



MINUTES OF THE 70th MEETING OF THE SENATE

DATE: April 02, 2019

TIME: 4.00 PM

VENUE: Senate Hall, Institute Guest House, NITC



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



**MINUTES OF THE 70th MEETING OF THE SENATE HELD ON
April 2, 2019 AT 4.00 PM AT SENATE HALL,
INSTITUTE GUEST HOUSE, NIT CALICUT**

Members Present:

1	Dr. Sivaji Chakravorti, Director & Chairman
2	Dr. Sathidevi P S, Dean (Academic)
3	Dr. Ashok S, Dean (R&C)
4	Dr. Jeevamma Jacob, Dean (AA&IR)
5	Dr. T M Madhavan Pillai, Dean (FW)
6	Dr. M V L R Anjaneyulu, Dean (P & D)
7	Dr. Naseer M A, Professor, DAP.
8	Dr. Saleena N, CSED
9	Dr. Shashikala A P, Professor, CED
10	Dr. Parameswaran P., HOD, CHY, Invitee
11	Dr. Lisa Sreejith, Professor, CHY
12	Dr. Abdul Nazeer K A, Professor, CSED
13	Dr. Madhu Kumar S D, Professor, CSED
14	Dr. Priya Chandran, Professor, CSED
15	Dr. Sudhakumar, Professor, CEDjoy
16	Dr. Rajanikant G K, Professor, SBT
17	Dr. Sameer S M, Professor, ECED
18	Dr. Saly George, Professor, EED
19	Dr. Lity Alen Varghese, Asso. Professor, CHED, Invitee
20	Dr. Ghulam Jilani, Professor, MED
21	Dr. Jose Mathew, Professor, MED
22	Dr. M.L.Joy, Professor, MED
23	Dr. P K Rajendra Kumar, Professor, MED
24	Dr. T.K. Suresh Babu, Professor, SOMS
25	Dr. Chandrasekharan K, Professor, PHY
26	Dr. N Sandhyarani, Professor, SMSE
27	Dr. Kasthurba A. K., Professor, DAP
28	Dr. Sivasubramanian, Professor, CHED
29	Dr. Md. Anaul Kabir, Professor, SBT
30	Dr. C. B. Sobhan, Professor, SMSE
31	Dr. A. V. Babu, Professor, ECED
32	Dr. Santosh G. Thampi, Professor, CED
33	Dr. G. Unnikrishnan, Professor, CHY
34	Dr. C. Muraleedharan C., Professor, MED
35	Dr. M. A. Joseph, Professor, MED
36	Dr. Satyananda Panda, Associate Professor, MAT, Invitee
37	Dr. Deepthi P. P., Professor, ECED
38	Dr. Vineeth Paleri, Professor, CSED
39	Dr. P. P. Anilkumar, Professor, DAP
40	Dr. Subhasree M., Associate Dean (Academic) - Invitee
41	Dr. Dhanraj K.J. First Year Coordinator (UG) Invitee
42	Dr. Harikrishna M, Associate Dean (Academic) - Invitee
43	Lt Col Pankajakshan.K (Retd) Registrar & Secretary



The Secretary welcomed the members present to the 70th meeting of the Senate of the National Institute of Technology Calicut and the Chairman called the meeting to order at 4.00 P.M.

S.70.1: Passing of the Minutes of the 69th Meeting of Senate

The Senate resolved to approve the minutes of the 69th meeting of the Senate, held on January 4, 2019.

S.70.2: Recommendations of the 41st Meeting of Board of Academic Council

S 70.2.1 Approval of the Academic Calendar for Monsoon Semester 2019-20

The Senate resolved to approve the academic calendar for the Monsoon semester 2019 -2020 with suggested modifications, after getting feedback from student representatives.

S 70.2.2 Submission from HOD (PHY) for consideration of the syllabi for 17 new department elective courses of B.Tech Engineering Physics programme.

The Senate resolved to approve the following courses proposed by the Department of Physics.

1. PH3021D Fiber Optics
2. PH3022D Atmospheric and Environmental Physics
3. PH3023D Optical Engineering
4. PH3024D Thin Film Technology
5. PH3025D Modern Optics
6. PH3026D Experimental Techniques in Physics
7. PH4021D Unconventional Electronics
8. PH4022D Introduction to Optoelectronics
9. PH4023D Relativity and Gravitation
10. PH4024D Nanophotonics
11. PH4025D Light – Matter Interaction in Resonators
12. PH4026D Introduction to Critical Phenomena
13. PH4028D Advanced Quantum Mechanics
14. PH4030D Nuclear Engineering
15. PH4031D Modelling and Simulation using Python

The syllabi of the above courses were also approved by the Senate.



The Senate resolved to approve the syllabus of the course ‘PH4029D Solid State Devices’, under the condition that it can be offered as a Departmental Elective for students of the B.Tech programme in Engineering Physics only. The Senate resolved to refer the syllabus of the course ‘PH4027D Microprocessors and Microcontrollers’ back to the Department of Physics for further clarification.

S 70.2.3 Submission from HOD (ECED) for considering an elective Course EC 3066D Artificial Intelligence: Theory and Practice

The Senate resolved to approve the course ‘EC3066D Artificial Intelligence: Theory and Practice’, under the condition that it can be offered as a Departmental Elective for students of the B.Tech programme in Electronics and Communication Engineering only. The syllabus of the course was also approved.

