



**NITTTR**  
Chennai



SERVING NATION  
**SINCE 1964**



# TRAINING CALENDAR

(October - December 2022)





***Prof. Dr. Usha Natesan***  
*Director*

## DIRECTOR MESSAGE

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NITTTR Chennai is mandated to work at the intersection of Technology, Content and Pedagogy which will be accomplished with the help of Information and Communication Technologies. The expertise of the Institute will be available to the entire gamut of Technical, Vocational and Management sectors. NITTTR Chennai caters to the needs of the southern States viz., Andhra Pradesh, Karnataka, Kerala, Tamil Nadu (including Puducherry Union Territory) and Telangana which contribute to 35% of the total number of technical institutions in the Country. Hence, the Institute plays an inevitable role in the creation of eminent Teachers and successful Leaders of the education sector who in turn build World Class Institutes. The ultimate objective of NITTTR Chennai is to catalyze the developmental activities, introduce groundbreaking reforms and emerge as a "Technical Education Hub" for connecting the potential stakeholders. This will be achieved by intensifying the present education and training models and evolving innovative practices in the field of technical teachers training.

**“ Let us strive together to escalate the quality of education,  
because education has the power to change the World!**

DIRECTOR MESSAGE

# Departments / Centres

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Civil and Environmental  
Engineering



Educational Media  
and Technology



Computer Science  
and Engineering



Electrical, Electronics  
and Communication Engineering



Curriculum Development,  
Planning and Coordination



Mechanical Engineering



Education



Rural and Entrepreneurship  
Development



Educational Management  
and Applied Science

DEPARTMENTS/CENTRS





# Civil and Environmental Engineering

## Course Title

- ❖ **Sophisticated Non-destructive testing in Civil Engineering Practice**  
10 - 14, Oct 2022 / Contact Mode @ ECK
- ❖ **Construction Techniques for Earthquake Resistant Structures**  
17 - 21, Oct 2022 / Online Mode
- ❖ **Transportation Engineering**  
17 - 21, Oct 2022 / Contact Mode @ HQ
- ❖ **Industrial Training Programme – Infrastructure Construction – QC / QA**  
(Three Weeks / Three Batches – Each Batch 15 Nos.)  
14 Nov - 03 Dec 2022 / Contact Mode @ HQ
- ❖ **GIS Application in Urban Infrastructure Management**  
21 - 25, Nov 2022 / Online Mode
- ❖ **Environmental Engineering Laboratory Practice**  
12 - 16, Dec 2022 / Contact Mode @ HQ

# Computer Science and Engineering

## Course Title

- ❖ **Cloud Computing**  
10 - 14, Oct 2022 / Contact Mode @ ECK
- ❖ **Cloud Computing**  
17 - 21, Oct 2022 / Contact Mode @ ECB
- ❖ **Machine Learning**  
17 - 21, Oct 2022 / Online Mode
- ❖ **Digital Forensics**  
09 - 11, Nov 2022 / Online Mode
- ❖ **Machine Learning through Python**  
14 - 18, Nov 2022 / Contact Mode @ECK
- ❖ **Advanced Java Programming**  
05 - 09, Dec 2022 / Online Mode
- ❖ **Object Oriented Programming through Java**  
19 - 23, Dec 2022 / Online Mode





# Curriculum Development, Planning and Coordination

## Course Title

- ❖ **Workshop on NBA Accreditation**  
26 - 28, Oct 2022 / Contact Mode @ KGPT., Calicut
- ❖ **Industrial Training on Automation and Robotics**  
07 - 12, Nov 2022 / Contact Mode @ ECB
- ❖ **NBA Accreditation**  
09 - 11, Nov 2022 / Online Mode
- ❖ **NBA Accreditation**  
14 - 18, Nov 2022 / Contact Mode @ ECB
- ❖ **NAAC Accreditation (3 days)**  
21 - 23, Nov 2022 / Online Mode
- ❖ **Industrial Training on Automation and Robotics**  
21 - 25, Nov 2022 / Contact Mode @ ECB
- ❖ **Outcome Based Education and Accreditation**  
28 Nov - 02, Dec 2022 / Contact Mode @ ECK



# Curriculum Development, Planning and Coordination

## Course Title

- ❖ **NBA Accreditation Process**  
05 - 09, Dec 2022 / Online Mode
- ❖ **Industrial Training on Renewable Energy**  
05 - 09, Dec 2022 / Contact Mode @ ECB
- ❖ **Industrial Training on Drone Technology**  
12 - 16, Dec 2022 / Contact Mode @ ECB
- ❖ **Implementation of OBE and NEP-2020**  
19 - 23, Dec 2022 / Online Mode
- ❖ **Sustainable Development**  
19 - 23, Dec 2022 / Contact Mode @ HQ



# Education

## Course Title

- ❖ **Soft skills for Teachers**  
17 - 21, Oct 2022 / Online Mode
- ❖ **IPR for Teachers**  
14 - 18, Nov 2022 / Online Mode
- ❖ **Advanced Pedagogy**  
14 - 18, Nov 2022 / Online Mode
- ❖ **Emotional Intelligence**  
28 Nov - 02 Dec 2022 / Online Mode
- ❖ **Outcome Based Assessment**  
12 - 16, Dec 2022 / Online Mode





