

NATIONAL INSTITUTE OF TECHNICAL TEACHERS TRAINING AND RESEARCH
Taramani, Chennai – 600 113

Minutes of the 57th Meeting of the Board of Governors (through Hybrid mode)
held on 20th June 2024, Thursday at 11:30 a.m.
in the Board Room of NITTTR, Chennai

The following Members were present at the Meeting:

01	Dr. Usha Natesan Director, NITTTR, Chennai.	Chairman & Member Secretary
02	Shri Murli Manohar Singh Director (T) Ministry of Education, Department of Higher Education Shastri Bhawan, New Delhi 110 001.	Representative of JS (TEL)
03	Shri Ashok Kumar Singh Under Secretary – TS-IV Ministry of Education, Department of Higher Education, New Delhi – 110 001	Representative of JS (TEL)
04	Shri K.V Udaya Kiran, Under Secretary Integrated Finance Division, Ministry of Education, Department of Higher Education, New Delhi – 110 001	Representative of JSFA
05	Dr. Ramesh Unnikrishnan Advisor-II Training and Learning Bureau All India Council for Technical Education Nelson Mandela Road, Vasant Kunj, New Delhi – 110 070.	Member AICTE
06	Shri K. Veera Raghava Rao IAS, Director / Commissioner of Technical Education,53, Sardar Patel Road, Anna University, Guindy, Chennai-25	Member DTE, T.N
07	Dr. B. Kalyan, Dy Director (Technical), 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,A.P	Representative of DTE, A.P

08	Dr. S. Indulal, Dy Director, Directorate of Technical Education, Padmavilasom Street, Fort P.O, Thiruvananthapuram, Kerala India Pin : 695023.	Representative of DTE, Kerala
09	Smt. Juhi Jain, OSD, Directorate of Technical Education, 4th Floor, Satpura Bhawan, Bhopal, Madhya Pradesh – 462004,	Representative of DTE, M.P
10	Dr. R. Santhakumar Professor & Head Department of Civil & Environmental Engineering NITTTR Chennai	Member (Faculty Representative)

The above members have attended the Board meeting through video conferencing except Dr. Usha Natesan who has attended the Board meeting through contact mode.

The following member could not attend the meeting:

The Director of Technical Education,
3, Mahapalika Marg, Post Box No.1967,
Opp. Metro Cinema, Mumbai – 400 001

Since the tenure of the Chairman, BoG was vacant from 26.02.2024, the members of the Board had nominated Dr. Usha Natesan Director, NITTTR, Chennai to chair the 57th Board of Governors meeting.

At the outset, Dr. Usha Natesan, Chairman and Member Secretary welcomed all the members to the 57th Meeting of the Board of Governors and briefed about the major activities / achievements of NITTTR Chennai during 1st May 2024 to 31st May 2024. The details are enclosed as Annexure-1.

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

Item No. BoG.57.01.01

To consider and confirm the minutes of 56th Meeting of the BoG held on 10.05.2024

Res. No. BoG.57.01.01/2024-25

The Board confirmed and approved the minutes of the 56th Meeting of the BoG held on 10.05.2024.

Item No.BoG.57.02.01

To report the action taken on the various resolutions passed at 56th Meeting of the BoG held on 10.05.2024

Res. No. BoG.57.02.01/2024-25

The Board noted the action taken by the Institute on the various resolutions passed in the 56th Meeting of the BoG held on 10.05.2024 and approved the same.

Item No.BoG.57.03.01

To report the activities of the Institute carried out from 1st April 2024 to 31st May 2024

Res. No. BoG.57.03.01/2024-25

The Board went through the activities of the Institute carried out during 1st April 2024 to 31st May 2024 and noted the same.

Item No.BoG.57.03.02

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

Res. No. BoG.57.03.02/2024-25

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

Item No.BoG.57.04.01

To consider and approve the targets achieved in MoU for the period from April 2024 to May 2024

Res. No. BoG.57.04.01/2024-25

The Board went through the targets achieved in MoU for the period from April 2024 to May 2024 and approved the same.

