NEWSLETTER

MONTHLY NEWS

2026 JANUARY

VOLUME 9, ISSUE 1

NITTTR CHENNAI

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NEWSLETTER

DIRECTOR'S MESSAGE

MONTHLY NEWS VOLUME 9, ISSUE 1 JANUARY 2026

Greetings from NITTTR, Chennai.

I am pleased to present the January 2026 edition of the NITTTR Chennai Newsletter, marking a purposeful beginning to the new academic year. The month was characterised by intensive academic activity, professional capacity building, national observances, and initiatives that reaffirm our commitment to excellence in technical teacher education, institutional development, and societal engagement.

During January 2026, the institute organised a wide range of Professional Development Programmes across the Chennai campus and Extension Centres. These programmes addressed both emerging technologies and core academic priorities, including Outcome Based Education and GAPC 4.0, innovative pedagogical approaches, ICT-enabled teaching and learning, AI tools for educators, NBA accreditation for diploma programmes, CNC programming, smart surveying using advanced tools, and emerging computing technologies. Conducted in contact and online modes, these programmes benefited faculty members from institutions across the country and reinforced the importance of continuous professional development.

The month also witnessed strengthened institutional and international engagement. The International Seminar on innovative strategies for entrepreneurship and rural employment aligned academic discourse with sustainable development goals, while the ITEC programme on rural enterprise promotion highlighted the institute's global outreach. The signing of a Memorandum of Understanding with Dhanalakshmi Srinivasan College of Engineering (Autonomous), Coimbatore further expanded opportunities for collaboration in academics, research, and faculty development.

January 2026 was equally significant for its campus events and national observances. The New Year Gathering set a constructive tone for the year ahead, emphasising collaboration and digital initiatives. National Yuva Diwas, Pongal celebrations, Republic Day, and the Green Campus Initiative reflected our commitment to cultural values, patriotism, environmental sustainability, and holistic well-being.

I extend my sincere appreciation to all faculty members, coordinators, staff, students, partner institutions, and participants whose collective efforts made January 2026 productive and meaningful. I look forward to continued engagement as we move forward with renewed purpose in the year ahead.

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

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INTERNATIONAL SEMINAR & WORKSHOP / TRAINING PROGRAMMES / MEMORANDUM OF UNDERSTANDING /MERIT OCCASIONS / SPECIAL SKILL TRAINING PROGRAMMES / NATIONAL DAY CELEBRATIONS

CONFERENCES/SEMINARS/TRAINING/WEBINARS

Prof. Dr. Usha Natesan, Director, NITTTR Chennai, delivered the inaugural address at the International Seminar on "Innovative Strategies in Entrepreneurship & Rural Employment for Sustainable Development Goals Achievement," held on 30th January 2026 at Dhanalakshmi Srinivasan College of Engineering (Autonomous), Coimbatore. The seminar was coordinated by Prof. Dr. G. Kulanthaivel and Prof. Dr. K. S. Giridharan.

PROFESSIONAL DEVELOPMENT PROGRAMMES

OUTCOME BASED EDUCATION & GAPC 4.0

NITTTR Chennai conducted a Professional Development Programme on “Outcome Based Education & GAPC 4.0” from 05.01.2026 to 09.01.2026 at Government Engineering College, Wayanad, Kerala, for faculty of all disciplines in contact mode. The programme was coordinated by Dr. E. S. M. Suresh.

INNOVATIVE PEDAGOGICAL APPROACHES OUTCOME -BASED EDUCATION

NITTTR Chennai conducted a Professional Development Programme on “Innovative Pedagogical Approaches for Outcome-Based Education” at the Central Institute of Petrochemicals Engineering and Technology (CIPET) Head Office, Chennai, from 05.01.2026 to 09.01.2026 for the faculty members of CIPET institutions across India, in contact mode. Prof. Dr. Shishir Sinha, Director General (DG), CIPET, delivered the inaugural address. The programme was coordinated by Prof. Dr. G. Kulanthaivel.

ICT IN TEACHING AND LEARNING

NITTTRC Extension Centre, Vijayawada, conducted a Professional Development Programme on “ICT in Teaching and Learning” from 05.01.2026 to 09.01.2026 for faculty members of all disciplines in contact mode. The programme was coordinated by Dr. A. Vinod Kumar.

