



**National Workshop on 'Inculcating research aptitude and developing research skills in students'
Under the aegis of National Education Policy (NEP)**

**Organized by Department of Bioanalytical Sciences & Department of Zoology
SIES College of Arts, Science and Commerce (Empowered Autonomous), Sion (West), Mumbai – 400 022
(Affiliated to University of Mumbai)
In association with United States-India Educational Foundation (USIEF)**

Fees: Registration and participation fees for 4 days – Rs. 1200/- (Inclusive of breakfast & tea, lunch, study material, certificate)

Last date of application: 17th October 2025 (before 5:00pm)

Schedule: From Monday, 3rd November 2025 to Thursday, 6th November 2025; **Timings:** Daily - 9.00 AM to 4.00 PM

Venue: Morning Session: Auditorium (Ground floor) and Afternoon session: Department of Bioanalytical Sciences and Zoology (3rd floor), SIES College, Sion (West), Mumbai

Program beneficiaries (Target group): Students currently pursuing Second Year, Third Year Under Graduation and First Year, Second Year Post Graduation in subjects such as Bioanalytical Sciences, Biochemistry, Biotechnology, Botany, Chemistry, Environmental Science, Life Sciences, Microbiology, Nutraceuticals and Zoology. **Number of participants:** 70 (Participants will be selected based on their statement of purpose and justification for attending this workshop. Preference will be given to students currently enrolled in TYBSc and MSc part I depending upon the number of registrations. Kindly refer to the registration link given below for further instructions/details).

Background: In the context of the National Education Policy (NEP), students pursuing undergraduation and postgraduation are required to study research methodology as one of the paper/course whereby, it would require students to understand basic concepts in research, enhance their research skills and learn to adapt to research culture.

Objectives: The purpose and rationale of this workshop is to inculcate research aptitude and develop research skills amongst students. The objective of this workshop is also to encourage students towards an interdisciplinary approach between different disciplines in pure and applied sciences. Moreover, the concepts learned in this workshop would also help these students in the execution of the Research Project/Dissertation during the final year of undergraduation or postgraduation.

Topics to be discussed: Research Based Paedagogy Tool (RBPT) with activity based/experiential learning approach to learn basic concepts in research, types of research, research methodology, research abstract, literature review, types of research articles, writing research paper/manuscript, reviewing research paper, citing references/bibliography, research poster/presentation, research ethics/avoiding plagiarism, writing research proposal, writing statement of purpose, overview of research fellowships etc.

Special session by United States-India Educational Foundation (USIEF) (Fulbright Commission in India):

Fulbright-Nehru Awards enable the most outstanding students, academics and professionals in India and the U.S. to study, research and teach in the host country. In this talk, the various fields of study and research that are supported by the Fulbright Fellowships will be discussed. In addition, the process of applying for the Fulbright Fellowships and some tips on how to submit a competitive application will also be discussed.

Relevance: The workshop will inspire students to develop an open, inquiring mind, which is willing to explore new territories, learn new things and thus encourage the spirit of curiosity of students. It will create awareness amongst students about research as one of the satisfying career options. Moreover, it will also inspire them to focus on research ideas, not only to advance knowledge in science, but also to apply research methodology to the emerging problems in the country, since students are problem solvers and scientific investigators in their own way.

Registration link: <https://forms.gle/WHzRuW8NQWHzBm419>

Contact details of Volunteers: PhD students in Bioanalytical Sciences - Ms. Ketaki Joshi, 9930956120, (ketaki24@sies.edu.in / ketakijoshi2612@gmail.com); Ms. Archana Gupta, 9082490548 (guptaarchana2599@gmail.com) ; Mrs. Kalyani Patil Gawand, 9773193497 (miss03shree@gmail.com) ; Mrs. Shraddha Pawaskar, 9158436094 (jadhavshraddha61@gmail.com); PhD student in Zoology - Ms. Krishita Sanil, 9769660439 (krishita24@ascs.sies.edu.in)

Workshop Coordinator:

Dr. Satish Sarfare

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