

**NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH**

Taramani, Chennai – 600 113

**Minutes of the 59<sup>th</sup> Meeting of the Board of Governors (through Hybrid mode)  
held on 21.09.2024, Saturday at 11:30 a.m. in the Board Room of NITTTR, Chennai**

The following Members were present at the Meeting:

01	<b>Shri Govind Jaiswal IAS</b> Joint Secretary (TEL), Ministry of Education, Department of Higher Education, New Delhi – 110 001	Chairman
02	<b>Shri K.V Udaya Kiran</b> Under Secretary Integrated Finance Division, Ministry of Education, Department of Higher Education, New Delhi – 110 001	Representative of JSFA
03	<b>Dr. N.H. Siddalinga Swamy</b> Adviser - II (Administration Bureau), All India Council for Technical Education, Nelson Mandela Marg, Vasant Kunj, New Delhi-110 070	Member AICTE, New Delhi
04	<b>Shri V. Padma Rao</b> Joint Director, Directorate of Technical Education, F.NO.301, Garudadri K.K Towers, Lakshmi Narasimha Colony, Service Road, Near Dr. YSR Aarogyasri Healthcare Trust, Mangalapuri, Guntur-522503, Andhra Pradesh	Representative of DTE, Andhra Pradesh
05	<b>Dr. R. Santhakumar</b> Professor & Head Department of Civil Engineering NITTTR Chennai.	Member (Faculty Representative)
06	<b>Dr. Usha Natesan</b> Director, NITTTR, Chennai.	Member Secretary

The above members have attended the Board meeting through video conferencing except Dr. Usha Natesan, Director & Dr. R. Santhakumar, Professor, NITTTR Chennai who have attended through contact mode. The following members could not attend the meeting:

1. The Director of Technical Education,  
3, Mahapalika Marg, Post Box No.1967,  
Opp. Metro Cinema, Mumbai – 400 001  
Maharashtra.
2. Commissioner of Technical Education,  
53, Sardar Patel Road, Anna University,  
Guindy, Chennai- 600 025

4. Commissioner of Technical Education  
Directorate of Skill Development, Bhopal - 482008,  
Madhya Pradesh.

Since the tenure of the Chairman, BoG was vacant from 27.02.2024, the members of the Board had nominated Shri Govind Jaiswal IAS, Joint Secretary (TEL) to chair the 59<sup>th</sup> Board of Governors meeting.

At the outset, Dr. Usha Natesan, Member Secretary welcomed all the members to the 59<sup>th</sup> Meeting of the Board of Governors and briefed about the major activities / achievements of NITTTR Chennai during August 2024. The details are enclosed as Annexure1.

The items on the agenda were taken up for consideration, deliberations and decisions are as under:

**Item No. BoG.59.01.01**

**To consider and confirm the minutes of 58<sup>th</sup> Meeting of the BoG held on 22.08.2024**

**Res. No. BoG.59.01.01/2024-25**

The Board confirmed and approved the minutes of the 58<sup>th</sup> Meeting of the BoG held on 22.08.2024.

**Item No.BoG.59.02.01**

**To report the action taken on the various resolutions passed at 58<sup>th</sup> Meeting of the BoG held on 22.08.2024**

**Res. No. BoG.59.02.01/2024-25**

The Board noted the action taken by the Institute on the various resolutions passed in the 58<sup>th</sup> Meeting of the BoG held on 22.08.2024 and approved the same.

**Item No.BoG.59.03.01**

**To consider the Agenda and Notes being placed before the 54<sup>th</sup> Meeting of the Finance Committee**

**Res. No. BoG.59.03.01/2024-25**

The Board discussed the recommendations made by the Finance Committee (FC) on the agenda items placed in the 54<sup>th</sup> meeting of the FC held on 21.09.2024 as listed below and separate minutes has been prepared based on the discussion during the meeting of the Finance Committee.

