |
| 46. Dr. Subbaiyan G | Member |
| 47. Mr. Jayasankar R. | Member |
| 48. Dr. Venkataramani B. | Member |
| 49. Dr. Venkatesa Prabhu G. | Member |
| 50. Dr. Viswanathan Iyer K. | Member |
| 51. Dr. Vadivel A. | Member |
| 52. Dr. Kumaresh Babu S.P. | Member |
| 53. Dr. Karvembu R. | Special Invitee |
| 54. Dr. Raja P. | Special Invitee |
| 55. Dr. Kumaresan N. | Special Invitee |

The following members could not attend the meeting:

| 1. Dr. V.Jagadeeshkumar | External Member |
|-----------------------------------|-----------------|
| 2. Dr. Malathy Duraisamy | External Member |
| 3. Dr. Ashoka G.Samuelson | External Member |
| 4. Dr. Bakthavatsalam A.K. | Member |
| 5. Dr. Janakiraman T.N. | Member |
| 6. Dr. Muthupandi V. | Member |
| 7. Dr. Narayanasamy R. | Member |
| 8. Dr. Nallasamy R. | Member |
| 9. Dr. (Mrs) Premalatha M. | Member |
| 10. Dr. Raman Sankaranarayanan S. | Member |
| 11. Dr. Suthakar T. | Member |
| 12. Dr. Shanmugam S. | Member |
| 13. Dr. Umapathy M. | Member |
| 14. Dr. Udayakumar M. | Member |
| 15. Dr. Venkatasamy Reddy | Member |
| | |

Dr. S. Natarajan expressed his inability to attend the meeting.

The Chairman-Senate welcomed the members of the Senate. After the welcome address, discussions were initiated item wise.

1. To confirm the Minutes of the 30th Senate Meeting held on 11.11.2014 & 14.11.2014

This agenda item was taken as the last item owing to the need for time to deliberate important agenda items viz. Flexibility in academic process. Dr. S. Kumanan, Prof./PE read out his dissent note for the minutes. The Chairman, Senate informed the senate that there was no exaggeration in recording of the behaviour of Dr. S. Kumanan in the minutes of the 30th senate. Further, no other member approved the dissent and the dissent note of Dr. S. Kumanan is rejected.

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During the discussion, Dr. C. Natarajan raised the issue of permitting mandatory classes for the students before the semester examinations. The Chairman-Senate explained the situation in which the mandatory classes have been conducted before the semester examinations of May 2015. It is stated in the regulations that the mandatory minimum attendance for appearing the semester examination is 75% in each subject. Students whose attendance falls below 75% but above 50% in a subject have to attend mandatory classes to compensate for the shortage. These classes are generally conducted after the semester examinations. In the academic session January to May, 2015, the final year B.Tech. students (as per the following details) were found to have shortage of attendance and were recommended for prevention from appearing semester examinations:

- 1. 65 Students of B.Tech (Mechanical Engg.) in Management Principles and Concepts (HM-402) paper.
- 2. 103 Students of B.Tech (Electronics & Communication Engg.) in Management Concepts and Practices (MB-790) paper.

Since an alarming number of students from the Final Year B.Tech. Programme (i.e. 65+103=168) have been recommended for prevention, a meeting of the Heads of Departments was convened on 24.04.2015 in the Senate Hall and a decision to conduct mandatory classes for all the courses have been taken to enable the students who are recommended for prevention, to appear for semester examinations. Accordingly, mandatory classes were held from 25th to 29th April, 2015 and the students who attended classes to compensate the shortage of attendance were permitted to appear for the semester examinations. The successful students are receiving degrees in the forthcoming convocation on August 22, 2015.

The Chairman also mentioned that most of the students have been placed in reputed companies/admitted in leading Universities abroad. In view of the seriousness of situation and considering the future of the students, decision was taken to conduct classes before examinations. It should also be noted that the whole exercise was conducted by the HODs and the prevention list was updated only with the endorsement of the HODs concerned. In order to ensure uniformity, the above mandatory classes were extended for other classes also.

The Senate ratified the decision of Chairman-Senate for conducting the mandatory classes before the semester examination of May 2015.

Dr. S. Kumanan and Dr. C. Natarajan staged a walkout and were not present when 'any other item' was taken up for discussion.

