

SDMCET MATHEMATICS NEWS LETTER

[Sri Dharmasthala Manjunatheshwara College of Engineering and Technology, Dharwad]

Department of Mathematics

(Our Motto: To Develop Competent Professionals to render their service to Society)

Volume-XII

July-Dec
2024

Dr. Jenifer Karnel
Editor-in-Chief

Dr. Shreekant K
Editor

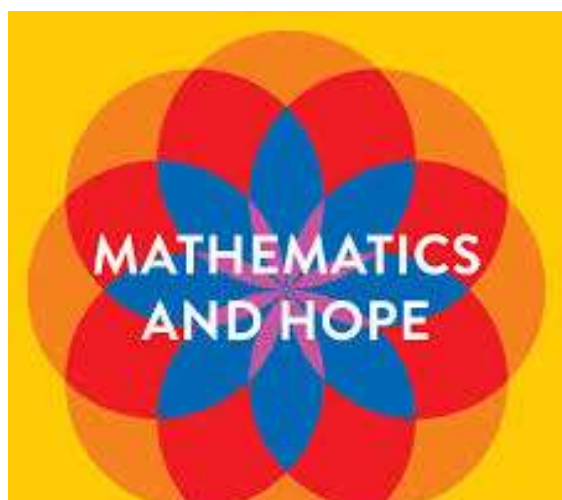
Dr. Basavaraj H
Advisor

The Department of Mathematics was established in the year 1979. The department has always shared the vision of the Institute in striving for excellence in teaching and research activities and has succeeded in this endeavour to a large extent. With Qualified and competent faculty with an average experience of more than 15 years the department has a Strong teaching learning process. The main vision of the department is to develop Competent Professionals with relevant mathematical knowledge and render their service to Society.

Editorial

It gives me great pleasure to present this Twelveth issue of News-Letter. Faculties have involved themselves in research, academic work and also involved in activities in collaboration with other colleges. Congratulations to all. Also my best wishes to all the faculty in their future endeavour.

Dr. Jenifer Karnel



“Faculty Achievement”



Dr. Preeti B. Jinagouda Awarded Ph.D. on 18-07-2024 at 24th Annual Convocation (Part – I) held at VTU Belgavi.



Dr. Varsha J, awarded Academic Excellence from the Higher Education Level, InSc Institute of Scholars, New Delhi on September 2024.



Dr. D.P. Basti Attended the Interview process as a Subject Expert for the recruitment of Associate Professor in the Department of Mathematics at KLS Gogte Institute of Technology, Belagavi on 26th October 2024.



Research Paper Presentation

★ **Dr. Preeti J.** Presented a paper Online on at International Conference of Mathematical Analysis and its Applications (ICMAA-2024) (Hybrid Mode) at KU Campus, Dharwad from 2nd to 4th August 2024.



★ **Dr. Shailaja S** Coordinated in organising AICTE Approved 3-Day Introductory Face to Face FDP on the theme "Inculcating UHV in Technical Education" held from 22nd to 24th August 2024 at SDMCET, Dharwad.

★ **Dr. Jenifer K., Dr. Varsha J., Dr. Basavaraj H, Dr. Shreekanth K,** coordinated in conducting a Motivational Talk for students by Solasta US Education Consultants on 20-09-2024.

★ **Dr. Varsha J** Coordinated in organizing State Level Competition on "Sustainability and Climate Change" held on 29-11-2024 organized by SDMCET, Dharwad.

★ **Dr. Shreekanth K** participated in 5 Day online Faculty Development Program on "Applications of AI/ML in Power Systems and Electrical Vehicles" organized by Department of Electrical and Electronic Engineering, Kishkinda University, from 5th August to 9th August 2024.



