



NATIONAL INSTITUTE OF TECHNOLOGY: TIRUCHIRAPPALLI – 15

Minutes of the 29th Senate Meeting of the National Institute of Technology, Tiruchirappalli held in the A-11 Hall at 2.00 PM onwards on 21.07.2014

The following members were present:

1. Prof. 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.Chandra Bose A	Member
7. Dr.Deivamoney Selvam D.	Member
8. Dr.Jayabalan P.	Member
9. Dr.Janakiraman T.N	Member
10. Dr.Kannabiran G	Member
11. Dr.Kumanan S	Member
12. Dr.Krishnan P.A	Member
13. Dr.Kumaresan, N	Member
14. Dr.Karvembu R	Member
15. Dr.Meenakshisundaram C	Member
16. Dr.Moses Santhakumar S	Member
17. Dr.(Mrs.)Nagamani C	Member
18. Dr.Nallaswamy R	Member
19. Dr.Natarajan S	Member
20. Dr.Noorul Haq.A	Member
21. Dr.Nickolas S.	Member
22. Dr.Ponalagusamy R	Member
23. Dr.Pandey K.S	Member
24. Dr.Punniamoorthy M.	Member
25. Dr.Radhakrishnan T.K	Member
26. Dr.Raghavan S	Member
27. Dr.Ramadoss B.	Member
28. Prof.Ramprasad V	Member
29. Dr.Raman Sankaranarayanan	Member
30. Dr.Sankaranarayanamy K	Member
31. Dr.Sarangan J	Member
32. Dr.Sastikumar D	Member
33. Dr.Selvaraj T	Member
34. Dr.Shanmugam S	Member
35. Dr.Sundareswaran K.	Member
36. Dr.Samson Mathew	Member
37. Dr.Sarat Chandra Babu J	Member



38. Dr.B.Malarkodi	for HOD/ECE
39. Dr.Subbaiyan G	Member
40. Dr.Sivakumaran N.	Member
41. Dr.V.J.Sivakumar	Member
42. Dr.Swaminathan G	Secretary-Senate
43. Dr.T.Suthakar	Member
44. Dr.Udayakumar M	Member
45. Dr.Viswanathan Iyer K.	Member
46. Dr.Venkatesa Prabhu G.	Member
47. Dr.R.Leela Velusamy	For HOD/CSE
48. Dr.Jeyapaul R	Special Invitee
49. Dr.Palanisamy R	Special Invitee
50. Dr.M.Perumalsamy	Special Invitee
51. Dr.Pakkirisamy V	Special Invitee
52. Dr.Gopalakrishnan N	Special Invitee
53. Dr.Goldin R.Bennet	Special Invitee

The following members could not attend the meeting :

1. Dr.V.Jagadeeshkumar	External Member
2. Dr.Malathi Duraisamy	External Member
3. Dr.Ashoka G.Samuelson	External Member
4. Dr.Bakthavatsalam A.K	Member
5. Dr.Cindrella L.	Member
6. Dr.N.P.Gopalan	Member
7. Dr.Muthupandi V	Member
8. Dr.Murugesan K	Member
9. Dr.Narayanasamy R	Member
10. Dr.Natarajan C	Member
11. Dr.Sivashanmugam P	Member
12. Dr.Srinivas Tadepalli	Member
13. Dr.Umapathy M.	Member
14. Dr.Venkatasamy Reddy A	Member
15. Dr.Venkataramani B	Member
16. Dr.(Mrs.)Dhanalakshmi G.	Special Invitee

Senate Decisions resulting out of Chairman's address:

The Chairman Senate welcomed the members to the 29th Senate meeting. He thanked all the members for the successful conduct of the golden jubilee celebrations of this institute.

Then, he expressed his concern over the difficulty faced by few students in frequently appearing for supplementary examinations even after the completion of four years.



Further, some students have learning difficulties in certain courses and are not able to successfully complete them even after repeated attempts. As per the guidelines of TEQIP, the institute is not supposed to hold any students after their period of study for a long time. The Chairman sought the opinion of the members.

The following suggestions were put forward by the members;

- I. Special supplementary examinations to be conducted by different faculty members.
- II. Students to be given mentoring by faculty members in difficult subjects
- III. Conditional Pass subject to Possessing critical level of CGPA
- IV. One Time assessment system. Declare the candidate to have passed with linear grading.
- V. There shall be no supplementary examinations. Linear grading system(grade points will be from 0 to 10) shown below to be followed. Formative assessment procedure needs to be introduced for weak students.

Less than	<20	F	0
MORE THAN	20	E	2
	30	D	4
	40	C	5
	50	C+	6
	60	B	7
	70	B+	8
	80	A	9
	90	A+	10

The members felt the need for immediate action to provide the necessary reprieve to students who could not pass in their first attempt and thereby losing their opportunity to get their degrees along with their batch mates. Hence, as a short-term measure the Senate unanimously authorized the Academic Office to conduct special supplementary examinations, so as to enable eligible students to get their degrees in the ensuing Convocation scheduled on 2nd August 2014 (option I as a short-term measure).

