

Organizing Committee

Organizing Chair

Dr. S. Senthil, M.E., Ph.D., Principal

Coordinator

Dr. R. Sureshbabu, Prof & Head / ECE

Co-Coordinator

Dr. T. Prathiba, Assistant Professor / ECE

Target Audience

- Faculty members of AICTE Approved Institutions (Engineering and Polytechnic)
- ISTE Life Members

Registration

- Participants are selected based on early registration
- Last Date of registration: 30.11.2021
- Everyday 3 sessions (1 ½ hour each session)
- No Registration Fee
- Course through Online Mode

Registration Link

<https://tinyurl.com/Next-Generation-Computing-FDP>

Certificate

- **Test will be conducted at the end of the session.**
- Certificates will be issued to participants those who have attended the program with minimum 80% Attendance and scored minimum 60% mark in the Test

Resource Persons

1. **Dr.Vijay D Vaidya**, Executive Secretary, Indian Society for Technical Education New Delhi.
2. **Dr.Shiva Prakash.N.C**, Professor, Department of Instrumentation & Applied Physics IISC, Bangalore.
3. **Dr.Ramachandran.V**, Founder Director, NIT, Nagaland Former Vice Chancellor, Anna University, Tiruchirapalli.
4. **Mr.Ambal Muthumani**, Proprietor, Ambal Coffee Virudhunagar.
5. **Dr.Ujjwal Bhattacharya**, Associate Professor, Computer Vision & Pattern Recognition Unit, Indian Statistical Institute Kolkhata.
6. **Dr.Ramkrishnan.S**, Professor & Head, Department of Applied Mechanics, IIT Madras
7. **Dr.Anbunathan Ramaiah**, Founder & CEO of “Digi Tran Solutions”, Bangalore.
8. **Dr.P.Muthu**, Associate Professor, Department of Mathematics NIT Warangal, Telegana
9. **Dr.P.Anandhakumar**, Professor, Department of IT MIT, Chennai
10. **Dr.N.Srinivasan**, Adjunct Professor, BITS Pilani, WILP Chennai Campus Senior Consultant, Bassure Solutions Private Limited, Chennai
11. **Dr.M.Manikandan**, Associate Professor, Department of Electronics MIT, Chennai



AICTE – ISTE Sponsored Induction / Refresher Programme

On

Next Generation Computing and Its Application (Artificial Intelligence, Machine Learning, Deep Learning and Data Science)

18th to 24th December 2021

Organized by

Department of Electronics and
Communication Engineering
(Accredited by NBA, New Delhi)



(An Autonomous Institution - AFFILIATED TO ANNA UNIVERSITY, CHENNAI)

S.P.G.Chidambara Nadar - C.Nagamal Campus
S.P.G.C. Nagar, K.Vellakulam – 625 701 (Near VIRUDHUNAGAR).

Last date for Registration

30.11.2021



Topics Covered

- Artificial Intelligence and its Application
- Machine Learning - Building AI Voice Command based IoT System
- Mathematics for Machine Learning
- Machine Learning Applications
- Machine Learning in Multimedia Applications
- Optimization Techniques in Machine Learning
- Deep learning - Building AI Face Recognition based Smart Home Solution
- Deep Learning and Its Application
- Natural Language Understand using RASA Opensource
- Data Science - Analysing and predicting using K-means Clustering Algorithm
- Data Science Scopes and Advantages
- New Education Policy 2020
- Mental & Environment Development

Outcome of the Course

The participants will be able to

- Apply the basic concepts of Machine Learning and Data Science in open source platform
- Explore the research concepts of Artificial Intelligence, Machine Learning, Deep Learning and Data Science.

About AICTE ISTE

- AICTE promotes the quality in teaching, plans and coordinates the development of technical education system and regulates and maintain the Norms and Standards.
- The Indian Society for Technical Education (ISTE) empowers the career development of teachers and personality development of students and overall development of our technical education system.
- AICTE and ISTE jointly sponsoring for Induction / Refresher programme to help the faculty members to update their knowledge and providing an opportunity for interaction and mutual exchange with resource persons identified from industries and renowned institutes having expertise in particular areas of specialization.

About the Induction / Refresher Program

- To enrich the knowledge on the basic concepts of Artificial Intelligence, Machine Learning, Deep Learning and Data Science
- To provide awareness on the tools available for Machine Learning and Data Science
- To benefit the participants on the research aspects of the current area.

About the College

Kamaraj College of Engineering and Technology is established in 1998 – 1999. Our College becomes Autonomous from 2019. It is rightly named after the son of soil, Bharat Ratna Sri. K. Kamaraj who was the undisputed leader of the suppressed downtrodden and a champion of free education for Masses. Our College is approved by AICTE, New Delhi & Accredited by NBA, NAAC with “A” Grade and affiliated to Anna University Chennai. It is promoted and supported by Virdhunagar Hindu Nadar’s Mahamai Tharappus in Virudhunagar. The College attracts outstanding students from different parts of India by virtue of its discipline and infrastructure facilities.

About the Department

The Department of Electronics and Communication Engineering is established in the year 1998. In 2011, the department started post graduate program, M.E. degree in Communication and Networking. In 2015, the Department has been recognized as Research Center by Anna University Chennai and reaccredited by NBA (2020 – 2023). The Department has 18 highly qualified and well experienced faculty members. It is well equipped with fully air conditional laboratories to cater the present academic and industry requirements. The department is conducting various workshops and Seminars to update students and faculty members with the knowledge of emerging fields towards industrial applications.



Contact

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