

# NATIONAL INSTITUTE OF TECHNOLOGY CALICUT

## MINUTES OF THE 101<sup>st</sup> MEETING OF THE SENATE

held on 28<sup>th</sup> July 2025 at 4.00 p.m. 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. A.V. Babu	Dean (Academic)	Professor	✓
3	Dr. Ravi Varma M K	Dean (IACR)	Professor	✓
4	Dr. N Sandhyarani	Dean (R & C)	Professor	✓
5	Dr. Satyananda Panda	Dean (SW)	Professor	
6	Dr. A Shaija	Dean (P&D)	Professor	✓
7	Dr. M S Sunitha	Dean (FSW) & Registrar (i/c)	Professor	✓
8	Dr. M V L R Anjaneyulu	Professor (HAG), CED	Professor	
9	Dr. T.M. Madhavan Pillai	Professor (HAG) & HoD, CED	Professor	✓
10	Dr. Santosh G. Thampi	Professor (HAG), CED	Professor	
11	Dr. Unnikrishnan G.	Professor (HAG), CHY	Professor	
12	Dr. Sathidevi P S	Professor (HAG), ECED	Professor	✓
13	Dr. Jeevamma Jacob	Professor (HAG), EED	Professor	✓
14	Dr. Jose Mathew	Professor (HAG), MED	Professor	✓
15	Dr. Chandrashekar K	Professor (HAG), PHY	Professor	✓
16	Dr. Sobhan C.B	Professor (HAG), MSED	Professor	
17	Dr. Priya Chandran	Professor (HAG), CSED	Professor	✓
18	Dr. P P Anil Kumar	Professor, DAP	Professor	✓
19	Dr. A.K. Kasthurba	Professor, DAP	Professor	
20	Dr. Naseer M A	Professor, DAP	Professor	✓
21	Dr. M D Anaul Kabir	Professor, BSED	Professor	✓
22	Dr. A. Santhiagu	Professor, BSED	Professor	
23	Dr. Rajanikant G K	Professor, BSED	Professor	
24	Dr. Rathinasamy K	Professor, BSED	Professor	
25	Dr. Suchitra T. V.	Professor, BSED	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	✓

S.No	Name	Designation	Category	Attendance
30	Dr A Sujith	Professor, CHY	Professor	✓
31	Dr. Lakshmi C	Professor, CHY	Professor	✓
32	Dr. Parameshwaran P	Professor & HoD, CHY	Professor	✓
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. K. Murali Krishnan	Professor, CSED	Professor	✓
40	Dr. Deepthi P P	Professor, ECED	Professor	✓
41	Dr. Sameer S M	Professor, ECED	Professor	✓
42	Dr. Sreelekha G	Professor & HoD, ECED	Professor	✓
43	Dr. Jagadanand G	Professor, EED	Professor	
44	Dr. Rijil Ramchand	Professor, EED	Professor	✓
45	Dr. Sunitha K.	Professor, EED	Professor	✓
46	Dr. Preetha P	Professor, EED	Professor	✓
47	Dr. Mukti Barai	Professor, EED	Professor	✓
48	Dr. Sindhu T K	Professor & HoD, EED	Professor	✓
49	Dr. Soney Varghese	Professor, MSED	Professor	✓
50	Dr. Sajith V	Professor, MSED	Professor	
51	Dr. Sunil Jacob John	Professor, MAT	Professor	✓
52	Dr. Chithra A.V.	Professor, MAT	Professor	✓
53	Dr. Madhusudanan Pillai V	Professor & HoD, MED	Professor	✓
54	Dr. Biju T Kuzhiveli	Professor, MED	Professor	
55	Dr. Manu R	Professor, MED	Professor	✓
56	Dr. T. Radharamanan	Professor, MED	Professor	
57	Dr. Raghu C	Professor, PHY	Professor	✓
58	Dr. Aji A. Anappara	Professor, PHY	Professor	✓
59	Dr. Suresh Babu T.K	Professor, HAS	Professor	
60	Dr. Andrew Thangaraj	IIT Madras	Ext. member	✓
61	Prof. Leena Abraham	TISS, Mumbai	Ext.member	
62	Prof. Rajan M P	IISER, Trivandrum	Ext. member	✓
63	Dr. Chithra K.	Assoc. Professor & HoD, DAP	Invitee	✓

S.No	Name	Designation	Category	Attendance
64	Dr. Malladi V Pavan Kumar	Assoc. Professor & HoD, CHED	Invitee	✓
65	Dr. Subashini R	Assoc. Professor & HoD, CSED	Invitee	✓
66	Dr. Sunil Mathew	Assoc. Professor & HoD MAT	Invitee	✓
67	Dr. Geetha Gopinath	Asst. Professor & HoD, DED	Invitee	✓
68	Dr. Vari Sivaji Reddy	Assoc. Professor & HoD PHY	Invitee	✓
69	Dr. Sunitha S.	Assoc. Professor & HoD, HAS	Invitee	✓
70	Dr. Nithya M.	Asst. Professor & HoD, DMS	Invitee	✓
71	Dr. Shijo T Thomas	Assoc. Professor & HoD (i/c), MSED	Invitee	✓
72	Dr. Baiju G. Nair	Assoc. Professor & HoD, BSED	Invitee	✓
73	Dr. Gopi Krishna S.	Associate Dean (Academic)	Invitee	✓
74	Dr. Mija S.J.	Associate Dean (Academic)	Invitee	✓
75	Dr. Vineesh Ravi	Associate Dean (Academic)	Invitee	✓

The Registrar (i/c) welcomed the members present to the 101st meeting of the Senate of the National Institute of Technology Calicut and the Chairman called the meeting to order at 4.00 PM. The Chairman-Senate placed on record the excellent services rendered by Dr. Ashok S, Senate Member and Professor-HAG, Department of Electrical Engineering, Dr. R. Sridharan, Senate Member and Professor-HAG, Department of Mechanical Engineering and Dr. M. L. Joy, Senate Member and Professor, Department of Mechanical Engineering, who were superannuated from the services of the Institute. The Chairman, Senate welcomed the invitees to the Senate who have assumed the role of HoDs: Dr. V. Madhusudanan Pillai, Professor, Department of Mechanical Engineering and Dr. Chithra K., Associate Professor, Department of Architecture and Planning.