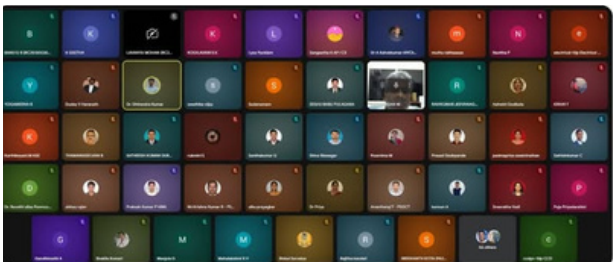
VALEDICTORY ADDRESS

Dr. M. Senthilkumar, Professor, Department of Mechanical Engineering, NITTTR Chennai, delivered the valedictory address to the participants of the Professional Development Programme on "Industrial Training Programme for Mechanical and Automobile Engineering" in contact mode on 09.01.2026.

VALEDICTORY ADDRESS

Dr. G. A. Rathy, Professor and Head, Department of Education, NITTTR Chennai, delivered the valedictory address to the participants of the following online Professional Development Programmes on 09.01.2026.

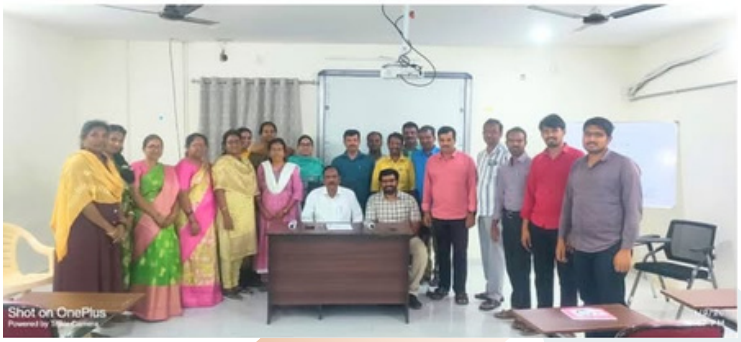
1. AI Techniques for Enhancing Research and Scholarly Publications
2. Digital Forensics
3. AI Essentials for 21st Century Teachers
4. Industrial Internet of Things (IIoT)
5. Research Paper Writing Made Simple: A Technology-Supported Framework



VALEDICTORY ADDRESS

NITTTRC Extension Centre, Vijayawada, conducted a Professional Development Programme on "ICT in Teaching and Learning" from 05.01.2026 to 09.01.2026 for faculty members of all disciplines in contact mode.

The valedictory session was graced by Joint director, Padma Rao, SBTET–Mangalagiri.



VALEDICTORY ADDRESS

NITTTR Chennai conducted a Professional Development Programme on “Outcome Based Education & GAPC 4.0” from 05.01.2026 to 09.01.2026 at Government Engineering College, Wayanad, Kerala, for faculty of all disciplines in contact mode. Dr. P. Jayaprakash, Director, DTE, Thiruvananthapuram, Kerala, participated in the valedictory function. The programme was coordinated by Dr. E. S. M. Suresh.

AI TOOLS FOR EDUCATORS

NITTTR Chennai conducted a Professional Development Programme on “AI Tools for Educators” from 19.01.2026 to 23.01.2026 at BCM College, Kottayam, Kerala, for faculty members of all disciplines in contact mode. The programme was coordinated by Prof. Dr. V. Vandhana Devi.

NBA ACCREDITATION FOR DIPLOMA PROGRAMMES

NITTTR Chennai conducted a Professional Development Programme on “NBA Accreditation for Diploma Programmes” from 19.01.2026 to 23.01.2026 at Government Polytechnic College, Kasaragod, Periye, Kerala, for Polytechnic College faculty members of all disciplines in contact mode. The programme was coordinated by Dr. E. S. M. Suresh.

CNC PROGRAMMING

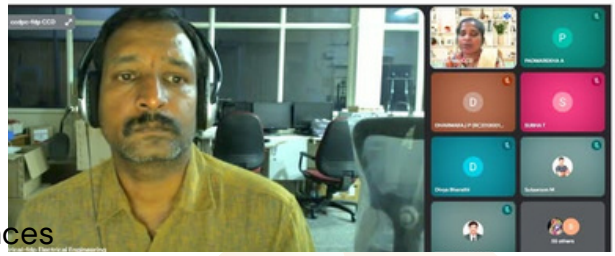
NITTTRC Extension Centre, Vijayawada in collaboration with Vasireddy Venkatadri International Technological University, Namburu conducted a Professional Development Programme on "CNC Programming" from 19.01.2026 to 23.01.2026 for the Andhra Pradesh polytechnic faculty members of Mechanical Engineering Department through contact mode.
The programme was coordinated by Dr. E. Balasubramanian.

