

MINUTES OF THE 49th MEETING OF THE SENATE

DATE :11-11-2014

TIME: 11.00 am

VENUE:Senate Hall, NITC Guest House



**NATIONAL INSTITUTE OF TECHNOLOGY CALICUT
NIT CAMPUS P.O, KOZHIKODE-673 601, KERALA**

NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

MINUTES OF THE 49th MEETING OF THE SENATE HELD ON 11/11/2014 AT 11.00 a.m. AT THE SENATE HALL, NITC GUEST HOUSE

Members Present:

1. Prof. Swapan Bhattacharya Chairman
2. Dr. Shashikala.A.P
3. Dr. M.N.Vaidyan
4. Dr. V K Govindan
5. Dr. Jose Mathew
6. Dr. R Sridharan
7. Dr. M L Joy
8. Dr. Susy Thomas
9. Dr. N Sandhyarani
10. Dr. V Narayanan
11. Dr. N Sudarsan
12. Dr. GulamJilani
13. Dr. Allesu K
14. Dr. T M Madhavan Pillai
15. Dr. S Jayaraj
16. Dr. Jessy John C
17. Dr. C K Ali
18. Dr. M V L R Anjaneyulu
19. Dr. M A Joseph
20. Dr. P K Rajendra Kumar
21. Dr. G.Unnikrishnan
22. Dr. N.Sankar
23. Dr. S. Chandrakaran
24. Dr. M.K.Ravi Varma
25. Dr. P.V.Indira
26. Dr. Elizabeth Elias
27. Dr. P.P.Anil Kumar
28. Dr. Paul Joseph
29. Dr. Jeevamma Jacob
30. Dr. Ashok.S
31. Dr. P.Predeep
32. Dr. Priya Chandran
33. Dr. C.B.Sobhan
34. Dr. K.A.Abdul Nazeer

35. Dr. Mustafa.V
36. Dr. Saly George
37. Dr. N.Ramachandran
38. Dr. Chandrasekharan.K
39. Dr. Shiny Joseph
40. Dr. Lisa Sreejith
41. Dr. Rajanikant.G.K
42. Dr. Abraham.T.Mathew
43. Dr. B.Sukumar

Registrar and Secretary

Registrar welcomed Prof. Swapan Bhattacharya as the new Chairman of the Senate and also placed on record the contributions made by Prof. M N Bandyopadhyay during his tenure of service with the Institute. Thereafter, the Secretary welcomed the members present to the 49th meeting of the Senate of the National Institute of Technology Calicut and the Chairman called the meeting to order at 11.15 a.m.

S.49.1 Passing of the Minutes of the 48th Meeting of the Senate

The Senate resolved to approve the minutes of the 48th meeting of the senate held on 0th July, 2014, without any modifications.

S.49.2.1 List of Students for award of UG, PG and Ph.D. Degrees in the 10th Convocation.

The Dean (Academic) presented a list of 1390 graduands who have become eligible for the award of B.Arch./ B.Tech./ M.Tech./ M.Sc.(Tech.)/M.Sc./MCA/MBA and Ph.D. degrees as detailed in **Annexure I**. The Senate recommended for conferring the degrees on those 1385 graduands in the 10th Convocation of the Institute.

Senate also authorized Chairman of the Senate present the supplementary list of graduands, if any, directly to the Board of Governors for approval and such list can be reported to the senate in a later meeting.

