

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)

**Jan-June
2021
Volume-V**

Dr. Jenifer Karnel
Editor-in-Chief

Dr. Basavaraj H
Editor

Prof. 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 develop competent professionals with relevant mathematical knowledge and render their service to society.

Editorial

It gives me great pleasure to present this Fifth issue of News-Letter. The pandemic has indeed changed the life for most people, which has made our department faculties to become adaptable with the changed scenario by upgrading the skills. They also involved in research activities. My best wishes to all the faculty members.

Dr. Jenifer Karnel

FDP on “GeoGebra”

The Department of Mathematics organized one day Pedagogy training on “Effective Teaching and Learning of Mathematics using GeoGebra” on 21-01-2021. Dr. S.S. Benchalli, Professor and Head, Department of Mathematics, Basaveshwar Engineering College, Bagalkot-587103 was the resource person.

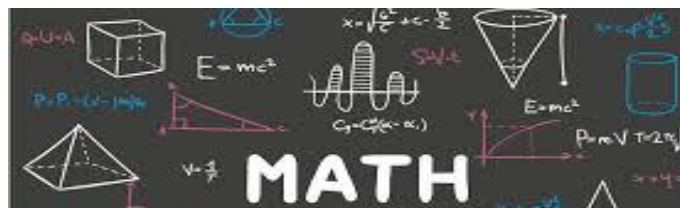
The training was inaugurated by Dr. Yashovarma, Secretary, SDM Ujire and was also attended by our Principal, Dr.K.Gopinath and all the Deans.

GeoGebra as the name suggests is a combination of two words Geometry and Algebra and it is an interactive Geometry, Algebra, Statistic and Calculus application.


We had three hands-on experience session (two in the morning and one post lunch) where we learnt to demonstrate Differentiation, Integration, Fourier series, Laplace transform, Numerical method and many more topics.





FDP Inauguration on “GeoGebra”





Faculty Corner:


 Dr. Shailaja Shirkol Published article entitled “Distance-Based topological acharya polynomial and indices of Hamiltonian graphs” in Journal of Shanghai Jiaotong University, Vol 17, Issue 2, Feb. 2021.


 Prof. Preeti B.J attended workshop on Discrete Mathematics at Mangalore University from 04th to 06th February 2021.


 Prof. Varsha Joshi & Dr. Jenifer J. Karnel Published article entitled “On regular generalized fuzzy b- irresolute in fuzzy topology, Journal of Computer and Mathematical Sciences, Vol. 12(2),1-7, Feb.2021.


 Prof. Preeti B.J Presented Paper (Online) entitled “Doubly Connected dominating energy of Graphs” at Mangalore University on 09th Feb. 2021


 Dr.D.P.Basti & Dr. S.S. Shirakol submitted VGST Project proposal Karnataka Fund for Infrastructure Strengthening in Science & Technology (K-FIST Level –I), Rs 12, 99,189/- on 20-02-2021.


 Prof. Basavaraj Hoogar Submitted his Ph.D. Thesis to Karnatak University, Dharwad on 24-02-2021.


 Dr. S.S. Shirkol and Prof.Preeti. B.J Published article entitled “Degree equitable restrained double domination in graphs”, Electronic Journal of Graph Theory and Applications , 9(1),, 105-111,March 2021.

 Prof. Varsha Joshi Submitted Ph.D. thesis to VTU, Belagavi on 31-03-2021.

 Dr. S.S. Shirkol Participated in 24th virtual webinar on role of Mathematics in Science & Technology held on the 25th of June 2021 at Reva University, Bangalore.

 Prof. Preeti Jinagounda: Participated in the Five days National FDP titled “Innovative Teaching and Research in Science: Exploring The New Harizons” organized by Forum in Association with IQAC, Government First Grade College , Vijayanagar, Karnataka Held from 10th to 15th June 2021.

 Prof. Preeti Jinagounda: Participated in the one week online National level FDP titled “Role of Mathematics in Latest Engineering Trends” organized by Department of Mathematics under department Science Humanities, Lords Institute of Engineering and Technology, Hyderabad from 4th June to 10th June 2021.

 Prof. Varsha Joshi & Dr. Jenifer J. Karnel Published article entitled “On regular generalized fuzzy b- separation axioms in fuzzy topology, Ratio Mathematica, Vol.40, 151-162,June2021.

Community Services By Faculty

Sl. No.	Dept./Committee	Type of Programme	No. of Students
01	Mathematics	Dr.S.S. Shirkol engaged class for 10 th standard students under adoption of village at Yerikoppa on 20.03.2021	50
02	Mathematics	Prof. Preeti B.Jinagauda engaged class for 10 th standard students under adoption of village at Yerikoppa on 20.03.2021	50
03	Mathematics	Prof. Shreekant Kanguri engaged class for 10 th standard students under adoption of village at Yerikoppa on 27.03.2021	50
04	Mathematics	Prof. Basavaraj Hoogar engaged class for 10 th standard students under adoption of village at Yerikoppa on 27.03.2021	50

Gallery