2. To ratify the award of degrees to M.S/Ph.D Candidates who have successfully completed the requirements of the degree.

The senate ratifies the award of provisional degrees to the list of M.S. and Ph.D. candidates as presented in Annexure II of the Agenda and notes and the supplementary list.

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The award of degrees to UG/PG/MS and Ph.D students and medal winners in the 11th Convocation scheduled on 22nd August 2015 was discussed in the 31st Senate Meeting and the Chairman-Senate was authorized by the Senate to approve the degrees and medals to the graduands. The distribution of the degrees to be awarded and the medal winners as approved by the Chairman, subsequent to the senate meeting is as given below:

No. of Graduands in each Programme (11th Convocation)

Degree: BACHELOR OF ARCHITECTURE

| COURSE | SPECIALIZATION | TOTAL |
|---------|----------------|-------|
| B.Arch. | Architecture | 47 |

Degree: BACHELOR OF TECHNOLOGY

| COURSE | SPECIALIZATION | TOTAL |
|--------|---|-------|
| B.Tech | Chemical Engineering | 66 |
| B.Tech | Civil Engineering | 88 |
| B.Tech | Computer Science and Engineering | 105 |
| B.Tech | Electrical and Electronics Engineering | 104 |
| B.Tech | Electronics and Communication Engineering | 105 |
| B.Tech | Instrumentation and Control Engineering | 92 |
| B.Tech | Mechanical Engineering | 99 |
| B.Tech | Metallurgical and Materials Engineering | 57 |
| B.Tech | Production Engineering | 88 |
| | TOTAL | 804 |

Degree: MASTER OF TECHNOLOGY

| COURSE | SPECIALIZATION | TOTAL |
|--------|---|-------|
| M.Tech | Energy Engineering | 23 |
| M.Tech | Chemical Engineering | 23 |
| M.Tech | Process Control and Instrumentation | 19 |
| M.Tech | Environmental Engineering | 25 |
| M.Tech | Structural Engineering | 25 |
| M.Tech | Transportation Engineering and Management | 29 |
| M.Tech | Computer Science and Engineering | 29 |
| M.Tech | Power Electronics | 25 |
| M.Tech | Power Systems | 26 |
| M.Tech | Communication Systems | 28 |
| M.Tech | VLSI System | 20 |
| M.Tech | Industrial Safety Engineering | 23 |
| M.Tech | Thermal Power Engineering | 25 |
| M.Tech | Welding Engineering | 23 |
| M.Tech | Material Science and Engineering | 16 |
| M.Tech | Industrial Metallurgy | 12 |
| M.Tech | Manufacturing Technology | 22 |
| M.Tech | Industrial Engineering and Management | 25 |
| M.Tech | Non-Destructive Testing | 26 |
| | TOTAL | 444 |

Degree: MASTER OF SCIENCE

| COURSE | SPECIALIZATION | TOTAL |
|--------|----------------|-------|
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| M.Sc | Operations Research and Computer Applications | 22 |
|------|---|----|
| M.Sc | Physics | 27 |
| M.Sc | Chemistry | 27 |
| | TOTAL | 76 |

| COURSE | SPECIALIZATION | TOTAL |
|--------|------------------------------------|-------|
| | Masters of Business Administration | 67 |

| COURSE | SPECIALIZATION | TOTAL |
|--------|---------------------------------|-------|
| - | Master of Computer Applications | 88 |

Research Programmes

| COURSE | M.S. (by Research) | 30 |
|--------|--------------------|----|
| | Ph.D | 82 |

Grand Total = 1638

<u>List of Gold Medal Winners (11th Convocation)</u> **President Medal** (Overall Highest CGPA in B.Tech.)

Metallurgical and Materials Engineering 112111009 APOORVA SARAF CGPA 9.76

The Institute Medal 2015 for overall highest CGPA in B.Tech. and B.Arch.

| Department | Roll No. | Name | C.G.P.A |
|---|-----------|------------------|---------|
| Chemical Engineering | 102111008 | ANIRUDH RAJARAM | 9.68 |
| Civil Engineering | 103111057 | PIYUSH AGARWAL | 9.6 |
| Computer Science and Engineering | 106111007 | AKSHAY UTTAMANI | 9.64 |
| Electrical and Electronics Engineering | 107111029 | D SUZITH | 9.73 |
| Electronics and Communication Engineering | 108111102 | VIKAS SAKARAY | 9.7 |
| Instrumentation and Control Engineering | 110111064 | RAHUL SRIVASTAVA | 9.67 |
| Mechanical Engineering | 111111006 | ADYASHA DASH | 9.53 |
| Metallurgical and Materials Engineering | 112111009 | APOORVA SARAF | 9.76 |
| Production Engineering | 114111047 | NACHIAPPAN V | 9.71 |
| Architecture | 101110018 | MONICA S | 9.45 |