Item No.BoG. 57.04.02

To consider and approve Gratuity eligibility for employee who has resigned from service

Res. No. BoG.57.04.02/2024-25

The Board went through the proposal and emphasized to analyse the same in accordance with the Section 4(2) of Payment of Gratuity Act 1972, however the Board informed to submit a letter with all necessary memorandum pertaining to grant of gratuity for Dr. J. Ramesh Kumar, former SSA, NITTTR, Chennai to the Ministry for the concurrence of IFD

Item No.BoG. 57.04.03

To consider and approve the tenure for Temporary staff deployed in Projects (Sponsored research and Industrial Consultancy Projects) not exceeding 4 years

Res. No. BoG.57.04.03/2024-25

The Board went through the proposal and instructed to frame guidelines for the Temporary Staff deployed in Projects (Sponsored research and Industrial Consultancy Project) in accordance with the NITI AYOOG guidelines

The meeting ended at 12.30 p.m with vote of thanks to the Chair.


CHAIRMAN (BoG)
(Nominated)


DIRECTOR / Member Secretary

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

Institute Activities from 1st May 2024 to 31st May 2024

Revenue generated (1st May 2024 to 31st May 2024) : ₹ 21,89,648/-

Number of training programmes:

- **Online PDP Courses – 12 Nos.**
- **Contact Mode PDP Courses – 12 Nos.**

Number of Participants Trained:

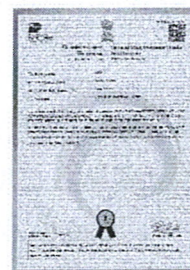
- **PDP Courses - 848**
- **SWAYAM - 19903**
- **NITTT - 16502**

1. Proposal submitted/ awarded for Sponsored Research Projects

- **Proposal submitted to BIS to Study on physical and uniformity test requirements of chemical admixtures used in making cement concrete ₹. 7,08,000/-**
- **Proposal submitted to BIS on Comparative study of the construction project Management practices in leading Indian private/public sector organization vis-a-vis published Indian standards on construction project Management ₹. 7,08,000/-**
- **Proposal submitted to Ministry of Education to establish a NITTTR Chennai Tech Hub (NCTH) seeking financial assistance from the Japan International Cooperation Agency (JICA). NCTH is an innovative initiative aimed at transforming skill development and entrepreneurship, focusing on the students, Industry, society and other stakeholders across India.**
- **DST Project proposal submitted on Evaluating multifaceted impact of Vigyan Jyoti programme in the Navodaya schools of Kerala state A mixed method approach, ₹. 22,50,000/-**
- **DST project proposal submitted on An experiential study on effectiveness of immersive virtual reality based training from assemble workers for ₹. 35,00,000/-**
- **Draft policy document sent to MoE and BOAT (All regions) on Integrating apprenticeships within regular technical degree and diploma programs to enhance practical training in academic curricula and also creditizing the existing apprentice (NATS) scheme**

2. Patents

- T.Subha, R.Kiran, Nivedha.K and S.Pavithra Devi. granted **Patent No. 524937** on 14.3.2024 for an invention entitled **Voice and Speech Recognition in Tamil Language** which was filed in the year of 2017
- Dr E Balasubramanian with other inventors granted **Patent No. 535827** on 29th April 2024 for an invention titled **Amphibian Unmanned Aerial Vehicle for Multi-terrain applications.**



3. Publications

- **Book Chapter on Future of Transportation Logistics and Disaster Management with Drones: Opportunities and Challenges**, Surendar G , Balasubramanian E , Choi Jae-Sung and CH Nirmal Prabhath, "Design and Development of Modular and Multifunctional UAV for Amphibious Landing and Surround Sense Module", Elsevier Publisher, 2024

4. Student Activities

- Shri G. Gunabalan, I Year Student of M.E. (Infrastructure Engineering and Management) got selected for the Summer Internship 2024 in TIFAC, New Delhi from 10th July to 10th September 2024.

5. Specially Designed Contact Mode Programmes Conducted

- PDP on **Trends, Issues & Development in Physical Education, Health Science and Sports** for **Physical Directors** from 27.05.2024 to 07.06.2024
- PDP on **Instructional Design and Delivery System** from 16.05.2024 to 18.05.2024 for the faculty members of **National Engineering College, Kovilpatti.**
- PDP in the area of **MOOC - Design, Delivery and Evaluation** from 13.05.2024 to 18.05.2024 for the faculty members of **NITTE (Deemed to be University).**
- PDP on **Advanced Pedagogy** for learners of **Dr.B.R. Ambedkar Institute of Technology (DBRAIT), Port Blair**



from 07.05.2024 to 17.05.2024 .

- Curriculum Audit conducted for **Sairam Engineering College** in two phases.

