

MINUTES OF THE 91st MEETING OF THE SENATE
held on 29th March, 2023 at 4:00 PM in Senate Hall, Administrative Block - A of the Institute
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. Sameer S M	Dean(Academic)	Professor	✓
4	Dr. P. P. Anil Kumar	Dean (ACR)	Professor	
5	Dr. Sudhakumar J	Dean (FW)	Professor	✓
6	Dr. Naseer M A	Dean(P&D)	Professor	✓
7	Dr. Madhusudanan Pillai V	Dean(R & C)	Professor	✓
8	Dr. Rajanikant G K	Dean(SW)	Professor	✓
9	Dr. Chandrakaran S	Professor(HAG),CED	Professor	
10	Dr. M V L R Anjaneyulu	Professor(HAG),CED	Professor	✓
11	Dr. T.M. Madhavan Pillai	Professor(HAG),CED	Professor	✓
12	Dr. Sankar N	Professor(HAG),CED	Professor	
13	Dr. Shashikala A P	Professor(HAG), CED	Professor	✓
14	Dr. Santosh G. Thampi	Professor(HAG) & HoD, CED	Professor	✓
15	Dr. Unnikrishnan G.	Professor(HAG),CHY	Professor	✓
16	Dr. Ashok S	Professor(HAG),EED	Professor	✓
17	Dr. Jeevamma Jacob	Professor(HAG),EED	Professor	✓
18	Dr. Saly George	Professor(HAG),EED	Professor	✓
19	Dr. Jose Mathew	Professor(HAG),MED	Professor	✓
20	Dr. Joseph M A	Professor(HAG) & HoD, MED	Professor	✓
21	Dr. R Sridharan	Professor(HAG),MED	Professor	✓
22	Dr. Chandrashekar K	Professor(HAG),PHY	Professor	✓
23	Dr. Predeep P	Professor(HAG),PHY	Professor	
24	Dr. Sobhan C.B	Professor(HAG),SMSE	Professor	
25	Dr. A.K. Kasthurba	Professor, DAP	Professor	✓
26	Dr. Lity Alen Varghese	Professor, CHED	Professor	✓
27	Dr. Shiny Joseph	Professor, CHED	Professor	✓
28	Dr. V Sivasubramanian	Professor, CHED	Professor	✓
29	Dr. Lisa Sreejith	Professor, CHY	Professor	
30	Dr A Sujith	Professor, CHY	Professor	✓
31	Dr. Lakshmi C	Professor, CHY	Professor	✓
32	Dr. Parameshwaran P	Professor, CHY	Professor	✓

S.No	Name	Designation	Category	Attendance
33	Dr. Krishnamurthy K	Professor, CED	Professor	✓
34	Dr. Mohammed Ameen	Professor, CED	Professor	
35	Dr. Praveen Nagarajan	Professor, CED	Professor	✓
36	Dr. Sajith A.S.	Professor, CED	Professor	✓
37	Dr. K A Abdul Nazeer	Professor, CSED	Professor	✓
38	Dr. Madhu Kumar S D	Professor, CSED	Professor	
39	Dr. Priya Chandran	Professor, CSED	Professor	
40	Dr. Vineeth Paleri	Professor, CSED	Professor	✓
41	Dr. Babu A V	Professor, ECED	Professor	
42	Dr. Deepthi P P	Professor, ECED	Professor	
43	Dr. Sreelekha G	Professor, ECED	Professor	✓
44	Dr. Jagadanand G	Professor, EED	Professor	✓
45	Dr. Rijil Ramchand	Professor, EED	Professor	
46	Dr. Sunitha K.	Professor, EED	Professor	✓
47	Dr. Preetha P	Professor & HoD, EED	Professor	✓
48	Dr. Mukti Barai	Professor, EED	Professor	✓
49	Dr. Sindhu T K	Professor, EED	Professor	✓
50	Dr Sushama C M	Professor, MAT	Professor	✓
51	Dr. Jacob M J	Professor, MAT	Professor	✓
52	Dr. M S Sunitha	Professor, MAT	Professor	
53	Dr. Satyananda Panda	Professor, MAT	Professor	✓
54	Dr. Sunil Jacob John	Professor, MAT	Professor	✓
55	Dr. A Shaija	Professor, MED	Professor	✓
56	Dr. Biju T Kuzhiveli	Professor, MED	Professor	
57	Dr. Joy M L	Professor, MED	Professor	
58	Dr. Manu R	Professor, MED	Professor	
59	Dr. T. Radharamanan	Professor, MED	Professor	✓
60	Dr. Raghu C	Professor, PHY	Professor	✓
61	Dr. Ravi Varma M K	Professor, PHY	Professor	✓
62	Dr. Aji A. Anappara	Professor, PHY	Professor	✓
63	Dr. M D Anaul Kabir	Professor, SBT	Professor	✓
64	Dr. A. Santhiagu	Professor, SBT	Professor	
65	Dr. Rathinasamy K	Professor & HoD, SBT	Professor	✓
66	Dr. Suchitra T. V.	Professor, SBT	Professor	✓
67	Dr. N Sandhyarani	Professor, SMSE	Professor	✓