As a long term measure, in consideration of the deficiencies in the (a) supplementary examination system and (b) difficulty faced by students to rejoin the courses in which they have failed (REDO scheme) and the resultant extension of stay on campus in both the options, the Senate unanimously approved the fifth option above. Henceforth, there shall be no



supplementary examinations and formative assessment for academically weak students shall be introduced. However, since relative grading is followed in the Institution, the Chairman decided to form a committee with the following members to adapt the grading given in option V above for NITT;

- i. Dr. S. Selvakumar, Professor, CSE – Convener
- ii. Dr. S. Moses Santhakumar, Professor, CE – Member
- iii. Dr. G. Swaminathan, Professor, CE – Member
- iv. Dr. S. Arul Daniel, Professor, EEE - Member

The Senate authorizes the Chairman to approve the recommendations of the above committee and the adapted option V shall have immediate effect for all the batches of the B.Tech. programmes. However, existing regulations shall prevail for all other programmes.

A special committee will be constituted to look into any issues arising out of the revised system and recommend action on case to case basis.

The Chairman Senate informed the members of the Senate about the suicide attempt by one of the students. He also informed the Senate that a committee would be constituted as per the first statutes of NITs under Section 8 (v & vi) to look into the issue.

The Chairman Senate conveyed to the members, the need for amalgamation of allied departments into larger departments. The proposed groups of combined departments are as follows

- i. *Electronics and Communication Engineering, Electrical and Electronics Engineering, Instrumentation and Control Engineering*
- ii. *Computer Science and Engineering, Computer Applications, Mathematics*
- iii. *Civil Engineering, Architecture,*
- iv. *Mechanical Engineering, Production Engineering, Metallurgical and Materials Engineering, Physics*
- v. *Chemical, Energy and Environment and Chemistry*
- vi. *Management Studies and Humanities*

This restructuring of departments is carried out by exercising the powers vested with the Senate vide first statutes of NITs Section 8 item xii. Such amalgamation the Chairman emphasized will facilitate (i) the offering of more number of elective courses in cutting edge areas to a larger section of students (ii) faculty and students to carry out interdisciplinary research/project across different spheres of engineering. In addition, listing of large number of faculty members and their publications will help such larger departments to get accreditation of their respective programmes offered.



The Senate approved the above proposal.

The Chairman also put forward the proposal to allow students of various programmes to join together and carry out innovative projects from the second year of their study. In this context, the Chairman put forward the following:

- a) *B.Tech. project work shall commence in the second year itself and the project can be completed any time during the period of study. Project work can be completed any time during the programme.*
- b) *In order to promote interdisciplinary culture a Team of four students from various Departments can be formed with the permissions of the Heads of the Departments concerned.*
- c) *The Principal Project Guide can be from any one of the departments.*
- d) *Focus will be given to Industry/Innovation oriented projects*
- e) *Every project will be evaluated as per existing regulations by the project committee. The project committee for interdisciplinary projects shall be the guide and Heads of the Departments to which the students belong.*

The Senate approved the above proposal.

The tabled agenda items were subsequently taken up,

1. To confirm the Minutes of the 28th Senate Meeting held on 18.02.2014.

Approved

2. Results of Even Semester UG & PG courses 2013-2014.

The published results of even semester UG and PG courses 2013-14 as approved by the respective PAC are ratified.

3. To approve the award of the degree to M.S/Ph.D candidates who have successfully completed the requirements of the degree.

Approved

4. To approve the award of degrees UG/PG/MS & Ph.D in the 10th Convocation to be held on 2nd August 2014.



The Senate has approved the award of degrees UG/PG/MS and Ph.D in the 10th Convocation scheduled on 2nd August 2014. The distribution of the Stream wise/ Branch wise degrees to be awarded is as given below:

No. of Graduands in each Programme (10th Convocation)

Degree: BACHELOR OF ARCHITECTURE

COURSE	SPECIALIZATION	TOTAL
B.Arch.	Architecture	57

Degree: BACHELOR OF TECHNOLOGY

COURSE	SPECIALIZATION	TOTAL
B.Tech	Chemical Engineering	73
B.Tech	Civil Engineering	100
B.Tech	Computer Science and Engineering	108
B.Tech	Electrical and Electronics Engineering	97
B.Tech	Electronics and Communication Engineering	100
B.Tech	Instrumentation and Control Engineering	101
B.Tech	Mechanical Engineering	110
B.Tech	Metallurgical and Materials Engineering	48
B.Tech	Production Engineering	92
TOTAL		829

Degree: MASTER OF TECHNOLOGY

COURSE	SPECIALIZATION	TOTAL
M.Tech	Energy Engineering	20
M.Tech	Chemical Engineering	25
M.Tech	Process Control and Instrumentation	20
M.Tech	Environmental Engineering	27
M.Tech	Structural Engineering	26

