

## ABOUT THE INSTITUTE

Anna University was established in September 1978 as a unitary type of technical university amalgamating four institutions: College of Engineering Guindy, Alagappa College of Technology, Madras Institute of Technology and School of Architecture and Planning. Madras Institute of Technology is a premier technical institution started in the year 1949 by Shri. C. Rajam, an eminent industrialist. The institute offers Engineering courses such as Aeronautical Engineering, Automobile Engineering, Electronics Engineering & Instrumentation Engineering, Information Technology, Computer Science & Engineering, Mechanical Engineering, Production Technology and Rubber & Plastics Technology.

## ABOUT THE DEPARTMENT

The Department of Information Technology was instituted in the year 2001 with the objective of imparting knowledge in cutting-edge technologies in Information Technology and Computer Science. 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 both UG and PG.

## LOCATION

Madras Institute of Technology is located in Chrompet, Chennai, Tamil Nadu, India and the campus is very close to Chrompet railway station.

## ABOUT THE ONLINE-STTP

The Online-STTP is intended to provide opportunity for faculty members affiliated to Anna University to enhance their knowledge in the area of Data Sciences.

## TOPICS TO BE COVERED

The following topics will be covered in this STTP:

- Data Science – An Overview
- Federated Learning
- Data Analytic Tools
- Deep learning and its applications in healthcare
- E Business Analytics & Business Intelligence
- Data Science in Education & Learning Analytics
- Machine Learning Algorithms for Image Quality Assessment & Applications
- Cloud Based Data Engineering
- Practical Machine Learning : Working with data in the real world
- Image Data Analysis for cyber-crime detection
- Transformers in Deep Learning
- Positive and Unlabeled learning for anomaly detection
- Building ML @ Scale

## RESOURCE PERSONS

Resource Persons are experienced faculty members from reputed institutions and experts from Industry and other R&D laboratories

Dr. S. Thamarai Selvi (Vice Chancellor, Thiruvallur University)  
Dr. V. Masillamani, Professor, IIITDM, Kancheepuram  
Dr. G. Kulanthaivel & Dr. P. Malliga, (Professors, NITTTR, Chennai)  
Dr. A. Kannan, (Professor, VIT, Vellore)  
Dr. B. Loganathan (Professor, Pondicherry Engineering College)  
Dr. B. Surendiran (Assistant Professor, NIT, Puducherry)  
Dr. S. Lovelyn Rose (Associate Professor, PSGTech, CBE)  
Dr. B. Amutha & Dr. K. Annapurni (Professors, SRMIST)  
Dr. Ponsy R. K. Sathia Bhama (Associate Professor, MIT)  
Ms. R. N. Karthika (Assistant Professor, Saveetha Engg.)  
Mr. Solai Murugan & Mr. Vinoth (C-DAC, Chennai)  
Dr. Ram Prakash Srinivasan, (Calico, US)  
Dr. Srayan Datta, (Google, US)  
Mr. Jigar Surana, (Facebook, US)  
Mr. Sudeesh Robert, (LIRDigital, UAE)  
Mr. Albert Einstein, (Einnel Technologies, Chennai)  
Ms. Merlin S, (Einnel Technologies, Chennai)  
Mr. N. Sivasubramanian, (CISCO Systems, Chennai)  
Mr. Darwin T, (Asir Technologies, Bengaluru)

## ONLINE Six Day AICTE-AU STTP on

## Recent Trends in Data Sciences 3<sup>rd</sup> January – 8<sup>th</sup> January, 2022

*Coordinators*

**Dr. J. Dhalia Sweetlin, Assistant Professor**

**Dr. P. Kola Sujatha, Assistant Professor**



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**AICTE, NEW DELHI**

**&**

Organized by  
**Centre for Faculty Development,  
ANNA UNIVERSITY  
CHENNAI**

Conducted by  
**Department of Information Technology,  
Madras Institute of Technology Campus,  
Anna University, Chennai – 600 044.**

**ONLINE Six Day AICTE-AU STTP**  
**On**  
**Recent Trends in Data Sciences**  
**3<sup>rd</sup> January – 8<sup>th</sup> January, 2022**

**REGISTRATION FORM**

1. Name :  
(in capital)
2. Designation :
3. Qualification :
4. Age & D.O.B:
5. Professional Experience (in years)  
Teaching :  
Industrial :
6. Address of the College/institution :
7. Research interest :
8. Phone (Office) :  
(Mobile) :
9. E-mail :

I hereby declare that all the details furnished by me are true to the best of my knowledge.

Signature of the Applicant

Signature of the HOD  
(with seal)

**REGISTRATION DETAILS**

- No Registration Fee
- Selection on first come first serve basis
- Faculty Members working in Colleges Affiliated to Anna University and Industry persons are eligible to attend this online STTP
- Selected candidates will be intimated by e-mail
- Confirmation of participation is to be made by e-mail
- Number of seats is restricted to 100

Send the duly filled in Registration form to the e-mail id: [research.fdtpt.it.mit@gmail.com](mailto:research.fdtpt.it.mit@gmail.com) on or before **24.12.2021**

*For further details, contact:*

**The Co-ordinators**

ONLINE-STTP on Recent Trends in Data Sciences  
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E-mail: [research.fdtpt.it.mit@gmail.com](mailto:research.fdtpt.it.mit@gmail.com)

**ORGANIZING COMMITTEE**

- CHIEF PATRON:** Dr. R. Velraj  
Vice-Chancellor  
Anna University, Chennai
- PATRON :** Dr. G. Ravikumar  
Registrar  
Anna University
- :** Col. B. Venkat  
Director (FDC)  
AICTE, New Delhi
- :** Dr. T. Thyagarajan  
Dean, MIT Campus  
Anna University
- CHAIR :** Dr. P. Vanaja Ranjan  
Director, CFD
- :** Dr.V.Adaikkalam  
Addl.Director, CFD
- CO-CHAIR :** Dr. Dhananjay Kumar  
HoD, IT, MIT
- Co-ordinators :** Dr. J. Dhalia Sweetlin  
Dr. P. Kola Sujatha

**Organizing Department:**  
Information Technology,  
MIT Campus, Anna University.

**IMPORTANT DATES:**

- Submission of Application : 24.12.2021**  
**Intimation of Selection : 27.12.2021**  
**Confirmation by Participants: 29.12.2021**