

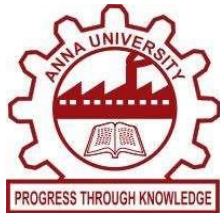
TWO-DAY FDTP

ON

**Research Trends in
Data Analytics & Bio-Inspired
Computing**
31st January – 1st February 2020

COORDINATORS

**Dr. P. Kola Sujatha
Dr. J. Dhalia Sweetlin**



SPONSORED BY

**UGC XII Plan Scheme
and
Centre for Faculty Development
Anna University, Chennai**

ORGANIZED BY

**Department of Information Technology
MIT Campus, Anna University, Chennai**

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Dept. of IT, MIT Campus, AU.

CO-ORDINATORS **Dr. P. Kola Sujatha**

Dr. J. Dhalia Sweetlin

Dept. of IT, MIT Campus, AU.

VENUE

**Conference Hall (I floor)
Dept. of IT, MIT Campus, Anna University.**

IMPORTANT DATES

Last date for Submission : 20.01.2020

Intimation of selection : 21.01.2020

Confirmation by Participants : 23.01.2020

REGISTRATION FORM

Name:

Designation:

Qualification:

Email_id:

Mobile No.:

DOB and Age:

Community:

Institution address:

Communication address:

DECLARATION

I declare that the details furnished above are true to the best of my knowledge and belief and agree to abide by the rules and regulations governing the conduct of faculty development training program sponsored by UGC XII Plan Scheme and CFD, Anna University, Chennai.

Signature of Applicant

SPONSORSHIP CERTIFICATE

Certified that Dr. /Prof. /Mr. /Ms _____ is a bonafide faculty member of our Engineering College. He/She is sponsored to attend this FDTP on "Research Trends in Data Analytics & Bio-Inspired Computing" from 31st January to 1st February 2020.

Date:

Place:

Signature & Seal of the principal

Anna University

Anna University was established on 4th September 1978. It offers higher education in Engineering, Technology and allied Sciences relevant to the current and projected needs of the society. Besides promoting research and disseminating knowledge gained there from, it fosters cooperation between the academic and industrial communities.

MIT Campus

The Madras Institute of Technology campus of Anna university was established in 1949 by a visionary entrepreneur and eminent industrialist Shri. Chinaswami Rajam. It was merged with Anna University in the year 1978. Sixty years hence, while it continues to be a pioneer in courses that it gave birth to, it is already renowned for producing the crème de la crème of the scientific community in more nascent courses such as Computer Science and Information Technology.

About the Department

Department of Information Technology, MIT, Anna University, thrives to accomplish its vision of developing dexterous and proficient students. Its progress is growing exponentially in contributing efficient and technically sound students to the corporate world. The department has a team of dynamic, young and dedicated staff, with specialization in wide array of areas. It offers full time and part time courses for UG, PG and Research. The department receives funds from DST under FIST programme.

ABOUT THE COURSE

Big data has unimaginable growth due to digitized data from various sources. Recently, domains like, health care, administration, biochemistry and other real time scientific researches handle big data to extract the knowledge for decision making. The research issues of this include data storage, data analysis, knowledge mining, computational overheads, scalability, data security and data visualization. Bio-inspired computing is a research area inspired by nature and it plays a vital role in data analysis due to its optimization.

This FDTP is intended to address the recent trends in analysing the variety of big data and how the bio-inspired computing helps in the data analytics.

COURSE CONTENTS

- Research issues in data analytics
- Image analytics
- Recommendation System
- AutoML
- Video analytics
- Research issues in bio-inspired computing
- Optimization using genetic algorithm
- Feature selection using Bio-inspired algorithms
- Hands on – Data analysis using Matlab & Python

RESOURCE PERSONS

Experts from academia, research organizations and industry.

ELIGIBILITY

Faculty from Affiliated Engineering Colleges of Anna University.

GUIDELINES

- No fees for participants.
- Session time - 09:00 AM to 4:45 PM
- Total number of participants is strictly 30.
- Eligible participants will be selected based on first come first serve basis.

For Details Contact

The Coordinator(s),
FDTP on Research Trends in Data Analytics &
Bio-inspired Computing,
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