

AICTE Sponsored

FIVE DAY ONLINE

Faculty Development Program

ON

**“Intelligent Computing in
Data Science”**

7th to 11th Dec 2020

Coordinator

Dr. J. Janet

Sponsored By



Organized by

**Department of Computer Science and
Engineering**

**Sri Krishna College of
Engineering and Technology**

(An Autonomous Institution)

Kuniamuthur, Coimbatore – 641008

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ORGANIZING COMMITTEE

Chief Patron:

Smt .S. Malarvizhi

Chairperson &

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Dr. J. Janet

Principal /SKCET

Convener:

Dr. K. Sasi Kala Rani

HOD/CSE

Coordinator:

Dr. J. Janet

Professor/CSE

Co - Coordinator:

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Mode:

Online

IMPORTANT DATES:

Submission of application: **28th Nov 2020**

Intimation of selection: **30th Nov 2020**

Confirmation by participants: **1st Dec 2020**

FOCUS GROUP

Faculty members from Engineering
Institutions will find this FDP efficacious.

REGISTRATION DETAILS

Registration Fee: Free (AICTE Sponsored)

REGISTRATION LINK:

<https://atalacademy.aicte-india.org/login>

1. Register as a participant → Fill your details.
2. Select workshop: Tamilnadu → Month → December → Thrust Area → Data Sciences → Online Mode.
3. Select Institute → Sri Krishna College of Engineering and Technology

**Conduction of Test and Issuance
of Certificate**

- A test shall be conducted at the end of the program.
- Those who have attendance 80% or more and also score more than 60% in the test will be issued a digital certificate.

ABOUT THE COLLEGE

Sri Krishna College of Engineering and Technology, approved by AICTE and affiliated to Anna University, was established in the year 1998 for providing quality technical education to the young minds of the state. In all, the College offers nine UG and seven P.G. programmes in Engineering, Computer Applications and Management. It has full-fledged infrastructure furnished in all aspects with a world-class library as the highlight. The college acquired 83rd position in NIRF ranking and has been accredited by NAAC with 'A' grade. Also, the College was granted Autonomy from the year 2011.

ABOUT THE DEPARTMENT

The Department of Computer Science & Engineering has been in an exuberant existence since the inception of the Institution to instill curiosity blended with love for acquiring global language to help the learner in transcending any impediments by widening the scope and accessibility of educational opportunities. Our Recognized Research centre maintains high and sustained level of technical vitality with 8 supervisors.

ABOUT THE FDP

Computing is a science and an engineering discipline as well as a craft to be mastered. Engineers in practice are now skilled in the craft of using tools for tasks such as numerical analysis, drafting, detail design and project planning. Current and future computing opportunities and challenges require more scientific applications of computer science principles. Also, these principles need to be adapted and enriched to account for the unusually demanding application contexts that are common in engineering. Intelligent computing is the application of advanced computing methods to improve performance in areas such as complex representations that are clear to users and easily modifiable; exploration and search in exponentially complex search spaces; visualization tools and flexible engineer-computer interfaces that empower rather than hinder; active control for learning, self diagnosis and repair; and computer supported collaborative work for higher quality communication.

COURSE CONTENTS

- * Introduction to DataScience
- * Intelligent Decision and Multiagent system
- * EvolutionaryAlgorithms
- * Programming tools for DataScience
- * Data Analysis and RegressionTechniques.
- * Business Modeling and StatisticalAnalysis
- * Hands on Session usingPython.
- * Data Visualization andAPI's
- * Machine LearningParadigm.
- * Feature Engineering and FeatureSelection
- * Applications of DataScience
- * Digital Processing using OpenCV

RESOURCE PERSONS

Sessions will be handled by experienced experts from premier institutes and leading industries.