# MINUTES OF THE 87thMEETING OF THE SENATE

## held on July 14, 2022 at 2.30 PM at Senate Hall, New Administration Block.

### <u>Attendance Report</u>

| 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. P. P. Anil Kumar | Dean (ACR) | Professor | ✓ |
| 4 | Dr. Naseer M A | Dean(P&D) | Professor | ✓ |
| 5 | Dr. Sameer S M | Dean(Academic) | Professor | ✓ |
| 6 | Dr. Sudhakumar J | Dean (FW) | Professor | |
| 7 | Dr. Chandrashekaran K | Professor(HAG),PHY | Professor | ✓ |
| 8 | Dr. Chandrakaran S | Professor(HAG),CED | Professor | ✓ |
| 9 | Dr. Indira P V | Professor(HAG), CED | Professor | ✓ |
| 10 | Dr. M V L R Anjaneyulu | Professor(HAG),CED | Professor | ✓ |
| 11 | Dr. Jose Mathew | Professor(HAG),MED | Professor | ✓ |
| 12 | Dr. Muraleedharan C | Professor(HAG),MED | Professor | ✓ |
| 13 | Dr. Ashok S | Professor(HAG),EED | Professor | ✓ |

| 14 | Dr. Jeevamma Jacob | Professor (HAG), EED | Professor | ✓ |
|---|---|---|---|---|
| 15 | Dr. Shashikala A P | Professor, CED | Professor | ✓ |
| 16 | Dr. Krishnamurthy K | Professor, CED | Professor | ✓ |
| 17 | Dr. Praveen Nagarajan | Professor, CED | Professor | ✓ |
| 18 | Dr. Shiny Joseph | Professor, CHED | Professor | ✓ |
| 19 | Dr. V Sivasubramanian | Professor, CHED | Professor | ✓ |
| 20 | Dr. Lity Alen Varghese | Professor, CHED | Professor | ✓ |
| 21 | Dr. Madhu Kumar S D | Professor, CSED | Professor | ✓ |
| 22 | Dr. Priya Chandran | Professor, CSED | Professor | ✓ |
| 23 | Dr. Lakshmi C | Professor, CY | Professor | ✓ |
| 24 | Dr. Deepthi P P | Professor, ECED | Professor | ✓ |
| 25 | Dr. Sreelekha G | Professor, ECED | Professor | ✓ |
| 26 | Dr. Rijil Ramchand | Professor, EED | Professor | ✓ |
| 27 | Dr. Saly George | Professor, EED | Professor | ✓ |
| 28 | Dr. M S Sunitha | Professor, MAT | Professor | ✓ |
| 29 | Dr. Sunil Jacob John | Professor, MAT | Professor | ✓ |
| 30 | Dr. A Shaija | Professor, MED | Professor | ✓ |
| 31 | Dr. Joy M L | Professor, MED | Professor | ✓ |

| 32 | Dr. Manu R | Professor, MED | Professor | ✓ |
| 33 | Dr. P K Rajendra Kumar | Professor, MED | Professor | ✓ |
| 34 | Dr. Raghu C | Professor, PHY | Professor | ✓ |
| 35 | Dr. Ravi Varma M K | Professor, PHY | Professor | ✓ |
| 36 | Dr. M D Anaul Kabir | Professor, SBT | Professor | ✓ |
| 37 | Dr. N Sandhyarani | Professor, SMSE | Professor | ✓ |
| 38 | Dr. Santosh G thampi | Professor & HoD, CED | Professor | ✓ |
| 39 | Dr. Sindhu T K | Professor, EED | Professor | ✓ |
| 40 | Dr. Vineeth Paleri | Professor, CSED | Professor | ✓ |
| 41 | Dr. Parameshwaran P | Professor, CY | Professor | ✓ |
| 42 | Dr Sushama C M | Professor, MAT | Professor | ✓ |
| 43 | Dr. Jagadanand G | Professor, EED | Professor | ✓ |
| 44 | Dr A Sujith | Professor, CY | Professor | ✓ |
| 45 | Dr. Andrew Thangaraj | IIT Madras | External member | ✓ |
| 46 | Prof. Leena Abraham | TISS, Mumbai | External member | ✓ |
| 47 | Prof. Rajan M P | IISER, Trivandraum | External member | ✓ |

