Online FDP Programme
on
Computational Methods for Researchers

29th September - 17th October
2025

Chairman, EICT Academy & Director MNIT Jaipur
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Objective (Electronics & ICT Academy-Phase II)
1) To conduct specialized FDPs for faculty/mentor training in line with the vision of MeitY by promoting emerging areas of technology and other high-priority areas that are pillars of both the "Make in India" and the "Digital India" programs.
2) To promote synergy and collaboration with industry, academia, universities and other institutions of learning, especially in emerging technology areas.
3) To support the National Policy on Electronics 2019 (NPE 2019) which envisions 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.
5) To support the vision of the National Education Policy (NEP 2020), which mandates that Indian educators go through at least 50 hours in professional development programmes per year.
6) To design, develop & deliver specialised FDPs on emerging technologies/ niche areas/ specialised modules for specific research areas for Faculty in Higher Education Institutions (HEI), besides FDPs on multi-disciplinary areas connected with ICT tools and technologies and other digital hybrid domains, covering a wide spectrum of engineering and non-engineering colleges, polytechnics, ITIs, and PGT educators.

An intensive 40 Hours Training Programme in online mode is being organized for faculty and doctoral students of management, engineering and technological institutions. It is also open to working professionals from industry/organizations. The main theme of training program will be oriented around exploring the state of the art computatioonal research methods and its applications. The programme will be run during 4-6 PM on weekdays and 10-12 PM & 2- 4 PM on weekends .
Experts/Speakers-

Prof. Ravi Shankar	IIT Delhi	Prof. Vipulesh Shardeo	Fore School of Management
Prof. Ramesh Anbanandam	IIT Roorkee	Prof. Dhaval Mehta	VNSGU Gujrat
Prof. Tarun Rambha	IISC Bangalore	Prof. Umar Basihir Mir	LBS Delhi
Prof. Divya Chaoudhary	IIM Lucknow	Prof. Akansha Mishra	GJBS Sonipat
Prof. Devendra Pathak	IIM Kashipur	Prof. Rajeev Agarwal	MNIT Jaipur
Prof. Bishal Dey Sarkar	IIM Bodh Gaya	Prof. Deepak Verma	MNIT Jaipur
Prof. Vipin P Veetil	IIM Kozhikode	Prof. Divesh Kumar	MNIT Jaipur
Prof. Ashish Dewedi	GJBS Sonipat	Prof. Sandipan Karmkar	MNIT Jaipur
Prof. Gaurav Kabra	GJBS Sonipat	Prof. Shweta Sharma	MNIT Jaipur
Prof. Nitin Lautre	VNIT Nagpur	Prof. Ayush Gautam	MNIT Jaipur

Programme Modules:

Course structure- Introduction to Computational Methods, Data Classification, Bibliometric analysis, Factor Analysis, Structural Equation Modeling (SEM), Design of Experiments (DoE), Agent-Based Modeling (ABM), Data Envelopment Analysis (DEA), Fuzzy Goal Programming, Time Series Forecasting (ARIMA), , Bayesian Methods in Business Research, Alternative ranking order method, Prescriptive Analytics for Distribution Network Optimization, Text Mining, Social Media Analytics, Data Visualization and Reporting, Evidential reasoning approach (ER), Multi-Criteria Decision Making (MCDM), Generalized Method of Moments (GMM), NVIVO, Tableau and Anylogic for Research.

Principal Coordinator:

Dr. Ayush Gautam,
D. Sandipan Karmakar

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Registration:
Registration is open to faculty, working professionals, industry persons, doctoral, postgraduate and graduate students. Participants will be admitted on first-come first-served basis.
Register online at– http://online.mnit.ac.in/eict/
Certification Fee:

Mode of programme	Academia (faculty/Students): India/SAARC/Africa	Others: India/SAARC/Africa	Rest of the world
Online	Rs. 500/-	Rs. 1500/-	US $ 60/-

(A) Fee once paid will not be refunded back.
(B) The fee covers participation in the programme, tutorial notes and examination, certification charges & food charges (classroom only)
(C) The organizers should receive the registration amount through online mode- NEFT/UPI, provided at the registration portal.
(D) Detailed schedule will be shared after receiving registration form.→ For any other query, email us at fdp.academy@mnit.ac.in

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 42rd 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.