

AICTE TRAINING AND LEARNING (ATAL) ACADEMY

ATAL Programme is an initiative by AICTE which aims at empowering faculty to achieve goals of Higher Education such as access, equity and quality. These programs have been designed to fulfill the need to train the young generation in skill sector and having faculty & technicians to be trained in their respective disciplines.

The objectives of ATAL FDP are

- To support technical institutions in fostering research innovation and entrepreneurship through training.
- To stress upon empowering technical teachers & technicians using ICT
- To provide a variety of opportunities for training and exchange of experiences such as workshops, orientations, learning communities, peer mentoring and other FDPs.

ABOUT THE INSTITUTION

Sri Krishna College of Engineering and Technology (SKCET), Coimbatore, established in 1998 is one of the most sought-after premier Institutions in South India. SKCET is an Autonomous Institution approved by AICTE, affiliated to Anna University and accredited by NAAC and NBA. The campus is located in NH47 highway, just 3 kms from the heart of the city. The college offers 8 Under Graduate, 1 Integrated, 9 Post Graduate and 5 Research programmes. SKCET also has its highest echelon in National rankings with 83rd among Engineering colleges in NIRF 2020, 2nd rank in Swachh campus, 3rd in USVA and Top 100 league in ARIIA. The research imprint of SKCET scales to granted R&D funding projects to a tune of 7.7 Crores, 98 published patents and 1000+ journal publications. With industry drafted Choice Based Credit System (CBCS) curriculum, a full-fledged infrastructure and prolific Placement cell, SKCET takes every effort to produce globally competitive engineers.

ORGANIZING COMMITTEE

CHIEF PATRON:

Smt. S. Malarvizhi
Managing Trustee
Sri Krishna Institutions
Coimbatore

PATRON:

Dr. J. Janet
Principal, SKCET

CONVENER:

Dr. S. Sophia
Professor & Head / ECE, SKCET

CO-ORDINATORS:

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AICTE Training and Learning (ATAL) Academy Sponsored One Week Faculty Development Program (FDP) on

“ARTIFICIAL INTELLIGENCE, MACHINE LEARNING AND GENOMICS”

31.08.2020 to 04.09.2020

Organized by



Department of Electronics and
Communication Engineering

**Sri Krishna College of Engineering and
Technology
Coimbatore –641008.**

**(An Autonomous Institution Affiliated to
Anna University, Chennai)**

in association with
AICTE Training and Learning (ATAL)



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Faculty Development Program (FDP) on
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ABOUT THE PROGRAMME

The world is moving towards the involvement of artificial intelligence and machine learning in every possible domain. Companies like Google, Uber, Tesla and many more have already started releasing different models of the traditional automobile vehicle equipped with AI. It is expected that AI is the key technology which is going to revolutionize every business and industrial sector. This FDP brings you a taste of technology and generate a quick start interest to work with future technologies.

TOPICS TO BE COVERED

1. Components of AI Algorithm
2. Expert system in AI
3. ML tools and Techniques
4. ML Algorithm for real-world application
5. Introduction to Deep learning
6. Data Reconstruction using Deep Neural Networks
7. AI in Genomics

OBJECTIVE OF THE FDP

- To equip teachers with skills and knowledge in the field of Artificial Intelligence, Machine learning, Genomics.

- To familiarize with the practical aspects of this field and gradually teach them the industrial usage of Artificial Intelligence, Machine learning and Genomics for various applications.

RESOURCE PERSONS

- The sessions will be handled by the experts from industry and other reputed academia.

WHO SHOULD ATTEND?

- Registration is open to faculty members of the AICTE approved institutions, research scholars, PG Scholars and participants from Industry.

REGISTRATION FEE

- No fees will be charged to faculty members working in AICTE approved institutions.

SELECTION PROCESS

- Participants are limited to a maximum of 300 on first-come-first-serve basis and selected candidates will be intimated through email.

IMPORTANT DATES

- Submission of application: 21.08.2020
- Intimation of selection: 24.08.2020
- Confirmation by participants: 26.08.2020

Mode

- Online

REGISTRATION LINK

<https://forms.gle/651sokeKH8nZ8nAN7>



CERTIFICATES WILL BE ISSUED

- Based on the session attendance and the test performance at the end of the programme.