Item No.	Items
54.01.01	To consider and confirm the minutes of the 53 <sup>rd</sup> Meeting of the Finance Committee held on 20.06.2024
54.02.01	To report about the action taken on the various resolutions passed at the 53rd Meeting of the Finance Committee held on 20.06.2024
54.02.02	To report about the details regarding grants received and progress of expenditure of the Institute up to 31.07.2024
54.03.01	To consider and approve the Revised Annual Accounts of the Institute for the year 2023-24 for submission to the Audit
54.03.02	To consider and approve the Enhancement of Various Allowances on Account of Revised Rates of Dearness Allowance to 50%
54.03.03	To consider and approve the T.A. on transfer for Prof. Dr. Usha Natesan, Director, NITTTR Chennai
54.03.04	To consider and approve the expenses of Diamond Jubilee Celebration of NITTTR Chennai
54.03.05	To consider and approve Minutes of the Committee Meeting for the Fixing/Revising the rent for Trainees Guest House, International Guest House, Classrooms, Seminar Halls, Auditoriums, Cafeterias, etc.
54.04.01	To consider any other item(s) with the permission of the Chair

**Item No.BoG.59.04.01**

**To report the activities of the Institute carried out during August 2024**

**Res. No. BoG.59.04.01/2024-25**

The Board went through the activities of the Institute carried out during August 2024 and noted the same.

**Item No.BoG.59.04.02**

**To report on the MoUs signed between NITTTR Chennai and various Institutions**

**Res. No. BoG.59.04.02/2024-25**

The Board noted the MoUs signed between NITTTR Chennai and various Institutions.

**Item No.BoG.59.05.01**

**To consider and approve the proposal on “Virtual Learning Environment for Polytechnic Skill Education” under SWAYAM Project**

**Res. No. BoG.59.05.01/2024-25**

The Board went through the proposal of “Virtual Learning Environment for Polytechnic Skill Education” under SWAYAM Project and approved the same. The Board also suggested to send the proposal to SWAYAM Board Meeting for its approval.



**Item No.BoG.59.05.02**

**To consider and approve the vacant post of Assistant Professor in Education with specialization in Psychology**

**Res. No. BoG.59.05.02/2024-25**

The Board approved the vacant post of Assistant Professor in Education with specialization in Psychology and to advertise accordingly.

**Item No. BoG.59.06.01**

**To ratify the offer of appointment to the wait listed candidate for the Professor of Education since the selected candidate not willing to accept the offer**

**Res. No. BoG.59.06.01/2024-25**

The Board ratified the request letter from Dr. K.S. Giridharan informing his non-acceptance to the offer of appointment of Professor in Education post and his Technical resignation to join the post of Professor at Department of Rural & Entrepreneurship Development. Hence the offer of appointment to the waitlisted candidate Dr. V. VANDHANA DEVI was sent for the post of Professor in Education.

**Item No.BoG.59.06.02**

**To ratify the transfer of Faculty and Staff members to Extension Centres and Headquarters**

**Res. No. BoG.59.06.02/2024-25**

The Board ratified the transfer of Faculty and Staff Members to Extension Centres and Headquarters.

The meeting ended at 12.00 noon with vote of thanks to the Chair.

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**CHAIRMAN (BoG)  
[Nominated]**

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21/9/24

**DIRECTOR / MEMBER SECRETARY**

**NATIONAL INSTITUTE OF  
TECHNICAL TEACHERS TRAINING AND RESEARCH, CHENNAI  
Institute Activities in August 2024**

**Revenue generated (August 2024): ₹.12,43,737/-**

**Number of Participants Trained:**

- **PDP Courses** - 638
- **NITTT** - 16058

**1. Proposal submitted /awarded for Sponsored Research Projects**

- Submitted a proposal to AICTE for establishment of AICTE - IDEA Lab in NITTTR Chennai

**2. Patents**

- Patent filed by NITTTR Chennai on **Ornithopter-Inspired Unmanned Aerial Vehicle for Real-Time Intruder Detection and Data Preservation**, Inventors: Dr.Usha Natesan, Dr.K.S.Giridharan, Er.M.Sutaarson, Application No.202441062129 A, 16.08.2024.
- Patent No: 532276 granted on **Real time drowsiness and fatigue detection for bikers using helmet**, Inventors: Dr.R.Swathika, M.Oviyaa, P.Renvitha, Dr.I.Joe Louis Paul, Dr.S.Sasirekha, 09.04.2024.

