

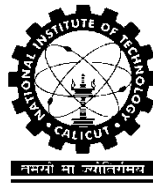


MINUTES OF THE 86th MEETING OF THE SENATE

Date: January 05, 2022

Time: 4.00 PM.

Venue: Through video conferencing hosted at Board Room, New Administration Block



NATIONAL INSTITUTE OF TECHNOLOGY CALICUT



MINUTES OF THE 86th MEETING OF THE SENATE held on January 05, 2022 at 4.00 PM
Through video conferencing hosted at Board Room, New Administration Block

Attendance Report

S.No	Name	Designation	Category	Attendance
1	Dr. Prasad Krishna	Director	Director & Chairman	✓
2	Dr. Sathi Devi P S	Deputy Director	Deputy Director	✓
3	Dr. Madhusudanan Pillai V	Dean (R&C)	Professor	✓
4	Dr. Jeevama Jacob	Dean (AA&IR)	Professor	✓
5	Dr. Naseer M A	Dean(P&D)	Professor	✓
6	Dr. Rajanikant G Krishnamurthy	Dean(SW)	Professor	✓
7	Dr. Sameer S M	Dean(Academic)	Professor	✓
8	Dr. Chandrasekharan K	Dean(FW)	Professor	✓
9	Dr. Chandrakaran S	Professor(HAG),CED	Professor	✓
10	Dr. Indira P V	Professor(HAG),CED	Professor	✓
11	Dr. Santhosh G Thambi	Professor(HAG),CED	Professor	✓
12	Dr. M V L R Anjaneyulu	Professor(HAG),CED	Professor	✓



13	Dr. T M Madhavan Pillai	Professor(HAG),CED	Professor	✓
14	Dr. Unnikrishnan	Professor(HAG),CY	Professor	✓
15	Dr. Jose Mathew	Professor(HAG),MED	Professor	✓
16	Dr. Muraleedharan C	Professor(HAG),MED	Professor	✓
17	Dr. R Sridharan	Professor(HAG),MED	Professor	✓
18	Dr. Predeep P	Professor(HAG),PHY	Professor	-
19	Dr. C B Sobhan	Professor(HAG),SMSE	Professor	✓
20	Dr. Ashok S	Professor(HAG),EED	Professor	✓
21	Dr. J.Sudha Kumar	Professor,CED	Professor	✓
22	Dr. Mohammed Ameen A M	Professor,CED	Professor	-
23	Dr. Sankar N	Professor,CED	Professor	✓
24	Dr. Shashikala A P	Professor,CED	Professor	✓
25	Dr. Krishnamurthy K	Professor,CED	Professor	✓
26	Dr. Praveen Nagarajan	Professor,CED	Professor	✓
27	Dr. Shiny Joseph	Professor,CHED	Professor	✓
28	Dr. Sivasubramanian V	Professor,CHED	Professor	✓
29	Dr. Lity Alen Varghese	Professor,CHED	Professor	✓
30	Dr. Abdul Nazeer K A	Professor,CSED	Professor	-
31	Dr. Madhu Kumar S D	Professor,CSED	Professor	✓
32	Dr. Priya Chandran	Professor,CSED	Professor	✓



33	Dr. Vineeth Kumar P	Professor,CSED	Professor	-
34	Dr. Lisa Sreejith	Professor,CY	Professor	✓
35	Dr. Lakshmi C	Professor,CY	Professor	✓
36	Dr. Anil Kumar P P	Professor,DAP	Professor	-
37	Dr. Kasturba A K	Professor,DAP	Professor	✓
38	Dr. Babu A V	Professor,ECED	Professor	✓
39	Dr. Deepthi P P	Professor,ECED	Professor	✓
40	Dr. Sreelekha G	Professor,ECED	Professor	✓
41	Dr. Rijil Ramchand	Professor,EED	Professor	✓
42	Dr. Saly George	Professor,EED	Professor	✓
43	Dr. Susy Thomas	Professor,EED	Professor	-
44	Dr. Jacob M J	Professor,MAT	Professor	✓
45	Dr. M S Sunitha	Professor,MAT	Professor	✓
46	Dr. Satyananda Panda	Professor,MAT	Professor	-
47	Dr. Sunil Jacob John	Professor,MAT	Professor	✓
48	Dr. A Shaija	Professor,MED	Professor	-
49	Dr. Biju T Kuzhiveli	Professor,MED	Professor	✓
50	Dr. Joseph M A	Professor,MED	Professor	✓
51	Dr. Joy M L	Professor,MED	Professor	✓
52	Dr. Manu R	Professor,MED	Professor	✓