S.No	Name	Designation	Category	Attendance
68	Dr. Soney Varghese	Professor, SMSE	Professor	✓
69	Dr. Sajith V	Professor, SMSE	Professor	✓
70	Dr. Suresh Babu T.K	Professor, SOMS	Professor	✓
71	Dr. Andrew Thangaraj	IIT Madras	External member	✓
72	Prof. Leena Abraham	TISS, Mumbai	External member	✓
73	Prof. Rajan M P	IISER, Trivandrum	External member	✓
74	Dr. Mohammed Firoz C.	Associate Professor & HoD, DAP (I/c)	Invitee	
75	Dr. Haribabu K	Associate Professor & HoD, CHED	Invitee	✓
76	Dr. Subhasree M	Associate Professor & HoD, CSED	Invitee	✓
77	Dr. Suni Vasudevan	Associate Professor & HoD CHY	Invitee	✓
78	Dr. Jaikumar M G	Associate Professor & HoD ECED	Invitee	✓
79	Dr. Mahesh Kumar	Associate Professor & HoD MAT	Invitee	
80	Dr. Mohammed Shafi	Assoc Professor & HoD, SOMS	Invitee	✓
81	Dr. Shijo Thomas	Assoc Professor & HoD, SMSE	Invitee	✓
82	Dr. Raju Dey	1st Year coordinator	Invitee	
83	Dr. Hanas T	Associate Dean (Academic)	Invitee	✓
84	Dr. Dhanaraj K. J.	Associate Dean (Academic)	Invitee	✓
85	Dr. Subashini R	Associate Dean (Academic)	Invitee	✓
86	Shri. Vishnu Lal	Research affairs Secretary, SAC	Invitee	✓
87	Shri. Dheeraj Dammati	Academic Affairs Secretary, SAC	Invitee	
88	Cdr (Dr.) Shamasundara M S	Registrar	Secretary	✓

S91.1 Passing of the Minutes of the 90th meeting of the Senate

The minutes of the 90th meeting of the Senate held on 23rd January 2023 was presented for approval. In the case of item 90.3, which is the Report of the committee constituted to review the existing criteria for Direct Ph.D. admissions to explore the feasibility of the candidates working in industry who do not have a PG degree to register for the Direct PhD program in the External Registration category, it is decided to incorporate a modification in the eligibility condition that the total experience in Industry/ R&D organization/ Medical Institution can be relaxed to three years if the candidate has exceptional credentials such as granted patents or publications Web of Science core collection. Dean (Academic) informed that this will be implemented from next academic session (Winter 2023-24) only as the Institute has already issued the notification for PhD admissions for Monsoon 2023-24.

The Senate resolved to approve the minutes of the 90th meeting of the Senate with the above mentioned modification.

