

# NATIONAL INSTITUTE OF TECHNOLOGY SIKKIM

(An Institution of National Importance, Ministry of Education, Govt. of India)

## Minutes of the 22<sup>nd</sup> Meeting of the Senate

The 22<sup>nd</sup> Meeting of the Senate was held on 24<sup>th</sup> September 2022 at 04:00 PM under Chairmanship of Prof. Mahesh Chandra Govil, Director & Chairman, Senate in the conference room of the Institute. The following members were present in the meeting:

|   |                     |
|---|---------------------|
| <b>Prof. Mahesh Chandra Govil</b><br>Director                   | Chairman, Senate    |
| <b>Prof. Lalit Kumar Awasthi</b><br>Director, NIT Uttarakhad    | External Expert     |
| <b>Prof. Virendra Singh</b><br>Professor, IIT Bombay            | External Expert     |
| <b>Prof. Adrijit Goswami</b><br>Professor, IIT Kharagpur        | External Expert     |
| <b>Prof. Nupur Tandon</b><br>Professor, MNIT Jaipur             | External Expert     |
| <b>Dr. Achintesh N. Biswas</b> , Dean Admin & HoD, Chemistry    | Member              |
| <b>Dr. Dhananjay Tripathi</b> , Dean Faculty Welfare & HOD, HSS | Member              |
| <b>Dr. Sangram Ray</b> , HoD, CSE                               | Member              |
| <b>Dr. Pratyay Kuila</b> , Dean R & C                           | Member              |
| <b>Dr. Shambhunath Barman</b> , HoD, ME                         | Member              |
| <b>Dr. Sanjay Kumar Jana</b> , HoD, ECE                         | Member              |
| <b>Dr. Ravi Stivastava</b> , HoD, Maths                         | Member              |
| <b>Dr. Sourav Mallick</b> , Dean Student Welfare                | Member              |
| <b>Dr. Aurobinda Panda</b> , Dean PD & HoD EEE                  | Member              |
| <b>Dr. Ranjan Basak</b> , Dean Academic Cum Registrar (I/c)     | Secretary           |
| <b>Dr. Molay Roy</b> , Associate Dean                           | Coordinating Member |
| <b>Mr. Ram Nepal</b> , Assistant Registrar                      | Coordinating Member |

At the outset, the Chairman welcomed all the members present in the meeting. The following agenda items were placed for discussion and accordingly decisions were taken as under;

**Item No.22.01: To confirm the Minutes of the Meeting of the 21<sup>st</sup> Senate held on 28<sup>th</sup> June 2022.**

The minutes were circulated amongst the members, no comments were received. The minutes of the meeting of 21<sup>st</sup> Senate were unanimously confirmed.

**Item No.22.02: Action Taken Report.**

The Senate noted the academic reports and the action taken by the Institute. The actions taken by the Institute were appreciated by the members.

**Item No.22.03: To nominate external members for the Senate.**

The Senate nominated the following Professors as external members on the Senate as per the Acts and Statues of the NITSER:

- |  |                 |
|--|-----------------|
| i) <b>Prof. Lalit Kumar Awasthi</b><br>Director, NIT Jalandhar | External Expert |
| ii) <b>Prof. Virendra Singh</b><br>Professor, IIT Bombay       | External Expert |
| iii) <b>Prof. Adrijit Goswami</b><br>Professor, IIT Kharagpur  | External Expert |
| iv) <b>Prof. Nupur Tandon</b><br>Professor, MNIT Jaipur        | External Expert |

As the institute is new and the faculty at the level of Associate Professor and Professor is not available in the Institute, Senate raise the requirement of senior faculty on the Senate to represent the various discipline and one or two professors from each discipline can be invited as and when deemed necessary. Thus, Senate also approved a panel of Professors from reputed institutions such as NITs/IITs/IIITs to act as external members to represent the various departments and the external member(s) will be invited in the Senate meeting to guide and ensure the best practices of teaching-learning. This will also help in achieving various objectives of NEP2020. The duration of the external members on the senate will be two years from 01<sup>st</sup> Oct. 2022.

The Senate has empowered the Chairman Senate to invite the Professors from the panel as per the requirement of the Senate on the recommendation of the Dean Academic. The List of external experts is appended at **Annexure-I**.

