



**Mahatma Education Society's
Pillai HOC College of Arts, Science and Commerce,
(Autonomous)
Rasayani
NAAC Accredited with A+ Grade in Cycle II
ISO 9001:2015 Certified**



Faculty of Science

In association with

Institute's Innovation Council (IIC)

&

Internal Quality Assurance Cell (IQAC)

Organises

National Conference

on

Spectra 2025: Exploring the Spectrum of Scientific Research

(ESSR 2025-26)

on

19th December, 2025

(Friday)

Time: 10:00 am to 4:00 pm

Mode: Hybrid

REGISTER NOW!!

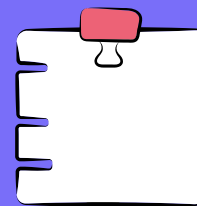


IMPORTANT DATES



**Abstract
Submission**

**25th
November,
2025**



**Full Length
Paper
Submission**

**5th
December,
2025**



**Date of
Conference**

**19th
December,
2025**

REGISTRATION DETAILS

Last Date of registration 10th November

- Paper publication with ISBN (For Academicians) - ₹1000
- Paper publication with ISBN (For Students) - ₹600
- Paper publication with ISBN (For Academicians in absentia)-1000
- Selected Papers will be published in the ISBN publication.



SCAN & PAY:

**[Please mention "ESSR-2025" in the section of
"Subject/purpose" while
doing transaction]**



GUIDELINES FOR PAPER SUBMISSION

- Original articles are invited for technical sessions.
- Papers must be appropriately fit under the themes of the conference.
- The abstract text to be limited to a maximum of 250 words. Full length paper must not exceed than 2500 words.
- The papers should be submitted in electronic format (MS-WORD, editable), typed in Font: Times New Roman — Title:14 point bold; Subtitles:12 point bold; Text:12 point regular
- Length: Approximately 4 pages (not exceeding 2000 words)
- The paper must be sent to:
phcasncscience@mes.ac.in
- Cover Page: Title, author(s) name(s), affiliation(s), and contact details (address, phone, and email)
- All research papers/articles should be organized under the following sections: Title, Abstract (150–200 words), Keywords (3 – 4 words), Introduction, Research Objectives, Research Methodology, Literature Review, Research Gap (if any), Analysis & Interpretation, Conclusion & Suggestions, References .

PATRONS

Dr. K.M. Vasudevan Pillai

(Chairman and CEO, Mahatma Education Society)

Dr. Daphne Pillai

(Secretary, Mahatma Education Society)

Dr. Priam Pillai

(Joint Secretary & member, Mahatma Education Society)

Dr. Franav Pillai

(Treasurer & Member, Mahatma Education Society

Dr. Rinkoo Shantnu

(Principal, Pillai HOC College of Arts, Science and Commerce,
Autonomous Rasayani)

About MES

Mahatma Education Society was established in 1970 with objective of spreading education for all. MES is an epitome of vision linked irrevocably to national goals. Born in a time when education was deemed a service, it set about bringing social and economic changes through proactive personal development of every child that came into its fold. The management of MES is headed by Dr. K. M. Vasudevan Pillai (Chairman and CEO) and Dr. Daphne Pillai (Secretary) with the team of experienced professionals from the field of education. Today, MES owns and manages 48 institutions from pre-primary to post graduation having more than 35000 thousand students and 2000 teachers.

About PHCASC

Pillai HOC College of Arts, Science and Commerce, Rasayani, (Autonomous) is a NAAC accredited A+ grade institution and an affiliated college of Mumbai university. PHCASC, one of the reputed institutions of learning and wisdom was established in 2008 with the noble objective of providing fundamental learning and assuring higher education in the semi-urban area of Rasayani. The vision of the institution is to provide education for all irrespective of region, religion, caste, economic state and academic performance thereby becoming the real catalyst for change in the society. Being guided by inspiring thoughts and encouraging words of the great visionary and CEO of MES Dr. K. M. Vasudevan Pillai, the institution caters to the academic aspirations of around 2130 students in various disciplines of undergraduates and postgraduate programmes.

Concept Note

Although the need for interdisciplinary research appears to be contemporary, its importance is not new. Any real time scientific issue requires interdisciplinary/ multidisciplinary approach. Therefore, instead of employing the tools of a particular discipline to decode a scientific problem, it is widely beneficial to have knowledge and expertise across various spheres of learning. Moreover, the multidisciplinary approach tackles the nonlinear nature of the scientific issues.

This conference is designed to cater to the demand for a interdisciplinary/less adopted approach for fulfilling the contemporary scientific needs. Also, this conference will certainly throw ample light on the recent trends in interdisciplinary studies.

All participants in general and scholars in particular will be surely benefitted by the erudite and timely sessions on recent tools and techniques that are used in various disciplines.

B.Sc. & M.Sc. Programmes @PHCASC

The Bachelor of Science (B.Sc.) programme at PHCASC, was introduced in the academic year 2016-17. Within seven years span, this programme has immensely developed and marked its significance both at institutional and University level. Specialization in Chemistry was introduced in the A.Y. 2018-19 at UG level followed by Physics and Mathematics in the A.Y. 2019-20. PHCASC is the only college that offers T.Y. B.Sc. Physics and Mathematics in the vicinity. M.Sc. in Organic Chemistry was introduced in 2021-22 and college started M.Sc. Physics in 2023-24.

Sub Themes

1. Physical Science
2. Chemical Science
3. Mathematical Science
4. Nanotechnology
5. Material Science
6. Meteorology and Climate Science
7. Environmental Science
8. Pollution and Aerosol study
9. Space Science and Technology
10. Polymers and Technology
11. Data Science
12. Green Chemistry and Nanotechnology

13. Probability and Statistics
14. Actuarial Science
15. Quantum Chemistry
16. Complex Systems in Ecology
17. Algebra
18. Calculus and Analysis
19. Number Theory
20. Discrete Mathematics
21. Numerical Analysis
22. Geometry and Topology
23. Dynamic Systems and Differential Equations
24. Game Theory

Conference Organizing Team

Convener: Ms. Juilee Shirke
+91 9004928801/8369187235

Vice Principal: Mr. Binit Kumar

IQAC Coordinator: Ms. Remya Madan Gopal

Co-Convener: Ms. Komal Gunjal
+91 8237416843

Members:

Dr. Archana Bhagwat (M.Sc. Organic Chemistry Coordinator)

Dr. Vineetha P. (M.Sc. Physics Coordinator)

Dr. Richa Chauhan (B.Sc. Coordinator)

Ms. Harshita Singh

Ms. Priya Prakash

Dr. Sulochana Bhalekar

Ms. Mrunal Wanjale