★ **Dr. Shailaja S. & Dr. Preeti J.** Published a paper on "First Zagreb Index of k-Splitting Graph of Generalized Transformation Graphs" in the Journal of Solovyov Studies, ISPU | ISSN: 2076-9210 Volume 72, issue 7, July 2024. DOI: <https://solovyov-studiesispu.com>

★ **Dr. Basavaraj Hoogar** Published research paper titled "Modified Numerical Technique for Fractional Delay Differential Equations" via Taylor Wavelets TWS J.App. and Eng. Mth., Special Issue IssueNo.1 2023, pp: 513-525.

Faculty Corner

★ **Dr. D.P. Basti, Dr. Jenifer K., Dr. Varsha J, Dr. Shreekanth K** has participated in NPTEL E-Awareness Workshop on 12-07-2024 thorough Online Mode organized by IIT Madras.

★ **Dr. Varsha J** participated in 3-Day International Online Workshop on Basic Statistical Analysis and its Interpretation using IASP open-source software "conducted on from 13th to 15th July 2024 organized by Institute of Statistics and Analytical Research , Chennai.

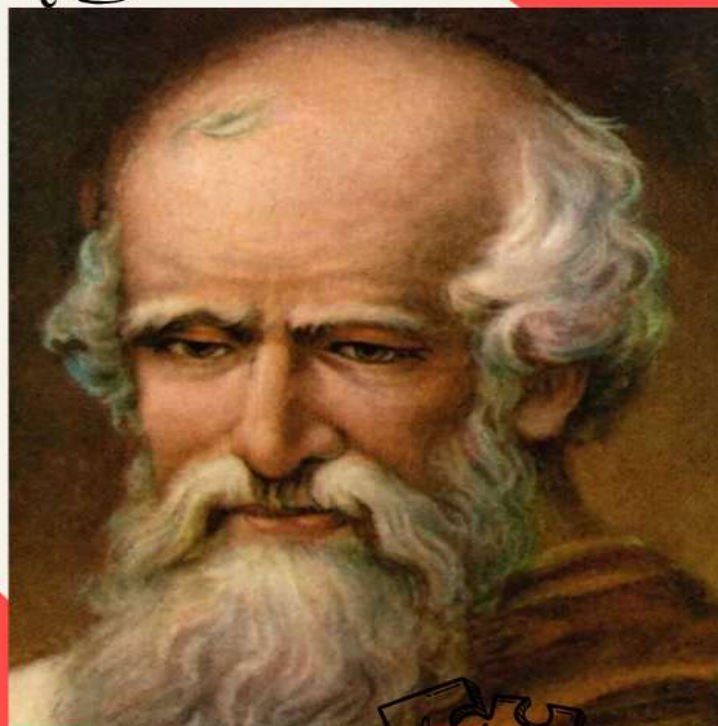
★ **Dr. Varsha J** Attended 5-Day FDP on "Research Structuring & Publication Process: conducted by Centre for Research and Training National Foundation for Entrepreneurship Development Coimbatore, Tamilnadu from 23rd to 27th July 2024.

★ **Dr. Preeti J.** Participated in FDP on “Unveiling Emerging Research Trends in Mathematics” organized by the Department of Mathematics, SRM Madurai College of Engineering and Technology, Sivagangai from 20-08-2024 to 21-08-2024.

★ **Dr. Shailaja S., Dr. Preeti J. Dr. D. P. Basti, Dr. Shreekanth K** Attended AICTE Approved 3-Day Introductory Face to Face FDP on the theme Inculcating UHV in Technical Education” held from 22nd to 24th August 2024 at SDMCET, Dharwad.

★ **Dr. Shailaja S., Dr. Preeti J.** Participated in One Week National Level FDP on “Writing Research Articles using LaTeX-Overleaf” held from 9th September to 13th September 2024 organized by Department of Electronics and Instrumentation Engineering, Sri Chandrashekarendra Saraswathi Viswa Mahavidyalaya, Enathur, Kanchipuram.

★ **Dr. D. P. Basti** Attended Pre-submission Colloquium at Doddappa Appa College of Engineering, Department of Mathematics, Kalburgi on 14-09-2024.



ARCHIMEDES: THE FATHER OF MATHEMATICS



M^{A+}HNASIUM[®]
The Math Learning Center