

SDM COLLEGE OF ENGINEERING & TECHNOLOGY, DHARWAD

**Department of Mathematics
Research Paper Publications
(January- 2022 to June- 2023)**

Sl.No.	Name	Title of the research papers	Link
1.	Dr.DhanapalBasti/ Shreekant K	Micropolar Fluids Effect on Squeeze Film Characteristics of Secant Curved Circular Plates.(July 2022)	https://drive.google.com/file/d/1f4g_-b5isROwNAXM_k8IuE6AkY-7xAjx/view?usp=sharing (UGC care)
2.	Dr.Varsha Joshi/Dr. JeniferK	Regular generalized fuzzy b- continuous in fuzzy topology (Mathematics section:Sl.No. M-08, page No. 38)(Aug. 2022)	ICRTASS-2022
3	Dr.ShailajaShirkol	Degree distance based topological indices of some graph transforms.(April 2022)	https://www.tandfonline.com/doi/abs/10.1080/09720529.2022.2031151
4	Dr.ShailajaShirkol	Roman and k-rainbow Domination of Degree Splitting Graph. (Sept. 2022)	https://pjm.ppu.edu/sites/default/files/papers/PJM_May_%283%292022_57_to_62.pdf
5.	Dr.ShailajaShirkol	Kth-Zagreb Degree Eccentricity Indices of Graphs.(Aug. 2022)	https://www.ripublication.com/ijaer22/ijaerv17n6_12.pdf
6	Dr.ShailajaShirkol	On the Acharya Index for Characterization of Chemical Graphs.(Aug. 2022)	https://philstat.org/index.php/MS/EA/article/view/364

7	Dr.Shailaja Shirkol/ P.B.Jinagouda	Applications of Domination Parameters in QSPR Studies (April 2022)	https://www.academia.edu/76787710/Applications_of_domination_parameters_in_qspr_studieshttps://www.academia.edu/76787710/Applications_of_dominations_parameters_in_qspr_studies (WoS)
8	Dr.Dhanapal Basti/Shreekant K	Squeeze Film Lubrication Between Secant Curved Circular Plates: Effects of Surface Roughness and Micropolar Fluids. (Oct.2022)	https://drive.google.com/file/d/1Cbw0wehl9W9kLBnZH1N6oFt1-MkH9d7d/view?usp=sharing
9	Dr.Dhanapal Basti/ Shreekant K	Surface roughness and micropolar fluids have a combined effect on squeeze film characteristics between a curved circular plate and a rough porous flat plate. (June 2023).	https://doi.org/10.1063/5.0115166 , (SCOPUS).
10	Dr.Jenifer	Some studies on Generalized $\#rg$ -closed Sets	https://www.jecet.org/paper_description.php?category=Eng%20Science&volume=10&issue=3 [Pablon (WoS)]
11	Dr.Jenifer	Some studies on Generalized $\#rg$ -open Sets and generalized $\#rg$ -operations	https://drive.google.com/file/d/1OJMaIVzx3hDJM3B16UUzr-Discb44PEA/view
12	Dr.Jenifer	Minimal $G\#rg$ -opensets and Maximal $G\#rg$ -closed sets in Topological spaces	https://www.eurchembull.com/uploads/paper/92e4a3b78c13d1fc2b0585f35dbf00d6.pdf