53	Dr. P K Rajendra Kumar	Professor,MED	Professor	✓
54	Dr. Raghu Chatanathodi	Professor,PHY	Professor	✓
55	Dr. Ravi Varma Mundakkara Kovilakam	Professor,PHY	Professor	✓
56	Dr. A Santhiagu	Professor,SBT	Professor	✓
57	Dr. M D Anaul Kabir	Professor,SBT	Professor	✓
58	Dr. N Sandhyarani	Professor,SMSE	Professor	✓
59	Dr. T K Suresh Babu	Professor,SOMS	Professor	-
60	Dr. Andrew Thangaraj	IIT Madras	External member	✓
61	Dr. M P Rajan	IISER Trivandrum	External member	✓
62	Prof. Leena Abraham	TISS, Mumbai	External member	✓
63	Dr. Aparna K	Associate Professor &HoD, CHED	Invitee	✓
64	Dr. A Sujith	Associate Professor &HoD, CY	Invitee	✓
65	Dr. Muralikrishnan K	Associate Professor &HoD, CSED	Invitee	✓
66	Dr. Aji A Anappara	Associate Professor &HoD, PHY	Invitee	✓
67	Dr.Rathinasamy K	Associate Professor &HoD, SBT	Invitee	✓



68	Dr.K.Muhammad Shafi	Associate Professor &HoD, SOMS	Invitee	✓
69	Dr.Soney Varghese	Associate Professor &HoD, SMSE	Invitee	✓
70	Dr. Sajith V	Associate Professor &HoD, T&P	Invitee	✓
71	Dr. Sunil M S	Assistant Professor &HoD, Physical Education	Invitee	✓
72	Dr. Ashish Awasthi	First Year coordinator	Invitee	✓
73	Dr. Sindhu T K	Associate Dean (Academic)	Invitee	✓
74	Dr. Raghu C V	Associate Dean (Academic)	Invitee	✓
75	Sri. Gejo C V	Deputy Registrar (Academic)	Invitee	✓
76	Dr. Jeevama Jacob	Registrar (i/c)	Secretary	✓

The Secretary welcomed the members present to the 86th meeting of the Senate of the National Institute of Technology Calicut and the Chairperson called the meeting to order at 4.00 P.M. Based on the proposal from the Chair, the Senate placed on record its hearty appreciation and thanks, to Dr. C K Ali, Department of Electronics and Communication Engineering, who has superannuated from the Institute, for his valuable services to the Institute.

S 86.1: Passing of the Minutes of the 85th meeting of the Senate

The Senate resolved to approve the minutes of the 85th meeting of the Senate held on October 21, 2021.



S 86.2: To Consider the recommendations of the 50th Meeting of Board of Academic Council

S 86.2.1 Consideration of the proposal from Office of the Dean Academic for introduction of self-supporting PG seats

Proposal: To introduce a maximum of 5 additional seats in all M Tech programmes and 10 additional seats in M Plan/M.Sc programmes as self-sponsored seats.

Decision: The Senate discussed in detail the recommendations of the BoAC on the proposal submitted by the committee led by Prof. S. Ashok. The Senate resolved to accept the recommendations of the BoAC with the following specific guidelines:

- a) The minimum academic eligibility criteria for all programs shall be the same as those prescribed for the regular candidates. However, departments are permitted to decide upon additional selection criteria including Test/Interview and number of students admitted under self-sponsored category, within the maximum limit prescribed for the programme under this category. Wherever possible, GATE/JAM qualified students shall be given preference and the academic standards of incoming and outgoing students shall be maintained at the high standards prevailing in the Institute. Departments are permitted to reserve a portion of the seats in this category for candidates sponsored by Industry, R&D Organizations, Government, Defence or other academic institutions, with specific selection criteria.
- b) The fee structure for this category of seats and the revenue sharing model shall be as per the recommendations of the BoAC.
- c) The new scheme shall be implemented from the 2022-23 academic year.