S.49.2.2 Consideration of the Report of the 'Academic Performance Review Committee'

Senate deliberated the report of the Academic Performance Review Committee. Chairman remarked that in such committees there should have been nominations of experts from some leading institutions in India. The suggestions made by the committee, as given below, have been accepted in principle and resolved to focus on making action plans to implement the same:

1. Improving the faculty position so as to improve faculty student ratio
2. Improve the infrastructural facility in the class room and in the labs
3. Modify the curriculum to suit the current requirements
4. Have a central co-ordination for OT courses
5. Conduct refresher course for adhoc faculty and young teachers
6. Evolve innovative teaching methodology for effective teaching
7. Conduct internal academic audit on a regular basis
8. Introduce more effective and meaningful student feedback system
9. Revamp the research culture in the institute
10. Conduct a detailed statistical analysis of student performance to understand the possible root cause of poor performance and get solutions
11. Facilitate selective work paths for faculty
12. Introduce a workload calculation scheme for faculty
13. Introduce an effective academic information system
14. Take into account the placement scenario while designing curriculum and in the teaching methodology
15. Allot teaching assistantship in a more effective manner
16. Evolve a scientific management policy for academic administration which will help in saving time of faculty, enabling them to devote more time on academics
17. Build the ecosystem in the campus to suit the academic environment
18. Setup an educational technology cell at the institute level to look into all aspects of academic performance on a continuous basis

Senate further resolved to implement the following suggestions made by the Chairman on urgent basis:

1. The DCC can be renamed as Department Advisory Committee. In addition to the existing members, the Department Advisory Committee should have two members from industry and two faculty members of other institutes as experts. The

department can submit a panel of five members on each category (industry and experts) and Director will finally nominate two members from each category.

2. In order to handle 25 to 30 per cent of teaching work load, the Departments have to engage retired faculty members, faculty members from abroad, experts from industry and research laboratories . Qualifications and experience need not be insisted for experts coming from Industry and research laboratory as they are enriched with the domain knowledge.
3. The remuneration being paid to the visiting/adjunct faculty members have to be revamped and can follow the rate being paid by nearby NIT viz. NIT Surathkal. Proposal to this effect has to be made to the Finance Committee of the Institute, for consideration.
4. An academic audit has to be made by each department, through external agencies from India.
5. A self appraisal system for faculty members has to be developed in line with the practices being followed by nearby IITs.

S.49.2.3 Academic Calendar for the Winter Semester 2014-2015

After detailed deliberations, senate approved the Academic Calendar for the Winter Semester 2014-2015 (**Appended II**)

Senate further made a remark that in future the academic calendar has to be designed in such a way that the semester should over before the 2nd week of May, 2014, so as to enable the student to proceed for internship programmes.

S.49.2.4 Revision of guidelines for Ph.D. Thesis submission

The Senate resolved to approve the following changes proposed by the BoAC:

1. The thesis submitted for evaluation by the examiners has to be printed in A4 size paper on both sides, so as to reduce the size of the report, thereby save paper and postal charges
2. After the open defense, the final thesis has to be submitted in A5 Size paper, printed on both sides.

S.49.2.5 Submission from HOD (EED) to provide suitable remuneration to the faculty members offering contact courses.

Senate resolved to recommend to the Finance Committee of the Institute, the sanction of an amount of Rs.6000/- per contact course engaged by a faculty member.

S.49.2.6 Inclusion of Colour Photograph of Graduands on the Degree Certificates in line with recent UGC Guidelines.

Senate resolved to refer back the item to the BoAC for a detailed consideration and suggested to have a detailed review of the entire scenario and the practices being followed by renowned institutions in India and abroad.

S.49.2.7 Recommendation from HoD (Maths) for a new Ph.D. level Course, “Chaotic Dynamical Systems”

On a detailed scrutiny, Senate decided to approve the new Ph.D. level course on “Chaotic Dynamical System” to be offered by the Department of Mathematics and also approved the detailed syllabi proposed by the Department.

S.49.2.8 Recommendation from Chairperson (UG admissions) on fee collection at the time of admission

Senate resolved to recommend to the Finance Committee of the Institute to sanction collection of only first semester fee, at the time of admission to UG, PG and Ph.D. programme of the institute as against collecting the whole first year fees being followed at present.

S.49.2.9 Proposal from HoD, CSED to discontinue MCA programme

Senate resolved to defer the item for a detailed review by the Department and to make a fresh detailed proposal on this.