| 48 | Dr. Aparna K | Associate Professor & HoD, CHED | Invitee | ✓ |
|----|--------------|----------------------------------|---------|---|
| 49 | Dr. Muralikrishnan K | Associate Professor & HoD, CSED | Invitee | ✓ |
| 50 | Dr. Rathinasamy K | Associate Professor & HoD, SBT | Invitee | ✓ |
| 51 | Dr. Soney Varghese | Associate Professor & HoD, SMSE | Invitee | ✓ |
| 52 | Dr. Sajith V | Associate Professor & HoD, T&P | Invitee | ✓ |
| 53 | Dr. Jaikumar M G | Assoc Professor & HoD ECED | Invitee | ✓ |
| 54 | Dr. Radharamanan T | Assoc Professor & HoD, SOMS | Invitee | ✓ |
| 55 | Dr. Chitra K | Assoc Professor & HoD DAP(I/c) | Invitee | ✓ |
| 56 | Dr. Haribabu | Assoc Professor & HoD, Physical Education | Invitee | ✓ |
| 57 | Dr Raju Dey | 1st Year coordinator | Invitee | ✓ |
| 58 | Dr. Subashini R | Associate Dean (Academic) | Invitee | ✓ |
| 59 | Dr. Raghu C V | Associate Dean (Academic) | Invitee | ✓ |
| 60 | Dr. Shijo Thomas | Deputy Registrar (Academic) | Invitee | ✓ |

| 61 | Shri. K V Vivek | Assistant Registrar (Academic) | Invitee | ✓ |
|----|----------------|-------------------------------|---------|---|
| 62 | Shri. Vishnu Lal | Research affairs Secretary, SAC | Invitee | ✓ |
| 63 | Shri. D Dheeraj | Academic affairs Secretary | Invitee | ✓ |
| 64 | Cdr. Dr. Shama Sundara | Registrar | Secretary | ✓ |

The Secretary welcomed the members present to the 87th meeting of the Senate of the National Institute of Technology Calicut and the Chairperson called the meeting to order at 2.30 P.M.

## S 87.1: Passing of the Minutes of the 86th meeting of the Senate.

The Senate resolved to approve the minutes of the 86th meeting of the Senate held on 05 January, 2022.

## S 87.2: To consider recommendations of the 52nd Meeting of Board of Academic Council (BoAC)

## S 87.2.1: Consideration of the proposal from the Office of the Dean (Academic) on revising the Ordinances and Regulations for the Ph.D. programme w.e.f 2022-2023 AY.

**Proposal**: To introduce revised Ordinances and Regulations for the Ph.D. programme proposed by the Committee constituted by the Senate with Prof. Rijil Ramchand, Professor, EED as the Chairperson.

**Decision:** Draft Ordinances and Regulations were presented to the Senate. All salient amendments proposed in the draft were explained by Prof. Rijil Ramchand and Dean (Academic).

The Senate resolved to accept the new Ordinances and Regulations applicable for the students admitted from the academic year 2022-23 onwards, with the following modifications.

*1) R 9.1 is modified as below.*

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.

R 9.2 of the draft shall be removed. The subsequent subsections of R9 shall be renumbered accordingly.

*2) R14.2 and R14.3 in the draft shall be combined as*

"Full-time research scholars with Post Graduate Degree shall appear for the comprehensive examination within 18 months after joining the research programme of the Institute."

The subsequent sub sections under R14 shall be renumbered.

*The subsections from R 14.8 to R14.11 in the draft shall be combined as below* :

The objective of the Comprehensive Examination is to test the general capability of the research scholar and the breadth of knowledge related to the chosen field of research. The comprehensive examination shall have 2 parts, a written examination followed by an oral examination. Upon successful completion of the written comprehensive examination, research scholars shall appear for an oral examination in the parent department before a duly constituted expert committee.

The candidates shall have two chances each to pass written and oral examination, failing which the registration shall be canceled.

Detailed procedures for conducting these examinations shall be published by the Office of the Dean (Academic).

*3) In R20 Patent Publication is to be considered as equivalent to Scopus indexed Journal paper.*

Accordingly, R 20. (iv). (c) and R 20. (iv). (d) shall be modified as below.

