सत्यमेव जयते
Department of Science & Technology
Govt. of India

Azadi Ka Amrit Mahotsav

DST-STUTI

Sponsored Hands-on Training Program on

Formulation and Characterization Techniques in Drug Delivery

31st July - 06th Aug, 2023

Organized by

Department of Pharmacy
School of Chemical Sciences & Pharmacy
Central University of Rajasthan
Bandarsindri, Ajmer, Rajasthan

In Collaboration with

Jamia Hamdard (Deemed to be University)
New Delhi

nirf
Department of Pharmacy
27th Rank
(2023)



ACCREDITED WITH GRADE A++ NAAC
CGPA-3.54

Prof. Anand Bhalerao
Vice Chancellor
Central University of Rajasthan

No Registration Fee

Registration Link: https://forms.gle/Z2Fwo97it4GRgfnw5
Last Date of Registration : 15th July, 2023

Scan to Register

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CENTRAL UNIVERSITY OF RAJASTHAN

The Central University of Rajasthan (CURaj) was established in the year 2009 by an Act of Parliament (Act No. 25 of 2009). This University was established with the aspiration to be one of India's most dynamic and vibrant universities in order to impart cutting-edge education to all the learner communities. The University is fully funded by the Government of India that provides quality education to all, especially those coming from humble socio-economic background and seeking quality education.

In this span of 14 years, the University has emerged as one of the top academic institutions by adopting cutting edge technology to impart knowledge for global outreach. The University is one of the fastest-growing and flourishing institutes of higher education in Rajasthan. Recently the University was awarded with the A++ grade (CGPA 3.54) by NAAC in the second cycle of evaluation.

SCHOOL OF CHEMICAL SCIENCES AND PHARMACY

The School of Chemical Sciences and Pharmacy hosts two departments viz. Department of Chemistry and Department of Pharmacy, where both the departments are being supported by Department of Science and Technology, under Fund for Improvement of Science and Technology Infrastructure (DST-FIST). The School has the aim to disseminate quality education in both the disciplines and execute research in the allied fields. The School bridges one pure science with the other applied science promotes interdisciplinary research and caters relevant courses for the industry, for the benefit of all the stakeholder of the School.

DEPARTMENT OF PHARMACY



The Department of Pharmacy was established in the year 2012 with M. Pharm in Pharmaceutical Chemistry and Ph. D. programmes with an aim to impart quality education in the relevant field and professionally train the students. On similar fronts, Master of Pharmacy in Pharmaceutics was also started in the year 2017. Both the post-graduate programmes are duly approved by the All India Council for Technical Education (AICTE) and the Pharmacy Council of India (PCI). The Department has the dedication to excel in the pharmaceutical research and education domains. The Department is funded by DST FIST and several agencies such as DST SERB, ICMR, CSIR, DBT, DST-Nanomission, UGC etc. The School/Department is well equipped with the sophisticated equipment's like NMR, HPLC, Lyophilizer, microplate reader, Flash Chromatography System, GC-MS etc. along with in silico and cell culture laboratory. The pass outs have been successfully placed in various government organizations and industrial houses, just after their course completion. The Department is going to start M Pharm in Pharmacology from the academic year 2023-2024.The Department of Pharmacy ranked 27th in the NIRF rankings 2023 by the Ministry of Education, Government of India.

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About the Program

The aim of this training program is to provide a general overview and hands on training on the applications of various instruments and techniques utilized in the drug delivery and characterization of various formulations. The research scholars, teachers and personnel from other laboratories, universities and industries will be given an opportunity to augment their skills on the existing instruments such as HPLC, GC-MS, FT-IR, NMR, UV-Visible spectrophotometer, lyophilizer, microplate reader, and so on.

Overview of the DST-STUTI Scheme

The Scheme 'Synergistic Training program Utilizing the Scientific and Technological Infrastructure' (STUTI) is intended to build human resource and its knowledge capacity through open access S&T Infrastructure across the country. It envisions a hands-on training program of the techniques required to operate sophisticated equipments.

Objectives

- To provide an overview on the formulation development, optimization, and drug delivery.
- To enable the candidates equipped with hands on different characteristic techniques such as HPLC, NMR, GC-MS, etc.
- To impart knowledge on cell culture techniques.
- To provide training on data analysis related to drug delivery research.



NMR Spectrophotometer

Details of Registration

- Candidates will be selected based on eligibility and availability of seats.
- The confirmation of selection will be communicated to the selected candidates on or before 17/07/2023.
- Local hospitality (Accommodation & Meal) will be provided to all the candidates.
- Certificates for each candidates will be provided.



CO_2 Incubator



Micro-Plate Reader

For any queries, please contact:

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8003274082

Eligibility

- PG Students, Research Scholars, Faculty, Scientists, Post-doc in Pharmacy/Life Sciences/ Allied Sciences.
- Maximum intake: **30 candidates.**
- Confirmation of registration will be sent to selected candidates after scrutiny.

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GC-MS



Lyophilizer



Flash Chromatography



HPLC



Chief Patron
Prof. Anand Bhalerao
Vice Chancellor
Central University of Rajasthan



Patron
Dr. Easwar Srinivasan
Dean, School of Chemical Sciences & Pharmacy



Chairman
Prof. Vipin Kumar
Head
Department of Pharmacy



Advisor
Prof. Amit K Goyal
Department of Pharmacy



DST-STUTI PMU Coordinator
Prof. (Dr.) Suhel Parvez
Dean, SIST
Jamia Hamdard, New Delhi



Coordinator and Convener
Dr. Umesh Gupta
Department of Pharmacy



Dr. D.Madhuri
Organizing Committee Member



Dr. Devesh M Sawant
Organizing Committee Member



Dr. Kaisar Raza
Organizing Committee Member



Dr. Ruchi Malik
Organizing Committee Member

VENUE

Central University of Rajasthan

NH-8, Ajmer-Jaipur Express way, Bandarsindri, Kishangarh, Ajmer, Rajasthan-305817

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