

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-X

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Dr. Jenifer Karnel
Editor-in-Chief

Dr. Shreekant K
Editor

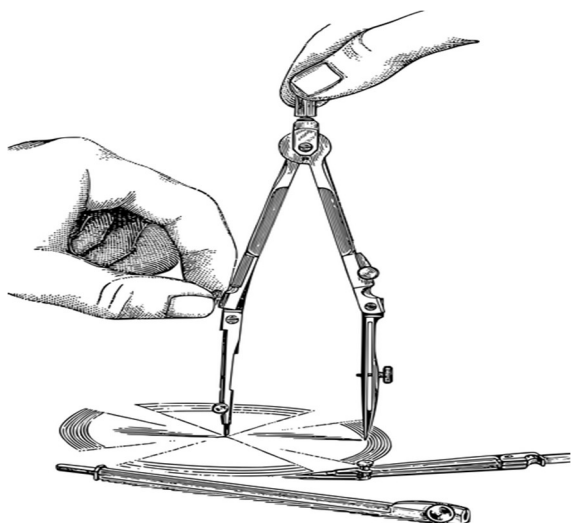
Dr. Basavaraj H
Advisor

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 16 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 Tenth issue of News-Letter. Faculty were involved in teaching learning with more enthusiasm and also involved in research activities. Congratulations to **Mr. Shreekant Kanguri** and **Mrs. Manjula Kalyanshetty** for achieving their Ph.D degree. My best wishes to all the faculty members.

Dr. Jenifer Karnel



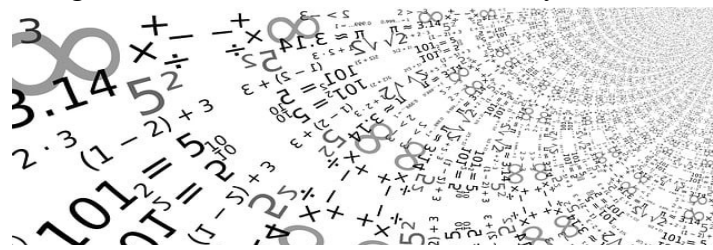
"Faculty Achievement"



Mr. Shreekant Kanguri is awarded with a doctorate degree under the guidance of **Dr. D P Basti** on 1st August 2023 by VTU Belagavi at the 23rd convocation ceremony.



Ph.D Student **Mrs. Manjula Kalyanshetty** awarded doctoral degree under the guidance of **Dr. Shailaja S. Shirkol** on 1st August 2023 by VTU Belagavi at the 23rd convocation ceremony.





★ **Prof. Shreekant Kanguri** participated and presented a paper entitled **“Squeeze film lubrication on porous secant curved circular plates induced by Micropolar fluids”** under the guidance of **Dr. D P Basti** at International conference on Recent trends in applied and computational mathematics (ICRTACM-2023) organized by Department of Mathematics, School of Applied Science, REVA University, Bangalore, India. on 30th and 31st October.

★ Under the guidance of **Dr. Jenifer J. Karnel**, **Research Scholar Ms. Megha Kulkarni** participated and presented a paper titled **"On Fuzzy Upper and Fuzzy Lower fsgb-continuous Multifunctions in Fuzzy Topological Spaces"** at International conference on Recent trends in applied and computational mathematics (ICRTACM-2023) organised by Department of Mathematics, School of Applied Science, REVA University, Bangalore, India on 30th and 31st October.

★ Under the guidance of **Dr. Jenifer J. Karnel**, **Mr. Research Scholar Holabasayya Sankannavar** Presented a paper titled **"Study of Fuzzy Generalized #Rg-closed sets and their role in Fuzzy Topological spaces."** at International conference on Recent trends in applied and computational mathematics (ICRTACM-2023) organised by Department of Mathematics, School of Applied Science, REVA University, Bangalore, India. on 30th and 31st October.



★ **Dr. D P Basti and Prof. Shreekant K** published paper on **“Squeeze film lubrication on porous secant curved circular plates induced by Micropolar fluids”** in the **“AIP Conference Proceedings 2852”**, August, 2023. (P.No.50007-1 -16). ISSN:1551-7616.

★ **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.

★ **Dr. Jenifer J. Karnel** Published research paper titled **“On Some New Forms of Fsgb-Continuous Mappings in Fuzzy Topological Spaces”** in the International Journal of Applied Engineering Research @ Research India Publications. ISSN 0973-4562 Volume 18.

Faculty Corner

★ **Dr. Shailaja Shirkol** has participated in a 10-day Online faculty Development program on Artificial Intelligence and Machine learning applications sponsored by MEITY, GoI organised by E&ICT Academy, NIT Warangal and DIET, Vishakapatnam, AP India during 1-10 July 2023.

