



*Swami Keshvanand Institute of Technology,
Management & Gramothan, Jaipur*



Report

The Faculty Development Programme (FDP) aims to strengthen the academic and research capabilities of faculty members by providing exposure to advanced computational methodologies and visualization techniques used in modern mathematical sciences. The programme focuses on developing proficiency in widely used software platforms such as Python, MATLAB, MATHEMATICA, and GeoGebra for modeling, simulation, and optimization of complex systems. It also aims to enhance participants' understanding of symbolic computation, numerical analysis, and applied mathematical modeling. Another important objective is to support faculty in integrating innovative computational approaches into their teaching practices, thereby improving the quality of mathematics education.

The expert lecture series commenced on 9-2-2026 (Monday) from 12:30 to 2:30 PM with a session led by Dr. Vijay Pal Poonia, Assistant Professor in the Department of Mathematics and Statistics at Manipal University, Jaipur Campus, who delivered a talk titled "Applications of Python in Mathematical Modeling and Optimization." The welcome note was delivered by Dr. Deepika Khandelwal and Dr. Jyoti Arora.

On 10-2-2026 (Tuesday) from 10:00 AM to 12:00 PM, Dr. Ritu Agarwal, Assistant Professor in the Department of Mathematics at MNIT, Jaipur, presented a session titled "Making Math Visible: GeoGebra Demonstrations." The welcome note for this session was given by Dr. Shalini Shekhawat and Mr. Nikhil Sharma.

The schedule continued on 11-2-2026 (Wednesday) from 12:30 to 2:30 PM featuring Dr. Kailash Chandra Lachhwani, Assistant Professor of Applied Science at NITTTR, Chandigarh, with a lecture titled "MATHEMATICA: Introduction and Basic Pallets." The welcome note was presented by Mr. C.P. Jain.

On 12-2-2026 (Thursday) from 12:30 to 2:30 PM, two sessions were held. The first was led by Dr. Trilok Mathur, Associate Professor in the Department of Mathematics at BITS Pilani, Pilani Campus, on the topic "How I begin MATLAB?" This was followed by a session by Dr. Shivi Agarwal, Associate Professor in the Department of Mathematics at BITS Pilani, Pilani Campus, titled "Symbolic and Optimization Toolboxes in MATLAB." Both sessions on this day featured a welcome note delivered by Dr. Deepika Khandelwal and Dr. Pramila Kumawat.

Hybrid mode: Feb.9-13, 2026

The lecture series concluded on 13-2-2026 (Friday) from 12:30 to 2:30 PM with a session by Dr. Dharmendra Tripathi, Dean (R&C) and Associate Professor in the Department of Mathematics at NIT, Uttarakhand, who spoke on "Some Mathematical Models on Tumor Obstructed Physiological Flows." The welcome note for the final session was delivered by Mr. Nikhil Sharma and Dr. Surbhi Sharma.

सभावाता आ का दशाता ह। मदन राठीड़ क सवाल

राजस्थान में खाद्य प्रसंस्करण अवसरचना को

भाजपा प्रदेश अध्यक्ष मदन राठीड़

एसकेआईटी में पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का शुभारंभ

● यक्षम समाचार पत्रिका

जयपुर। एसकेआईटी के गणित विभाग द्वारा एप्लीकेशन ऑफ सिंबॉलिक सॉफ्टवेयर टूल्स इन मैथमेटिक्स विषय पर पांच दिवसीय फैकल्टी डेवलपमेंट प्रोग्राम का शुभारंभ किया गया। इस अवसर पर कार्यक्रम के मुख्य अतिथि और पहले सत्र के वक्ता डॉक्टर विजय पाल पूनिया एसिस्टेंट प्रोफेसर, गणित व सांख्यिकी विभाग, मणिपाल यूनिवर्सिटी ने सॉफ्टवेयर टूल्स की उपयोगिता पर प्रकाश डाला और एक गणितज्ञ, शिक्षक और अनुसंधानकर्ता के लिए इन टूल्स की आवश्यकता तथा प्रयोग की प्रक्रिया को साझा किया। उन्होंने गणित की मुख्य शाखा मैथमेटिकल मॉडलिंग और ऑप्टिमाइजेशन को पाइथन सॉफ्टवेयर की सहायता से सरल और रोचक विषय में बदल दिया। पांच दिवसीय कार्यक्रम में विभिन्न संस्थाओं के लगभग 150 सदस्यों ने हिस्सा लिया।



कार्यक्रम का संचालन, संयोजकों डॉक्टर सुमित गुप्ता और डॉक्टर नवल किशोर जांगिड़

द्वारा किया गया। इस अवसर पर विभाग के अन्य वरिष्ठ सदस्य भी उपस्थित रहे।