S.49.2.10 Modification of the eligibility criteria for admission to M.Tech. degree programme at NIT Calicut – Submission from Chairperson PG Admission

Senate resolved to modify the R 1.2 as follows:

Candidates seeking admission to M.Tech. Degree programme under regular, sponsored and all other categories should have completed and passed regular full time B.E./B.Tech. degree in an appropriate branch from an approved institute/university with minimum 60% marks (or

CGPA 6.5/1) in aggregate of all semesters/years and for SC/ST candidates 55% marks (or CGPA 6/10 in aggregate of all semesters/ years in the qualifying examination.

Senate also authorized Chairperson (PG) admissions to intimate the modification to CCMT well in advance

S.49.2.11 Submission received from the HoD of Department of Mechanical Engineering on Course Code

The submission made by the HoD of Mechanical Engineering Department and BoAC recommendation thereon has accepted and Senate resolved to approve a new course Code M6440

S.49.2.12 Conversion of Ph.D. admission from Part time to Full time by Mr. Visakh R. (P140056CS)

Senate noted that conversion of part-time to full time at the beginning of a semester based on the recommendation of Doctoral Committee and with the approval of BoAC is covered under R 21.1 of Ph.D. Ordinances and Regulations. However, as payment of stipend is involved, depending on the merit of the case, senate resolved to approve the conversion of Part time Ph.D. to Full time Ph.D. programme in the case of Mr. Visakh R. (P140056CS).

S.49.2.13 Request received from Dr. Bindiya T.S. (ECED), Dr. George K. Varghese (CED), Dr. Sunitha R. (EED) and Dr. Mija S J (EED) to recognize as Ph.D. guides of NITC.

Based on the recommendation of the BoAC Senate approved Dr. Bindiya T.S. (ECED), Dr. George K Varghese (CED), Dr. Sunitha R. (EED) and Dr. Mija S J (EED) as Research Guides.

Senate also resolved that henceforth any regular faculty member having Ph.D. Degree will automatically become the research guide of the Institute.

S.49.2.14 Submission from Dr. Chandrasekharan K. Department of Physics to approve Prof. D. Narayana Rao as Co-supervisor to the Ph.D. student

Chairman suggested the word co-supervisor and co-guide has to be replaced as Joint Guide. He also remarked that any expert, whether from the Industry or research laboratories, who can significantly contribute towards the research can become joint guide, provide the guide approves the same.

Senate also approved Prof. D. Narayana Rao as joint guide of the Ph.D. scholar Mr. Shiju E. Roll No. P140039PH.

S.49.2.15 Approval as Co-guides - Submission from HoD Chemistry

Senate approved Dr. Rosamma Alex, Deputy Director, Rubber Technology Division, Kottayam as joint guide of Mrs. Janisha Jayadevan (P120054CY).

Based on the recommendation from HoD Chemistry and recommendation of BoAC, Senate approved that Dr. Susmita De, INSPIRE faculty can be joint guide for the Ph.D. scholars, whose fellowship is availed from the project grant.

S.48.3 Any other items permitted by the Chair

S.48.3.1 Submission of Mr. Subhash K M for permission to register as Internal candidate for Ph.D. admission 2014

Senate deliberated the submission in detail. It has been observed that broadly there are two aspects involved in the issue viz. academic aspects and administrative aspects.

Dr. Paul Joseph, made a submission that admission to the Ph.D. programme requested by Mr. Subhash K M covered under the rules and provisions. His submission has been taken note by the Senate.

Senate finally resolved that even though, he may be able to meet the academic requirements for a Ph.D. admission; being a faculty member of the Institute who is under suspension, admission to the programme is subjected to the administrative aspects to be decided upon by the appropriate authorities at an appropriate forum. Hence, the matter has to be considered on these lines by the Board of Governors of the Institute.

Registrar & Secretary