#### **S101.1: Passing of the Minutes of the 100<sup>th</sup> meeting of the Senate**

##### **Decision:**

The minutes of the **100<sup>th</sup>** meeting of the Senate held on 23<sup>rd</sup> April 2025 were presented for approval. The Senate resolved to approve the minutes incorporating the suggestions received. The final version of the minutes are available here: [100<sup>th</sup>](#)

## Recommendations of the 70th meetings of the Board of Academic Council

### **S101.2 Consideration of Amendments to R9.1 of ORDINANCES and REGULATIONS For Ph.D. Programme (Applicable to 2022-23 Admissions Onwards) for the following Departments: HAS, DMS and EDN and Multi-disciplinary Centres**

#### **Background:**

R9.1 of ORDINANCES and REGULATIONS for Ph.D. Programme (Applicable to 2022-23 Admission Onwards) regarding the constitution of the Doctoral Committee (DC) of research scholars is given below:

*R.9.1 The following is the composition of the Doctoral Committee:*

- i) Chairperson: Professor/Associate Professor within the department /school.*
- ii) Member(s): Research Guide (Convener) and co-guide, if any*
- iii) Member: One faculty member of the Department/School having expertise in the concerned/related area of research*
- iv) Member: One faculty member from allied Departments/Schools within the Institute.*

*The above members including chairperson shall be proposed by the guide, approved by the HoD and further appointed by the Dean (Academic).*

*In case any faculty member goes on long leave/resigns/retires from the Institute or an expert member within/outside the institute is required, the Dean (Academic) shall appoint additional member(s), based on the approval from the HoD.*

In Departments where current faculty enrollment is low and the number of available Associate Professors and Professors is limited (specifically Departments such as Department of Management Studies (DMS), Education (EDN) and HAS), it is quite challenging to constitute the DC for the research scholars. This is applicable for multidisciplinary Centres as well. In this context, it is proposed that R9.1 may be amended for such Departments and the multi-disciplinary Centres as given below:

- i) Chairperson: Professor/Associate Professor within the Department/Centre or any other Department/Centre within the institute.***
- ii) Member(s): Research Guide (Convener) and co-guide, if any***
- iii) Member #1: One faculty member from the Department/Centre having expertise in the concerned/related area of research***
- iv) Member #2: One faculty member from allied Departments/Centres within the Institute.***
- v) Member #3: One Professor/Associate Professor who is an expert in the area of research of the scholar, from a CFI falling within NIRF overall rank of 75. The research guide is required to present a panel of three experts to the Dean (Academic), from***

*which one will be selected and subsequent proceedings will be issued by the Dean (Academic).*

The 70th meeting of the BoAC held on 26th June 2025 resolved to recommend the proposal to the Senate for approval.

**The proposal is put up for the consideration and approval of the Senate.**

**Decision:**

**The Senate discussed the agenda item in detail and decided to approve the amendments. Further, it was decided that the amendments shall be made applicable for PhD students admitted in Monsoon Semester 2024 onwards.**

**S101.3 Consideration of Amendments to MBA Ordinances and Regulations (2023)**

**Background:**

The Department of Management Studies has proposed amendments to a number of sections in 2023 Ordinances and Regulations for the MBA programme. These modifications are proposed in accordance with the changes in the MBA curriculum approved in the 100th meeting of the Senate.

The 70th meeting of the BoAC held on 26th June 2025 resolved to recommend the proposed amendments to the Senate for approval. The amendments finally recommended by the BoAC are available [here](#).

**The proposal is put up for the consideration and approval of the Senate.**

**Decision:**

**The members of the Senate discussed the proposed amendments to the MBA Ordinances and Regulations (2023) in detail. Since the MBA programme is governed by a separate curriculum structure and Ordinance and Regulations, the Senate resolved to approve the proposed amendments. However, the Senate suggested keeping the mandatory attendance requirement mentioned in R.13.1 as 80% instead of the proposed 75%. The proposal is approved by the Senate with this suggested modification available [here](#).**

**S101.4 Consideration of the proposal for new courses from Departments and Centers:**

- (a) **Department of Civil Engineering** - UG Elective CE4049E Advanced Structural Analysis

- (b) **Department of Electronics and Communication Engineering** - UG Elective course: EC3048E Hardware Architectures for Deep Learning
- (c) **Department of Management Studies**-New Courses for MBA programme (as per the modifications in the curriculum approved in the 100th meeting of the Senate):

**Programme Core** - MS6110E Principles of Economics, MS6124E Business Research Theory and Applications, MS6123E Transforming Business Decisions, MS6121E Data Visualisation and Business Analytics, MS6119E Creative Thinking and Case Analysis, MS6113E Managing People in Organisations, MS6122E Business Law and Corporate Ethics, MS6109E Optimization Using Spreadsheets, MS6120E Business Communication

