

Online **STC / FDP** on

IoT and Data Analysis of Sensor Data

Organised by **Department of Artificial Intelligence & Machine Learning, NMAM Institute of Technology, Nitte** in association with
NITTTR, Chandigarh.



Venue:

AI Skills Lab, SMVL-56,
5th Floor, Sir M V Block, NMAMIT, Nitte

Date: 19 – 23 January, 2026

For details contact;

Dr. Laxmi Gulappagol +91 98865 52411
Mrs. Rakshitha +91 7760485404

Register now





Department of Artificial Intelligence and Machine Learning
in association with

National Institute of Technology Teachers Training & Research, Chandigarh
Organizing

Online STC/FDP on "IoT and Data Analysis of Sensor Data"



From 19 – 23 January, 2026

Venue: AI Skills Lab, SMVL-56, 5th Floor, Sir M V Block, NMAMIT, Nitte

About the Program: The aim of this course is to train faculty members, scientists, and industry professionals on various aspects of IoT systems, including sensor integration, data acquisition, communication protocols, and analytical techniques. Participants will gain hands-on experience in processing and interpreting sensor data for developing smart, data-driven, and real-time IoT applications.

Objectives & Outcomes:

- Understand IoT architecture, sensor technologies, and system components.
- Acquire skills to integrate sensors and manage real-time data.
- Learn to analyze, visualize, and interpret sensor data using suitable tools.
- Develop the capability to design and implement smart, data-driven IoT applications across various domains such as healthcare, agriculture, and industry.

For registration, use the link below:

<https://fdp.nitttrchd.ac.in/fdp2025/>

About Nitte (Deemed to be University):

Nitte (Deemed to be University) has its roots in a group of Institutions established by the Nitte Education Trust. The Trust was established in 1979 by one of India's respected Statesmen, Late Justice K S Hegde, Supreme Court Judge and Speaker of Lok Sabha, with the mission of empowering rural youth through quality education and healthcare. The Trust has established 36 institutions spread in three campuses at Nitte, Mangalore and Bangalore. It offers education in diverse areas of learning including health professions education, engineering, management, humanities, general education, vocational training, and school/pre- university education. The University offers a total of 160+ programs, in the disciplines of medicine, allied health sciences, dentistry, pharmacy, nursing, physiotherapy, speech and audiology, biological sciences, media & communication and Architecture. It has 27,000 students, 5,500+ faculty and 1 lakh alumni. The University campuses are spread over 52 acres in Deralakatte-Paneer areas of Mangalore.

About NMAMIT, Nitte:

NMAM Institute of Technology (NMAMIT), Nitte was established in 1986 and approved by the All-India Council for Technical Education, New Delhi, is a constituent college of Nitte (Deemed to be University), Mangaluru. NMAMIT is ranked in the rank band 151-200 in the National Institutional Ranking Framework (NIRF) 2025 by MoE, Gol among the engineering colleges in India. NMAMIT has active collaborations with several international universities and organizations for faculty and student exchanges, research, internships, and placements. The institute offers B.Tech, M.Tech, MBA, MCA, and doctoral programs. NMAMIT is located in a vibrant, serene, green campus at Nitte spread over 125 acres and is nestled in the Western Ghats of Southern India on the way to the Kudremukh ranges.

About the Department:

The Department of Artificial Intelligence and Machine Learning is dedicated to advancing the frontiers of AI and Machine Learning research, education, and application. Bachelor of Technology in Artificial Intelligence & Machine Learning equips students with the skills and knowledge required to analyse, design and control intelligent systems. This program equips students with a strong foundation in core Computer Science concepts and advanced AI technologies, including image processing, machine learning, natural language processing, neural networks, deep learning, reinforcement learning, and big data analytics. AIML is equipped with the latest computers and state of the art amenities facilitating research work and projects for the students and research scholars in addition to regular curricular activities. The AIML Department has established the AI Skills Lab, equipped with advanced workstations and GPUs in collaboration with Intel and Dell Technologies, to promote hands-on learning, research, and innovation in cutting-edge AI technologies.