4. Academic activities

- Signed Memoranda of Understanding (MOUs) with the 6 mentee institutions under the **Margadarshan scheme**.
- Released Guidelines for the conduct of Professional Development Programmes.
- Six proposals submitted for conducting CPSC - In Country Programme for the fiscal year July 2024-June 2025.
- Director and faculty members visited **RFLY Innovations**, Chennai on drone training.
- Proposed Areas on collaboration activities communicated to **ONGC**.
- **Academic Council** Reconstituted.
- **Research Advisory Board** has been established for DSIR certification.
- Faculty members have been selected to join the visit committee of **NBA, ABET**.
- Registered in **NAD-DigiLocker portal**
- Registered in **Academic Bank of Credits** portal



5. Participation of Faculty Members in National / International Events

- Dr.E.Balasubramanian, Associate Professor, Department of Mechanical Engineering participated in online **APACC International Accreditors' Refresher Training** organized by CPSC, Philippines held on May 20-24, 2024.

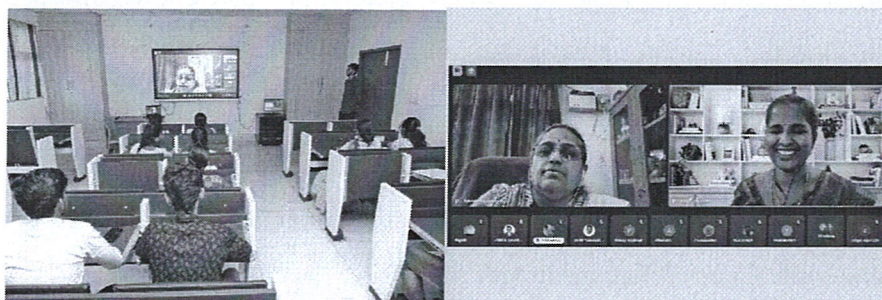
6. Conference/ Seminar/ Workshops Conducted

- One-day workshop on **Immersive Technologies – AR and VR** for the faculty and students of Christ College, Irinjalakuda, Thrissur, Kerala on 25.05.2024. Around 40 participants attended the workshop.
- **Faculty Seminar** was conducted on 24.05.2024 to share the learning experience of faculty members who have participated in the **Academic Leadership Program under Malaviya Mission Teacher Training Programme** conducted at various IITs and IIMs



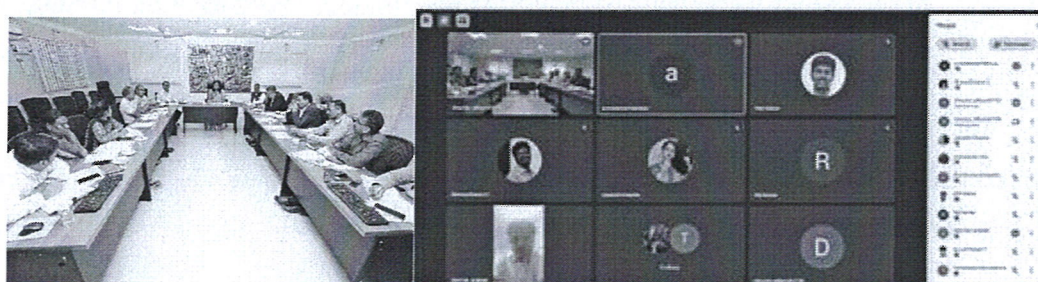
7. Webinars Conducted

- Webinar conducted on 29.05.2024, with Guest speaker, Ms. Adhilakshmi Logamurthy, a distinguished advocate from the Madras High Court, Legal/POSH/Gender Consultant and International Trainer on raising awareness about three new criminal laws: **the Bharatiya Nyaya Sanhita, 2023, the Bharatiya Nagarik Suraksha Sanhita, 2023, and the Bharatiya Sakshya Adhiniyam, 2023.**



8. Interaction with academic and industrial experts

- **ONGC team, led by Shri A. Prabhakaran, GM(P)** visited NITTTR Chennai on 27.05.2024. and had fruitful discussions with Prof. Dr. Usha Natesan, Director, NITTTR Chennai, and faculty members from various departments for exploring potential avenues on future research collaborations and facility utilization.
- Conducted an **industry meet** focused on the creditization and embedding of apprenticeship schemes in diploma and degree programs with a participation from nearly 15 industry representatives, both online and offline, who shared their invaluable insights for refining the apprenticeship scheme paving the way for a more skilled and employable workforce aligned with the goals of NEP 2020.



9. Administrative Activities

- Implemented the application of leave through online portal.
- Implemented online portal for Civil, Electrical, AC and Network maintenance.
- Implemented the sending of text messages whenever payment is made