S91.2 Recommendations of the 58th Meeting of the Board of Academic Council

S91.2.1 Approval of Program specific curricula of UG Programs applicable from 2023 Admission onwards

Background:

Program Specific Curricula of UG Programs applicable from 2023 admissions, prepared as per the Institute UG curriculum framework approved in the 90th meeting of the Senate, which was recommended by the BoAC was presented by Dean (Academic). The curricula of all the B. Tech programs satisfied the total credit requirements of 150-153 credits and the distribution of credits in various course categories except that of B.Tech Electrical and Electronics Engineering (EEE). B.Tech (EEE) has a total credits of 91 in Programme Core (PC) + Programme Elective (PE) category and 18 in Open Elective (OE) category with a total credits of 153 for the programme for which special permission was already obtained from the Chairman Senate, owing to the special nature of this hybrid program comprising Electrical as well as Electronics subjects. It is observed that the workload is balanced across the semesters for all the UG programme curricula. The curriculum for the B.Arch program comprise of 220 credits as per the guidelines of the Council of Architecture.

The workload balance for a department in connection with the courses to be offered for other departments, especially the first year courses, is also checked. With regard to offering first year courses in other departments, the following allocation was presented.

Courses	Offering Department	Availing Programmes in Semester-I	Availing Programmes in Semester-II
Professional Communication	SOMS	CE, CS, ME, PE, MT	CH, EC, EE, EP, BT
Physics	Engineering Physics	CH, ME, PE, MT	CS, EC, EE
Chemistry	Chemistry	CE, CH (Chy-I), EP	BT, MT, CH (Chy-II)
Biology for Engineers	Bio Technology	EC	CS
Engineering Graphics	CED	EE	-
	MED	EP	-
Engineering Mechanics	MED	-	EE
Basic Electronics	ECED	MT	-
Electrical Engineering & Lab	EED	-	ME, PE
Workshop-1	MED	EP	MT

Dr. Vineeth Paleri asked about the possibility of crediting all the 3 project courses together in the eighth semester of the B.Tech programme for taking up internships with significant quantum of work. The Senate resolved that a student can dedicate last semester exclusively for project work; however the credits for the project work allotted for various semesters in a curriculum must be credited in the respective semesters only.

Prof. Andrew Thangaraj suggested that it is better to fit their UG curricula as per the guidelines given in the last Senate meeting.

It is decided to indicate the outside classroom periods required to be put in by an average student as per the credit definition explicitly by creating a new column in the curricula tables with the letter "O" along with L-T-P-C.

Decision: The Senate resolved to approve the proposed curricula of all the UG programmes by incorporating the above mentioned modification.

S91.2.2 Approval of the curriculum of MBA programme applicable from 2023 Admission onwards

The curriculum for the MBA programme was presented. The credit requirements in the proposed curriculum were in alignment with the guidelines for PG curriculum approved in the 90th meeting of the Senate. The Senate resolved to approve the curriculum, with a dissent note of Dr. Suresh Babu, wherein he has mentioned that the mandatory project works included in the proposed curriculum is not in-line with the standard curricula followed in IIMs. He has also expressed dissent on the placement of some of the subjects in the curriculum.

Decision: The Senate resolved to approve the proposed curriculum of the MBA program as recommended by the BoAC in its 58th meeting.

S91.2.3 Discussion on revising the modalities for Industrial visit by the UG students

Background: In the 58th BoAC, Dean (SW) presented the need to revise the modalities for Industrial visit by the students as approved in the 51-st meeting of the Senate. As per the recent guidelines issued by Govt. of Kerala, permission from Regional Transport Authority needs to be obtained for tours in bus and it resulted in additional responsibilities being entrusted to the Institute. BoAC resolved to present the matter in the Senate.

Chairman, Senate mentioned that such industrial visits for short duration are not part of the curriculum now and students should try to do 2-3 longer duration internships as part of their studies. The Senate expressed the opinion that the Institute should not support such tours which have no significant academic value.

Decision: The Senate resolved to withdraw the permission granted for industrial visit as approved in the 51-st meeting of the Senate.