**Programme Electives** - MS7190E Spatial Data Science, MS7191E Time Series Forecasting, MS6140E Consumer Behaviour, MS6150E Conflict and Negotiation, MS7126E Artificial Intelligence in Manufacturing Systems, MS6141E Green Marketing Management, MS6142E Marketing Models and Theories

**New HM basket course for UG programmes:** MS2184E Introduction to Managerial Science

- (d) **Department of Mathematics** - New institute elective (IE) course on Research Methodology for MSc Mathematics: MA6244E Research Methodology
- (e) **Centre for Clean Energy and Circular Economy** - New PG Elective course: CC6001E Geothermal Space Conditioning

#### **Background:**

- a) The Department of Civil Engineering has proposed to include the UG elective course CE4049E Advanced Structural Analysis in the 2023 curriculum. The courses are approved by the DCC of CED. The DCC minutes and the syllabus of the course is attached in [S. 101.4 \(a\)](#)
- b) The Department of Electronics and Communication Engineering has proposed to include the UG elective course EC3048E Hardware Architectures for Deep Learning in the 2023 curriculum. The course is approved by the DCC of ECED. The DCC minutes and the syllabus of the course is attached in [S. 101.4 \(b\)](#)
- c) (i) According to the decision of the 100th meeting of the Senate on minor modifications in the curriculum of PG programmes, the Department of Management Studies has submitted the syllabi of the following approved courses:

PC courses for MBA programme - MS6110E Principles of Economics, MS6124E Business Research Theory and Applications, MS6123E Transforming Business Decisions, MS6121E Data Visualisation and Business Analytics, MS6119E Creative Thinking and Case Analysis, MS6113E Managing People in Organisations, MS6122E Business Law and Corporate Ethics, MS6109E Optimization Using Spreadsheets, MS6120E Business Communication

PE courses for MBA programme - MS7190E Spatial Data Science, MS7191E Time Series Forecasting, MS6140E Consumer Behaviour, MS6150E Conflict and

Negotiation, MS7126E Artificial Intelligence in Manufacturing Systems, MS6141E Green Marketing Management, MS6142E Marketing Models and Theories

(ii) The department proposes to offer a New HM basket course for UG programmes: MS2184E Introduction to Managerial Science

The DCC minutes and the syllabi of the courses are attached in [S. 101.4 \(c\)](#)

- d) The Department of Mathematics has proposed to include a new institute elective course on Research Methodology for MSc Mathematics: MA6244E Research Methodology. The course is approved by the DCC of MAT. The DCC minutes and the syllabi of the courses are attached in [S. 101.4 \(d\)](#)
- e) The Center for Clean Energy and Circular Economy has proposed to include the PG elective course CC6001E Geothermal Space Conditioning in the 2023 curriculum. The course is approved by the DCC of the Centre. The minutes and the syllabi of the courses are attached in [S. 101.4 \(e\)](#)

These proposals for new courses were placed in the 70th meeting of the BoAC for consideration and recommendation to the Senate. BoAC decided to recommend the new courses for the approval of the Senate with minor modifications. It was also decided that the proposal will be placed as a tabled agenda item in the forthcoming meeting of the Senate for final approval.

**The proposal is put up as a tabled agenda item for the consideration and approval of the Senate.**

**Decision:**

**The Senate resolved to approve the new courses proposed by Departments/Centres and their detailed syllabi.**

**S101.5 Consideration of approving the syllabi for skill development courses for students exiting degree programme under Multiple Entry Multiple Exit scheme approved by the Senate**

- a) Department of Chemical Engineering
- b) Department of Civil Engineering
- c) Department of Computer Science and Engineering
- d) Department of Electronics and Communication Engineering
- e) Department of Mechanical Engineering
- f) Department of Electrical Engineering
- g) Department of Materials Science and Engineering
- h) Architecture and Planning
- i) Bioscience and Engineering

## Background:

In the 99th meeting of the Senate, the guidelines for the Multiple Entry Multiple Exit (MEME) scheme for various programmes were approved as given [here](#). According to the guidelines, for Exiting at various levels, the students have to undergo certain skill development courses for the stipulated number of credits.

The syllabi for these skill development courses proposed by the departments of: (a) Chemical Engineering, (b) Civil Engineering, (c) Computer Science and Engineering, (d) Electronics and Communication Engineering, (e) Mechanical Engineering, (f) Electrical Engineering (g) Materials Science and Engineering, (h) Architecture and Planning, and (i) Bioscience and Engineering are available in [S101.5](#).

The 70th meeting of the BoAC resolved to recommend the proposal to the Senate for approval.

## The proposal is put up for the consideration and approval of the Senate.

### Decision:

**The Senate resolved to approve the syllabi for the skill development courses submitted by nine departments.**

## S101.6 Ratification of approvals given by Chairman Senate

- (a) Ratification of Approval given by the Chairman Senate to offer contact courses to B. Tech. students (2021 admissions) so as to meet the minimum credit requirements for the award of degree in the forthcoming 21st Convocation of the institute.
- (b) Ratification of the approval given by the Chairman Senate to induct Co-supervisor to the following research scholars: (i) Ms. Monolita Chatterjee (P230123AR), (ii) Ms. Archana P.M. (P240031CY), (iii) Mr Rinson Varghese (Roll No P220259EC), (iv) Ms. Priya C Kurian (P240152EE) and (v) Ms. Sreedevi Sreedharan (P230199CS).
- (c) Enhancing the intake for M. Tech admissions in the self-sponsored category for the following M. Tech. Programmes: (i) Microelectronics & VLSI offered by ECED and (ii) NanoTechnology offered by MSED

## Background

- (a) The following students have submitted requests for permission to credit a contact course so as to meet the minimum credit requirements for the award of degree in the forthcoming 21st Convocation of the institute. All these students fall short of 3 or 4 credits in meeting the minimum credit requirements for the award of degree. The details of the contact course to be offered, course faculty details, detailed course plan, evaluation methodology etc. were submitted by the department. The requests were recommended by the corresponding DCCs. The approved List is available [here](#).