Steps for applying STC/FDP on " IoT and Data Analysis of Sensor Data"

- Step 1: All participants are required to **create their online account** through one time registration as new user. <https://fdp.nitttrchd.ac.in/fdp2025/partiregister.php>
After registration, participants: a) can Manage/Update their profile. b) Apply for Training Programme c) View all the Trainings they have applied and attended.
- Step 2: Verify **mobile no through OTP**. (Without mobile no verification participants will not be able to login to their account)
- Step 3: After login, participant has to click on **Apply for STC menu** in the left panel.
- Step 4: Select the Department (**Information Management and Emerging Engineering Department**) and Mode (**ONLINE MODE**) to search the Course and SUBMIT
- Step 5: Apply for the desired Training/Short Term Course: **ICT-96 "IoT and Data Analysis of Sensor Data"**.
a) Select the **Occupation**
b) Select the venue from where you want to attend the course as **"From Registered Remote Center"**
c) Select the Remote Center as **"NMAM Institute of Technology, Nitte, Karnataka"**
d) Select Whether you are **Faculty/Staff/Student** of AICTE approved Technical Institute or Govt./ Private Technical Universities.
- Step 6: Download Application form under **STC Applied menu** in the left panel, print it, get it duly signed by Competent Authority of your Institution.
- Step 7: Upload the **signed Application form/sponsorship letter** under upload sponsorship menu in the left panel.
- Step 8: Confirmation to the participants will be sent by the **program coordinator**.
- Step 9: All confirmed participants **must Join online / offline** (as per the mode of course conduct) at 9:30 am on the starting day of the training.
- Step 10: After successful completion of the course, participants can **download completion certificate** of Short-Term Courses/Faculty Development Program.

Note:

1. Participants registered under the remote center: **NMAM Institute of Technology, Nitte**, from **AICTE-approved technical institutions (Engineering & Polytechnic)**, are required to pay a fee of **Rs. 590/- (inclusive of GST)**. The amount can be **reimbursed upon submission of the course completion certificate by their respective department**.
2. There will be **3 sessions (1.5 h each) per day**.
3. All lectures/session are in online mode/hybrid mode.

NITTTR Course Coordinator

Dr. Maitreyee Dutta

Professor, Dept. of Information Management and Emerging Engineering,

NITTTR Chandigarh

Email ID: maitreyee@nitttrchd.ac.in

Mobile No. 9815612274

Address for the Communication:

Dr. Laxmi Gulappagol

Associate Professor,

Department of AI&ML,

NMAM Institute of Technology, Nitte.

Udupi, Karnataka-574110

Email ID: laxmi.gulappagol@nitte.edu.in

Ph: +91 9886552411

Mrs. Rakshitha

Assistant Professor (Grade-I),

Department of AI&ML,

NMAM Institute of Technology, Nitte

Udupi, Karnataka-574110

Email ID: rakshitha.s@nitte.edu.in

Ph: +91 7760485404

Chief Patron:

Shri. N. Vinaya Hegde, President, Nitte Education Trust & Chancellor,
Nitte (Deemed to be University)

Patron:

Prof. (Dr.) M S Moodithaya, Vice Chancellor, Nitte (Deemed to be University)

Chairman:

Dr. Niranjana N. Chiplunkar, Principal, NMAMIT, Nitte

Convenor:

Dr. Sharada U. Shenoy, Professor & HoD, Dept. of AIML, NMAMIT, Nitte

FDP Coordinators:

Dr. Laxmi Gulappagol, Associate Professor, Dept. of AIML, NMAMIT, Nitte

Mrs. Rakshitha, Assistant Professor-I, Dept. of AIML, NMAMIT, Nitte

Organizing Committee:

Dr. Rashmi Adyapady R, Assistant Professor-III, Dept. of AIML, NMAMIT, Nitte

Dr. Sudesh Rao, Assistant Professor-III, Dept. of AIML, NMAMIT, Nitte

Ms. Disha D. N., Assistant Professor-II, Dept. of AIML, NMAMIT, Nitte

Mr. Mahesh B L, Assistant Professor-II, Dept. of AIML, NMAMIT, Nitte

Ms. Swathi Pai, Assistant Professor-II, Dept. of AIML, NMAMIT, Nitte

Ms. Sneha Shetty R., Assistant Professor-II, Dept. of AIML, NMAMIT, Nitte

Ms. Smitha, Assistant Professor-II, Dept. of AIML, NMAMIT, Nitte