# Educational Management and Applied Science

## Course Title

- **Behavioural Assessment of Students**

17 - 21, Oct 2022 / Online Mode

- **Guidance & Counselling**

14 - 18, Nov 2022 / Online Mode

- **Counselling for Student Development**

21 - 25, Nov 2022 / Contact Mode @ ECK

- **Employability Skills for Youth**

05 - 09, Dec 2022 / Online Mode



# Educational Media and Technology

## Course Title

- ❖ **E-Learning Authoring Tools**  
17 - 21, Oct 2022 / Online Mode
- ❖ **Creating Interactive Video Lessons**  
31 Oct - 04, Nov 2022 / Online Mode
- ❖ **E-Content Development and LMS**  
14 - 18, Nov 2022 / Online Mode
- ❖ **Internet Literacy and Multimedia Technologies**  
21 - 25, Nov 2022 / Online Mode
- ❖ **Instructional Design for Online Courses**  
05 - 09, Dec 2022 / Online Mode
- ❖ **Online Resources and Social Media Learning**  
12 - 16, Dec 2022 / Online Mode
- ❖ **Immersive Media Technologies-AR/VR**  
19 - 23, Dec 2022 / Online Mode





# Electrical, Electronics and Communication Engineering

## Course Title

- ❖ **Wireless Communication**  
17 - 21, Oct 2022 / Online Mode
- ❖ **Arduino Programming using Tinkercad**  
31 Oct - 04 Nov 2022 / Online Mode
- ❖ **Raspberry Pi and Arduino Interfacing Electronic Tinkering Workshop**  
07 - 11, Nov 2022 /  
Contact Mode @ GWPT., Kalamassery
- ❖ **Engineering Application using MATLAB Programming**  
21 - 25, Nov 2022 / Online Mode
- ❖ **ARM Controller LPC 2148 Microcontroller and its Applications**  
05 - 09, Dec 2022 / Online Mode
- ❖ **Biomedical Engineering and IoT in Healthcare**  
12 - 16, Dec 2022 / Online Mode
- ❖ **Internet of Things**  
12 - 16, Dec 2022 / Contact Mode @ HQ





# Mechanical Engineering

## Course Title

- **Solar, Wind and Bio Energy Applications**  
17 - 21, Oct 2022 / Online Mode
- **Advances in Materials & Manufacturing**  
31 Oct - 04 Nov 2022 / Online Mode
- **Trends in Mechatronics & Manufacturing**  
14 - 18, Nov 2022 / Online Mode
- **Refresher Course on Energy, Thermal and Automobile Technology**  
28 Nov - 02 Dec 2022 / Online Mode
- **Smart Manufacturing**  
12 - 16, Dec 2022 / Online Mode
- **Refresher Course on Heating, Ventilation and Air Conditioning**  
19 - 23, Dec 2022 / Contact Mode @ HQ



# Rural and Entrepreneurship Development

## Course Title

- ❖ **Enabling Entrepreneurship and Startup**  
10 - 14, Oct 2022 /  
Contact Mode @ ECB
- ❖ **Enabling Entrepreneurship and Startup**  
17 - 21, Oct 2022 / Contact Mode @ ECK
- ❖ **Redefining HR for Academic Brilliance**  
31 Oct - 04 Nov 2022 / Online Mode
- ❖ **Strategic Supply Chain Management**  
14 - 18, Nov 2022 / Online Mode
- ❖ **Contemporary Marketing Management**  
28 Nov - 02 Dec 2022 / Online Mode
- ❖ **Entrepreneurship Development Programme**  
05 - 09, Dec 2022 / Online Mode

# ABBREVIATION

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- HQ** - Headquarters
- ECB** - Extension Centre, Bengaluru
- ECH** - Extension Centre, Hyderabad
- ECK** - Extension Centre, Kalamassery
- ECV** - Extension Centre, Vijayawada
- GWPT** - Government Women's Polytechnic College, Kalamassery
- KGPT** - Kerala Government Polytechnic College, Calicut

ABBREVIATION



# FACILITIES

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Exposure to Emerging Areas



Industrial Training



Laboratory Facilities



Smart Classrooms



Resource Centre



Guest House



Seminar Halls



Auditorium



Wifi Campus



Sport Facilities



Gym Facilities



Medical Facilities

# FACILITIES

# FACULTY MEMBERS

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**Dr. K.S.A. Dinesh Kumar**

Professor, Department of Civil and Environmental Engineering



**Shri A.P. Felix Arokiya Raj**

Assistant Professor, Department of Educational Media and Technology



**Dr. K.S. Giridharan**

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Head, Centre for Rural and Entrepreneurship Development



**Dr. P. Jakulin Divya Mary**

Assistant Professor, Centre for Rural and Entrepreneurship Development

FACULTY MEMBERS

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**Dr. G. Janardhanan**

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Head, Department of Curriculum Development, Planning and Coordination



**Dr. G. Kulanthaivel**

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Head, Centre for International Affairs



**Dr. P. Malliga**

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Head, Department of Educational Media and Technology



**Dr. C.R. Nagendra Rao**

Professor, Department of Civil and Environmental Engineering

# FACULTY MEMBERS



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**Dr. R. Rajendran**

Professor and Head, Centre for Educational Management and Applied Science



**Dr. G.A. Rathy**

Professor and Head, Department of Electrical, Electronics and Communication Engineering



**Dr. R. Ravichandran**

Sr. Librarian, Resource Centre



**Dr. S. Renukadevi**

Professor, Department of Education,  
Head, Centre for Academic Studies and Research

# FACULTY MEMBERS

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**Dr. R. Santhakumar**

Professor and Head, Department of Civil and Environmental Engineering



**Dr. M. Senthil Kumar**

Professor, Department of Mechanical Engineering



**Dr. Seshu Babu Pulagara**

Assistant Professor, Department of Computer Science and Engineering



**Shri V.A. Shamsudeen**

Consultant, Extension Centre Kalamassery

# FACULTY MEMBERS

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FACULTY MEMBERS

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Head, Department of Education



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# FACULTY MEMBERS





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