(c) One paper accepted in a journal covered by Web of Science Core Collection and two Scopus indexed journal papers accepted/two patents published based on the research work carried out.

or

(d) Three Scopus indexed journal papers accepted/three patents published based on the research work carried out.

### 4) In R 19.8 – paternity leave also to be granted to the scholars

Accordingly, R 19.8 shall be modified as below

"Ph.D. scholars are eligible for Maternity/ Paternity leave as per Govt. of India norms issued from time to time at full rates of fellowship once during the tenure of their programme. Dean (Academic) shall sanction the leave based on the certification from a registered medical practitioner and the recommendation of Guide and HoD. The leave thus sanctioned should be reported to the DC. All the leave records shall be monitored and kept by the concerned department."

### 5) In R 22 – submission of hard copies of the thesis to be done away with.

Accordingly, R22.1 shall be modified as below.

"The research scholar shall, within one month of approval of the synopsis by the DC, submit a soft copy of the thesis, in the prescribed format along with other necessary documents as indicated by the academic section. However, the hard copy of the thesis needs to be submitted to the academic section on demand."

The section R 22.3 shall be deleted.

**S 87.2.2: Proposal from Department of Computer Science and Engineering, Department of Mechanical Engineering and Department of Mathematics on revising publication requirements for scholars admitted to Ph.D. programme as per 2017 Ordinances and Regulations.**

**Proposal**: Dept of CSED, MAT and MED submitted proposals for modifying the publication requirements for the Ph.D. scholars.

**Decision:** The Senate discussed in detail the recommendations of the BoAC on the proposal and resolved the following.

"The publication requirements and thesis submission timelines as stipulated in Clauses R23 and R25 in 2017 Ph.D. Ordinances and Regulations shall be replaced with R20 and R22 respectively of the proposed new ordinances and regulations for Ph.D programme as per agenda item S87.2.1."

**S 87.2.3: Proposal from Student Affairs Council (SAC) for including the date of final viva-voce in Ph.D. degree certificate.**

**Proposal:** Currently only the Convocation date is included in the Ph.D. degree certificate. However, for a Ph.D. degree, the date of oral examination is considered as the qualifying date. For Jobs / Promotions, etc generally the qualifying date of a degree is considered. The absence of an actual date of qualification may lead to missing the eligibility criteria in such cases. Hence, SAC proposed to include the viva date and to change the format of the degree certificate.

**Decision:** The Senate resolved to include the date of viva-voice in the Ph.D. degree certificate as a footnote in the existing certificate format. Further, it is also resolved that the signatory in the certificate as "Director" shall be modified as "Director & Chairperson Senate".

**S87.2.4: Proposal from the Department of Computer Science & Engineering on the removal of Attendance Grade from the grade cards.**

**Proposal:** CSED proposed the removal of attendance grade from the grade cards, to reduce the chances of possible errors in the grade card given to the students by reducing the data to be processed. Also, it saves substantial time in the process of verification of data w.r.t. result and grade card preparation.

**Decision:** The Senate resolved to approve the proposal.

**S87.2.5: Proposal from National Academic Depository (NAD) Coordinator on approval for enrollment in Digilocker and Academic Bank of Credits (ABC).**

**Decision:** Senate resolved to approve the proposal from National Academic Depository (NAD) coordinator related to the enrollment in DigiLocker and Academic Bank of Credits (ABC).. The Senate also opined that the Institute shall strive to move to paperless operations.

**S87.2.6: Proposal from Department of Electronics & Communication Engineering for the approval of the new PG elective course.**

**Proposal:** ECED proposed a new M.Tech Elective course EC 6435D: Foundations of Data Analytics, prepared in association with Oxford Brookes University (OBU), UK.

**Decision:** The Senate resolved to approve the proposal. The Senate also opined that this course may be made accessible to students of other departments also as per the applicable Ordinances and Regulations.

**S87.2.7: Proposal from CSED to modify the prerequisite for the course CS4035D, Computer Security.**

**Proposal:** CSED proposed to modify the prerequisite for the course CS4035D: Computer Security as either CS4063D: Topics in Cryptography or CS4021D: Number Theory and Cryptography.