SMART SURVEYING USING TS, GPS AND DRONE

NITTTR Chennai conducted a Professional Development Programme on "Smart Surveying using TS, GPS and Drone" from 19.01.2026 to 23.01.2026 for faculty members and research scholars from Civil and allied disciplines in contact mode. The programme was coordinated by Dr. K. S. A. Dinesh Kumar.

VALEDICTORY ADDRESS

Dr. P. Sivasankar, Professor & Head, Department of Electrical and Electronic Engineering, NITTTR Chennai, delivered the valedictory address to the participants of the following online Professional Development Programmes on 23.01.2026.



1. Data Mining Techniques
2. Emotional Grooming
3. Simulation in Electrical and Electronics Engineering
4. Smart Grid Technology and Renewable Energy Systems
5. Digital Tools for Creating Game-Based Learning Experiences
6. Reliability based design of bituminous pavement
7. Data Analytics and Visualization

VALEDICTORY ADDRESS

Dr. M. Seenuvasan, Professor, Department of Education & Associate Dean (Training), delivered the valedictory address to the participants of the Professional Development Programme on “Smart Surveying using TS, GPS and Drone” conducted in contact mode on 23.01.2026.

VALEDICTORY ADDRESS

NITTTRC Extension Centre, Kalamassery (Cochin), conducted a Professional Development Programme on “NBA Accreditation for Diploma Programmes” from 19.01.2026 to 23.01.2026 at Government Polytechnic College, Kasaragod, Periye, Kerala, for Polytechnic College faculty members of all disciplines in contact mode. Shri M. Rajesh, Joint Secretary, Higher Education Department, Thiruvananthapuram, Kerala, participated and delivered the valedictory address.

OUTCOME BASED EDUCATION & ACCREDITATION GAPC 4.0

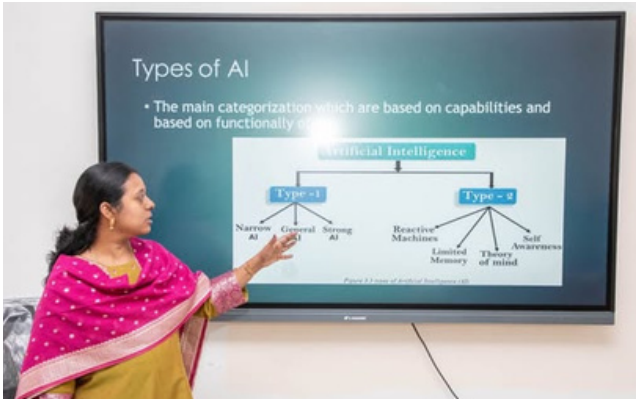
NITTTR Chennai conducted a Professional Development Programme on “Outcome Based Education & Accreditation – GAPC 4.0” from 27.01.2026 to 29.01.2026 for faculty members of NSS College of Engineering, Palakkad, Kerala, in contact mode. The programme was coordinated by Dr. E. S. M. Suresh and Dr. G. Janardhanan.

TRANSFORMING CURRICULUM PLANS INTO ACTION

NITTTR Chennai conducted a Professional Development Programme on “Transforming Curriculum Plans into Action – A Practical Approach (Batch-I)” from 27.01.2026 to 31.01.2026 for faculty from English and relevant disciplines in contact mode. The programme was coordinated by Dr. K. N. Shoba and Er. V. Sivakumar.

FOUNDATIONAL LANDSCAPE OF EMERGING COMPUTER TECHNOLOGIES

NITTTR Chennai is conducting a Professional Development Programme on “Foundational Landscape of Emerging Computing Technologies” from 27.01.2026 to 31.01.2026 for faculty members, industry professionals, and research scholars of CSE and IT disciplines in contact mode. The programme is being coordinated by Dr. S. Sasirekha.