Sl. NO.	Roll Number	Name	Department	Course code & Name	Course Category	Course Faculty
1.	B210032CS	SHALIN JOHN MATHEW	CSED	CS4021D Number theory and Cryptography	OE	Dr Hiran V Nath
2.	B210523CS	KRISHNA SREENIVASAN	CSED	CS2094D Data Structures Laboratory	PC	Dr Renjith P
3.	B210595CS	ARYAN RISHIKESH SINHA	CSED	CS4021D Number theory and Cryptography	DE	Dr Hiran V Nath
4.	M230178MS	SAJJAD HUSAIN	DMS	MS7143E Strategic Sales Management	PE	Dr Akansha Singh
5.	M230357PH	DHANUSMITH A. V.	PHYSICS	PH7302E Condensed Matter Physics	PC	Dr Maneesh Chandran
6.	B210940EP	ADITHYA DANAJ	PHYSICS	PH4138E Plasmonics & Graphene Photonics	DE	Dr. N. Yogesh
7.	B210740EC	THOTA GOWTHAM GOUD	ECED	EC4012D Radiation & Antenna Theory	PC	Dr Jagadeesh VK
8.	B210771EE	AMGOTH MAHESH VARMA	EED	EE4040D Smart Grid Engineering	OE	Dr Gopakaumar Pathirikkat
9.	B210880EE	ATHUL RAMESHAN	EED	EE4040D Smart Grid Engineering	OE	Dr Gopakaumar Pathirikkat
10.	B210924EE	JADHAV YUVARAJ	EED	EE2004D Microprocessors and Microcontrollers	PC	Dr Nikhil Sasidharan
11.	B210361CE	JAZA NK	CED	CE3005D Transportation Engineering I	PC	Dr. Yogesh V Navander
12.	B210301CE	JOSHUA MARTIN	CED	CE3005D Transportation Engineering I	PC	Dr. Yogesh V Navander
13.	M230474MA	RICHU JOHAN KOSHY	MAT	MA7202E Functional Analysis	PC	Dr Deepesh K P
14	B211014ME	Banoth Abhinav	MED	ME3225E Hydrogen Energy Technologies	OE	Dr Vinod Kumar Sharma
15	B211204PE	Bhukya Tharun	MED	ME4101D Industrial	PC	Dr Vinay

				Engineering		Panicker
16	B211044ME	Saayan Manoj	MED	ME3225E Hydrogen Energy Technologies	OE	Dr Vinod Kumar Sharma
17	M230792ME	Nevin P Nelson	MED	ME6602E Advances Mechanics of Solids	PC	Dr U B Jayadeep
18	B210446CS	Ankit Bharti	CSED	CS4049E Distributed Computing	DE	Mr. Sreenu Naik Bhukya
19	B210537CS	Chimalapati Teja Sri Harsha	CSED	CS4049E Distributed Computing	OE	Mr. Sreenu Naik Bhukya
20	B211068ME	Arjun T R	MED	ME3002D Principles of Heat Transfer	PC	Dr. Simon Peter
21	B201123ME	Ajay Krishnan M	MED	ME3002D Principles of Heat Transfer	PC	Dr. Simon Peter
22	B211276ME	Ansif Jameel C M	MED	ME3002D Principles of Heat Transfer	PC	Dr. Simon Peter
23	B211025ME	Dikshant V Gaikwad	MED	ME4002D Thermal Engineering II	PC	Dr. Vinod Kumar Sharma
24	B211135ME	Kavuri Yaswant Kumar	MED	ME4002D Thermal Engineering II	PC	Dr. Vinod Kumar Sharma
25	B210327CE	Divyansh Naman Singh	CED	CE4002D Structural Analysis III	PC	Dr. Abdul Akbar M
26	B211257CE	Chinmayi N L	CED	CE3003D Numerical Methods in Civil Engineering	PC	Dr. Aniket Sanjay Desai
27.	B210245CH	Shailendra Baghela	CHED	CH3003D Chemical Reaction Engineering I	PC	Dr. Praveen Kumar G
28.	B210252CH	Zaid	CHED	CH4001D Transport Phenomena	PC	Dr. Ahammed Sherif K Y

Considering the future prospects of the students, Chairman- Senate has approved the requests for contact courses submitted by the above 26 students, subject to ratification by the Senate.