The Institute Medal 2015 for the overall Highest CGPA in M.Tech.

| Specialization | Roll No. | Name | C.G.P.A | |
|---|-----------|--------------------------|---------|--|
| Chemical Engineering | 202113012 | TUSHANT GHODE | 9.67 | |
| Process Control and Instrumentation | 202213018 | VIVEK A | 9.56 | |
| Energy Engineering | 202313003 | REMYA G | 9.88 | |
| Computer Science and Engineering | 206113004 | VIDYA T | 9.95 | |
| Transportation Engineering and Management | 203113004 | KARTHIK K R | 9.27 | |
| Structural Engineering | 203213023 | POTHULA SATYANARAYANA | 8.82 | |
| Environmental Engineering | 203413022 | DHIVYA S | 9.18 | |
| Communication Systems | 208113003 | P SRIRAM | 9.71 | |
| VLSI System | 208213010 | SHAH VIRAG HARESHKUMAR | 9.48 | |
| Power Systems | 207113008 | ARAVIND RAJ A | 9.71 | |
| Power Electronics | 207213028 | HASANAPURAM PRIYANKA | 9.24 | |

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| Thermal Power Engineering | 211313029 | VEEPURU BHARGAVI | 9.56 |
|---------------------------------------|-----------|---------------------|------|
| Industrial Safety Engineering | 211213025 | SURAJ VERMA | 9.67 |
| Welding Engineering | 212113010 | MORE SACHIN ASHRUBA | 9.94 |
| Materials Science and Engineering | 212213004 | JITHIN THOMAS K | 9.38 |
| Non-Destructive Testing | 213113027 | ANISH CHANDRAN | 9.52 |
| Manufacturing Technology | 214113023 | RISHABH SHRIVASTAVA | 9.32 |
| Industrial Engineering and Management | 214213027 | RAMYA C | 9.29 |
| Industrial Metallurgy | 212313005 | NUTAN NIHARIKA | 9.34 |

The Institute Medal 2015 for the overall Highest CGPA in M.Sc.

| Chemistry | Chemistry | 204113001 | SWAMINATHAN SRIVIDYA | 9.12 |
|-----------------------|---|-----------|----------------------|------|
| Computer Applications | Operations Research and Computer Applications | 216113011 | GAYATHRI N | 9.6 |
| Physics | Physics | 213213006 | V M M SAIPAVITRA | 9.72 |

The Institute Medal 2015 for the overall Highest CGPA in MCA

| Computer Applications | 205112037 | UTSAV CHATTERJEE | 9.49 |
|-----------------------|-----------|------------------|------|

The Institute Medal 2015 for the overall Highest CGPA in MBA

| Management Studies | 215113009 | BHATTARAM SAI DEEPIKA | 9.37 |
|--------------------|-----------|-----------------------|------|
| | | | |

3. Results of UG & PG courses in the even semester 2014-15.

The published results of even semester UG and PG courses 2014-15 as approved by the respective PAC are ratified.

4. Flexible content delivery and evaluation

The Senate approves the introduction of Flexible content delivery and Evaluation in the Institution. The flexible mode shall be in operation from the academic year 2015-16 for the first year students of all programmes (both UG and PG). Departments should critically scrutiny the course plan of each subject in its Faculty meeting/BoS and approve the same. The course plan thus approved shall be endorsed by the respective Class Committee chairperson and HoD and sent to the Academic Office for final approval.

The template to be filled up by the faculty members adopting the flexible mode (as drawn by the senate sub-committee) and was given in Annexure III of agenda book is approved. Course plans given by few faculty members for higher semesters are also approved. It was decided to allow the regular faculty members to implement their course plan for higher semesters and their experience is to be studied. The senate shall review the flexible mode based on the feedback given by the faculty members and students.

