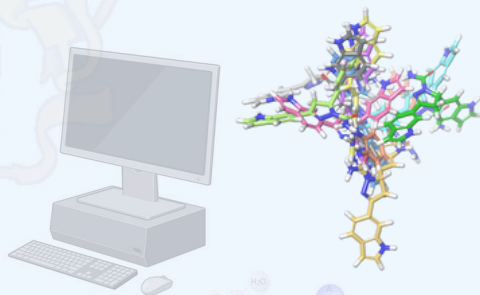




**Rajagiri College of Social Sciences  
(Autonomous)  
Kalamassery, Cochin**

## ONE DAY WORKSHOP ON COMPUTER-AIDED DRUG DESIGN FOR COMMUNICABLE AND NON-COMMUNICABLE DISEASES

**Organized by  
Department of Biosciences**



**9th August 2024**



**9.30 AM - 5.00 PM**



**Information Navigation  
Centre, Library, RCSS**

### Topics

- Introduction to computer-aided drug design
- Autodock (Single ligand docking)
- Autodock Vina (Multiple ligand docking)
- Autodock Vina (Induced Fit Docking)
- Data interpretation
- AI based ADMET analysis

### Resource Persons

#### Dr. S. Vijaya Prabhu

Assistant Professor

Department of Biotechnology, Microbiology and Bioinformatics  
National College (Autonomous), Tiruchirappalli, Tamil Nadu

#### Dr. S. Prabhu

Scientist C

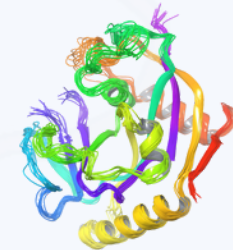
Department of Biosciences,  
Rajagiri College of Social Sciences, Cochin, Kerala

### ABOUT THE DEPARTMENT

Department of Biosciences is a new initiative of Rajagiri College of Social Sciences (RCSS) management to promote quality research, publication, and extension activities in various bioscience fields. It is a research center of eminence. Department of Biosciences is an interdisciplinary research center that aims to uplift the life of poor people, and rural farmers through modern scientific research and extension activities. Full-time scientists, research scholars, and technicians have been working in the Department of Biosciences. The Department and College obtained all the necessary recognition from the central government bodies for importing foreign instruments, receiving central government funds, and conducting hi-tech research in Bioscience fields. The department also houses all modern equipment to carry out cutting-edge research. The scientists in this department conduct scientifically rigorous and socially relevant research and extension activities. The department envisages focusing on major domains of biological sciences research.

### WHO CAN ATTEND

**Undergraduate, Post graduate, Doctoral,  
Clinicians, Faculty and Industry professionals**



### REGISTRATION FEES

**Academic: Rs. 500/- + 18% GST = Rs. 590**

**Industry: Rs. 1000/- + 18% GST = Rs. 1180**

**Seats: 25**

**(On first come first serve basis)**

**Last Date for Registration: 3-08-2024**

**Registration link :** [https://docs.google.com/forms/d/e/1FAIpQLSfv5HC-WYZI16f2bg\\_8F80DmoajWltMZ9PHL7X1Sc8UFamLbg/viewform?vc=0&c=0&w=1&flr=0](https://docs.google.com/forms/d/e/1FAIpQLSfv5HC-WYZI16f2bg_8F80DmoajWltMZ9PHL7X1Sc8UFamLbg/viewform?vc=0&c=0&w=1&flr=0)

### ACCOUNT DETAILS

**Account Name : Rajagiri College of Social  
Sciences**

**Account No : 10447876917**

**Name of the Bank : State Bank of India**

**IFSC Code : SBIN0010570**

### Convener

**Dr. S. Antony Ceasar,  
Senior Scientist & Head,  
Department of Biosciences,**

### Organizing Secretary

**Dr. S. Prabhu,  
Scientist C  
Division of Phytochemistry & Drug Design  
Department of Biosciences,  
Rajagiri College of Social Sciences  
(Autonomous), Cochin, Kerala  
Contact No. 9843437098  
Mail id: [sprabhu@rajagiri.edu](mailto:sprabhu@rajagiri.edu)**