

Resource Persons

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Guidelines

- No registration fee.
- Open to faculty from AICTE-approved institutions, research scholars, industry professionals and students.
- Limited slots available. Participants will be selected on a first-come, first-serve basis. Certificates will be issued by AICTE upon meeting attendance requirements.

For Registration Contact:

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Scan Me



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AICTE-VAANI

Sponsored
2-Day Seminar
on



Future Smart Cities and Intelligent Mobility

in regional language TELUGU

17/10/2025 to 18/10/2025



Organized by

Department of CSE

Chalapathi Institute of Technology,

A R Nagar, Mothadaka, Guntur-522016, Andhra Pradesh

Website: www.city.ac.in

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About CITY

Chalapathi Institute of Technology, Guntur was established in the year 2008 by Chalapathi Educational Society. The Chalapathi Educational Society, Guntur was formed in 1995 by Sri Y.V. Anjaneyulu an outstanding academician and a philanthropist with a vision for sparkling future to set up and to promote such educational institutions of excellence that would reorient general, technical and professional education with a holiest approach. The burning objective of the Institute is to promote flowery education which is indispensable and useful for the society with professional and ethical values through the divine centers of excellence. Unique in its structure, amazing methods and goals, the college is strongly rooted in a philosophy of training and research that emphasizes the intimate relationship between knowledge and its application and seeks to promote the creation of an ideal society. Absolute discipline, start-of-art facilities, sophisticated infrastructure made the institution as the most sought-after college in the region. Solid academics, next generation teaching methodology, excellent training and holistic learning, dedicated team of faculty, committed administrative staff carved the institution as portal of quality technical education. CIT is the only college which is very nearer to Andhra Pradesh state capital 'Amaravathi'.

About Department of CSE

The department of computer science & Engineering was started with an initial intake of 60 students in B.Tech in Computer Science & Engineering in the year 2008 and the intake is enhanced to 120 in the year 2011. At present there are 420 students at each level. In 2012, the department started M.Tech Programme in "Computer Science and Engineering" with an intake of 18 students. Our department possesses sufficient teaching and non teaching faculty according to desired qualifications.

About AICTE-VAANI

The local language communication in India is vital for effective developmental action. According to Census of India, 122 major languages and 1599 other languages out of which 30 languages are spoken by over a million native speakers in different parts of India. Disseminating knowledge and strengthening the learning process through the medium of Indian languages thus becomes a necessity to achieve the Viksit Bharat 2047 dream. Regional Level Conferences/Seminars/Workshops on the recent trends/updates/innovations in technical field are supported under this scheme. The scheme provides financial assistance to AICTE approved institutions for organizing Conference/Seminar/Workshop in emerging fields of technical education in 22 Indian languages.

Objectives of the Seminar:

- To educate the concepts, technologies, and challenges of smart city development, particularly in the context of transportation and mobility.
- To improve quality of life, enhance service efficiency, increase safety and security, and achieve environmental and economic sustainability.
- It should also inspire them to think creatively about urban planning and how technology can improve the quality of life for citizens.
- The seminar should foster a sense of civic responsibility and encourage active participation in shaping the future of their cities.

Outcomes of the Seminar:

After the program, participants will be able to

- Understanding of what constitutes a Smart City and the role of intelligent mobility in enhancing urban living.
- To learn about the potential of Smart Cities to improve quality of life, reduce traffic congestion, promote sustainability, and address social inequalities.
- They would also be introduced to potential challenges like cyber security risks and the need for inclusive design.
- To inspire students to see themselves as part of the solution, fostering a sense of ownership in shaping the future of their cities.

- To emphasize the importance of multidisciplinary collaboration and innovative thinking in addressing the challenges of urban development.
- To provide insights into the various career opportunities available in the field of Smart Cities and Intelligent Mobility, including roles in technology, urban planning, and policy Development.

Course Schedule:

Day1

Forenoon

- Inauguration
- Smart Mobility: Challenges and Trends
- Big Data and Artificial Intelligence for Communications in Smart Mobility

Afternoon

- Mobile Data Offloading for Smart Mobility in a Heterogeneous Network.
- A User-Demand Privacy-Preserving Framework based on Association Rules and Differential Privacy in Social Networks.
- Discussion

Day2

Forenoon

- The governance of smart mobility.
- Traffic Network Monitoring and Post-Processing.
- Application of Mobile Signaling in Highway Traffic Network Monitoring

Afternoon

- Smart cities concept: Smart mobility indicator. Cybernetics and Systems.
- Developing SMART Goals for your organization. Open challenges in smart cities. Sustainable Cities and Society.
- Valedictory