**3. Publications**

- G.Surendar, E.Balasubramanian, P.Vikram, Lung-Jieh Yang, C.Sarath Kumar, M.Kumaresan, **Hybrid Floating Drone for Real-time Water Quality Monitoring in Flooded Areas**, Journal of Aircraft Engineering and Aerospace Technology (Under Process).

**4. Academic Activities**

- Comprehensive **Roadmap for improving the quality of Technical Education in Tamil Nadu** has been prepared and submitted to Mr.Pradeep Yadav, IAS, Additional Chief Secretary to Government of



Tamil Nadu by Director, NITTTR Chennai in the presence of Mr.T.Abraham, IAS, Commissioner, Directorate of Technical Education, Tamil Nadu on 19.08.2024.

- Entrance examination for PG and Ph.D. Admission was conducted on 16.08.2024 and Provisional Selection List for our PG and Ph.D. programmes uploaded in our website.

	Registered	Appeared	Regular	Working Professional	
Infrastructure Engineering and Management	43	36	22	12	34
Artificial Intelligence and Machine Learning	37	23	18	6	24
VLSI Design and Embedded System	36	30	20	4	24
Power Electronics and Drives	46	39	27	4	31
Mechatronics	81	63	26		26
<b>Ph.D.</b>	<b>62</b>	<b>49</b>	<b>42</b>		<b>42</b>
	<b>305</b>	<b>240</b>	<b>155</b>	<b>26</b>	<b>181</b>

**Post Graduate Programmes : 139**

**Ph.D. : 42**

**Total : 181**

- Internship training provided:

Sl. No.	Department	No. of students	College Name	Duration
1.	Educational Media & Technology	9	Madanapaltee Institute of Technology & Science, Madanapaltee	21.08.24 to 04.09.24
2.	Mechanical Engineering	3	Madras Institute of Technology, Chennai	12.06.2024 to till now

- Anti-ragging Committee and Squad has been constituted for the PG programmes.
- Five faculty members are nominated for attending the 2-days discipline-wise Annual Convention for MoU partners of BIS during August and September 2024.
- One Coordinator and 7 faculty members are nominated for Second round of Capacity Building Program on Specific Learning Abilities of Ministry of Education.

## 5. ITEC Programmes

- Conducted **Educational Applications using Web Technologies** from 07.08.2024 to 03.09.2024 with 22 participants from 15 Countries.



- Sanctioned ITEC Course by on **Rural Employment Generation through Enterprise Promotion for 30 Nigerian officials** at NITTTR Chennai

## 6. Specially Designed Contact Mode Programmes Conducted

- PDP on **Instructional Design and Delivery Systems** from 26.08.2024 to 30.08.2024 for faculty members of **JSS Science and Technology University, Mysuru, Karnataka.**
- PDP on **Outcome Based Instructional Design and Delivery Systems** from 26.08.2024 to 30.08.2024 for faculty members of **Guru Nanak Dev Engineering College, Bidar, Karnataka.**
- PDP on **Mentoring and Counselling Skills for Teachers** from 26.08.2024 to 30.08.2024 for faculty members of **National Engineering College, Kovilpatti, Tamil Nadu.**
- PDP on Sustainable SMART City Development using GIS from 19.08.2024 to 23.08.2024 for faculty members of **KPR Institute of Engineering and Technology, Coimbatore, Tamil Nadu**
- PDP on **Outcome Based Education** from 12.08.2024 to 14.08.2024 for faculty members of **Karunya Institute of Technology and Science, Coimbatore, Tamil Nadu.**



- **Online PDP Courses - 11 Nos. Contact Mode PDP Courses - 5 Nos.**

## 7. Interaction with academic and industrial experts

- **Prof. K Baskaran, Pro Vice Chancellor (International Research & Partnership) Deakin University, Australia** visited our Institute on 20.08.2024 to explore potential collaborations such as skill development programmes, joint online PG courses and PhD programmes, student & faculty exchange and research projects with Deakin University.



