



Online Programme on DAS-01A / AIML-02A Data Science for All

October 14 - 24, 2026



Experts/Speakers-

Speakers from IITs/NITs/IIITs and
eminent experts from other walks
of life

EICT Academy MNIT Jaipur

Chairman, EICT Academy &
Director MNIT Jaipur

Prof. Narayana Prasad Padhy
Chief Investigator: Prof. Vineet
Sahula

Coordinator: Dr. Satyasai Jagannath
Nanda

Co- Chief Investigators: Prof. Lava
Bhargava, Prof. Pilli Emmanuel
Shubhakar,
Dr. Ravi Kumar Maddila

Objective (Electronics & ICT Academy- Phase II)

1) To conduct specialized FDPs for
faculty/mentor training in line with the
vision of MeitY in high-priority areas
supporting the "Make in India" and the
"Digital India" programs.

2) To promote synergy and
collaboration with industry, academia,
universities and other institutions of
learning

3) To support the National Policy on
Electronics 2019 (NPE 2019), which
envisioned positioning India as a global
hub for ESDM sector, including MeitY
Schemes/policies such as Programme
for Semiconductors and Display Fab
Ecosystem; India AI; National
Programme on AI, Production Linked
Incentive Scheme for IT Hardware &
Large-Scale Electronics
Manufacturing; EMC; SPECS; Chips to
System (C2S); etc.

4) To promote standardization of FDPs
through Joint Faculty Development
Programmes.

An intensive 40-Hour Training Programme in online mode is being organized for
faculty, doctoral students of engineering and technological institutions.
Working professionals from industry/organizations are also invited to attend.
The main theme of the training program will be oriented around exploring the
state-of-the-art methods for Data Science for All.

Programme Modules:

Module 1: Data Science Foundations & Python

Introduction to data science, data preprocessing, visualization, descriptive
statistics and essential Python programming.

Module 2: Mathematics, Probability & Statistics Linear algebra, SVD,
probability distributions, sampling, estimation, confidence intervals and
statistical hypothesis testing.

Module 3: Optimization & Predictive Modelling Mathematical optimization,
gradient-based methods, linear regression, classification, model evaluation and
cross-validation.

Module 4: Machine Learning & Data Mining Principal Component Analysis,
clustering, association-rule mining and recommender-system fundamentals with
practical demonstrations.

Module 4: Deep Learning & Text Analytics Introduction to artificial neural
networks and PyTorch, neural-network training, text preprocessing and an
overview of CNNs and RNNs.

Principal/Joint-Principal Coordinators

Prof. Namita Mittal, Jt-
PC MNIT Jaipur

Prof. Atul Gupta -PC,
IIITDM Jabalpur

Dr. Shivansh Mishra- PC,
IIITDM Jabalpur

Prof. R V Phani Jt-PC

Prof. Sanjeev Manhas

Prof. M P Singh & Dr

Registration is open to faculty, working professionals, industry persons,
doctoral, postgraduate, and graduate students from India and the rest of the
world. Participants will be admitted on a first-come, first-served basis.

Registration Fee

Mode of programme	India/SAARC/Africa (18% GST extra)		Rest of the world
	Academia (faculty/Students)	Others	
Online	Rs. 750/-	Rs. 1500/-	US \$ 60/-

- Fee once paid will not be refunded back; however, can be adjusted for a future programme.
- The fee covers online participation in the programme, tutorial, notes and examination, certification charges etc.
- The registration amount may be paid through online mode- NEFT/UPI/Cards/SWIFT, provided at the registration portal.
- Detailed schedule will be shared after receiving registration form

Register online at - <http://online.mnit.ac.in/eict/>

→ For queries, contact us at fdp.academy@mnit.ac.in

EICT Academy MNIT Jaipur



MNIT Jaipur one of the oldest NITs, the institute has a rich heritage of sixty years producing world class engineers, managers, architects and scientists. Ranked 42nd nationally in the NIRF ranking-2025 (Engineering), the institute offers learning opportunities for undergraduate, postgraduate students, and researchers in various domains. Having a lush green campus of over 317 acres within the heart of the pink city, close to Jaipur International Airport, the campus offers a safe and lively environment. A world class teaching infrastructure, state-of-art laboratories welcome you at the campus. The institute has a vision to impart education of international standards and conduct research at the cutting edge of technology.