

Newsletter

Department of

Basic Science & Humanities

Volume 1 Issue 1

January to July 2025

Greetings from the Editorial Board!!!

I am delighted to share that the Previous semester issue of our Departmental Newsletter is ready for release, featuring extensive coverage of updates and activities from the Department of Basic Science and Humanities. This edition encapsulates a variety of initiatives, including staff and student achievements, FDPs and workshops, expert lectures, alumni interactions, and other regular events of the department.

The newsletter also highlights the diverse talents of our students and faculty, aiming to inspire and motivate them positively. I extend my sincere gratitude to the Management of PESITM, our Principal Dr. Swamy D R., and the Faculty Coordinators for their dedicated efforts in bringing out this publication.

We look forward to your valuable suggestions to further enrich our upcoming issues.



Sincerely,
Deeksha Kamath,
Assistant Professor,
Department of Humanities,
PESITM, Shivamogga.

"National Science day 2025" celebration

"National Science day 2025" was celebrated on 17th March 2025 in PESITM. The Department of Physics organised this function. More than 300 students and different department HODs, faculty and assistant staff participated.

Dr. Yuvaraju B N, Principal, PESITM gave the inaugural address emphasizing the importance of science and latest knowledge of the developments of science.

Dr. R Sekar, Vice Principal, PESITM encouraged the students to learn more of fundamental sciences which will help them in the engineering applications.

Dr. Pramod Gopal Pai, HOD of the department of Physics briefed the students about the importance and history of National Science Day celebration.

As part of the day celebrations, Dr. Prasad N Bapat, Associate Professor, Department of Physics delivered a technical talk on "Unreasonable Effectiveness of Mathematics in Physics".



Physics Project Exhibition

A "Physics Project Exhibition" was conducted on 26th April 2025 for the 2nd Sem 24-25 Physics cycle students by the Department of Physics.

The event was inaugurated by Dr. Sekar R, Vice Principal, PESITM. The exhibition displayed more than 60 working models illustrating the basic Physics principles covering all the branches of Physics.

Dr. Sekar R, Vice Principal, PESITM, addressed the students and appreciated their efforts to come up with working models and learn the basic principles behind them in a practical way.

The event was coordinated by Dr. Pramod Gopal Pai, HOD, Department of Physics, Mrs. Rashmi H S, Assistant Professor, Department of Physics.

Prof. Rakesh, Prof. Mujebur Rehmaan, Prof. Yojana Yadav reviewed all the project models and gave constructive suggestions to the students.



National Mathematics Day

As part of the celebration of National Mathematics Day, the Mathematics Department organised a technical talk for the first-year students on 21st December 2024.

During the event, the students who scored 100 marks in mathematics were also honoured for their achievements.



POSTER PRESENTATION ON E-WASTE MANAGEMENT

The Department of Chemistry conducted a "POSTER PRESENTATION ON E-WASTE MANAGEMENT" for the 2nd semester (C-cycle) BE students on 5th June 2025.

The event was inaugurated by Dr. R Sekar, Vice Principal, PESITM. The program was successfully executed under the guidance of Dr. Mohan Kumar, HOD, Department of Chemistry, and by the Event-coordinator, Dr. Shashikumara J K, Assistant Professor, with the great support of Mr. Rohit M.M, Dr. Ravindra K S, Mrs. Ashika and non-teaching staff from the Chemistry department, and with the suggestion of First-year Coordinator.

The poster presentation on E-Waste Management was done based on works related to E-Waste Management, published in peer-reviewed international journals, and as a part of the advanced learning activity and self-learning component of the VTU curriculum. All the students actively participated in this event and about 60 posters were displayed.



POSTER PRESENTATION ON ADVANCED MATERIALS

The Department of Chemistry organised a "POSTER PRESENTATION ON ADVANCED MATERIALS" for the 1st semester (C-cycle) BE students on 2nd January 2025.

The event was inaugurated by Dr. Yuvaraju B N, Principal, PESITM. The program was successfully executed under the guidance of Dr. Mohan Kumar, HOD, Department of Chemistry, and by the Event-coordinator, Dr. Shashikumara J K, Assistant Professor, with the great support of Rohit M.M, Ashwini Helavar, and non-teaching staff from Chemistry department, and with the suggestion of First-year Coordinator.

