Newsletter

Department of

Basic Science & Humanities

Volume 1 Issue 1 | January to July 2026

Greetings from the Editorial Board!!!

It gives me immense pleasure to present the latest issue of our Departmental Newsletter, which captures the vibrant academic, professional, and co-curricular activities of the Department of Humanities, PESITM, Shivamogga.

This edition brings together a rich compilation of the department's accomplishments and initiatives, including faculty and student achievements, Faculty Development Programmes, workshops, expert lectures, alumni interactions, academic engagements, student activities, and other noteworthy events conducted during the semester. Through these pages, we aim to showcase the continuous efforts of our faculty and students towards academic excellence, innovation, professional growth, and holistic development.

The newsletter also provides a glimpse into the diverse talents, accomplishments, and creative pursuits of our students and faculty members. More than a record of events, this publication is an endeavour to celebrate our collective achievements, acknowledge the dedication behind them, and inspire the entire department to strive for greater excellence in the times ahead.

I take this opportunity to express my sincere gratitude to the Management of PESITM, our respected Principal, Dr. Swamy D. R., and all the faculty coordinators, contributors, and well-wishers whose valuable support, commitment, and cooperation have made this publication possible.

This issue stands as a reflection of the enthusiasm, commitment, and collective efforts that continue to shape our department. May the achievements and initiatives featured in these pages inspire us to pursue greater academic excellence, embrace new opportunities, and continue building a culture of learning, collaboration, and accomplishment.

With sincere regards,

Dr. Deeksha Kamath.
Assistant Professor,

FDP on Emerging Trends and Sustainable Applications in Engineering Mathematics

The Department of Mathematics conducted a One-Day Faculty Development Programme (FDP) on “Emerging Trends and Sustainable Applications in Engineering Mathematics” on 9th September 2025.The programme featured technical sessions by Dr. Pradeep C. R., Professor, Channabasaveshwara Institute of Technology, Gubbi, and Prof. Sharayu Pradeep. The sessions focused on applications of polar curves in robotics and satellite launching, multivariate calculus in heat and mass transfer and machine learning, and linear algebra in Digital Signal Processing. The programme was inaugurated by Dr. Swamy D. R., Principal; Dr. R. Sekar, Vice Principal; Dr. Aveesh S. T., Head of the Department of Mathematics; and Ms. Vandana Shetty, Assistant Professor. The FDP provided valuable insights into the emerging trends and practical applications of engineering mathematics.

Student Induction Programme (SIP) – Phase I

The Student Induction Programme (SIP) – Phase I was conducted for first-year engineering students from 3rd August to 14th August 2026. The programme included a series of informative and interactive sessions aimed at helping students adapt to the engineering environment and prepare for their academic and professional journey. The sessions covered various topics, including academic excellence, engineering mathematics, science applications, career growth, soft skills, time management, professional etiquette, coding, LinkedIn, library orientation, design thinking, climate change, sustainability, and prompt engineering. Faculty members and experts guided the students through sessions designed to enhance their academic awareness, technical knowledge, communication skills, and professional readiness. The programme provided an enriching platform for students to understand the opportunities and responsibilities of engineering education and helped them begin their academic journey with confidence and motivation.

Dr. Mohan Kumar published a research article titled "Direct electrosynthesis of ammonia from nitrate reduction using atomically precise carbonyl-rich metal clusters in neutral media" published in a Scopus-indexed journal (Chinese Journal of Catalysis), Q1, which has a high Impact factor of 17.2 (Elsevier).

Dr. Mohan Kumar is a Peer Review and Academic Outreach Faculty members who served as reviewers for reputed international journals, including publications by Elsevier (Microchemical Journal, Surfaces and interfaces, Sustainable materials and technologies, Materials chemistry and physics, Journal of Magnesium and Alloys, Carbon trends, Materials Letters), Springer Nature (BMC Chemistry, Ionics, Biomass Conversion, Journal of Applied Electrochemistry and Biorefinery, Topics in Catalyst, and Journal of the Iranian Chemical Society). In addition to academic contributions, he actively engaged in outreach activities.

Dr. Mohan Kumar was invited as the Chief Guest at Oxford English School, Shivamogga, on 20th August 2026, and delivered a talk on "Nanomaterials", highlighting the importance and applications of nanomaterials among school students.

Dr. Mohan Kumar, as a Coordinator – R&D, PESITM, successfully contributed to coordinating the One-Day Faculty Development Programme on "Strengthening Research & Innovation for Institute Excellence" held on 21st August 2026, which was organised by the Mechanical Engineering Department. His efforts in coordinating the programme and facilitating interaction with eminent resource persons contributed to promoting research, innovation, and academic excellence at the institution.

Dr. M. Praveen and Dr. Mohan Kumar published a review article titled in a Scopus-indexed journal (Inorganic Chemistry Communications), Q1, which has an impact factor of 5.9 (Elsevier).

Dr. Ravindra K S achieved an outstanding 100% pass result in II Semester Chemistry subject for one section, reflecting his dedicated teaching, effective academic guidance, and commitment to student success.

Mrs. Sulekha T A achieved an outstanding 100% pass result in IV Semester Biology for Engineers subject for one section, reflecting his dedicated teaching, effective academic guidance, and commitment to student success.

DEPARTMENT OF HUMANITIES

The Department of Humanities conducted a Speaking Skills Activity to enhance the communication and presentation abilities of the students. As part of the activity, students were given various topics and encouraged to speak individually in front of the class. The activity provided students with an opportunity to express their ideas, improve their fluency, build confidence, and overcome hesitation while speaking. It also helped them develop effective communication and presentation skills. The activity was interactive and engaging, enabling students to improve their overall speaking skills and confidence.

DEPARTMENT OF HUMANITIES

An engaging session on “Introduction to Mind Mapping Technique” was conducted to familiarize students with the concept and practical applications of mind mapping as an effective learning and idea-generation strategy. The session focused on helping students organize information visually, develop connections between ideas, enhance creativity, and improve memory and understanding. Through an interactive classroom presentation and active participation, students explored how mind maps can be used for planning, brainstorming, note-making, and academic learning. The activity encouraged students to think creatively and adopt more structured and effective approaches to learning.

Faculty Achievements

Dr. Deeksha Kamath of English Department has successfully published a Book Chapter - Reader-Response Theory: Readers, Reception, and Interpretation/Journal-Application of Literary Theories in Literary Research, Chapter 8, Page no.97-108, Skill Track Publication, Chennai, 2026. ISBN: 978-81-689265-0-9Book Chapter – Reader- Response Theory : readers, Reception and Dr. Deeksha Kamath has successfully published 1 Scopus-indexed research publication — HOPE AMIDST HORROR: THE RESILIENCE OF WOMEN SURVIVORS IN HOLOCAUST. / Journal / Year / DOI] TOM Vol.32,No.S8,2025 ISSN:1972-6325 https://www.tpmap.org/

Dr. Prasad N Bapat of Physics Department has successfully published a paper Titled – Study of Structural simulation, Dielectric and Electronic Properties of Pyrazine-2. 3-dicarboxamide IJIRT/volume 13 Issue 1 ISSN:2349-6002, June 2026

Dr. Nimmala Narendra has successfully published a paper on Testing the seesaw mechanism and leptogenesis with gravitational waves:Majorana versus Dirac cases Anish Ghoshal1,*, Kazunori Kohri2,3,4,5,† Nimmala Narendra6