S91.3 Ratification of approvals given by Chairman, Senate

S91.3.1 Ratification of approval granted for including Engineering Graphics to Institute Core along with Physics/Chemistry/Life Science for all the B.Tech Programs as well as for reducing the lower credit limit for Open Electives from 24 to 18 and increasing the upper credit limit for Program Core + Program Elective from 82 to 91 B.Tech in Electrical and Electronics Engineering program offered by Department of Electrical Engineering

HOD, EED made a request to Chairman, Senate for including Engineering Graphics to the Science basket in Institute Core along with Physics/Chemistry/Biology with no change in the total credit allotted for this basket. EED also requested to increase the credits for (Program core + Program Electives) to 91 from 82 and reduce the lower limit for open electives from 24 to 18. This request was made based on the dual nature of the B.Tech program in Electrical & Electronics Engineering which needs to cater courses in both Electrical Engineering and Electronics Engineering, where the needs of both the specializations are to be met. The Chairman, Senate approved the request subject to ratification in the Senate.

Decision: The permission granted by the Chairman, Senate was ratified by the Senate

S91.3.2 Ratification of permission granted to PhD Scholars, Nithin S Nair (Roll No. P180077EE), Sherin Greenal (Roll No. P210026AR) and Vijay S (Roll No. P190153ME) for conversion of Ph.D registration from full-time (FT) to part-time (PT) for taking up job

Nithin S Nair (Roll No. P180077EE), Sherin Greenal (Roll No. P210026AR) and Vijay S (Roll No. P190153ME) have received job offers and made requests to Chairman, Senate for the conversion of their PhD registration from FT to PT as they only partially satisfy the requirements mentioned in R21.2

of 2017 Ordinances and Regulations for the PhD program. Their requests were recommended by their guides and Doctoral Committee members. Based on the recommendations received, the Chairman Senate granted permission for conversion of registration from FT to PT subject to ratification in the Senate. The permission given by the Chairman, Senate may be ratified.

Decision: The permission granted by the Chairman, Senate was ratified by the Senate. However, the Senate expressed the opinion that, wherever possible, it is advisable to stick on the rules approved by the Senate and special requests if any may be brought before the Senate for its consideration.

S91.3.3 Ratification of permission granted to Ega Nikhil, Roll No. B210254CH to register for Winter 2022-23 along with 2022 Admission Batch.

Ega Nikhil, Roll No. B210254CH was admitted to the B.Tech program in Chemical Engineering in the 2021-22 academic year. He had to discontinue the course due to personal and medical reasons in the second semester and made a request to continue the program along with the 2022-23 batch of students. The request duly recommended by FA and HOD was put up with Chairman, Senate. Chairman, Senate permitted the student to continue the studies from Winter 2022-23 alongwith the 2022 Admission batch.

Decision: The permission granted by the Chairman, Senate was ratified by the Senate

S91.3.4 Ratification of permission to condone the registration for PG level course as elective by UG students having less than 7.5 CGPA

As per the Ordinances and Regulations applicable for UG programs, " A B.Tech./B.Arch. student may be allowed to register for an elective course from the PG curriculum during the final year based on the advice from the FA and permission from the course faculty, provided his/her CGPA upto the semester is 7.5 or above".

The B.Tech students Gopika Vinod (B180215CS), Vimal Joshy (B190498PE), Abin Latheef A K (B190462EE), Fathima Nishath C V (B190897PE) have registered for a PG level course as elective though they do not have 7.5 CGPA . It has been noted that all the students are in their final semester and cancellation of the registration for the course will force them to stay back in the Institute for one more semester. The Chairman, Senate permitted the same subject to ratification of the Senate.

