



ISTE-BNY one week Knowledge Enhancement Programme

on

Teaching Tomorrow's Technologies: IoT and Industry 4.0 for Educators

(15th - 20th June 2026)

organised by

Department of Internet of Things, Seshadri Rao Gudlavalleru Engineering College

in association with

Indian Society for Technical Education (ISTE)



Preamble:

"ISTE-BNY Initiative" is a collaborative programme of Indian Society for Technical Education (ISTE) and BNY, aimed at strengthening technical education through faculty development and knowledge enhancement activities. This initiative focuses on offering Faculty Development Programmes in standardized courses and emerging areas such as IoT, Industry 4.0, Artificial Intelligence, and Data Analytics. It also supports training and consultancy services for industry, curriculum development aligned with industry needs, Continuing Education Programmes (CEP) for working professionals, and guidance for innovation, technical incubation, and entrepreneurial activities.

About the FDP:

This FDP is aimed at enhancing knowledge of emerging technologies related to real-world applications of Internet of Things (IoT) and Industry 4.0. The programme is conducted in virtual mode by the Department of IoT, Seshadri Rao Gudlavalleru Engineering College, in association with Indian Society for Technical Education-BNY. Experts from Industry and Academia will deliver the lectures.

Major Course Content:

- IoT Architecture and Industry 4.0 Framework for Smart Systems
- Industrial IoT (IIoT), Cyber-Physical Systems and Digital Twin Concepts
- Edge, Fog and Cloud Computing in Smart Industrial Environments
- Industrial Communication Protocols and Networking
- Smart Sensors, Industrial Automation and IoT Applications (Smart Grid, Real-world Use Cases)
- IoT Security, Privacy and Risk Mitigation in Industrial Systems
- AI-Driven IoT Systems and Data Analytics for Predictive Maintenance
- Emerging Trends in IoT and Industry 4.0 (UAVs, Advanced Wireless Systems)

Resource Persons:

Eminent people from industry and reputable academic institutions like IISc, IIITs, NITs, Universities and Industries.

Registration Fee Details:

Registration is free. Participants can apply in online within the deadline. Selection is on a first-come-first-serve basis, and confirmation will be sent via email.

How to apply:

Participants are required to fill the online registration form by clicking on the following link:

<https://forms.gle/kbw1H8YKAwWn9hLa7>



Scan QR to register

Criteria for Selection and Assurance of Certificate:

Participation will be extended to 50 faculty members from various educational institutions on first-come first serve basis. Faculty with ISTE life membership will be given preference, and participants from across India are encouraged as it is an online programme. Participants must maintain a minimum of 80% attendance and secure at least 60% in the final assessment. Certificates will be issued to participants upon successful completion of the course.

Important Dates:

Last date (Application)	01.06.2026
Selection List by E- mail	05.06.2026
Duration	15.06.2026 to 20.06.2026

About the Department:

The Department of Internet of Things was established in the academic year 2020-21, offering a B.Tech program with a strong emphasis on emerging technologies and interdisciplinary research. The department is supported by a dedicated team of faculty members, including six doctorates, who actively contribute to academic excellence and innovation. The faculty members are actively involved in research and professional development, focusing on areas such as the Internet of Things, cyber physical systems, drone technology, and intelligent IoT applications with 5G and beyond. The publications of the research articles in reputable Journals and Patent publications by the faculty is reflecting the Research Culture in the department. As a cohesive team, the faculty strives to foster innovative learning environments, encourage research-driven education, and build a strong network of academicians and industry professionals to achieve sustained excellence. Active student participation in professional society activities as a reflection of the department's academic and professional engagement

About SRGEC:

Seshadri Rao Gudlavalleru Engineering College (SRGEC) was established in the year 1998 and is promoted by AANM & VVRSR Educational Society. SRGEC is an Autonomous institution with permanent affiliation to JNTUK, Kakinada. The college is accredited by NAAC with "A+" grade with 3.46 CGPA. The UG B.Tech programs in CE, EEE, ME, ECE, CSE & IT have been Accredited by National Board of Accreditation (NBA), New Delhi under Tier-I. Departments of CE, EEE, ME, ECE & CSE were recognized as Research Centers of JNTUK from the academic year 2014-15. College is offering UG - B.Tech Programs in CE, EEE, ME, ECE, CSE, IT, CSE(AI&ML), AI&DS, and IoT, PG-M.Tech programs with specializations of SE, PEED, MD, VLSID&ES, CSE (AI&ML) and PG-MBA program with an total intake of 1590.

Coordinators :

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