**Decision:** The Senate resolved to approve the proposal.

**S87.2.8: Report of the committee for framing the guidelines for multidisciplinary UG projects.**

**Proposal:** Multidisciplinary research involving experts from different disciplines has the capacity to bring in many projects that lead to innovations and patents. The National Education Policy 2020 (NEP 2020) also envisages transformation of Higher Education Institutions (HEls) into Multidisciplinary Institutions which can promote Multidisciplinary Research to a great extent. In view of the above, the committee recommends that the students may be encouraged to undertake multidisciplinary work involving different departments, as their final projects.

**Decision:** The Senate resolved to approve the proposal. The Senate also recommended a modification in the proposed certificate format; "Name of the HoD" shall be removed from the space provided for the signature of the HoD.

**S87.3: Recommendations of the 53rd Meeting of the Board of Academic Council.**

**S87.3.1: Consideration of the proposal from the Department of Architecture & Planning for a Ph.D. level course.**

**Proposal:** A course titled AP8121D: Universal Design and Access Auditing as a regular Ph.D. level course was proposed by the Department of Architecture & Planning .

**Decision:** The Senate resolved to approve the proposed course as a PG elective course rather than a Ph.D. level course so that the course can be credited by both Ph.D. and PG students. Accordingly, the course code shall be suitably modified.

**S87.3.2: Consideration of the proposal from the HoD, Department of Physical Education for an undergraduate (UG) open elective course.**

**Proposal:** HoD, Department of Physical Education proposed the course PT3001D: Health, Wellness & Personal Fitness as an open elective course for the UG students.

**Decision:** The Senate resolved to approve the proposed course.

**S87.3.3: Consideration of the proposal from Chairperson, Centre for Indian Knowledge Systems for two UG open elective courses.**

**Proposal:** Chairperson, Centre for Indian Knowledge Systems proposed the following courses as open electives for UG students.

1. IK3001D: Basic Sanskrit.
2. IK3002D: Introduction to Indian Knowledge Systems.

**Decision:** The Senate resolved to approve the proposed courses.

**S87.3.4: Consideration of the proposal from Chairperson, Centre for Innovation, Entrepreneurship and Incubation for UG open elective courses.**

**Proposal:** Chairperson, Centre for Innovation, Entrepreneurship and Incubation proposed the following courses as open electives for UG students.

1. IE3001D: Design Thinking
2. IE3002D: Product Design and Development
3. IE3003D: Leadership, Innovation and Business Models
4. IE3004D: Intellectual Property, Value Creation and Value Capture.

**Decision:** The Senate resolved to approve the proposed courses.

**S87.3.5: Consideration of the proposal from Chairperson, Centre for Yoga and Holistic Wellness for B.Tech open elective courses, Architecture of Wellness, Yoga and Mindfulness.**

**Proposal:** Chairperson, Centre for Yoga and Holistic Wellness proposed the following courses as open electives for UG students.

1. YW3001D: Architecture of Wellness
2. YW3002D: Yoga and Mindfulness

**Decision:** The Senate resolved to approve the proposed courses.

The Senate also opined that sufficient practical and research components shall be included in all the newly introduced courses.

**S87.4 : Items for Ratification.**

**S87.4.1: Ratification of Information Brochure for Ph.D. admission 2022-23 under various schemes, approved by Chairman, Senate.**

**Decision:** The Senate resolved to ratify the proposed item.

**S87.4.2: Ratification of Institute Fee Refund Rule.**

**Decision:** The Senate resolved to ratify the proposed item.

**S87.4.3: Ratification of permission granted by Chairman Senate to Mr.Unnikrishnan P, Ph.D. student Roll No. P110032CS for registering for the Winter 2021-22 semester.**

**Decision:** The Senate resolved to ratify the proposed item.

**S87.4.4: Ratification of MOU signed by Chairman Senate with outside institutes/organizations.**

**Decision:** The Senate resolved to ratify the proposed item.

**87.5: Any other matter with permission of chair**

**87.5.1: Proposal from IIT Hyderabad to sign MoU with NITC**

**Proposal:** The Senate discussed in detail the MoU with IIT Hyderabad.

**Decision:** After detailed discussion the Senate resolved to constitute a committee with the following members for scrutinizing the MoU and all such MoUs with other Universities in the interest of the Institute.