The poster presentation on advanced materials was done based on works related to advanced materials application, published in peer-reviewed international journals, and as a part of the advanced learning activity and self-learning component of the VTU curriculum.

All the students actively participated in this event and about 60 posters were displayed.



Faculty Achievements

Dr. Pramod Gopal Pai has successfully completed the NPTEL Online Certification Course "Experimental Physics-II", a 12-week course conducted by IIT, Kharagpur between February to May 2025 with Elite Silver Grade.

Mrs. Deeksha Kamath has successfully published two patents.

Dr. Prasad N Bapat has published 2 research articles

Dr. Shanmukha M C has successfully guided a candidate and awarded Ph.D under his guidance.

ಕಿರಣ ಬಿ. ಅವರಿಗೆ ಪಿಎಚ್.ಡಿ. ಪದವಿ
ಸೂಕ್ತ. ಐ. 27: ಸುಕ್ತದ ಕೆ.ವಿ.ಜಿ. ಎಂಜಿನಿಯರಿಂಗ್ ಕಾಲೇಜಿನ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಾಯಕ ಪ್ರಾಧ್ಯಾಪಕ ಕಿರಣ ಬಿ. ಅವರ **Advanced Graph Theoretical Analysis of Topological Indices and Their Mathematical Relations** ಎಂಬ ಮಹಾಪ್ರಬಂಧಕ್ಕೆ ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ ಪಿಎಚ್.ಡಿ. ಪದವಿ ನೀಡಿದೆ. ಶಿವಮೊಗ್ಗದ ಪಿಇಎಸ್ ಇನ್ ಸ್ಟಿಟ್ಯೂಟ್ ಆಫ್ ಟೆಕ್ನಾಲಜಿ ಆಂಡ್ ಮ್ಯಾನೇಜ್‌ಮೆಂಟ್ ಗಣಿತಶಾಸ್ತ್ರ ವಿಭಾಗದ ಸಹಪ್ರಾಧ್ಯಾಪಕ ಡಾ| ಷಣ್ಮುಖಿ ಎಂ.ಸಿ. ಅವರ ಮಾರ್ಗದರ್ಶನದಲ್ಲಿ ಪ್ರಬಂಧ ಸಿದ್ಧಪಡಿಸಿದ್ದರು. ಕಿರಣ ಬಿ. ಅವರು ನೆಲ್ಲೂರು ಕೆಮ್ರಾಜಿಯ ಬಾಳೆಗುಂಡಿಯ ನರಸಿಂಹ ಭಟ್ ಮತ್ತು ಶ್ರಾಮಲ ದಂಪತಿಯ ಪುತ್ರ



Prerana Educational and Social Trust (R)
PES INSTITUTE OF TECHNOLOGY AND MANAGEMENT
NH - 206, Sagar Road, Shivamogga - 577204
Approved by AICTE, New Delhi | Affiliated to VTU, Belagavi | Recognized by Govt. of Karnataka
NBA Accredited Programs: CSE, CV, ECE, ISE, EEE & ME

Congratulations

2nd Semester Topper Branch Wise

 Anushree K Shet Branch : AI Marks: 670 Percentage: 83.75	 Deekshitha M Branch : CD Marks: 678 Percentage: 84.75	 Shreeshha S Amathe Branch : CE Marks: 699 Percentage: 87.38	
 Siddaling Branch : CG Marks: 652 Percentage: 81.50	 Shwetha Malavi Branch : CS Marks: 703 Percentage: 87.88	 Akshay Ganapathi Bhat Branch : CV Marks: 596 Percentage: 74.50	 Mamatha Branch : EC Marks: 695 Percentage: 86.88
 Kushi G V Branch : EEE Marks: 682 Percentage: 85.25	 Ana Shreedhara Branch : IS Marks: 701 Percentage: 87.63	 Prajwal P Branch : ME Marks: 653 Percentage: 81.63	