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Convener

Dr. Prerna Sharma
Professor (Mathematics), SVPUAT, Meerut, UP

Organizing Secretary

Dr. Ajeet Kumar Singh
Assistant Professor (Mathematics), SVPUAT, Meerut, UP

Dr. Sawan Kumar Rawat
Assistant Professor (Mathematics), SVPUAT, Meerut, UP

Dr. Ajay Kumar
Assistant Professor (Mathematics), SVPUAT, Meerut, UP

Faculty Development Programme on "Applications of Mathematical Techniques in Agriculture, Science & Technology" (Online Mode)

August 18-23, 2025 (6 Days)
Time: 3:00-5:00 PM

* ONLINE REGISTRATION FORM LINK
https://forms.gle/o6QDWqEwLAUu8PSe8

Organized By

Sardar Vallabhbhai Patel University of Agriculture & Technology, Meerut, 250110, UP

Coordinators

Dr. Deepak Sisodia
Professor (Computer Science), SVPUAT, Meerut, UP

Dr. Bhim Singh
Professor (Statistics), SVPUAT, Meerut, UP

Er. Khusboo Roy
Assistant Professor (Computer Engineering), SVPUAT, Meerut, UP

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About SVPUAT

Sardar Vallabhbhai Patel University of Agriculture & Technology established as a full-fledged University has unique honor of being called "First Agriculture University of the 21st century". Recently the university was awarded a Grade "A" by NAAC. It is committed with unique mandate of integrating education, research and extension so as to serve the rural people. The University was established on 2nd October 2000 under Uttar Pradesh Agriculture University Act (revised) 1958 gazette and notified vide 3204A/X12-8-2000 for augmenting the opportunities for education, research and outreach activities in the field of Agriculture, Veterinary Sciences, Biotechnology and Allied Sciences and overall development of the rural people of Uttar Pradesh. The university is located at Modipuram on Delhi-Dehradun highway, around 12 KM from Meerut city in the north. It is recognized and funded by U.P. Govt. & Indian council of Agriculture (ICAR), Govt. of India. It is included in the list of recognized Universities maintained by the University Grants Commission (UGC), Govt. of India. The U.P. Government has given the responsibility of all round development of the agriculture and rural community in its four divisions i.e., Saharanpur, Meerut, Moradabad and Bareilly which consists of 20 districts i.e., Saharanpur, Muzaffarnagar, Meerut, Gautam Buddha Nagar, Ghaziabad, Bulandshahr, Baghpat, Bijnor, Jyotiba Phule Nagar, Moradabad I & II, Rampur, Sambhal, Amroha, Badaun I & II, Pilibhit, Shahjahanpur, Shamli & Sambhal. The state of U.P has 09 agro-climatic zones and 03 zone falls under the jurisdiction area of the University.

About the Mathematics Faculty

The Faculty of Mathematics are an integral part of the Sardar Vallabhbhai Patel University of Agriculture & Technology (SVPUAT), Meerut. The Faculty of Mathematics are involved in creating strong foundation in basic and applied mathematics, which underpins teaching and research across agriculture, allied sciences, and technology disciplines. The Faculty of Mathematics plays a crucial role in delivering both undergraduate and postgraduate instruction across various academic programmes and fulfills its academic mandate by integrating the latest scientific knowledge and innovative techniques into nearly all professional programmes offered at the University.

About the FDP

The Faculty Development Programme (FDP) on *Applications of Mathematical Techniques in Agricultural, Science & Technology* is a comprehensive FDP designed to equip faculty members, researchers, industry persons and academicians with the latest tools and methodologies in mathematical modeling and simulation. This FDP aims to bridge the gap between theoretical knowledge and practical applications by focusing on real-world systems across engineering, science, agriculture and technology disciplines.

The program will cover a wide range of emerging topics, including differential equations, computational methods, machine learning integration, and advanced simulation techniques using MATLAB, Python, and other software tools. Eminent experts and researchers will deliver insightful lectures, hands-on sessions, and case studies that demonstrate the power of modeling in solving complex, real-life problems.

The participants will gain valuable exposure to current research trends, interdisciplinary applications, and pedagogical strategies to enhance teaching and research capabilities. The FDP also provides a platform for knowledge exchange and networking among faculty across institutions. This workshop is a step forward in fostering innovation, encouraging collaborative research, and promoting excellence in higher education.

Objectives of the FDP

- **To Equip the Participants with Advanced Modeling Skills**: Enhance the ability of faculty and researchers to develop and analyze the mathematical models for complex real-world systems across various disciplines.
- **To Promote the Use of Simulation Tools**: Foster proficiency in using modern computational and simulation tools for solving practical problems and conducting impactful research.
- **To Encourage Interdisciplinary Learning and Collaboration**: Facilitate the exchange of knowledge across fields and institutions, promoting collaborative research and innovative teaching practices.

Target Audience

UG & PG Students, Research Scholars, Post-Doctoral Candidates, Faculty Members, Industry Professionals, Scientists etc.

Registration Fee

Category	Indian Candidates	Foreign Candidates
UG & PG Students	200 INR	10 USD
Research Scholars	300 INR	10 USD
Post-Doctoral Candidates, Young Professionals, Faculty members, Industry Professionals, Scientist.	500 INR	10 USD

Payment Option

The fee should be paid through bank transfer or account deposit only:

Bank Name:	**State Bank of India**
Bank Address:	**SVBP University of Agriculture & Technology, Meerut**
Account No.	**10172902350**
IFSC Code	**SBIN0010653**

The participants are required to upload the payment details while filling out the registration form. Therefore, they are advised to keep a copy of the online payment slip and note the Transaction ID/UTR number for reference.

Important Dates

Last date of registration is 15 August, 2025.

Contact Information

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Contact Email: mathsfaculty@svpuat.edu.in

*Participation e-certificates will be provided on successful completion of the programme.

*After the successful submission of registration form, a link to join the WhatsApp group will be displayed. Participants are requested to join the WhatsApp group via the provided link.