

About Electronics & ICT Academy at PDPM IITDM Jabalpur



The Ministry of Electronics and Information Technology (MeitY), Government of India has instituted Electronics & ICT Academies in the year 2015. In the second phase, the academy at PDPM IITDM Jabalpur aims at scalable training programmes in niche areas of Electronics & ICT for the development of the required knowledge base, skills and tools to unleash the talent of the Indian population. The Academy is identified by the MeitY as a hub of activities for capacity building through training, internships, research, & consultancy programmes in fundamental and advanced topics in electronics, information and communication technologies, the Academy conducts customized academic programmes for students, corporate sectors and researchers.

About Rustamji Institute of Technology BSF Gwalior (MP)



Established on October 2, 1999, the Rustamji Institute of Technology (RJIT) holds the unique distinction of being the first engineering college in India founded and managed by a Para Military Force. The institute was born out of the vision of Padma Vibhushan Shri K.F. Rustamji, the founding father and first Director General of the Border Security Force (BSF).

Faculty Development Programme On

“Empowering Research and Teaching Through MATLAB Programming”

The course is designed to provide enhance participants’ skills in computational analysis, modelling, and simulation using MATLAB. It enhances the ability to analyze, model, and visualize data effectively for both research and classroom teaching.

The program fosters innovative approaches in curriculum delivery and scientific investigations using MATLAB tools.

Who can attend: Suitable for faculty from colleges, universities, and technical and professional institutes can attend. Students, fresh graduates, researchers, and industry personnel working in allied disciplines can also attend.

Important Dates:

Last Date of Registration: 19th September 2026

FDP Dates: 22nd – 26th September 2026

Coordinators:

Dr Sachin Jain, PDPM IITDM Jabalpur
Dr. Chetan Pathak, RJIT BSF Academy Gwalior
Prof. P K Jain, RJIT BSF Academy Gwalior

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Faculty Development Programme On

“Empowering Research and Teaching Through MATLAB Programming”

22nd – 26th September 2026

(online mode)

Jointly Organized by

**Electronics and ICT Academy
IITDM Jabalpur**



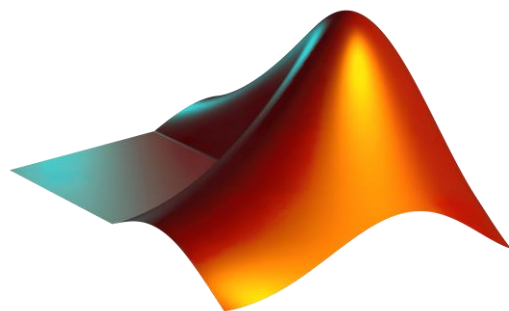
And

**Rustamji Institute of Technology
BSF Gwalior (MP)**



*An Initiative of the Ministry of
Electronics and Information Technology,
Government of India*





Resource Persons

- Dr Sachin Jain, PDPM IIITM Jabalpur
- Prof. Prashant Kumar Jain, Principal RJIT BSF Academy Gwalior
- Dr. Pavan Kumar Kankar, IIT Indore
- Dr. Mohammad Taufik, MANIT Bhopal
- Dr. Amit Singh, NIT Calicut
- Dr. Anurag Singh, IIIT Naya Raipur
- Dr. Narendra Kumar, NIT Jalandhar
- Dr. Chetan Pathak, RJIT BSF Academy Gwalior
- Dr. Ankit Nayak, UPES Dehradun

Coordinators

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Hands-On Sessions

- MATLAB Applications Demonstration.
- Using MATLAB Online.
- Matrix Operations & Numerical Computing.
- Basic Operations, Using MATLAB as Calculator.
- Algorithm Development and Implementation using MATLAB
- Array and its Manipulation using MATLAB
- Machine Learning Using MATLAB
- Decision making using Loops in MATLAB

Programme Features

- Rigorous training for theoretical and practical knowledge on MATLAB
- Opportunities to connect with experts in the field.
- Instructor-led rigorous hands-on sessions
- Certificate on successful completion with full access to the course material.

Course Contents

- Introduction to MATLAB, User Interface, Basic Operations.
- Relational Operators, Using MATLAB as calculator.
- Execution Control, Loops, Writing Functions Using MATLAB.
- 2D/3D Plotting Visualization Using MATLAB.
- Matrix Manipulation in MATLAB.
- MATLAB as Smart Calculator.

Registration Details

- Registration link – Please fill out registration using the following link:
Click Here: [Empowering Research and Teaching through MATLAB Programming](#)
- Registration fee: R s **500/-**
- Last Date of Registration: 19th September 2026

Online Payment Details

• Internet banking

Beneficiary Name	PDPM IIITDM Jabalpur
Bank Name	Indian Bank
A/C No.	50018692852
IFSC Code	IDIB000M694

• **UPI ID:** **iiitdmj@indianbk**

• **QR Code:**



Why Should You Attend?

- Master MATLAB to enhance your daily teaching and academic research.
- Learn directly from experienced premier institute faculties (IIT, NIT, IIIT).
- Earn a verified certificate to boost your academic profile. (**75% attendance & Quiz Compulsory**)

*Don't miss this opportunity to transform your research capabilities. **Register Today!***

***Registration fee is non-refundable**