

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)

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Dr. Jenifer Karnel
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Dr. Basavaraj H
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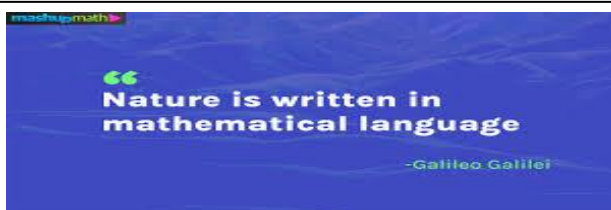
Dr. Varsha Joshi
Advisor

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 provide strong mathematical foundation to develop competent and ethical engineering professionals.

Editorial

It gives me immense pleasure to bring to you the Ninth Issue of Newsletter. Here we have showcased faculty interest in teaching and learning. Faculty have attended workshop/conferences, published research papers and also conducted events in *Insignia – May, 2023*. **Congratulations !!!** to our department research scholars Dr. Pavitra Kumbargoudra & Dr. Shreekant Kanguri, on being awarded with PhD by VTU, Belgaavi. Best wishes to faculty and students.

Dr. Jenifer Karnel



“Insignia-2023”

- ❖ “**Math-Hunt & Mathematical Modeling**” events conducted in the Department of Mathematics during *Insignia – May, 2023*. Dr. Varsha Joshi & Dr. Basavaraj Hoogar were Coordinators of these events.



Faculty Corner:

Conference Paper Presentation Preparation



★ **Dr. Basavaraj Hoogar** has attended and Presented the Research Article entitled “An Efficient Genocchi Wavelet Method for Numerical Solution of Fractional Delay Differential Equations” in the International Conference on Research Trends in Contemporary Mathematics (ICRTCM-2023) held at PG Department of Mathematics, PCAS and SHC, Chennai/Tirupattur on 03rd and 04th February, 2023.

★ **Dr. Jenifer and Dr. Varsha Joshi** attended three days FDP on Mathematics Lab using Python at KLS Gogte Institute of Technology, Belagavi, Karnataka during 5-7, Janaury,2023.

★ **Dr. Shailaja S Shirkol** attended One day workshop on IPR, Patents and Prior arts at SDM CET which was organized in association with KSCST, Bengaluru on 29th May 2023.

★ **Dr. Basavaraj Hoogar** has participated in Five Days National Workshop on Applied Mathematics and Computing from 12-06-2023 to 16-06-2023 organized by the Department of Mathematics and Computing , Madhav Institute of Technology and Science, Gwalior, Madhya Pradesh, India.



★ The research student **Pavitra Kumbargoudra** awarded PhD under the guidance of **Dr. Shailaja Shirkol** in VTU convocation on 24/02/2023.

★ **Mr. Shreekant Kanguri**, Lecturer, Department of Mathematics has completed Ph.D. Viva-Voce on 27th March 2023 under the guidance of **Dr. D.P.Basti**, Professor, Dept. of Mathematics, SDM CET, Dharwad.



Research Paper Publication

★ **Dr. Jenifer Karnel** published paper on Minimal $G_{\#rg}$ -open sets and Maximal $G_{\#rg}$ - closed sets in topological spaces, Eur.Chem.Bull.,12(3),621-632, April,2023.

★ **Dr. Dhanapal P Basti and Dr.Shreekant K** published paper on Surface roughness and micropolar fluids have a combined effect on squeeze film characteristics between a curved circular plate and a rough porous flat plate. AIP Conference Proceedings/Page 030016-1-030016-14 / (June 2023). ISSN:1551-7616.



★ **Dr.D.P.Basti** was the Internal examiner at Mathematics Research Center, BLDEA's V.P. Dr.P.G.Halakatti College of Engineering and Technology, Vijayapur on 13-02-2023, for the conduct of the Pre-Ph.D. Comprehensive Viva-Voce Examination of research scholar Mr. Umesh Bhujakkanavar(USN: 2BL17PGA01).

