

WORKSHOP ON PATHOGENIC ISLAND PREDICTION AND DRUG DESIGN for the empowerment of rural women scholars



MARUDHAR KESARI JAIN COLLEGE FOR WOMEN

Recognized Under sec 2(f) & 12(B) of UGC Act of 1956

Permanently Affiliated to Thiruvalluvar University

Re-Accredited with "A" Grade by NAAC || An ISO 9001:2015 Certified Institution

Marudhar Nagar, Chinnakallupalli, Vaniyambadi – 635 751.

Website: www.mkjc.in

Marudhar Kesari Jain College (MKJC) for Women is a charitable organization, committed towards providing education for women in all areas of arts and science. The research department of biotechnology at MKJC is organizing a 7 days workshop on microbial genomic data analysis and computer aided drug designing. The aim of the workshop is to enhance and encourage the underprivileged post graduate star students and PhD scholars towards research activities. Therefore the workshop is provided at no-cost basis without compromising on the theoretical, hands-on-technical support in the topics intended to be covered in the workshop.

**No
registration
fee**

Interested candidates can mail your CV to research_coordinator@mkjc.in on or before 01-08-2021.

Selection of participants in purely merit based. The selected participants will be intimated through e-mail.

KEY NOTE SPEAKERS

Dr. ArunKumar Dhayalan

Assistant Professor
Department of Biotechnology
Pondicherry University
Pondicherry

Dr. R. Rajasekaran

Associate Professor-Sr
Department of Biotechnology
VIT University
Vellore

MANAGING TRUSTEES

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Sri. U. Rishab Jain, Trustee

WORKSHOP DETAILS

Date: 27-09-2021 to 04-10-2021

**Place: Marudhar Kesari Jain College
for Women, Vaniyambadi,
Vellore District, Tamil Nadu.**

TECHNICAL DETAILS OF THE WORKSHOP

Lectures and HANDS-ON-TRAINING
will be provided on the following
techniques

- Isolation of genomic DNA by using magnetic nanoparticles
- DNA sequencing
- Pathogenic island prediction
- Target gene- protein identification
- Conformational study of target protein
- Virtual high-throughput screening of ligands
- Molecular docking and validation of ligand interactions

Organizing committee

Chair: Dr. M. Inbavalli, Principal

Co-Chair: Ms. B. Sakthimala, PRO

Convenor: Dr. R Jesu Jaya Sudan,
Research Coordinator

Coordinators:

Dr. M. Gomathi, HOD-Biotechnology
Dr. J. Lesitha Jeeva Kumari, Research
Associate

Food and Accomodation

Food and In-campus accomodation will be provided for all the participantants.

TA/DA will be provided for all participants attending the programme.

For accomodation

Contact : Dr. M Gomathi

Email: hod.biotechnology@mkjc.in

Phone No. +91-9159891623

**Workshop kit &
certificates
will be provided
for all the participants**

**For further details please visit: www.mkjc.in
Or Contact: 9894170894**