**It is requested that the Senate may ratify the approval given by the Chairman, Senate.**

- (b) Ratification of the approval given by the Chairman Senate to induct Co-supervisor to the following research scholars: (i) Ms. Monolita Chatterjee (P230123AR), (ii) Ms. Archana P.M. (P240031CY), (iii) Mr. Rinson Varghese (Roll No P220259EC), (iv) Ms. Priya C Kurian (P240152EE) and (v) Ms. Sreedevi Sreedharan (P230199CS)

### Background

The supervisors of the following research scholars have requested for experts from other institutions/organisations as Co-supervisors. The proposals are available [here](#)

SI No	Name & Roll No of the research scholar	Name of the Supervisor from NIT Calicut	Proposed Co- Supervisor from outside NIT Calicut
1	Monolita Chatterjee (P230123AR)	Dr. Chithra K (DAP)	Prof. Anke Hagemann, Professor at the Habitat Unit/ Chair of International Urbanism and Design, Institute of Architecture, Berlin.
2	Archana P.M. (P240031CY)	Dr. Liza Sreejith (CHY)	Dr. Rekha M. R, Scientist G, Division of Bio Surface Technology, SCTIMST, Trivandrum.
3	Rinson Varghese (P220259EC)	Dr. Bindiya T S (ECED)	Dr. Sooraj K Ambat (Scientist F, NPOL, Kochi).
4	Priya C Kurian (P240152EE)	Dr. Mija S J (EED)	Dr. Asha P Nair Scientist/Engineer G Control Design Division, Control and Guidance Design Group, VSSC, Trivandrum.
5.	Ms. Sreedevi Sreedharan (P230199CS)	Dr. Manjusha K. (CSED)	Dr. Anand S. Sahadevan, Scientist (E), Space Applications Centre, ISRO, Ahmedabad.

The Chairman-Senate has approved the requests submitted by the main supervisor for inducting Co-supervisor to the above research scholars, subject to ratification by the Senate.

**It is requested that the Senate may ratify the approval given by the Chairman- Senate.**

- (c) Enhancing the intake for M. Tech admissions in the self-sponsored category for the following M. Tech. Programmes: (i) Microelectronics & VLSI offered by ECED and (ii) NanoTechnology offered by MSED

### Background

The head of the department of ECE had submitted a request to enhance the intake for M. Tech admissions in the self-sponsored category for the M. Tech. Programme in Microelectronics & VLSI from five to ten. A similar request was received from MSED as well.

The Chairman-Senate has approved the requests, subject to ratification by the Senate.

**It is requested that the Senate may ratify the approval given by the Chairman- Senate.**

**Decision:**

**The Senate resolved to ratify the approvals given by the Chairman Senate with regard to agenda items S101.6 (a)-S101.6 (c)**

**S101.7 Any other item approved by Chair**

- (a) Consideration of the request received from the research scholar Mr. Subin Koshy (Roll No P160069EE) for permission to complete registration to the Monsoon 2025 semester.**
- (b) Consideration of the request received from the research scholar Ms. Regi P Mohan (P150034CE) for permission to complete registration to the Monsoon 2025 semester.**
- (c) Consideration of the request received from the research scholar Mr. Ijas Ahmed M. (Roll No. P160096ME) for permission to complete registration for the Monsoon 2025 semester.**
- (d) Consideration of the request received from the research scholar Mr.Ganesh M R (PI60091ME) for permission to complete registration for the Monsoon 2025 semester.**
- (e) Special permission requests from higher semester UG students for continuing the program of study.**
- (f) Consideration of the proposal for new elective course from BIS Chair Professor- STANDARDISATION FOR INDUSTRIAL EXCELLENCE.**
- (g) Proposal to start M.S. by Research Programmes in all the departments/centres from Winter 2025-26 onwards.**

**Background**

**(a)**

- Mr. Subin Koshy (Roll No. P160069EE) joined as a FT PhD candidate in the Department of Electrical Engineering under the guidance of Dr. Sunitha R (later converted to PT).
- He has completed the permitted maximum duration for the PhD programme as per the applicable regulations.
- Since he has now fulfilled all the mandatory requirements for thesis submission, the Doctoral Committee has recommended that Mr. Subin Koshy may proceed with the Open Presentation on 25 July 2025.
- In view of the above, Mr. Subin Koshy has submitted a request for an extension of his Ph.D. registration by three months to submit his thesis. The request is supported by the minutes of the latest Doctoral Committee meeting, the committee's recommendation for extension, a detailed progress report, and an action plan for the remaining work to be completed within the proposed extension period. The request is available [here](#).

(b)

- Ms. Regi P Mohan (Roll No. P150034CE) joined the part-time PhD programme in July 2015 in the Department of Civil Engineering, under the guidance of Dr. K. Rangaswamy.
- She completed the permitted maximum duration as per the applicable PhD regulations in Dec 2024 (9 years plus the 6-month Covid extension). She has submitted a request for an extension of three months and for completing the registration for the Monsoon 2025 semester.
- Recently, she gave the open presentation and subsequently, her synopsis meeting was conducted on June 27, 2025. The Ph.D. thesis is currently undergoing final corrections and requires a few more days for completion.
- In view of the above, the candidate has submitted a request for extension of PhD registration by three months and for completing the registration for the Monsoon 2025 semester to facilitate the timely submission of her thesis. The requests were recommended by the corresponding DCCs which are available [here](#)

(c)

- Mr. Ijas Ahmed M. (Roll No. P160096ME), a Ph.D. scholar (FT) in the Department of Mechanical Engineering under the guidance of Dr. L.G. Kiran Kumar, has been pursuing his research since December 2016. Over the course of his research, he has published four conference papers, including two in Scopus-indexed proceedings, and one paper in an SCI journal.
- He completed the permitted maximum duration as per the applicable PhD regulations (8 years plus the 6-month Covid extension). He has submitted a request for an extension of one semester and for completing the registration for the Monsoon 2025 semester.
- He is scheduled to appear for the synopsis meeting shortly. He is currently in the process of drafting one more journal paper and writing his Ph.D. thesis.
- In view of the above, Mr. Ijas Ahmed M. has requested an extension of one semester to complete the remaining publication and finalize his thesis. He has attached his work plan outlining the proposed timeline for completion, along with a list of his publications [here](#)

d)

