

PROFILE OF THE INSTITUTE

The Rustamji Institute of Technology (RJIT) is the Premier Engineering Institute established by the Border Security Force in 1999. The institute has been named after the founder father of the Border Security Force, Padma Vibhushan Late Shri K.F. Rustamji. Tekanpur is on the Gwalior-Jhansi National Highway, at a distance of 30 Kms. from Gwalior.

The institute offers AICTE approved, B. Tech courses in Automobile Engg., Electronics & Communication Engineering, Information Technology, Computer Science & Engineering, Computer Science & Engineering (AI & ML), Computer Science & Engineering (Data Science), Electrical Engineering, Mechanical Engineering, MCA & M. Tech. in Automobile Engineering and Communication Systems under the affiliation of RGPV Bhopal.

ABOUT BSF ACADEMY

Tekanpur conjures an image of an oasis in the rocky and barren terrain surrounding the historical city of Gwalior, which exists prominently on the tourist map of India due to its forts, palaces, and temples. The BSF Academy, Tekanpur, "the Birthplace of the Bordermen," was established in 1965. The academy house "Suraksha Bhavan" is a beautiful building in the shape of an anchored ship, designed by T A Ritcha, a Spaniard whose architectural marvel, Padam Vilas Palace of Pune, still stands majestically.

ADDRESS FOR CORRESPONDENCE

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Rustamji Institute of Technology

Border Security Force Academy

Gwalior (M.P.)

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Website: www.rjit.ac.in

NATIONAL CONFERENCE

ON

"MATERIALS FOR SUSTAINABLE DEVELOPMENT"

(MSD-2025)

19-20 DEC 2025

**Sponsored by M P Council of
Science & Technology, Bhopal**



Organized by

Rustamji Institute of Technology

BSF Academy, Gwalior (M. P.) - 475005



OBJECTIVE OF THE PROGRAMME:

The main objective of this program is to form a bridge between industry and academic institutions to update their knowledge. The Program deals with the topics mentioned below, which will impart a good understanding of the latest issues related to sustainable development.

- Energy-Optimized Materials
- Materials (composition, perovskite inks, additives, interlayers) and processes for large area deposition
- Bio-based and Biodegradable Materials
- Nanomaterial synthesis and characterisation
- Theoretical modeling and simulation of nanomaterials.
- Nanomaterials in photonics, sensors, and devices.
- Carbon Capture and Utilization Materials
- Smart and Functional Materials for Green Infrastructure

IMPORTANT DATES

Last date for receipt of filled-in Applications:

10th Dec 2025

Date of intimation regarding selection :

15th Dec 2025

<https://forms.gle/xzRWjwTbunH9Re9W9>

Note :

- The course is in hybrid mode, i.e., offline/online
- Rs 1000/- Registration Fee for the Participants.
- 100% attendance is compulsory in the course. Accommodation on prior demand only will be provided to outside participants on a chargeable basis.
- The application can be downloaded from the Institute website: www.rjit.ac.in

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