

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-XI

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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.

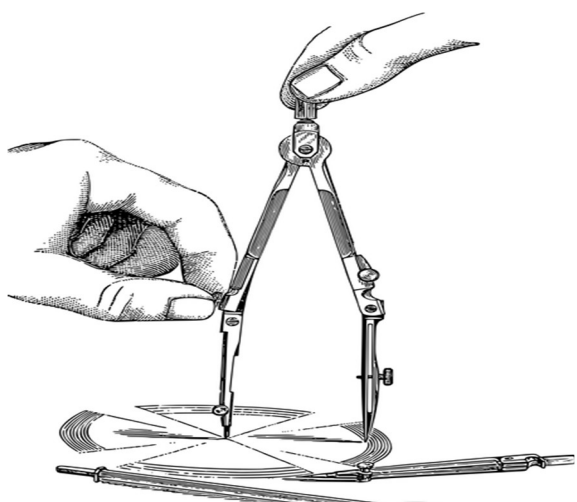
Editorial

It gives me great pleasure to present this Eleventh issue of News-Letter. The department faculties were involved in attending conferences, workshops, research activities along side their regular teaching work.

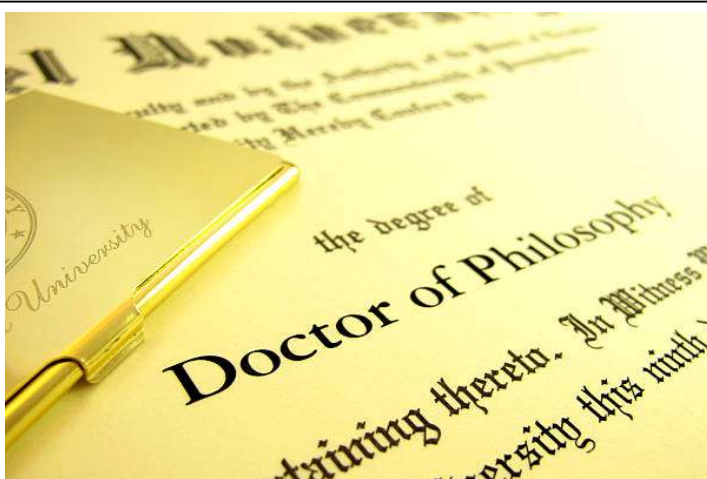
Hearty Congratulations to **Dr. Preeti Jinnagoudar** on being conferred with the **Doctorate degree**.

My best wishes to all the faculty members.

Dr. Jenifer Karnel



"Faculty Achievements"



Dr. Preeti Jinnagoudar Conferred the Degree of Philosophy for the thesis entitled "Domination Concepts on Graph Theory" on 18-06-2024. Under the Guidance of Dr. Shailaja Shirkol.



Dr. D P Basti Reviewed the research article paper (No. Ms_JERR_116124) "Design and Evaluation of Laboratory-Scale Fluidized Bed Dryer". International Journal "Journal of Engineering Research and Reports"-13th April -2024.



★ **Dr. Jenifer J. Karnel** published a paper entitled “A study of Fuzzy Generalized $\#$ Rg-closed sets and their role in Fuzzy topological Spaces”, Tijjin Jishu/ Journal of Propulsion Technology, Vol.45 No.2 (June 2024) pp.6476-6480. ISSN:1001-4055. Scopus (Q3).

<https://propulsiontechjournal.com/index.php/journal/article/view/7006>.

★ **Dr. Jenifer J. Karnel**, published a paper entitled “Fuzzy Minimal $G\#$ rg-open sets and Fuzzy Maximal $G\#$ rg-open sets in Fuzzy Topological Spaces” in Journal of Basic Science and Engineering, vol. 21, No.1, (June 2024) pp 500-510. ISSN:1005-0930. Scopus (Q3). <https://doie.org/10.0628/Jbse.2024959424>

Faculty Corner

★ **Dr. D. P. Basti & Dr. Jenifer K.** Attended Doctoral Committee for the Pre-Submission colloquium examination of Shri.Holavasayya I. Sankannavar bearing, USN:1SI12PGN02 as a domain expert for his research work on 24-01-2024 at SDM College of Engineering & Technology, Dharwad.

★ **Dr. Preeti Jinnagoudar** Participated in two day National “E-seminar on E-Tools on Academia and Scientific Research Methodology” organized by Department of Mathematics, CSSR & SRRM Degree & PG College Kamalapuram, YSR, A.P India, from 3-2-2024 to 4-2-2024.

★ **Dr. Shailaja Shirkol** Appointed as BOS member for syllabus revision for the subject Mathematics for Engineers of Industrial Engineering on 26-04-2024.

★ **Dr. D P Basti** Attended BoS-Applied Science and Humanities at Department of Mathematics, BIET, Davangere on 19-06-2024.

★ **Dr. Shailaja Shirkol** Attended BOE at KLS Gogte Institute of Technology Belagavi on 25/06/2024.

★ **Dr. D. P. Basti & Dr. Jenifer K.** Attended Doctoral Committee for the Pre-Submission colloquium examination of Megha Kulakarni bearing USN: 2SD17PGA03 as a domain expert for her research work on 15-02-2024 at SDM College of Engineering & Technology, Dharwad.

★ **Dr. Preeti Jinnagoudar** Participated in Three Day National Level Online Workshop on “Vedic Mathematics & Advanced Applications” on 23, 24 & 27 February 2024 conducted by DIGISKILLS CENTER, A.C.T. Academy, Kerala. Er.M.Gokila, Chennai.

★ **Dr. Preeti Jinnagoudar** Participated in Five Day International Virtual faculty Development Program on “Mathematics and its Application” organized by department of Mathematics(PG),PSGR Krishnammal College for Women, Coimbatore from 11-3-2024 to 15-3-2024.

★ **Dr. Shailaja Shirkol** Reviewed a paper in the Journal Asian Research Journal of Mathematics on 25-03-2024 through email.

★ **Dr. Shailaja Shirkol** Attended One Week National faculty development programme on Generative AI organized by Dr. D. Y. Patil College of Engineering and Innovation Pune from 1st April 2024 to 6th April 2024.

★ **Dr. Shailaja Shirkol** has participated in a one week STTP on AI Techniques in Electrical Systems" organised by Bapatla Engineering College, Bapatla from 15-04-2024 to 20-04-2024.

★ **Dr. Varsha Joshi, Dr. Basavaraj H., Dr. Preeti J.,** Coordinated in conducting 3 events (1) Poster Presentation (2) Math Relay (3) Math Hunt during National Level Event Insignia '2024 (Techno-Cultural) on 19-04-2024 for Engineering students.