YOGA AND SELF-HEALING TECHNIQUES

NITTTR Chennai conducted a Professional Development Programme on “Yoga and Self-Healing Techniques” from 27.01.2026 to 31.01.2026 for faculty of all disciplines in contact mode. The programme was coordinated by Dr. S. Renukadevi.

INDUCTION TRAINING PROGRAMME

NITTTRC Extension Centre, Hyderabad, is conducting a Professional Development Programme on “Induction Training Programme” from 27.01.2026 to 06.02.2026 for faculty members of all disciplines in contact mode.
The programme is being coordinated by Prof. Dr. Umasanker Sahu.

VALEDICTORY ADDRESS

Dr. S. Renukadevi, Professor, Department of Education, NITTTR Chennai, delivered the valedictory address to the participants of the Professional Development Programmes on “Yoga and Self-Healing Techniques” and “Foundational Landscape of Emerging Computing Technologies” in contact mode on 31.01.2026.

MEMORANDUM OF UNDERSTANDING

SMART SURVEYING USING TS, GPS AND DRONE

On 30.01.2026, NITTTR Chennai signed an MoU with Dhanalakshmi Srinivasan College of Engineering (Autonomous), Coimbatore to enhance collaboration in academics, research, innovation, and faculty development, strengthening technical education.

ITEC PROGRAMMES

SMART SURVEYING USING TS, GPS AND DRONE

Prof. Usha Natesan, Director, NITTTR Chennai, India, delivered the inaugural address to the international participants of the ITEC Programme titled “Rural Employment Generation through Enterprise Promotion Strategies” at NITTTR Chennai on 21.01.2026.

ON CAMPUS EVENTS

On 01.01.2026, The New Year Gathering at NITTTR Chennai commenced on a bright and celebratory note, with Prof. Dr. Vandhana Devi extending a warm welcome to our beloved Director, Prof. Dr. Usha Natesan, and all faculty and staff members.

Prof. Dr. Vandhana Devi felicitated the Director, followed by the Senior Administrative Officer Shri M. Ramesh, who felicitated Madam on behalf of all staff members. Prof. Dr. Vandhana Devi invited the Director, Prof. Dr. Usha Natesan to address the gathering and share the New Year message with all the staff members.

While addressing the gathering, Director, Prof. Dr. Usha Natesan highlighted that consistency is the key to success and encouraged everyone to continue working collaboratively for the growth of the institute. On this occasion, Madam also announced the launch of an online portal for Host Institution Programmes, marking an important step towards digital facilitation and outreach.

The Director, Prof. Dr. Usha Natesan extended her New Year wishes to all the staff members wishing everyone peace, happiness, and prosperity. The program concluded with Prof. Dr. Vandhana Devi thanking everyone for their presence and wishing all a happy and blessed New Year 2026.

NITTTR Chennai successfully conducted a one day Rashtriya Karmayogi Large Scale Jan Seva Programme for 34 of its employees on 08.01.2026.

On the occasion of the 164th Birth Anniversary of Swami Vivekananda, National Yuva Diwas was celebrated on 12.01.2026 on our campus through Run for Swadeshi. Under the visionary leadership of our active and energetic Director, Prof. Dr. Usha Natesan, the NITTTR Chennai campus came alive with enthusiasm, reflecting the spirit of youth, fitness, and nation building. Prof. Dr. V. Vandhana Devi warmly welcomed the dignitaries and urged all to follow a regular fitness regime and stay healthy. She spoke eloquently on the timeless principles of Swami Vivekananda, urging everyone gathered to imbibe his ideals of self-discipline, inner strength, service to society, and unwavering faith in one's potential, especially among the youth as architects of a strong and vibrant nation.

The Chief Guest Mr. S. Sivasubramanian, Joint General Manager (Civil), Rail Vikas Nigam Limited, Ministry of Railways, GoI Enterprise, inspired everyone with a powerful message: "Start doing Yoga, keep running, and lead a healthy life." Emphasising fitness as the foundation of a strong nation, he motivated all participants to adopt an active lifestyle and discipline. He delivered an inspiring address highlighting that physical fitness is the backbone of nation building. Mr Sivasubramanian urged everyone to embrace Yoga, running, and daily exercise as lifelong habits, reminding that a healthy body nurtures a focused mind and resilient spirit.