## 8. Participation of Faculty Members in National/ International Events

- Dr.K.S.A.Dinesh Kumar, Professor participated in the **Annual Convention** for MoU partners of **BIS** for Civil discipline during 23-24.08.2024 at Udaipur.
- Dr.Uma Shanker Sahu attended the meeting held with the Secretary SBTET-TG and Chief Executive Officer, Telangana Academy of Skill and Knowledge (TASK), Hyderabad under **NEP 2020** on 09.08.2024.
- Dr.S.Rajasekar attended **Drone Pilot Training** at MIT Centre for Aerospace Research, MIT Campus, Anna University from 21.06.2024 to 02.07.2024.
- Dr.T.Subha, Associate Professor and Dr.S.Sasirekha, Associate Professor attended two-weeks **Induction Training Programme** at our institute.

## 9. Conference/Seminar/Workshops Conducted

- An Orientation Workshop has been organised in collaboration with NAAC on the **NAAC DVV Process** for the Faculty of NITTTR Chennai and IIITDM Kanchipuram on 22.08.2024. Dr. L. Manjunatha Rao, Deputy Advisor, NAAC, conducted the workshop and elaborated the DVV process.
- A **Hindi workshop on Short Notings and Administrative Vocabulary** was conducted by Ms.Shweta Verma, Assistant Director, Hindi Teaching Scheme, Department of Official Language, MoHA at NITTTR Chennai on 08.08.2024.



## 10. Webinars/ Lectures Conducted

- As part of the National Space Day celebrations,
  - Webinar on **Research Avenues in Space Science** by Dr.C.Senthilkumar, Professor, Department of Aerospace Engineering, MIT, Anna University, Chennai was organized on 02.08.2024.
  - Webinar on **Developments in Space Sector** by Dr. J. Sheeba Rani, Professor, Indian Institute of Space Science and Technology (Department of Space,



Government of India), Trivandrum was organized on 09.08.2024.

- The Institute celebrated the Country's first National Space Day on 23.08.2024. A Lecture on **SWARM Architecture for Aerospace Applications** by Dr.E.Balasubramanian, Associate Professor, Department of Mechanical Engineering was arranged after which the Live Streaming of the Space Day Celebrations and Speech of the Honourable President of India was screened for all the Students, Faculty Members and Staff Members.



## 11. Administrative Activities

- Offer of appointment was sent to the selected candidates for the following Professor posts:
  - Professor of Electronics & Communication Engineering
  - Professor of Educational Media and Technology
  - Professor of Mechanical Engineering
  - Professor of Education – 2 nos.
  - Professor of Rural and Entrepreneurship Development – 2 nos.
- NITTTR Chennai in collaboration with the Chennai Traffic Police created an **Awareness Video for the Zero Accident Day** which was observed on 26.08.2024. This initiative highlighted the commitment to road safety, both on campus and across the city in order to make every day a Zero Accident Day.
- Digital Initiatives
  - **Payment of Rental charges** for occupation of Guest House at Extension Centres processed through SBI Collect
  - **Face Reading for biometric attendance** facilitated at Institute Quarters.
  - **Downloading of Pay slip** by faculty and staff members through Pay Roll software facilitated.

- The **78<sup>th</sup> Independence Day** of the nation was celebrated with great fanfare by hoisting the National Flag on 15.08.2024 in the campus in the presence of the faculty, students and staff members. The international participants of the overseas training program from various countries were also present.
- **Har Ghar Tiranga Campaign** was sensitized among faculty, staff, research scholars and students through social media posts. The members of NITTTR Chennai family hoisted National Flag in their residences and paid their respects.
- Dr.M.Senthilkumar, Professor is nominated as the **Nodal Officer for the adoption for Rooftop Solar** under PM-Surya Ghar-Muft Bijli Yojana of the Ministry of New and Renewable Energy.
- Dr.G.Janardhanan, Professor has participated in the **Akhil Bhartiya Siksha Samagam 2024 and 4<sup>th</sup> Anniversary of NEP 2020** on 29.07.2024 at Vigyan Bhavan, New Delhi and **launch of NATS 2.0 Portal** on 30.07.2024 at The Ashok, New Delhi.



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