

About the University

Chhatrapati Shahu Ji Maharaj University Kanpur (CSJMU), established in 1966, is a leading State Government University in Uttar Pradesh. It holds NAAC A++ accreditation, ranks in the QS Asia (800-850 band), and secured 263rd position in the QS South Asia rankings. In 2024, School of Pharmaceutical Sciences is recognized in the NIRF ranking. The university focuses on global academic excellence, technology-driven learning, robust research, and social diversity. Its mission is to nurture future leaders and create researchers who will drive societal transformation and universal development.

About School of Pharmaceutical Sciences

The School of Pharmaceutical Sciences of CSJM University was established in 2004 and is dedicated to advancing pharmaceutical education and research. The school offers a range of Diploma, Undergraduate, Postgraduate, and Ph.D. programs that equip students with a strong foundation in pharmaceutical sciences. At the School of Pharmaceutical Sciences, we emphasize interdisciplinary collaboration, fostering partnerships with industry and research institutions.

About Hands-on Workshop

This interactive session will delve into the principles and workings of JMP statistical software. It will provide practical experience in designing and optimizing pharmaceutical formulations using the DoE and QbD frameworks. This workshop is ideal for academics, and researchers who aim to enhance their expertise in formulation development.

Session Plan

Session 1: Introduction to DOE: Strategy of Experimentation, Terminologies in DOE.

Screening designs: Factorial & Fractional Factorial Experiments
Cases with Hands-on Exercises

Session 2: Optimization Designs: Response Surface Methodology (RSM),

Central Composite (CCD) and Box Behnken designs (BBD)
Prediction and Optimization
Cases with Hands-on Exercises

Session 3: Formulation/Mixture Designs, Introduction to QbD
Risk Assessment, Cases with Hands-on Exercises

Session 4: Modern & Computer-Generated Designs:
Custom Design, Prediction, Simulation and Optimization
Cases with Hands-on Exercises

Registration Link

<https://forms.gle/D7PCGF7gQuoYuFfv5>



SCHOOL OF PHARMACEUTICAL SCIENCES CHHATRAPATI SHAHU JI MAHARAJ UNIVERSITY KANPUR

Invites you
in
Hands-on Workshop
on

“Mastering Design of Experiments (DOE) & Quality by Design (QbD)”

Date: 07.01.2025, Time: 10.30 AM, Venue: SOPS Seminar Hall



Resource person
Muralidhara A (Ph.D.)
JMP Global Academic

Eligibility for Participation

B.Pharm (Final Year), M.Pharm, Ph.D. Research Scholars and
Faculties

Registration Fees

Faculty: Rs. 700/-
Students (UG/PG/Ph.D.): Rs. 500/-
(Including Lunch and High-Tea).

Pay at

<https://paytm.me/PYTMPS/d7bZSVP>

Availability of seats- 50

Venue-Seminar Hall, School of Pharmaceutical Sciences

Timing- 10:30 AM-5:00 PM

Mode of Joining: Offline

Important Dates

Registration begins from: 19/12/2024
Last date of registration: 05/01/2025



Chief Patron

Prof. Vinay Kumar Pathak
Honourable Vice Chancellor
CSJM University, Kanpur



Patron

Prof. Sudhir Kumar Awasthi
Honourable Pro-Vice Chancellor
CSJM University, Kanpur



Co-Patron

Dr. Anil Kumar Yadav
Registrar
CSJM University, Kanpur

Convener

Dr. Shashi Kiran Misra
Director
SOPS, CSJM University,
Kanpur

Co- Convener

Dr. Nisha Sharma
Associate Professor
SOPS, CSJM University,
Kanpur

Organizing Secretary

Dr. Ajay Kumar
Associate Professor
SOPS, CSJM University, Kanpur

(Dr.) Shweta Singh Verma
Assistant Professor
SOPS, CSJM University, Kanpur

Feel free to contact

(Dr.) Swarnakshi Upadhyay, Assistant Professor
9140815378
swarnakshiupadhyay@csjmu.ac.in