



**Department of Physics, University of Jammu, Jammu,
Jammu-180006**

Ref.No: PGD/PHY/NT/Proj/Advt

27.02.2024

One day training program

“Research Facility Training Program”

on

15-03-2024

As part of the **Scientific Social Responsibility (SSR)** activity of the DST-SERB-CRG project titled “Microscopic study of shape evolution and exotic nuclear phenomena in even-even nuclei in the mass region $A \approx 120$ ”, Department of Physics, University of Jammu, Jammu is organizing a one-day event on **“Research Facility Training Program”**.

Applications are invited from researchers working in Nuclear Theory to participate in this training program. A maximum of **10 (ten) candidates** will be selected by the Principal Investigator and Head of the Department to participate in the program. Certificates will be issued to all the participants and complimentary tea and lunch will be provided.

Participants:

Faculties and PhD scholars of Government / aided / self-finance colleges /research institutes.

Subject: Physics with specialization in Nuclear Theory

Interested candidates are requested to send a filled in application in the attached format via email to ranidevi@jammuuniversity.ac.in on or before **10-03-2024**.

Dr.Rani Devi

Principal Investigator-DST-SERB project

Associate Professor in Physics

University of Jammu,

Jammu-180006.



University of Jammu

Department of Physics

DST-SERB

Sponsored

"Research Facility Training Program"

15-03-2024

Application Form

1. Name:
2. Ph.D. Scholar/Faculty:
3. Designation:
4. Gender: Male/Female:
5. Date of Birth & Age: &
6. Institution:
7. Address for communication:
.....
8. Contact Number:
9. E Mail:

Selected candidates will be informed by email/phone

Signature of the applicant

Signature of the Guide/HOD

About the Program

As part of the **Scientific Social Responsibility (SSR)** activity of the DST-SERB- CRG project File No. CRG/2019/000326 titled “Microscopic study of shape evolution and exotic nuclear phenomena in even-even nuclei in the mass region $A \approx 120$ ”, Department of Physics, University of Physics, Jammu conducts “**Research Facility Training Program**” on **15-03-2024**.

This one day training programme would acquaint the researchers to various state of art Nuclear Models employed to study the nuclear structure properties of Nuclei. The researchers will be also be provided training in the relativistic mean field model codes used in Nuclear Theory on the equipment implemented in the project.

Head of the Department: Prof. Arun Bharti, Department of Physics, University of Jammu.

Organized by: Dr. Rani Devi, Associate Professor, Principal Investigator of DST-SERB project, Department of Physics, University of Jammu, Jammu

Training will be provided on the following Research Facilities/topics

1. Installation of relativistic mean field codes on workstation/server
2. Submitting job online
3. Modifying and running the codes for different types of input data
4. Analysing the output data
5. Plotting the graphs in origin software

Dates to remember:

Last date for submission of application	: 10-03-2024
Notification of selection	: 12-03.2024
Program date	: 15-03-2024

Registration is free and TA/DA will not be provided to participants.

As per the direction of SERB at www.serbonline.in, a maximum of 10 candidates will be selected, by the PI and Head of the Department.