Our Director, Prof. Dr. Usha Natesan, along with the Chief Guest, flagged off and actively joined the 2 km Run / Fast Walk for Swadeshi, marking a spirited beginning to the event. All the faculty, staff members, students and research scholars of NITTTR Chennai participated in the Run / fast walk with great enthusiasm, transforming the event into a vibrant celebration of health, unity, and national spirit.

As Swami Vivekananda reminds the youth:

"Arise, awake, and stop not till the goal is reached."

Let us rise with strength, discipline, and purpose for a healthier self and a stronger nation.

NITTTR Chennai organised an Awareness Session on "**Preventive Behaviour Around Animals, First-Aid Measures and Protocols in Case of Animal Bites and Attacks**" on 13th January 2026. The session was delivered by Dr. Srividya, Zonal Veterinary Officer, Zone 13, Greater Chennai Corporation. Faculty members, staff, students, research scholars, along with housekeeping and security staff, actively participated in the session. The programme aimed to enhance awareness on safety measures and appropriate responses in cases of animal bites and attacks.

NITTTR Chennai successfully conducted a one-day **Rashtriya Karmayogi Large Scale Jan Seva** Programme (Batch 2) for faculty and staff, with the participation of 32 employees, on 13.01.2026. Master trainer: Er. D V Suryanarayana, NITTTR Chennai.

NITTTR Chennai successfully conducted a one-day **Rashtriya Karmayogi Large Scale Jan Seva** Programme (Batch 3) for faculty and staff, with 33 employees participating, on 20.01.2026. Master trainer: Er. D V Suryanarayana, NITTTR Chennai.

PONGAL CELEBRATIONS

On 14.01.2026, Pongal was celebrated with great joy and festive spirit at the NITTTR Chennai campus under the inspiring leadership of our Director, Prof. Dr. Usha Natesan.

The campus came alive with vibrant activities such as Kolam Carnival, Uriyadi, Tug of War, Slow cycling and various traditional games. All the faculty and staff members, students, and research scholars participated enthusiastically, creating an atmosphere of unity, energy, and cultural pride.

The Director, Prof. Dr. Usha Natesan, conveyed her warm wishes to everyone, extending heartfelt greetings for a happy and prosperous Pongal, and wishing all a year filled with happiness, harmony, and well-being.

Prizes were awarded to all the winners in recognition of their spirited participation and achievements.

The Pongal celebrations beautifully reflected the spirit of togetherness and cultural pride that defines the NITTTR Chennai community. It also reaffirmed the positive attitude, mutual respect, and harmonious work culture that unite everyone at NITTTR in both celebration and service.

GREEN CAMPUS INITIATIVES

As part of the Green Campus Initiative, NITTTR Chennai successfully planted 1,000 tree saplings on 24 January 2026, reaffirming its strong commitment to environmental sustainability.

The initiative was inaugurated by Prof. Dr. Usha Natesan, Director, NITTTR Chennai, and was carried out in collaboration with CommuniTree NGO and its dedicated volunteers. Their enthusiastic participation played a vital role in the success of the plantation drive.

REPUBLIC DAY

On 26.01.26, NITTTR Chennai, Director, Prof. Dr. Usha Natesan led the Republic Day celebrations with the unfurling of the National Flag. The event featured the National Anthem, a Republic Day parade by the guards, and an inspiring patriotic address by the Director, Prof. Dr. Usha Natesan, reflecting the true spirit of unity, integrity, and patriotism.

The Coordinator for Institute functions, Prof. Dr. V. Vandhana Devi, proposed the vote of thanks, gracefully concluding the celebration of the 77th Republic Day at NITTTR Chennai.

ADMISSION NOTIFICATION

NITTTR Chennai – Ph.D. Admissions Open (January 2026 Session)

Elevate your academic and research ambitions with Ph.D. opportunities at the National Institute of Technical Teachers Training and Research (NITTTR), Chennai, an institution under the Ministry of Education, Government of India, Taramani, Chennai. Applications are now invited for Part-Time, Full-Time, and Executive Ph.D. Programmes across the following disciplines:

Engineering & Technology
Management
Education
Science & Humanities

Key Dates

Application Portal Opens: 15 December 2025
Last Date to Apply: 13 January 2026
Apply Now & Know More:
https://www.nitttrc.ac.in/admission/general.php
Contact: 044-22545446
Email: admission@nitttrc.edu.in
(For Queries)

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NEWSLETTER IN-CHARGE

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