Decision: The permission granted by the Chairman, Senate was ratified by the Senate

S91.4 Any other item approved by the Chair

S91.4.1 Request for Approval from the Senate for starting the Four-Year Integrated Teacher Education Program (ITEP) (B.Sc.- B.Ed.) in the Institute from the Academic Year 2023-24

Background: The Ministry of Education (MoE) has suggested IITs and NITs to apply for starting the newly introduced Four-Year Integrated Teacher Education Program (ITEP) (B.Sc.- B.Ed.). Accordingly, NIT Calicut has expressed interest to National Council for Teacher Education (NCTE), a statutory body of GoI set-up under the National Council for Teacher Education Act, 1993 in 1995 to formally oversee standards, procedures and processes in the Indian education system. Subsequently, after completing several rounds of evaluations, NIT Calicut was granted permission to start the ITEP B.Sc. B.Ed. (Secondary stage) from the academic year 2023-24. A sample curriculum framework was provided by NCTE with a provision for changing it up to a maximum of 30% by the individual institutions. Institute is required to finalize the detailed curriculum and syllabi along with ordinances & regulations for the program before the commencement of program scheduled in July 2023.

Chairman congratulated Dr. Sunil Jacob John, for his efforts towards the submission of proposal and other documents for the ITEP in the Institute. Prof. Andrew Thangaraj informed that the IIT Madras is

also planning to start the same program in association with TISS Mumbai. Prof. Leena Abraham opined that the Institute can try to prepare the curriculum and syllabi for the programme in consultation with specialized educational institutes such as Regional Institute of Education (RIE), Mysuru, Central Institute of Education (CIE) Delhi etc. The Senate resolved to approve the following committees for the preparation of Curriculum & Syllabi as well as Ordinances & Regulations for the program.

Committee for the Curriculum & Syllabi

1. Dr Sunil Jacob John, MAT (Chairperson)
2. Dr. Raghu C, PHY
3. Dr. Lakshmi C, CHY
4. Dr. Raghu CV, ECE
5. Dr. Sunitha S, SOMS
6. Dr. Sajith AS, CED
7. Dr. Suchithra TV, BT (Convener)

Further, it is suggested that the following faculties who have expressed willingness to associate with the program shall be included in the discussions for the finalization of curriculum and syllabi.

1. Dr. Raman Namboodiri CK, PHY
2. Dr. Raju Dey, CHY
3. Dr. MS Sunitha. MAT
4. Dr. Vrinda Varma, SOMS
5. Dr. Baiju G Nair, SoBT

The committee is requested to prepare the draft curriculum based on the sample curriculum framework provided by NCTE after taking opinion from the relevant experts within and outside the Institute, including experts from the Institutions suggested by Prof. Leena Abraham.

Committee for the Ordinances & Regulations

1. Dr. Parameswaran P, CHY (Chairperson)
2. Dr. Lakshmi C, CHY
3. Dr. Raman Namboodiri CK, PHY
4. Dr. Raghu CV, ECE
5. Dr. Lineesh MC, MAT (Convener)

Decision: The Senate resolved to accord the approval for starting the ITEP programme.

S91.4.2 Proposal for a review of Winter Semester Academic Calendar (all except UG first year) in view of the water shortage in the Campus

Background and Proposal: The issue of acute water shortage faced by the Institute at present was brought into the attention of the Senate. It was assessed that the situation is likely to intensify in the coming days, especially in the month of May. Accordingly, a proposal for modifying the Winter Semester Academic Calendar (all except UG first year) was presented. The proposal was to complete the regular class work for all UG and PG programs, excluding UG first year courses, on 14th April 2023 and to schedule the end semester examinations from 17th April 2023 to 28th April 2023. The class work thus lost shall be compensated through online/offline classes as per the mutual convenience of faculty members and students. Final year students of B.Tech, B.Arch, MSc and MBA shall be permitted to stay in the campus till 10th May 2023, to complete the project evaluations and associated activities. All academic activities of first year B.Tech, final year M.Tech, M.Plan & MCA, and PhD scholars shall

continue as usual. Minor changes in the academic calendar for first year UG shall also be considered in order to avoid clashes with examination timetables with other batches of students.

Decision: The Senate resolved to approve the proposal to modify the revision of the academic calendar due to the water shortage experienced in the campus.

The meeting concluded at 6.00 PM with thanks to the Chairman and members.

Registrar & Secretary

NB: The final program specific curricula of all UG programs shall be included as an appendix to the minutes of the Senate once the minor modifications suggested by the Senate are incorporated in them.