Auth

Spd



M.Tech	Transportation Engineering and Management	25
M.Tech	Computer Science and Engineering	26
M.Tech	Power Electronics	22
M.Tech	Power Systems	25
M.Tech	Communication Systems	24
M.Tech	VLSI System	27
M.Tech	Industrial Safety Engineering	23
M.Tech	Thermal Power Engineering	25
M.Tech	Welding Engineering	29
M.Tech	Material Science and Engineering	26
M.Tech	Industrial Metallurgy	17
M.Tech	Manufacturing Technology	25
M.Tech	Industrial Engineering and Management	25
M.Tech	Non-Destructive Testing	26
TOTAL		463

Degree: MASTER OF SCIENCE

COURSE	SPECIALIZATION	TOTAL
M.Sc	Operations Research and Computer Applications	25
M.Sc	Physics	28
M.Sc	Chemistry	26
TOTAL		79

COURSE	SPECIALIZATION	TOTAL
Masters of Business Administration		82

COURSE	SPECIALIZATION	TOTAL
Master of Computer Applications		79

COURSE	SPECIALIZATION	TOTAL
M.S. (by Research)		11

COURSE	SPECIALIZATION	TOTAL
Ph.D		56

Grand Total = 1656



5. To approve the award of Gold Medals in the 10th convocation.

The Senate approved the award of Gold Medals in the 10th Convocation scheduled on 2nd August 2014 as per the list given in the Agenda and Notes of the 29th Senate meeting.

6. To approve the recommendations of the Board of studies of various departments as presented by the HODs.

The HODs of various departments have presented the recommendations of the respective Board of Studies as per the uniform curriculum norms. It noted that few departments have not followed the uniform curriculum structure and they have been informed by the Senate to modify the curriculum accordingly for implementation.

7. To approve the updated B.Tech Regulations 2014.

Approved

8. Redistribution of DASA seats as per OM No F.No.35-10/2013-TS dt. 13.02.2014 as available in Annexure - VI

Noted

9. Request of faculty for Senate's Consideration.

- a. Request from Dr.Karvembu to permit guiding 8 Ph.D. scholars in total. Presently, a guide can have 4 full-time and 4 part-time research scholars.

Approved

- b. Recommendation from Dr.S.Raghavan to permit Dr.G. Ganapathy M.D., F.C.C.P (USA) for enrolling Ph.D under his guidance.

Approved. However, existing procedure for admission should be followed.

- c. Request from Dr.K.Sankaranarayanan to consider a global elective on Composite Materials, offered by Prof Prabhakaran Prof Eminence, ODU Virginia USA.

Approved



- d. Request from Dr.Ramkalyan to consider a directed study course on Electronic Circuit design.

Approved

10. Student's Representation for Senate's Consideration.

- a. Request from Mr.Hariharan to consider appearing for one supplementary examination (for the award of degree).

Approved and permitted to appear for the supplementary examination.

- b. Request from ECE students to take M.Tech subject in CSE as a global elective.

Approved

- c. Request from Mr.Madhavan (IC10529), ICE Branch on medical grounds to permit him to write 2 supplementary examinations in BCC 102 Mathematics – I and IC 305 Linear Integrated Circuits. He had completed the maximum period of stay (8 Years) from the date of joining the institute.

Approved

11. Disciplinary action against students.

The following students have been found either to have copied or abbetted to copy in the supplementary exam, held in May 2014. The disciplinary committee has recommended the award of 'F' grade in all the subjects of the semester (II).

S.NO	NAME	ROLL NO
01.	Anbumani. B	103113010
02.	Harikishore. R	102113021
03.	Ashwin Bharathwaj. S	103113079
04.	Rajath. B	103113073
05.	K S Sarvesha Kumar	110113032

Noted




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


- a. Request forwarded by the HOD/MBA department to consider enrolment of Dr. John V Daniel for post doctoral programme in MBA department ***was declined by the Senate***
- b. ***The Senate approves*** the increase in number of Ph.D scholars with institute scholarships from 45 to 90.
- c. Mr.E.S.Gopi, Assistant Professor of ECE department requested for early submission of his Ph.D synopsis before the minimum period required for submission of synopsis. The doctoral committee has approved this. Considering his stay in IITM, the minimum period restriction for the submission of synopsis has been relaxed by the Senate as a special case for this candidate.
- d. The HOD/Architecture requested for Senate approval for permitting the temporary faculty of the Department of Architecture to register for Ph.D. under part time (on campus) category

Approved

- e. The HOD/Architecture also informed about the non-issuance of enrolment numbers for DASA B.Arch. students by Council of Architecture as their admission is not based on Aptitude Test in Architecture (NATA/JEE)

Approved


Prof. G. Swaminathan
Officiating Registrar &
Secretary, Senate.


Prof. S. Sundarrajan
Director &
Chairman, Senate.