**Item No.22.04: To consider and approve the M.Tech. Program in two specialisations in the Department of Electronics and Communication Engineering.**

The Senate approved the M.Tech. program in Electronics and Communication Engineering with the following two specialisations in the

Department of Electronics and Communication Engineering to be offered from academic session 2023-24:

- a) VLSI and Embedded Systems
- b) Communication and Signal Processing

**Item No.22.05: To consider and approve the award of Ph.D. degree in Engineering in the next Convocation.**

The Senate approved the award of Ph.D. Degree to the following candidates in the next convocation:

| S. No. | Name of the Ph.D. Scholar  | Department/Title of the Thesis/Name of the Supervisor(s)  | Date of TODE |
|--------|--|---|--------------|
| 1      | <b>Mr. Ajit Mahata</b><br>Roll No.<br><b>PHPH16025</b><br>Registration No.<br><b>2017050036</b>    | <b>Department:</b> Physics<br><b>Title of the Thesis:</b> Time Scales and Characteristics of Stock Markets.<br><b>Name of Supervisor:</b> Dr. Md. Nurujjaman, Assistant Professor, Dept. of Physics, NIT Sikkim   | 27.07.2022   |
| 2      | <b>Ms. Priti Gupta</b><br>Roll No.<br><b>PHEC180002</b><br>Registration No.<br><b>2019050060</b>   | <b>Department:</b> ECE<br><b>Title of the Thesis:</b> Design of Transconductance-Capacitance based Loop Filter for PLL Applications.<br><b>Name of Supervisor(s):</b> Dr. Sanjay Kumar Jana, Assistant Professor, Dept. of ECE, NIT Sikkim                    | 05.08.2022   |
| 3      | <b>Mr. Subhanil Maity</b><br>Roll No.<br><b>PHEC16014</b><br>Registration No.<br><b>2017050045</b> | <b>Department:</b> ECE<br><b>Title of the Thesis:</b> Design of Power and Area Optimised High-Speed Frequency Divider.<br><b>Name of Supervisor(s):</b> Dr. Sanjay Kumar Jana, Assistant Professor, Dept. of ECE, NIT Sikkim                                  | 16.08.2022   |
| 4      | <b>Mr. Arindam Singha</b><br>Roll No.<br><b>PHEE16001</b><br>Registration No.<br><b>2016050025</b> | <b>Department:</b> EEE<br><b>Title of the Thesis:</b> Intelligent Networked Robotic Systems<br><b>Name of Supervisor(s):</b> Dr. Anjan Kumar Ray, Assistant Professor, Dept. of EEE, NIT Sikkim and Prof. Arun Baran Samaddar, Honorary Professor, NIT Sikkim | 14.09.2022   |

**Item No.22.06: To consider and approve the cancellation of enrolment of Mr. Santanu Kumar Mishra, a Ph.D. Scholar from the Institute.**

The Senate approved the cancellation of the enrolment of Mr. Santanu Kumar Mishra bearing enrollment No PHCS160004 of the Computer Science and Engineering Department based on the recommendation of the DPGC with immediate effect.

**Item No.22.07: To consider and approve the distribution of the faculty positions in various academic departments of the Institute.**

The Senate deliberated the matters to distribute the sanctioned faculty positions with the ratio of 1:2:4 for Professor, Associate Professor and Assistant Professor respectively. The Institute has currently thirty- eight (38) sanctioned faculty positions and the distribution recommended by the Senate are Five (05) for Professor, Eleven (11) for Associate Professor and Twenty-Two (22) for Assistant Professor. However, NITs are having flexible faculty structure; Hence the distribution of posts is notional. Higher posts can be filled with lower posts as per the directions of the BoG. The Chairman Senate is empowered to distribute the faculty in the various department as per the requirement.

**Item No.22.08: To consider and approve the academic calendar of B. Tech. 1<sup>st</sup> Semester for the session 2022-23.**

The Senate approved the following academic calendar for the First semester B. Tech. program for the academic session 2022-23:

| S. No. | Activities                       | B.Tech. 1 <sup>st</sup> Semester |
|--------|----------------------------------|----------------------------------|
| 1      | Induction Program                | November 10, 2022                |
| 2      | Commencement of Class            | November 14, 2022                |
| 3      | First Mid-Term Examination       | December 12-14, 2022             |
| 4      | Second Mid-Term Examination      | January 16-18, 2023              |
| 5      | End-Term Examination             | February 20- 25, 2023            |
| 6      | Practical/ Sessional Examination | February 27- March 04, 2023      |
| 7.     | Declaration of Result            | March 10, 2023                   |
| 8      | Commencement of Even Semester    | March 13, 2023                   |

The Senate has empowered the Chairman to revise the academic calendar as per the requirement.