5. Flexible curriculum

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The structure of the flexible curriculum is drawn after consultation with the HoDs by the senate sub-committee for academic reforms. Dr.T.K.Radhakrishnan, Professor of Chemical Engineering presented the features of the flexible curriculum for B.Tech. Programmes. The senate approves the new flexible choice based curriculum. Heads of Departments were requested to draw the curriculum and syllabus for their B.Tech. programme based on the new curriculum structure. Further, courses for *minors* to be offered by all the departments were also to be worked out by the respective Heads of the Departments. The structure of the flexible curriculum is presented below:

I. General Institute Requirements (GIR)

| Sl.No. | Name of the course | Number of courses | Max. Credits |
|--------|---|-------------------------------|--------------|
| 1 | Mathematics | 4 | 12 |
| 2 | Physics* | 2 | 7 |
| 3 | Chemistry* | 2 | 7 |
| 4 | Humanities | 1 | 3 |
| 5 | Communication | 2 | 6 |
| 6 | Energy & Environmental | 1 | 2 |
| | Engineering | 8 | |
| 7 | Professional Ethics | 1 | 3 |
| 8 | Engineering Graphics | 1 | 3 |
| 9 | Engineering Practice | 1 | 2 |
| 10 | Basic Engineering | 2 | 4 |
| 11 | Introduction to computer Programming* | 1 | 3 |
| 12 | Branch Specific Course (Introduction to the Brach of study)** | 1 | 1 |
| 13 | Summer Internship | 1 | 2 |
| 14 | Project work | 1 | 6 |
| 15 | Comprehensive, viva | 1 | 3 |
| 16 | Industrial Lecture | 11 | 1 |
| 17 | NSS/NCC/NSC | | 0 |
| | Total | 17 (excluding <i>Italic</i>) | 48+17=65 |

^{*-} including Lab

II. Programme Core (PC)

Range of number of core courses: 16 - 20

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^{**-} will be completed during Orientation Programme

Range of credits: 56-65

III. Elective Courses:

Range of number of electives: 10-15

Range of credits: 30-50

- a. Programme Electives (PE) (Major) at least 3 courses
- b. Open Electives (OE) + minor minimum 50% should be permitted to a student, if desired.
- c. Minor 5 courses

IV. Essential Programme Laboratory Requirement (ELR): 10 - 16

Total Credits: 175 to 180

- The maximum number of theory courses in a session is 6 up to II year
- From III year onwards 7 theory courses
- Maximum number of ELR is 2 per session.
- · Regulations for B.Tech.(Honours) remains same

The minutes of the Board of Studies for first year B.Tech. 2015-16 based on the flexible curriculum as presented by Dr.D.Deivamoneyselvam, Professor of Mathematics and Chairman, First year B.Tech. BoS is approved. It is suggested to increase the credit for the Branch Specific Course (Introduction to the Brach of study) from one credit to two credits.

6. Report of the Conclave on Academic Reforms

The organising secretaries Dr.N.Kumaresan and Dr.R. Karvembu presented the report on "Conclave on Academic Reforms 2015". The senate records its appreciation for the excellent conduct of the conclave and thanked the organising and technical team of the Conclave.

7. Request of faculty for Senáte's Consideration

a. To consider the request of Prof. K. Sankaranarayanasamy to offer a global elective, ME463 Advanced Engineering Materials for Mechanical, Production and Materials & Metallurgy final year B.Tech. students. The course will be handled by Prof. Prabhakaran Ramamurthy, Professor Eminence, Old Dominion University, Virginia, USA via live Video mode. A remuneration of \$100 per session is recommended.

Approved

b. To consider the request of Dr.M.Ashok to convert two elective courses listed in the curriculum of M.Tech. (NDT) as core courses for the purpose of course work requirements of a M.S. (By Research) scholar (Mr.S.Adalarasu-313913051). GTC of the scholar has recommended to undergo these courses.

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c. To consider the request of Dr. T. Ramesh to permit his Ph.D scholar Mr. K. S. Kishor Bharadwaj (411114053) to undergo a course work on 'Topology optimization' in IISc under Prof.G.K. Ananthasuresh of Mechanical Engineering. The evaluation procedure shall be followed as per the M.Tech. Regulations. This request has the recommendation of the DC.

Approved

8. Students' Representations for Senate's Consideration

a. To ratify the approval of Chairman-Senate on the request of a IVth Semester B.Tech. Civil Engineering student, Ms.M.Manisha (103113058) to complete her IIIrd Semester courses during the summer vacation of 2015.

Ratified

b. To consider the request of Mr. Sujith Anand (MT10528) to complete his B.Tech. (MME) programme. His maximum period of 8 years to complete the programme ended in May 2013.

