NEWSLETTER

NITTTR CHENNAI

MONTHLY NEWS VOLUME 8, ISSUE 11 NOVEMBER 2025

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DIRECTOR'S MESSAGE

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Greetings from NITTTR, Chennai.

I am pleased to present the November 2025 edition of the NITTTR Chennai Newsletter, which showcases a vibrant month of academic engagement, institutional initiatives, and outreach activities aligned with our mandate in technical teacher education.

Throughout November, our institute organised a rich spectrum of Professional Development Programmes across the Chennai campus and Extension Centres, spanning cutting-edge areas such as drone technology, smartboard-enabled digital pedagogy, programming in C, innovative pedagogical approaches for outcome-based education, and training for trainers, supervisors, and assessors. These programmes brought together faculty members, industry professionals, research scholars, and school teachers, reinforcing our commitment to building capacity for quality teaching and learning in diverse technical and vocational contexts.

The month also marked focused efforts to strengthen academic leadership through specialised offerings such as hands-on training on drafting and reviewing technical proposals for funding, advanced thematic online courses, and programmes on multimedia labs and construction management with entrepreneurship.

Heartfelt appreciation is extended to all coordinators, faculty, staff, partner institutions, and participants whose active involvement has made November 2025 a purposeful and impactful month for the institute.

Warm regards,
Prof. Dr Usha Natesan
Director, NITTTR Chennai

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PROFESSIONAL DEVELOPMENT PROGRAMMES

DRONE TECHNOLOGY

NITTTR Chennai conducted a Professional Development Programme on “Drone Technology” from 03.11.2025 to 05.11.2025 at Er. Perumal Manimekalai College of Engineering, Hosur, Krishnagiri, in contact mode, exclusively for Civil Engineering students.

OUTCOME BASED NBA ACCREDITATION

NITTTR Chennai conducted a Professional Development Programme on “Outcome-Based NBA Accreditation” from 31 October to 4 November 2025 at R.M.D. Engineering College, Kavaraipettai, Tamil Nadu, in contact mode. The programme was coordinated by Dr. G. Janardhanan.

MAXIMIZING SMARTBOARD USAGE AND DIGITAL TOOLS AND TECHNOLOGY INTEGRATIONS

NITTTR Chennai conducted a Professional Development Programme on “Maximizing Smartboard Usage and Digital Tools and Technology Integrations” on 07.11.2025 for the teachers of Equitas Gurukul Group of Schools at Equitas Gurukul Matriculation Higher Secondary School, Kumbakonam, Thanjavur, Tamil Nadu, in contact mode. The programme was coordinated by Dr. S. Sasirekha.

PROGRAMMING IN C

NITTTRC Extension Centre, Hyderabad, conducted a Professional Development Programme on "Programming in C" from 10.11.2025 to 14.11.2025 for faculty members, industry professionals, and research scholars of CSE and IT disciplines in contact mode.
The programme was coordinated by Dr. P. Seshu Babu and Dr. Umasanker Sahu.

INNOVATIVE PEDAGOGICAL APPROACHES OUTCOME BASED EDUCATION

NITTTR Chennai conducted a Professional Development Programme on "Innovative Pedagogical Approaches for Outcome Based Education" from 10.11.2025 to 14.11.2025 at Dhanalakshmi Srinivasan College of Engineering, Coimbatore, Tamil Nadu, in contact mode.
The programme was coordinated by Prof. Dr. G. Kulanthaivel.

TRAIN THE TRAINER/SUPERVISOR/ASSESSOR

NITTTR Chennai conducted a Professional Development Programme on "Train the Trainer/Supervisor/Assessor" from 12.11.2025 to 14.11.2025 at Air Works Private Limited, Hosur, Tamil Nadu, in contact mode. The programme was coordinated by Er. V. Sivakumar.

VALEDICTORY ADDRESS

Dr. P. Sivasankar, Professor & Head, Department of Electronics & Communication Engineering, NITTTR Chennai, delivered the valedictory address to the participants of the following online Professional Development Programmes on 14.11.2025.

1. Advanced Soil Stabilization Techniques
2. E-Content Development using FOSS
3. Exploring Recent Advances and Applications in Transfer Learning
4. Quantum Computing for Beginners
5. Rubrics for Effective Assessment: Enhancing Project, Seminar, and Industrial Training Evaluation
6. Tools for Academic Research
7. Wireless Communication
8. Modern Software Tools Usage in Electrical and Electronics Engineering

INNOVATIVE PEDAGOGICAL APPROACHES FOR OUTCOME BASED EDUCATION

NITTTR Chennai conducted a Professional Development Programme on “Innovative Pedagogical Approaches for Outcome Based Education” from 10.11.2025 to 14.11.2025 at Dhanalakshmi Srinivasan College of Engineering (Autonomous), Coimbatore, Tamil Nadu, in contact mode. The programme was coordinated by Prof. Dr. G. Kulanthaivel.

HANDS ON TRAINING: DRAFTING AND REVIEW INSIGHTS ON TECHNICAL PROPOSALS FOR FUNDING

NITTTR Chennai conducted a Professional Development Programme on “Hands on Training: Drafting and Review Insights on Technical Proposals for Funding” from 17.11.2025 to 21.11.2025 for faculty of all disciplines in Hybrid mode. Dr. S. Sakthivel Murugan coordinated the programme.

VALEDICTORY ADDRESS

Dr. G.A. Rathy, Professor & Head, Department of Education, NITTTR Chennai, delivered the valedictory address to the participants of the following Professional Development Programmes on 21.11.2025.