### Agenda for Ratification

**Item No.22.09: To ratify the grant of extension to Research Scholars after the completion of Five (05) years of registration.**

The Senate has ratified the extension for pursuing the Ph.D. program beyond

five years for the following scholars as approved by the Dean Academic.

| Sl. No. | Name and Enrolment No.          | Dept.   | Date of completion of Five-year from initial Registration | Extension approved earlier by the Senate | Further extension recommended by Senate (In Month)                    |
|---------|---------------------------------|---------|---|--|---|
| 1       | Vivek Kumar (PHCS16026)         | CSE     | 15.08.2021  | 12 months<br>15.08.2022                  | Recommended for 12 months<br>(Till 14.08.2023)                        |
| 2       | Rahul Deo Verma (PHCS160002)    | CSE     | 17.01.2021  | 18 months<br>17.07.2022                  | Recommended for 6 months<br>(Till 16.01.2023)                         |
| 3       | Pintu Kumar Ram (PHCS170002)    | CSE     | 08.03.2022  | 6 months<br>08.09.2022                   | Recommended for 12 months<br>(Till 07.09.2023)                        |
| 4       | Keshab Das (PHEC16011)          | ECE     | 28.02.2021  | 18 months<br>28.08.2022                  | Recommended for 6 months<br>(Till 27.02.2023)                         |
| 5       | Jayati Routh (PHEC160008)       | ECE     | 28.02.2021  | 18 Months<br>28.08.2022                  | Recommended for 6 months<br>(Till 27.02.2023)                         |
| 6       | Sudhansu Sekhar Das (PHEE16028) | EEE     | 15.09.2021  | 12 months<br>15.09.2022                  | Recommended for 4 months<br>(Till 14.01.2023)                         |
| 7       | Prasan Ralph Dewan (PHME16003)  | ME      | 25.02.2021  | 18 months<br>25.08.2022                  | Recommended for 6 months<br>(Till 24.02.2023)                         |
| 8       | Aditya Kumar Singh (PHME16021)  | ME      | 16.08.2021  | 12 Months<br>16.08.2022                  | Recommended for 6 months<br>(Till 15.02.2023)                         |
| 9       | SrijanaSubba (PHCH170002)       | Chem    | 04.08.2022  | -  | Recommended for 6 months<br>(Till 03.02.2023)                         |
| 10      | Debanjan Mukherjee (PHEE170005) | EEE     | 04.08.2022  | -  | Recommended for 6 months<br>(Till 03.02.2023)<br>(synopsis submitted) |
| 11      | George Biswas (PHPH17001)       | Physics | 01.03.2022  | 06 months<br>01.09.2022                  | Recommended for 6 months<br>(Till 28.02.2023)                         |

**Item No.22.10:** To ratify the courses with respective course codes offered as Ph.D. course work in the Department of Physics and Department of Humanities and Social Sciences.

The Senate has ratified the following courses and its course code to be offered in the Ph.D. Course work from 2022-23 academic session:

**Department of Physics;**

- a) Time Series Forecasting (PH31107)

**Department of Humanities and Social Sciences;**

- a) Health Across the Gender Spectrum (HS31106)
- b) Environment and Development (HS31107)

The Senate has also empowered the Chairman Senate to finalise the following course as proposed by the Department of Physics in consultation with the subject experts:

- a) Machine Learning and Deep Learning (PH31106)

**Item No.22.11: To ratify the cancellation of enrolment of students from the Institute.**

The Senate ratified the withdrawal request of the following students from the programs:

| Roll. No.  | Name                 | Program |
|------------|----------------------|---------|
| B210030CS  | Soumya Ranjan Behara | B.Tech. |
| B190054EC  | Kamala Pudi Anusha   | B.Tech. |
| B210058EC  | Pemba Sherpa         | B.Tech. |
| M210050EE  | Sujit Kumar Mazumdar | M.Tech. |
| PHEE220007 | Shanu Shit           | Ph.D.   |
| PHMA210011 | Shubhendu Mandal     | Ph.D.   |

The Institute will issue the final enrolment cancellation notice to the respective students.

**Item No.22.12: To ratify the decisions taken in the meeting of Heads and Deans.**

The Senate ratified the minutes of the meeting.

**Agenda for Reporting****Item No.22.13: To report the academic calendar for the 1<sup>st</sup> semester M.Tech. and M.Sc. (Chemistry) programs for Academic Session 2022-23.**

The Senate noted the academic calendar of M.Sc. (Chemistry) and M.Tech. for the academic session 2022-23 which has been implemented with the approval of the Chairman Senate.

The academic calendar is appended below:

| S.No. | Activities                       | Date (s)             |
|-------|----------------------------------|----------------------|
| 1.    | Commencement of Class            | August 30, 2022      |
| 2     | First Mid-Term Examination       | October 12-14, 2022  |
| 3     | Second Mid-Term Examination      | November 14-16, 2022 |
| 4     | End-Term Theory Examination      | December 12-17, 2022 |
| 5     | Practical/ Sessional Examination | December 19-23, 2022 |
| 6     | Declaration of Result            | December 24, 2022    |
| 7     | Commencement of Even Semester    | January 16, 2023     |

**Item No.22.14: Any other items with the permission of the Chair.**

No such items were placed in the meeting.

The meeting was concluded with the vote of thanks to the chair.

*RBA* 27-09-22

**Dean Academic & Registrar (I/c)**

Director & Chairman

*mgl*  
27/9/22