



# DST-SERB Sponsored One Day Virtual Workshop on “Scientific Writing”

27<sup>th</sup> January 2021



Molecular Toxicology Laboratory  
Department of Biotechnology  
Bharathiar University  
Coimbatore-46  
Tamil Nadu, India.

## About the Programme

*“To get to know, to discover, to publish - this is the destiny of a scientist” - Francois Arago*

Scientific writing is a technical form of writing that is designed to communicate scientific information to others. It is an essential quality for any researcher. However, many college faculty members doesn't have adequate exposure.

This programme aims to provide a brief overview to the college faculty members who are in need of improvement in their scientific writing skills. This programme will provide a basic understanding of different aspects in scientific writing and will further help the faculty in their research progress.

## Program Schedule

### 1. Introduction to Scientific Writing

Dr Ajay Semalty,  
Assistant Professor,  
Hemwati Nandan Bahuguna Garhwal University

### 2. Statistics in Research

Dr. Shamik Sen,  
Associate Professor,  
IIT Bombay

### 3. Publishing Ethics

Dr. Mathivanan Jothi,  
Associate Professor  
NIMHANS

### 4. Peer Reviewing

Dr. Gareth Dyke,  
Editor in Chief, Historical Biology

## Target Audience

This course is aimed for college faculty members in and around Tamil Nadu who wish to write scientific papers but lack experience.

25 participants will be selected for this workshop based on their application.

## Venue

The workshop will be conducted virtually and participants are required to have access to a good internet connection

## Registration Link

<https://forms.gle/swjfXA8ruZpAS5tm9>

Last date to send their application is 20.01.2021  
**No registration fee.**

## For further details Contact

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## **DST-SERB Sponsored One Day Virtual Workshop on “Scientific Writing”**

The Molecular Toxicology Laboratory, Department of Biotechnology, Bharathiar University is conducting a DST-SERB Sponsored One Day Virtual Workshop on “**Scientific Writing**” on 27<sup>th</sup> January 2020. This workshop will introduce the participants to the basics of scientific writing including the framework, statistics and the process of peer reviewing via talks from experts. This course is aimed at the college faculty especially from the rural areas who would like to learn the basics of scientific writing and utilize to publish their findings.

*Twenty-five participants will be selected based on their application.*

**Target Audience:** Faculty members from the colleges in and around Tamil Nadu.

**Registration Fees:** There is no registration fee. Certificate will be provided for the participants on successful completion of the workshop.

**Convenor:**

- Dr. P. Ekambaram, Associate Professor, Department of Biotechnology, Bharathiar University

**List of Speakers:**

- Dr. Ajay Semalty, Assistant Professor, Hemwati Nandan Bahuguna Garhwal University
- Dr. Shamik Sen, Associate Professor, IIT Bombay
- Dr. Mathivanan Jothi, Associate Professor, NIMHANS
- Dr. Gareth Dyke, Editor in Chief, Historical Biology

**Registration Procedure:** Interested faculty members can register by filling the provided google form. You will be asked to upload your resume, along with a recent photo, and a write-up (minimum 100 words) on how this workshop will be useful for your research and/or career development.

**Registration Deadline: 20<sup>th</sup> January, 2021**

**Venue:** The workshop will be conducted virtually and participants are required to have access to a good internet connection.

**About Bharathiar University:** The Bharathiar University, located near the foothills of Marudhamalai, was established at Coimbatore by in February, 1982. The university is named after the great national poet Subramania Bharathi, with the motto "Educate to Elevate". It has 14 schools with around 40 departments along with 133 affiliated colleges providing graduate, master courses along with M.Phil., and Ph. D. Bharathiar University was ranked 21<sup>st</sup> overall in India by National Institutional Ranking Framework of 2020 and 13<sup>th</sup> among universities.

**About Biotechnology Department:** The Department of Biotechnology was instituted in 1989. It has 8 labs focusing on various aspects of biotechnology. The department is engaged in various innovative projects in the disciplines mentioned, funded by different agencies like DRDO, DBT, UGC, DST, CSIR, TNCSTE, UKIERI, DIPAS, RUSA, ICMR and AICTE. To cap, our department is identified for financial assistance by DST-FIST and UGC-SAP (Phase II) Program.

**About Molecular Toxicology Laboratory:** Our primary area of research is to elucidate the molecular mechanisms involved in the xenobiotic toxicity in both *in vivo* and *in vitro* models. This includes toxicity induced by nanoparticles and other emerging contaminants in zebrafish model systems and their effect on oxidative stress and epigenetic mechanisms. Further, we are exploring the phytochemicals to ameliorate the toxicity. We have reported the molecular mechanism involved in the anticancer effect of Emodin and the role of STAT3 signaling mechanism in hepatocellular carcinoma.