



Nirmala College

Founded in 1953

RE-ACCREDITED BY NAAC WITH A++ GRADE (CGPA 3.73)

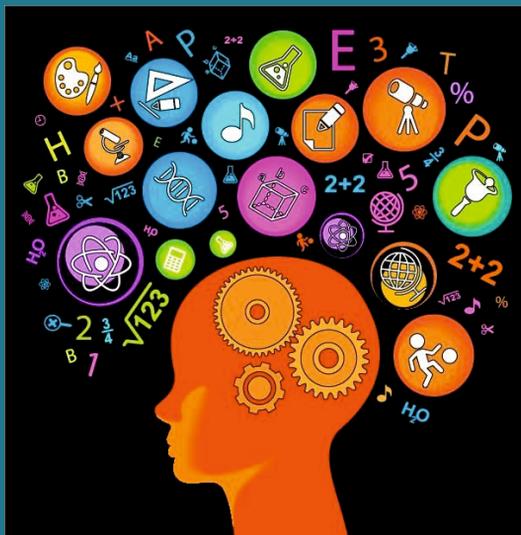
MUVATTUPUZHA, ERNAKULAM, KERALA, INDIA 686661

Department of Botany

in association with

Research Advisory Committee

Organises



Workshop on

METHODOLOGY OF SCIENTIFIC RESEARCH

HOW TO RESEARCH SCIENTIFICALLY



Resource Person



Dr. Manuel Thomas

Research Consultant

UniBiosys Biotech Research Labs, Cochin.

26
JULY
2022

VENUE: AUDIO VISUAL HALL, TIME: 01.30 PM

Concept Note

We all possess the vital instinct of inquisitiveness when the unknown confronts us. Our inquisitiveness makes us to probe and attain full understanding of the unknown. This inquisitiveness is the mother of all knowledge and the method employs for obtaining the knowledge can be termed as research. Thus, research is the cornerstone to broaden the horizon of our knowledge through systematic investigation. It is essential to design a sound research methodology to overcome new challenges while carrying out research. Research methodology is valuable in explaining the process and product of scientific inquiry. It is actually a voyage of discovery. A good research methodology is the key to quality output. In this context, the Department of Botany is organizing a workshop in association with Research Advisory Committee for UG life science students on the fundamentals of research methodology.

Expected Outcomes

After attending this workshop, the participants would be able to: -

- ▶ Understand basic concepts of research and its methodologies
- ▶ Establish the need for literature review
- ▶ Acquaint with the emerging trends in biological research
- ▶ Identify appropriate research topics
- ▶ Select and define appropriate research problems and parameters
- ▶ Write a research report and thesis in a systematic manner.

Resource Person

Dr. Manuel Thomas has obtained his M.Sc. and Ph.D. in Microbiology from Bharathiar University, Coimbatore. Currently he is a Research Consultant at UniBiosys Biotech Research Labs, Cochin, Kerala, India. He has more than 40 national and international research publications as journal articles, books and book chapters. He is also reviewer of several national and international journals. He has more than 20 years of research experience in Medical Mycology. He is the editor of the book, 'Pandemics and Global Health' published by Nova Science Publishers, New York in 2022. He was awarded the Outstanding Researcher Award in 2022. His research areas include emerging Infectious diseases, Mycoses, Zoonotic Fungal Diseases, Climate Change and Disease Emergence.

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Principal

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Programme Coordinator

Ms. Sindhu Rachel Joy
Head, Department of Botany

Organizing Committee

Dr. Nibu Thomson
Coordinator,
Research Advisory Committee

Dr. Shibin Mohanan

Dr. Akhila Sen