- Mr. Ganesh M R (PI60091ME) joined as a FT PhD candidate in the Department of Mechanical Engineering under the guidance of Dr. Radha Ramanan T. (later converted to PT).
- He has completed the permitted maximum duration for the PhD programme as per the applicable regulations.
- Having fulfilled all the mandatory requirements for thesis submission, the Doctoral Committee has recommended that Mr. Ganesh M R can submit the synopsis.
- The candidate has submitted a request for an extension of Ph.D. registration by three months, along with registration for the Monsoon 2025 semester, to facilitate the timely submission of his thesis. These requests have been recommended by the respective DCCs, and the recommendations are available [here](#).

**It is requested that the Senate may approve the above requests received from three PhD scholars for the extension of their PhD registration**

**Decision:**

**The Senate resolved to approve:**

- I. the requests submitted by Mr. Subin Koshy (Roll No P160069EE), Ms Regi P Mohan (Roll No. P150034CE) and Mr. Ganesh M R (PI60091ME) for the extension of their PhD registration by three months during Monsoon semester 2025-26.
- II. the request received from Mr. Ijas Ahmed M. (Roll No. P160096ME) for the extension of his PhD registration by one semester (i.e., till Winter 2025-26).

**S101.7 (e) Special permission requests from higher semester UG students for continuing the program of study**

**Background**

**R8.1 Minimum Requirement to Continue the Programme (2019 ORDINANCES AND REGULATIONS)**

- A student admitted to B Tech/B Arch programme in the first semester can continue up to the 8th/10th semester, in the ascending order, subject to the conditions that he/she shall become eligible for registration to (i) 3rd semester, only on earning 15 credits, (ii) 5th semester, only on earning 40 credits, (iii) 7th semester, only on crediting all 1st-level courses and earning 65/70 credits as per the relevant curriculum and (iv) 9th semester of B. Arch. only on crediting all 1 st, 2nd and 3rd level courses and earning 90 credits for B Arch as per the relevant curriculum.
- When a student fails to satisfy the above mentioned stipulations at any stage, he/she has to discontinue the programme and leave the Institute. The credit requirements mentioned above do not include OT courses, which are Pass/Fail courses and are not considered for CGPA calculation.

The following B.Tech students listed in Table 1 have secured more than 65 credits as per the relevant curriculum to register for 7<sup>th</sup> semester, but they have at least one first level backlog course.

**Table 1**

Sl. No.	Roll No.	Name	Dept.	Credits Earned	No. of 1 <sup>st</sup> level backlog courses	Details of first-level backlog courses	Recommendation from DCC
1	B210161BT	MOHAMAD RABEEH K	BSED	134	1	MA1002D Mathematics-II	Recommended

2	B210976MT	Faheem M V	MSED	121	1	MA1002D Mathematics-II	Recommended
3	B211166ME	ABHINAND PR	MED	115	1	PH1001D Physics	Recommended
4	B220719EE	ANUSANJ KUMAR SAH	EED	114	1	MA1001D Mathematics-I	Recommended
5	B220532ME	SHREE DEEPTHI GOLLAGARI	MED	112	1	MA1002D Mathematics-II	Recommended
6	B220073PE	Aditya jha	MED	112	1	MA1002D Mathematics-II	Recommended
7	B220356ME	KETHAVATH PRAVEEN	MED	103	1	MA1002D Mathematics-II	Recommended
8	B220044EC	LIYANA MOHAMMED BASHEER	ECED	102	2	MA1001D Mathematics-I PH1001D Physics	Recommended
9	B220276CS	GADDAM HARIVAMSHI	CSED	95	1	ZZ1094D Value Education	Recommended
10	B220151ME	ALSHA SHIBU	MED	91	2	MA1002D Mathematics-II PH1001D Physics	Recommended
11	B220353ME	KEERTHANA	MED	91	1	MA1002D Mathematics-II	Recommended
12	B221217PE	SIDDHARTH M PILLAI	MED	91	2	MA1001D Mathematics-I MA1002D Mathematics-II	Recommended
13	B221286ME	VIJAY A S	MED	90	1	MA1002D Mathematics-II	Recommended
14	B210385CE	ANJANA K S	CED	79	1	CY1001D Chemistry	Recommended
15	B220006EC	ADITI SRILAKSHMI KESHAVA	ECED	78	1	PH1001D Physics	Recommended

16	B221238BT	SREERAM MANIRAJ	BSED	77	1	MA1002D Mathematics-II	Recommended
17	B210926EE	AHAMMED KABEER N	EED	74	2	PH1001D Physics ZZ1001D Engineering Mechanics	Recommended
18	B220339CH	JISHNU JOSEPH	T CHED	74	1	ZZ1003D Basic Electrical Sciences	Recommended
19	B220741EE	ATHARVA MISHRA	EED	72	2	MA1002D Mathematics-II ZZ1002D Engineering Graphics	Recommended
20	B210138BT	BADAVATH SAI	BSED	69	1	ZZ1004D Computer Programming	Recommended
21	B221306PE	AMAL DEV	MED	66	1	MA1001D Mathematics-I MA1001D Mathematics-I	Recommended
22	B210262CH	NAREN MAHALINGAM S V	CHED	142	1	MA1002D Mathematics-II	Recommended
23	B221007CH	MARADA KAVYAMRUTH A VARDHINI	CHED	93	2	PH1001D Physics ZZ1001D Engineering Mechanics	Recommended

The B.Arch student listed in Table 2 below has secured enough credits as per the relevant curriculum to register for 9<sup>th</sup> semester, but he has one third-level backlog course.