S 70.2.4 Recommendation from HOD (ECED) for inclusion of Dr. Palash Kumar Basu, Associate Professor, IIST as co-guide for Ms. Akshaya.V (P180033EC)

The Senate resolved to approve Dr. Palash Kumar Basu, Associate Professor, IIST, as co-guide for Ms. AkshayaV (P180033EC).

S 70.2.5 Recommendation from HOD, CED for inclusion of Dr. U Surendran, Senior Scientist, CWRDM as co-guide for Mr. Vivek B. (P180122CE)

The Senate considered the matter of inclusion of Dr. U. Surendran, Senior Scientist, CWRDM, as co-guide for Mr. Vivek B. (P180122CE). The Senate requested HoD, CED, to submit the approval from the DCC of the Department of Civil Engineering in this respect and authorized the Chairman, Senate, to approve the same after getting the DCC approval.

S 70.2.6 Recommendation from HOD, CSED for inclusion of Dr. Madhu.S.Nair, Associate Professor, CUSAT as co-guide for Ms. SitharaKanakaraj (P150033CS)

The Senate approved Dr. Madhu. S. Nair, Associate Professor, CUSAT, as co-guide for Ms. Sithara Kanakaraj (P150033CS).



S 70.2.7 Recommendation from HOD, MED for inclusion of Dr. R.K.Padhy, Assistant Professor, IIM Kashipur as co-guide for Mr. Alok Kumar Samanta (P170106ME)

The Senate requested HoD, MED, to submit the approval from the competent authority from IIM Kashipur. The Senate resolved to authorize the Chairman, Senate, to approve the inclusion of Dr. R. K. Padhy, Assistant Professor, IIM Kashipur, as co-guide for Mr. Alok Kumar Samanta (P170106ME) after receiving the approval from the competent authority from IIM Kashipur.

S 70.2.8 Submission from Dr. Lakshmi V Nair, Inspire Faculty, SMSE for recognition as research guide at NIT Calicut

The Senate approved Dr. Lakshmi V Nair, Inspire Faculty, SMSE, as research guide at NIT Calicut.

S 70.2.9 Proposal on evolving norms for approving external faculty as a Co-Guide

The Senate constituted a committee comprising of the following members to evolve norms for approving external faculty as a Co-Guide for research students at NIT Calicut.

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| 1. Dr. Jose Mathew, Professor, MED | Chairperson |
| 2. Dr. Saly George, Professor, EED | Member |
| 3. Dr. Priya Chandran, Professor, CSED | Member |
| 4. Dr. Chandrasekharan K., Professor, CHY | Convenor |

The committee is requested to submit a report within 45 days, so that it can be placed for discussion in the subsequent Senate Meeting at an early date.

S 70.2.10 Submission of HoD SMSE on new Course Codes for their UG and PG programmes

The Senate approved the Curriculum and Syllabi for the new UG programme of B.Tech. Materials Science and Engineering and for M.Tech. Materials Science and Engineering (Nanotechnology), with new course codes beginning with “MT”. The Senate approved following three global elective courses courses also.

1. MT4101D Nano Science and Technology



2. MT4102D Surface and Nanostructure Characterizations
3. MT4103D Nanomaterials for Energy Conversion and Storage

S 70.2.11 Proposal from the Department of Chemistry on offering two elective courses: CY3013 Green Environment for Sustainable Society Development and CY 7346 D Waste Management and Energy Generation Technologies

The Senate opined that the proposal can be presented once again, along with the feedback of External experts regarding the course contents of the two courses.

S.70.3: Consideration of the report of the Committee constituted to study the present grading pattern for Undergraduate programme

After detailed deliberations, the Senate approved the recommendations of the committee constituted to study the present grading pattern for Undergraduate programmes. Hence 'R' grade is not to be included in the grading pattern of courses for students in the Undergraduate programmes of the Institute, from the 2019 admission onwards. The Senate suggested that the changes be incorporated in the Ordinances and Regulations for B.Tech / B.Arch programmes by the committee already constituted for the same at the earliest.

S.70.4: Consideration of the report of the Committee constituted to examine the possibility of offering online programmes by the Institute

The Senate resolved to defer the item to a future date, and recommended the committee to revisit their guidelines.

S.70.5: Ratification of the approval for changing the course code of the course "Metrology & Computer Aided Inspection" for PE Engineering from ME3104D to ME3109D.

The Senate ratified the approval given by the Chairman, Senate, to change the course code of the course "Metrology & Computer Aided Inspection" for B.Tech programme in Production Engineering from ME3104D to ME3109D.

S.70.6 Consideration of the request received from HoD, SMSE to incorporate the date of implementation of renaming the degree in the degree certificate issued to M.Tech. Nanotechnology Students, in the minutes of the 69th Meeting of Senate.

The Senate resolved to incorporate the date of implementation of renaming the degree in the degree certificate issued to M.Tech. Nanotechnology Students from 2019 admission onwards.



S 70.7 Any other Item

- S. 70.7.1. Consideration of request from the Chairperson – PG Admissions to decide whether the candidates with MSc degree in Electronics are to be permitted for seeking admission to MTech programme in Electronics Design and Technology and Microelectronics & VLSI**

The Senate resolved to defer the item to a future date.

The meeting came to an end at 6.30 P.M. with vote of thanks to the Chair.

Registrar & Secretary