Online Mode Courses:

1. IoT Systems with NodeMCU and Raspberry Pi
2. Resource Management Techniques
3. Social Network Analysis

Hybrid Mode Course:

1. Hands on Training: Drafting and Review Insights on Technical Proposals for Funding

MULTIMEDIA LAB

NITTTR Chennai conducted a Professional Development Programme on “Multimedia Lab” from 24.11.2025 to 28.11.2025 for Faculty, Industry Professionals, and Research Scholars of CSE, EMT, and allied disciplines in contact mode. The programme was coordinated by Dr. T. Subha.

CONSTRUCTION MANAGEMENT AND ENTREPRENEURSHIP

NITTTRC Extension Centre, Vijayawada, conducted a Professional Development Programme on "Construction Management and Entrepreneurship" from 24.11.2025 to 28.11.2025 for Polytechnic faculty members of Andhra Pradesh in contact mode. The programme was coordinated by Dr. A. Vinod Kumar.

INDUSTRIAL TRAINING PROGRAMME FOR CIVIL ENGINEERING (BATCH-IV)

NITTTR Chennai conducted a Professional Development Programme on "Industrial Training Programme for Civil Engineering (Batch-IV)" from 17.11.2025 to 05.12.2025 for faculty of relevant disciplines in contact mode. The programme was coordinated by Dr. K. S. A. Dinesh Kumar and Dr. A. Padma Rekha.

VALEDICTORY ADDRESS

Dr. R. Suja Mani Malar, Head, Department of Curriculum Development and Capacity Building, NITTTR Chennai, delivered the valedictory address to the participants of the Professional Development Programme on "Multimedia Lab" in contact mode on 28.11.2025.

VALEDICTORY ADDRESS

Dr. M. Seenuvasan, Associate Dean, Training, NITTTR Chennai, delivered the valedictory address to the participants of the following online Professional Development Programmes on 28.11.2025.

1. Front-End Web Design using HTML, CSS3 & ReactJS
2. Problem-Solving Skills in Engineering through Self-Directed Learning
3. AI-Driven Trends in Education
4. Stress and Wellness Management
5. Sustainability in Supply Chain: Greening Operations
6. ESG Framework – Concepts, Benefits, and Practical Implementation

VIP VISIT/DISCUSSION

NETTUR TECHNICAL TRAINING FOUNDATION

The team from NTTF (Nettur Technical Training Foundation) met and interated with Prof. Dr. Usha Natesan, Director, NITTTR Chennai, to explore potential collaborative initiatives in the areas of advanced technical training, skill development and joint capacity-building programs. This interaction marks an important step toward building a sustainable and innovative partnership aimed at strengthening technical education and skilling ecosystem.

NATIONAL DAYS/CELEBRATIONS

COMMEMORATING THE 150TH ANNIVERSARY OF THE INDIAN NATIONAL SONG

On 7th November 2025, under the esteemed guidance of our Director, Prof. Dr. Usha Natesan, NITTTR Chennai proudly organised the Mass Singing of our National Song, Vande Mataram, at the Thiruvalluvar Auditorium of the Dr. APJ Abdul Kalam Academic Complex. The event marked the 150th anniversary of this iconic song composed by Bankim Chandra Chattopadhyay in 1875, and brought together faculty, students, and staff in a moment of shared patriotic pride. The Director, Prof. Dr. Usha Natesan, in her address, reflected on the significance of Vande Mataram in India's Freedom Movement. Additionally, the audience witnessed the live streaming of the Hon'ble Prime Minister Shri Narendra Modi's address in the auditorium at NITTTR Chennai.

NATIONAL EDUCATION DAY

Under the leadership of our Director Prof. Dr. Usha Natesan, NITTTR Chennai celebrated National Education Day on November 11, 2025, commemorating the birth anniversary of Maulana Abul Kalam Azad, India's first Education Minister and a stalwart of modern education. A special lecture was delivered by Dr. P Malliga, Professor & Head, Department of CSE, on the theme for 2025 National Education Day "AI and Education: Preserving Human Agency." More than 100 PDP participants attended the session online, while faculty and staff members joined in contact mode. The session explored the balance between artificial intelligence and human creativity, emphasizing how education can harness technology while nurturing human values, ethics, and critical thinking.

CONSTITUTION DAY 2025

On 26.11.2025, all the faculty members, staff, and students, led by our Director, Prof. Dr. Usha Natesan, united to observe Constitution Day with dignity and devotion. Our Director addressed the gathering and spoke about the significance of the Constitution and the responsibility each citizen carries in upholding its values. The Preamble to the Constitution of India was collectively recited after the Director, reaffirming our commitment to justice, liberty, equality, and fraternity. Prof. Dr. V. Vandhana Devi, encouraged the faculty, staff, and students to record their videos reading the Preamble in various Indian languages and upload them on the official portals "constitution75.com" and "MyGov.in." Jai Hind!

FACULTY ACHIEVEMENTS/PARTICIPATION

PARTICIPATION IN THE NATIONAL WELLBEING CONCLAVE

We are delighted to share that Prof. Dr. S. Renukadevi and Prof. Dr. V. Vandhana Devi actively participated in the 2nd National Wellbeing Conclave, held at IIT Bombay on 22 and 23 November 2025, enriching their knowledge through insightful panel discussions and expert sessions focused on holistic wellbeing.

Our MBA students, Mr. Rahul Ranjeev and Ms. Ganga Parameswari, along with other IIT students, presented an impressive and comprehensive approach to wellbeing. Their presentation received high appreciation from the jury members and panelists, recognizing their innovative perspectives and dedicated effort.

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NEWSLETTER IN-CHARGE

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