S86.2.2: Consideration of the proposal from HoD (Mechanical) for amendment in R.25 in the Ordinances and Regulations for PhD Programme.

Proposal: Amend the clause R.25 (d) of the Ordinances and Regulations-2017 of the Ph.D programme, “At the time of oral examination (defense), the research scholar should have at least two papers accepted in journals covered by Science Citation Index (SCI)/Science Citation Index Expanded (SCIE) (three Scopus listed journal papers for Architecture specialization) based on the research work” to “At the time of oral examination (defense), the research scholar



should have at least two papers accepted in journals covered by Web of Science core collection (three Scopus listed journal papers for Architecture specialization) based on the research work”.

Decision: Senate resolved that it is not good practice to amend the rules and regulations applicable to any set of students after students are admitted with a prescribed set of rules and regulations. Hence the Senate did not approve the proposal.

In this context, it was also resolved that the ordinances and regulations for Ph.D programme may be modified from 2022-23 academic year. In the new regulations, instead of stipulating the number of publications alone, the quality of the journals can be considered. Classification of publications into Q1, Q2, Q3 and Q4 lists may also be considered. It was also resolved to entrust the same committee constituted for proposing the ordinances and regulations for UG and PG programmes of the Institute from 2022-23 academic year with this task, and committee shall obtain inputs from departments while framing the revised regulations

S86.2.3: Consideration of the proposal from HoD (Chemical) to include MSc in selected disciplines in the eligibility criteria for admission to PhD program in Chemical Engineering.

Decision: Senate deferred the matter for want of the clarifications in the disciplines that are to be included in the eligibility criterion for admission to PhD program. HoD, Department of Chemical Engineering was requested to submit the proposal through BoAC by specifying the disciplines to be included with rationale and clarity.

S86.2.4: Consideration of the proposal from HoD (CHY) to introduce the following electives for PG & PhD programmes of Chemistry dept.

CY7367D Main Group Organometallic Chemistry

CY7369D Supramolecular Chemistry

CY7368D Metal Catalysed Asymmetric synthesis

CY7366D Green Chemistry

CY7363D Heterocyclic Chemistry

Decision: Senate resolved to approve the proposal from HoD, Department of Chemistry to introduce the 5 electives mentioned above, with the observation that the title of the course “Main Group Organometallic Chemistry” be modified to “Organometallic Chemistry of Main Group Elements”.



S 86.3: To consider the replacement of MCA programme with industry relevant PG programmes

Details of Agenda: In the 82nd meeting of the Senate, it was resolved to transfer the MCA programme from the Department of Computer Science and Engineering to the Department of Mathematics (Agenda Item S82.2.1). Further, the duration of the MCA programme was reduced to 2 years in compliance with the AICTE order for the same (AICTE/AB/MCA/2020-21 dated 03-07-2020) in the 84th meeting of the Senate (Agenda Item S 84.3.2).

Later in a meeting of the Director with Deans and Heads of the Departments, it was proposed that the Department of Mathematics may start a new industry-relevant PG programme instead of a 2 year MCA programme. The DCC of the Department of Mathematics dated 13/12/2021 resolved to propose a new interdisciplinary PG programme in Data Science/Industrial Data Analytics/Industrial Mathematics & Scientific Computing/Business Statistics & Quality Technology.

Decision: The Senate discussed the agenda and reviewed the recommendations of the DCC, Department of Mathematics and the DCC, Department of Computer Science and Engineering. It was resolved to stop admission to the MCA programme starting from the academic year 2022-23 and decided to intimate the same to the Chairman, Apex committee for NIMCET 2022-23. The Senate directed the Department of Mathematics to initiate procedures to propose an industry-relevant PG programme in replacement of the MCA programme.