1. Dr. Jose Mathew, Professor (HAG), MED
2. Dr. Ravi Varma, Professor, PHY
3. Dr. Deepthi P P, Professor, ECED
4. Dr. Murali Krishnan K, Associate Professor, CSED

**S87.5.2: Request from Research Affairs Secretary to review clause R-22.6 in the 2017 ordinances and regulations for Ph.D. programme on maternity/paternity leave for research scholars.**

**Proposal:** It was proposed to introduce Paternity leave as per Govt. of India norms to the Ph.D. scholars.

**Decision:** The Senate resolved to approve the proposal.

R22.6 of 2017 Ordinances and Regulations shall be modified as below :

"Ph.D. scholars are eligible for Maternity/ Paternity leave as per Govt. of India norms issued from time to time at full rates of fellowship once during the tenure of their programme. Dean (Academic) shall sanction the leave based on the certification from a registered medical practitioner and the recommendation of Guide and HoD. The leave thus sanctioned should be reported to the DC. All the leave records shall be monitored and kept by the concerned department."

**S87.5.3 : Proposal from the office of Dean(Academic) for extension of Maximum duration of Ph.D. programme for scholars admitted from 2014 July to 2019 December as a compensation due to COVID related closure of the Institute.**

**Proposal:** Full-time research scholars admitted in the academic year 2014 (Monsoon session) will be completing their maximum period in July 2022. It has been noted that most of the research scholars could not work in the laboratories almost fully in the academic year 2020-21 due to COVID related restrictions and closure of Institute laboratories. Hence, it is proposed to extend the maximum duration of the programme for scholars admitted from Monsoon 2014 to

Winter 2019 (full time) and Monsoon 2013 to Winter 2019 (part time) by six months. However, the scholarships for all scholars will be governed by the respective rules and in any case, it will not be extended beyond the specified duration.

**Decision:** The Senate resolved to approve the proposal.

**S87.5.4 : Proposal from the office of Dean(Academic) for Relaxation of conditions for registering B.Tech students.**

**Proposal:** The academic activities of the Institute were disturbed significantly in the last two years due to the prevailing conditions of Pandemic. Since multiple academic calendars were running, many students were unable to register for some courses required as per the curriculum. Even though various relaxations on minimum credit requirements, probation clauses etc were given to students to continue the programmes during pandemic, it is observed that a few students are facing difficulties in registering for the Academic year 2022-23 due to lack of minimum requirements to continue the programme as per the applicable Ordinances and Regulations. Hence, it is proposed that the Dean Academic shall be entrusted to provide appropriate relaxation on a case by case basis as a one time measure.

**Decision:** The Senate resolved to approve the proposal.

**S87.5.5 : Report on the outcome of faculty recruitment 2022.**

**Decision:** Director briefed the outcomes of the faculty recruitment that happened in the month of May-June, 2022. The Senate placed on record appreciation to all who worked for the successful completion of the faculty recruitment.

**87.5.6 : Appointment of faculty in ECE dept, Prof. Sundar Rajan (IISC Bangalore) as Adjunct Faculty.**

**Decision:** The Senate resolved to approve the proposal to appoint Prof. Sundar Rajan (IISC Bangalore) as Adjunct Faculty in the department of Electronics and Communication Engineering. The Senate further appreciated the engagement of such experts and opined that all departments shall explore the possibilities of such engagements.

**87.5.7 : Modification of Student Conduct and Disciplinary code 2007.**

**Proposal:** Modifications in the current student conduct and disciplinary codes were proposed by ICC in the Senate in accordance with UGC Regulations 2015 (Prevention, Prohibition and

redressal of sexual harassment of women employees and students in higher educational institutions).

**Decision:** The Senate resolved to approve the amendments proposed by ICC in Student Conduct and Disciplinary code 2007, with modifications suggested by the Senate.

**87.5.8 : Request from Ph.D. scholars for final semester extension who have completed maximum duration.**

**Proposal:** Following Ph.D. scholars have requested for one semester extension as they have completed maximum duration for the Ph.D. programme citing genuine reasons.

1. Mr. Jithin Raj T K (P130088CY)
2. Ms. Tesi Thomas (P120082CY)
3. Ms. Rajina Rahiman V (P120116AR)
4. Mr. Ilshadsabah (P130024BT)

**Decision:** The Senate resolved to approve the proposal under the condition that the Supervisors of the respective scholars shall inform the Dean(Academic) about the strict timeline for the submission of the thesis.

The meeting concluded at 6.00 PM.

**Registrar & Secretary**