Rejected

c. To ratify the approval of Chairman-Senate on the request of passed out students to complete their redo courses through summer term. The list is enclosed as Annexure-XI in the agenda.

Ratified

9. To approve the directed study courses for Ph.D course works

The Senate approves the following directed study courses as suggested by the respected DC.

| S.No. | Department | Course |
|-------|--|--|
| 1. | Civil Engineering | Coastal and Offshore Structures |
| 2. | Computer Science & Engineering | Mathematical Foundations of Algebraic Graph Theory |
| 3. | Electrical and Electronics Engineering | Smart Grid and Wide Area Measurements |

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|-------|-----|---|---|
| | 4. | Electronics and | 1. Optical Wireless Communication |
| | | Communications Engineering | 2. On-chip Antenna Design |
| | | | 3. Low Power Biomedical Communication |
| | | 9 | 4. Cognitive Radio System |
| to to | | | 5. Radar Signal Processing |
| | | a a | 6. Advanced 3G and 4G Wireless Mobile |
| | | | Communications – Video Course (NPTEL) |
| | | , | 7. MIMO-OFDM Systems |
| | | × - | 8. Applied Photonics |
| | | | 9. Image Processing with Video Surveillance |
| | | | 10. Bio-Medical CMOS ICs |
| | | | 11. Embedded System Design |
| - | | | 12. Intelligent Surveillance Systems |
| | 5. | Energy and Environmental Engineering | Solar Power Plant-Components and Design |
| | 6. | Mechanical Engineering | Nanocomposites |
| | 7. | Chemistry | Solar Selective Surfaces and their |
| 150 | | PAROSE BEACHER TO THE TENER OF | characteristics |
| | 8. | Metallurgical and Materials Engineering | Processing of Aluminium Alloys |
| | 9. | Management Studies | MSME – Growth and Development |
| | | | 2. Business Process Re-Engineering |
| | | | 3. Women's Studies |
| | 10. | Physics | Nanostructured Materials and Applications |
| | | · Y | 2. Multifunctional Materials |
| | | | 3. Carbon Nanomaterial's and their |
| | | | Applications |
| | 11. | Instrumentation and Control | Intelligent Structural Systems |
| | | Engineering | |
| | | | |

10. To consider the minor modification in the M.Tech. regulations

The senate approves the inclusion of the following rule in the existing M.Tech. Regulations:

M. 6.2 d. M.Tech. students who wish to pursue their Project work as intern in an industry should do so at the beginning of the academic year and should report for all the reviews as scheduled by the concern Department. They should also submit their reports as per Institute regulations in force. No stipend will be paid during the period of attachment with the industry.

11. To consider and approve the curriculum and syllabus of M.Tech. (Power Electronics) and M.Tech. (Power Systems)

a. The changes as presented by Dr.K.Sundareswaran, HoD/EEE is approved.

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- b. The curriculum of M.Tech. (Manufacturing Technology) and M.Tech. (Industrial Engineering & Management) as presented by Dr.M.Duraiselvam, HOD/Production is approved with minor modifications.
- 12. To ratify the approval of Chairman-Senate on the request of HOD/Physics to amend the changes in the eligibility criteria for admission to Ph.D programme of the department of Physics.

The following change in the eligibility criteria for admission to Ph.D. programme in Physics Department is ratified.

Master's degree in Physics/Applied Physics/Material Science/Applied Electronics with a minimum of 60% aggregate marks or equivalent CGPA of 6.5/10 with a valid GATE/UGC/CSIR/NET score for OC/OBC category and 55% aggregate marks or equivalent CGPA of 6.0/10 for SC/ST/PH candidates with a valid GATE/UGC/CSIR/NET score.

(or)

M.Tech. in Non Destructive Testing with a minimum of 60% aggregate marks or equivalent CGPA of 6.5/10 for OC/OBC category and 55% aggregate marks or equivalent CGPA OF 6.0/10 for SC/ST/PH candidates.

13. To consider the revision of period of stipend for Ph.D scholars

In the pre-revised regulation, science stream scholars were given fellowship for a maximum period of 5 years and engineering stream scholars were given a maximum period of 4 years. The MHRD has revised the fellowship and devised a uniform fellowship for science and engineering streams. Fellowship for 5 years uniformly for all streams(Engineering, Science and Humanities) of Ph.D. Scholars as followed in IIT Madras and IIT Bombay is approved.