S 86.4: Ratification of the 6 months extension (beyond 8 years) given to PhD student Jithin Raj (P130088CY) by Chairman, Senate , in line with resolution of 78th Senate S 78.14

Decision: The Senate resolved to ratify the 6 months extension given to Jithin Raj (P130088CY).

S 86.5: Ratification of the 6 months extension (beyond 9 years) given to PhD student (beyond 9 years) given to PhD student Shiji P (P120050CE) by Chairman, Senate , in line with resolution of 78th Senate S 78.14

Decision: The Senate resolved to ratify the 6 months extension given to **Shiji P (P120050CE)**.



S86.6: Ratification of the 6 months extension (beyond 9 years) given to PhD student Tesi Thomas (P120082CS) by Chairman, Senate, in line with resolution of 78th Senate S 78.14

Decision: The Senate resolved to ratify the 6 months extension given to Tesi Thomas (P120082CS).

S86.7: Ratification of the 6 months extension (beyond 9 years) given to PhD student Priya N (P120061EE) by Chairman, Senate, in line with resolution of 78th Senate S 78.14

Decision: The Senate resolved to ratify the 6 months extension given to Priya N (P120061EE)

S86.8 : To consider the request from Mr. M Chandrakanth , Ph D Scholar, Chemistry department for substitution of 2 courses credited at IIT Hyderabad in place of 2 courses in the course work requirements at NIT Calicut as per R 12 (b)

Decision: The Senate resolved to permit Mr. M Chandrakanth to substitute 2 courses credited at IIT Hyderabad in place of 2 courses in the course work requirements at NIT Calicut as per R 12 (b).

S86.9 : Ratification of the permission given to Mr. Nicolas Nhalungo, an ICCR student from Mozambique, for paying fee applicable to Indian students due to the termination of ICCR scholarship on completion of 4 years based on his request.

Decision: The Senate ratified the permission given to Mr. Nicolas Nhalungo, an ICCR student from Mozambique, for paying fees applicable to Indian students.

S86.10 : To consider the request from Dr Rahmathulla Noufal , who completed PhD from Department of Architecture, to change the name of the department in the grade card to Department of Civil Engineering, instead of Dept. of Architecture and Planning, in view of his research area and Co-Guide in the CED.

Decision: The Senate resolved that the department name in the grade card cannot be changed, but the field of specialization mentioned in the grade card can be changed to Civil Engineering materials for construction.



S86.11: Ratification of the equivalency certificate provided by the Institute that, M Tech Nano Science and Technology (Nanotechnology) is equivalent to M Tech Materials Science and Engineering (Nanotechnology)

Decision: The Senate resolved to ratify equivalency certificate provided by the Institute that, M Tech Nano Science and Technology (Nanotechnology) is equivalent to M Tech Materials Science and Engineering (Nanotechnology)

S 86.12: To consider the request from Dr Chandra Sekar Besta, to act as co-guide to Mr Venkatesh T , Scientist, CSIR -NIIST Thiruvananthapuram , registered for PhD at AcSIR, CSIR- NIIST as internal candidate.

Decisions: The Senate resolved to defer the item for want of DCC and BoAC recommendation. Chairman, Senate observed that the name of the guide is missing in the proposal submitted. The Senate also resolved to charge Mr Venkatesh T, the rate applicable to that of internal students, for using the laboratory facilities.

S 86.13: Ratification of the academic calendars for (i) Winter semester 2021-22 for UG(except 2021 Admissions) , M.Tech/M.Plan/M.Sc/MCA (except 2021 Admission), MBA (all admissions) and (ii) Monsoon semester 2021-22 for UG 2021 admissions

Decision: The Senate ratified the academic calendars.

S 86.14: Any other item approved by chair

S86.14.1: Report of the 17th Convocation of the Institute

Chairman, Senate informed the Senate members that the 17th Convocation of the institute was held in online mode on October 30, 2021 and released the convocation report.

S86.14.2: Report on the induction programme for the 2021 admission UG students

Chairman, Senate informed the Senate members that a week-long induction program was conducted for UG students of 2022 admission and a report of the same is prepared.