**Table 2**

Sl. No.	Roll No.	Name	Dept.	Credits Earned (Excluding OT)	Recommendation from DCC
1	B180353AR	VHANKADE SAIRAM RAMCHANDRA	DAP	179	Recommended to register for 9th sem courses even though 6th sem course AP3009D Structural Design II is yet to be credited.

The following B.Arch students listed in Table 3 have not secured 70 credits as per the relevant curriculum to register for the 7th semester

**Table 3**

Sl. No.	Roll No.	Name	Dept	Credits Earned (Excluding OT)	Recommendation from DCC
1	B220214AR	AZHAN KHAN	DAP	47	Recommended to register for pending courses in lower semesters only
2	B220381AR	MANDAL ATTREYA TAPAN KUMAR	DAP	46	Recommended to register for pending courses in lower semesters only

The following B.Tech students listed in Table 4 have not secured 65 credits as per the relevant curriculum to register for the 7th or 5th semester

**Table 4**

Sl. No.	Roll No.	Name	Dept.	Credits Earned (Excluding OT)	Recommendation from DCC
1	B220152CE	AMALDEV M	CED	60	Recommended
2	B220472CE	PRANAV PREM	CED	56	Recommended
3	B220825CE	DEVIKA.S.K	CED	56	Recommended
4	B220537CE	SIDDHARTH.S.S	CED	39	Not Recommended
5	B220735CE	ASHISH RANJAN	CED	36	Not Recommended
6	B220117CE	ADITHYAN	CED	32	Not Recommended
7	B220892CE	HARI CHANDAN ASHU	CED	30	Not Recommended
8	B210856EE	JOSEPH MARELLO JOSHY	EED	61	Recommended
9	B220781EE	BIBIN THOMAS JOHN	EED	50	Recommended
10	B221131EE	PRINCE	EED	44	Recommended
11	B220909MT	JAGANNATH RAKESH	MSED	42	Recommended

12	B220814CH	CIDDI DINESH BABU	CHED	51	Recommended
13	B221301CH	YASIR	CHED	51	Recommended
14	B220137CH	AJITH D	CHED	61	Recommended
15	B220669CH	ALAN S RAJ	CHED	49	Recommended
16	B210163BT	ADIL SHAFEEK	BSED	63	Recommended
17	B221015CS	MIR MUSTAFA ALI KHAN	CSED	18	Recommended
18	B220507CS	SAGUTURU SRIKANTH	CSED	25	Recommended
19	B210580CS	SHUBHAM CHOUDHURY	CSED	32	Recommended
20	B210579CS	TANISHQ SINGH	CSED	31	Not Recommended
21	B210597CS	VASIMALLA ENOSH	CSED	31	Recommended
22	B210585CS	ABHISHEK KUMAR	CSED	33	Recommended
23	B221220CS	SIDDHI SUJIT GAIKWAD	CSED	34	Recommended
24	B220452CS	PANDIT DINESH SARNATH	CSED	34	Recommended
25	B220568CS	TEJAVATH SAI VIGNESH NAYAK	CSED	55	Recommended
26	B220128CS	ADWAITH S	CSED	49	Recommended
27	B220104CS	ABHISHEK KUMAR SINGH	CSED	51	Recommended
28	B220256CS	DEVIKA S	CSED	55	Recommended
29	B210513CS	TEJ PRATAP SINGH	CSED	59	Not Recommended
30	B210565CS	SAKET KISHORE THAKUR	CSED	5	Not Recommended
31	B220292CS	GIRIJITH	CSED	64	Recommended
32	B221260PE	TIPPAREDDY SHYAM TEJA REDDY	MED	13	Recommended
33	B220094ME	ABHILASH P B	MED	34	Recommended

34	B221102ME	PARTHIP ASHOK	MED	41	Recommended
35	B220790ME	BRINDHA G	MED	46	Recommended
36	B220284ME	GAUTHAM C MANI	MED	48	Recommended
37	B221326ME	ROSHAN RAHMAN P	MED	50	Recommended
38	B220505ME	SABARI KRISHNAN S S	MED	51	Recommended
39	B220098PE	ABHINAV RAJESH	MED	52	Recommended
40	B221306PE	AMAL DEV	MED	60	Recommended
41	B220422MT	NANDALAL A P	MSED	37	Recommended
42	B220791PE	BUDHADEV V	MED	64	Recommended

**It is requested that the Senate may approve the requests received from the above students and permit them to register for Monsoon 2025.**

**Decision:**

**The Senate discussed the agenda item in detail and decided the following.**

1. For UG students who have secured more than 65 credits as per the relevant curriculum to register for the 7th semester, but have at least one first-level backlog course, the following guidelines shall be followed:
  - All the higher semester UG students listed in Table 1 above, who have acquired the required number of credits to register for the 7th semester, but have first level backlog courses will be permitted to register for the Monsoon and Winter semesters 2025 - 2026.
  - These students have to register for all the first level backlog courses available in the respective semester and then for the lower level backlog courses, if any, available in the respective semester as per the B. Tech./B. Arch. regulations.
  - They are allowed to register for the 7th/8th semester courses provided the total credits registered in the respective semester is not more than the normal allowable credit limit of the semester as per the regulations. Faculty Advisors shall monitor the progression of these students on a regular basis.
2. The B.Arch student Mr. VHANKADE SAIRAM RAMCHANDRA (B180353AR) listed in Table 2 above, who has secured enough credits as per the relevant curriculum to register for 9<sup>th</sup> semester, but has one third-level backlog course is permitted to register for 9th semester.
3. For UG students listed in Table 3 and Table 4 above, who have not secured enough credits as per the relevant curriculum to register for the 7th or 5th semester
  - All the higher semester UG students listed in Table 3 and Table 4, who do not satisfy the minimum credit requirements for enrollment in the 5th or 7th semester

shall be permitted to register for the Monsoon and Winter semesters of the academic year 2025 - 2026, provided their cases are recommended by the corresponding DCCs. The requests submitted by the following students are not approved, since the corresponding DCCs have not recommended their cases:

B220537CE SIDDHARTH.S.S  
B220735CE ASHISH RANJAN  
B220117CE ADITHYAN  
B220892CE HARI CHANDAN ASHU  
B210579CS TANISHQ SINGH  
B210513CS TEJ PRATAP SINGH  
B210565CS SAKET KISHORE THAKUR

- Students recommended by corresponding DCCs have to register for lower level backlog courses available in the current semester as per the regulations. They will be allowed to register for higher semester courses (i.e., courses that do not have prerequisite courses) only if the cumulative credits of the backlog courses to be registered in the corresponding semester are below the normal allowed credit limit set forth in the curriculum for that semester.
- Such students are permitted to register for a maximum of six theory courses each during the Monsoon and Winter semesters 2025 - '26. Faculty Advisors shall monitor the progression of these students on a regular basis.
- The list of students who were granted/not granted permission for continuing the program of study is available [here](#)

B. Tech./B.Arch. Ordinances and Regulations 2019 and 2023 have stipulated certain conditions in terms of the minimum credit requirements and the successful completion of the first level courses for the student to continue the programme, which are given below:

As per R 8.1 of the B. Tech./B.Arch. Ordinances and Regulations 2023, a student admitted to B. Tech programmes in the first semester can continue up to 8th semester, provided registration to the final year shall be permitted only after successfully completing all core courses upto and including fourth semester.

As per R 8.1 of the B. Tech./B.Arch. Ordinances and Regulations 2019, the following holds:

- A student admitted to B Tech/B Arch programme in the first semester can continue up to the 8th/10th semester, in the ascending order, subject to the conditions that he/she shall become eligible for registration to (i) 3rd semester, only on earning 15 credits, (ii) 5th semester, only on earning 40 credits, (iii) 7th semester, only on crediting all 1st-level courses and earning 65/70 credits as per the relevant curriculum and (iv) 9th semester of B. Arch. only on crediting all 1st, 2nd and 3rd level courses and earning 90 credits for B Arch as per the relevant curriculum.
- When a student fails to satisfy the above mentioned stipulations at any stage, he/she has to discontinue the programme and leave the Institute.

The Senate noted that the prerequisites already set in the regulations for the progression of the student to the higher semesters can be revisited. The Senate authorized the Dean (Academic) to initiate the process for amending R 8.1 through proper channels involving DCC, BoAC and Senate.

## **S101.7 (f) Consideration of the proposal for new elective course from BIS Chair Professor- STANDARDISATION FOR INDUSTRIAL EXCELLENCE**

### **Background**

- As part of the objectives outlined in the Memorandum of Understanding (MoU) between the National Institute of Technology Calicut (NIT Calicut) and the Bureau of Indian Standards (BIS), it is proposed to introduce a new elective course titled “**Standardisation for Industrial Excellence**”.
- This course is intended to help students understand the importance of standards in improving the quality, safety, efficiency, and competitiveness of industries, both in India and globally.
- In an era defined by rapid technological advancement and a globalized economy, the bedrock of industrial success lies in unwavering commitment to quality, safety, and interoperability.
- For B.Tech final year students at NIT Calicut, understanding the intricate world of standardization is no longer an optional add-on but a critical differentiator.
- The proposed course on “Standardisation for Industrial Excellence,” is designed to equip the students with the essential knowledge and practical skills demanded by modern industries.

The syllabi of the course is available in [S101.7 \(f\)](#)

### **The proposal is put up for the consideration and approval of the Senate**

#### **Decision:**

**The Senate deliberated on the proposal and decided in principle to approve the course. However, the Senate noted that the proposal shall be submitted through BoAC to the Senate, after taking feedback from a few experts in the area .**

## **S101.7 (g) Proposal to start M.S. by Research Programmes in all the departments/centres from Winter 2025-26 onwards.**

### **Background**

- The M.S. by Research programme aims to foster a strong research culture among postgraduate students by allowing them to pursue advanced study with a focus on original and applied research.
- Unlike traditional coursework-heavy programmes, M.S. by Research provides

flexibility in credit distribution and emphasizes independent research, making it suitable for diverse academic and industry-driven pursuits.

- The programme provides a platform to strengthen partnerships with industries, R&D labs, and government agencies by undertaking collaborative research and solving real-world problems.
- The programme helps students get ready for Ph.D. studies by building their skills in research, communication, and innovation, preparing them for careers in academics and research.

**The proposal is put up for the consideration of the Senate**

**Decision:**

**The Senate deliberated on the proposal and authorized the Dean (Academic) to prepare the guidelines and share the same with the DCCs before placing them for the consideration of the BoAC and Senate.**

**The meeting concluded at 6.30 PM with thanks to the Chairman and Senate members.**

**Registrar (i/c) & Secretary**