14. Any other item with the approval of the Chairman.

a. To ratify the approval of Chairman-Senate on the request of Dr.G. Ganapathy M.D., F.C.C.P (USA) to relax the mandatory condition of possessing first class (60%) in UG & PG degrees for admission into Ph.D programme of NITT. The Senate in its 29th meeting has approved the candidate for Ph.D admission.

Ratified

b. To consider the request of J. Maya, Temporary faculty of MME department to register for Ph.D programme at NITT under part time (on campus) category with the department of MME. The Senate, in its 30th meeting has approved this provision only for Architecture Department.

Rejected

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c. To consider the request of Ms. H. G. Rashmi (307113001), MS Scholar, Department of EEE to convert her M.S. registration from full time to part time as he has joined as a Probationary Engineer at Bharat Electronics Limited.

The recommendations of GTC is sought

d. Formation of senate sub-committee on academic reforms - for the information of the senate.

Noted

e. To consider the request of Mr. Ashok, M (403113004), Ph.D Research Scholar, Department of Civil Engineering to convert his Ph.D registration from full time to part time as he has joined as a Junior Engineer at Military Engineering Services (JE-MES).

The recommendations of DC is sought

- f. The senate authorizes the Chairman, Senate to sanction Taxi fare for Ph.D. viva voce examiners and academic auditors for travel within 500 kms(one way) on a case to case basis.
- g. To consider the request of Dr.A.Vadivel, HOD/Computer Applications to conduct special supplementary examinations for three M.Sc. (OR & CA) students.

Approved

- h. MoU signed with Indian Institute of Technology Madras has been ratified.
- i. Dr. Sarat Chandra Babu, HOD/Chemical elaborated about having an off-campus of NITT at Hyderabad and to encompass academic collaboration with Dr. Vishnu Raju, Alumnus of NITT and industrialist. He also proposed to have a MoU with BVRIT, Hyderabad to offer certificate based courses through online mode.

The Senate in principle agreed to offer certificate based courses only.

j. The HOD/Architecture represented that in the even semester of the academic year 2014-15, three students namely Shri. Amit Kumar (101108026), Shri. Pynshishalang Tymthai (101110013), and Shri. P.Bharath (10111034) of X semester B.Arch. secured less than 50% in the continuous assessment in the subject AR506 DISSERTATION and they were not permitted to appear in the final viva-voce examination as per B.Arch. regulations. These students gave a representation asking for another special internal review and supplementary external review.

The following was approved in the senate meeting:

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- i. Students secured less than 50% in the continuous assessment shall be given one more opportunity to improve their internal marks by conducting one special review.
- ii. If a candidate secures 50% in the continuous assessment after the special review, he/she shall be allowed for supplementary viva-voce examination. If a candidate fails to secure a minimum of 50% in the continuous assessment even after the special review, he/she shall not be allowed to appear for the supplementary viva-voce examination and he/she shall register for dissertation when in session next and attend reviews of continuous assessment as in the case of a regular candidate.
- k. The HOD/CSE suggested to have the evaluation of Industrial Internship course, offered in the second semester of M.Tech. (Computer Science and Engineering) in their third semester.
- The request of Dr.N.Sivakumaran, Associate Professor, ICE to have Dr.K.Radhakrishnan, Former Director, Retd. Professor and Head of Neurology, SCTIMST, Trivandrum, Currently Professor and Head of Neurology, Kasturba Medical College, Manipal as co-guide for the research scholar Mr.E.Sathish (Roll No. 410112003). The Doctoral committee has recommended for induction of Co-Guide.

As approved in the 25th Senate Meeting (item 10 (ii), (iii)), nomenclature for such member is EXTERNAL GUIDE

m. The HOD/ICE requested to include HM 711 Technical Communication as an elective subject for M.Tech. (Process Control and Instrumentation) programme and the same has been approved in their BoS meeting.

Approved

n. To consider the representation of Chairman, CECASE as moved by the HOD/MME to consider 17 subjects as approved in the BoS of M.Tech. Industrial Metallurgy to be offered as course works for the students admitted in CECASE.

As discussed in the Senate subcommittee meeting held on 13-12-2013, the course works have to be prescribed by the respective GTCs and subsequently, the subjects shall be approved from BoS of the respective Guide's department and then by senate.

Prof. G. Swaminathan Member-Secretary Prof. S. Sundarrajan Director & Chairman, Senate

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