S86.14.3: Inducting student members to the senate.

Decision: Senate discussed the matter in detail. It is resolved that the Academic Affairs Secretary of the Student Affairs Council (SAC) of the Institute can be invited to Senate meetings for general agenda items concerning the whole student body. Since Senate meetings might involve sensitive discussions which will warrant privacy of the matters, it was resolved that the agenda items shall be bifurcated properly and students shall be permitted for taking part in the discussions for the agenda items related to them.

S86.14.4: Uploading full text of Ph.D theses to the Shodhganga portal

Decision: The Senate resolved to permit the uploading of Ph.D theses to the Shodhganga portal, as mandated by MoE.

S86.14.5: Request from Mr. Yuvaraja(P100047BT) Research scholar, School of Biotechnology seeking permission to submit the thesis after the stipulated time after the synopsis submission.

Decision: The Senate resolved to permit Mr. Yuvaraja(P100047BT) to submit the thesis on the condition that he pay the fee for the period in which he did not do the registration. The permission was given on humanitarian grounds.

S86.14.6: Ratification of the 6 months extension (beyond 9 years) given to PhD student Ms. V Rajina Rahiman(P120116AR) by Chairman, Senate, in line with resolution of 78th Senate S 78.14

Decision: The Senate resolved to ratify the 6 months extension given to Ms. V Rajina Rahiman(P120116AR).



S86.14.7: Request from Chairperson, PG admissions for

- a) **Increasing number of Institute fellowship for PhD programme**
- b) **Starting of self-supporting PhD programme**

Decision: Chairman Senate informed the Senate members that it is decided to increase the number of fellowships awarded for Ph.D programme per year to 150.

The Senate also resolved that an additional 150 seats can be provided for Ph.D programme without any financial assistance. The minimum academic eligibility criteria for candidates under this category shall be the same as those prescribed for the regular candidates. However, departments are permitted to decide upon additional selection criteria including Test/Interview and number of students admitted under self-sponsored category, within the maximum limit prescribed for the Department under this category. Wherever possible, GATE/NET/INSPIRE qualified students shall be given preference. Departments are permitted to reserve a portion of the seats in this category for External registrants sponsored by Industry, R&D Organizations, Government, Defence or other academic institutions, with specific selection criteria. The fee applicable for this category of seats shall be similar to the self-supporting M.Tech programmes (1.6 times the fee of regular Ph.D programme).

The Senate resolved that eligible and interested staff working in the funded projects carried out in the Institute can also apply for Ph.D programme as Internal candidates through the regular selection process. The fellowship given to such candidates will be as per the terms and conditions of the funded project. If the Ph.D programme is not completed even after the completion of the project, they can apply for Institute fellowship, and it may be granted subject to the availability of fellowship at that point of time. The fees applicable to them shall be the same as that of the regular Ph.D programme.

S86.14.8: Reporting of the election of Senate nominee to the BoG

Chairman Senate reported that the election of the two faculty nominees to the BoG by the Senate as per Section 11 clause (f) of the NIT Act, was completed as per the procedure outlined in office order No. RO/Senate/2021 dated 10-th November 2021. The two Senate nominees are

1. Dr. Manu R., Professor, MED (From among Professors of the Institute)
2. Dr. Chithra K , Assistant Professor, DAP (From among Associate/Assistant Professors of the Institute)



Other Items:

Chairman Senate requested the members to come up with their ideas on academic bank of credits (ABC). The Senate observed that this can wait for the directives from the ministry.

Chairman Senate informed the body that internships shall be made mandatory as per the recent directive from MoE and that shall be included in the Curriculum revision proposed in 2022.

Chairman Senate placed on record the gratitude and sincere thanks to Prof. Saly George, Dean (Academic) who is completing the 2 year term as Dean (Academic). Chairman Senate also placed on record the gratitude to Dr Sindhu T K who is completing the 2 year term as Associate Dean (Academic).

The meeting concluded at 5.30 PM with thanks to the Chairman

Registrar & Secretary