



ಶರಣಬಸವ
Sharnbasva



ಶಿಶುವಿದ್ಯಾಲಯ
University



A Private University enacted by Govt. of Karnataka as "Sharnbasva University Act 2013"
Karnataka Act No. 17 of 2013. Notification No. ED 144 URC 2016 dated 29/07/2017

Faculty of Engineering & Technology (Exclusively for Women)
Celebrates

MATH - WORKSHOP-2023 On 18th Aug 2023

Title of the Event	Math – Workshop
Date of Activity held	18/08/2023
Time of Activity	11:00AM
Type of Activity (Cultural/ Cocurricular/Curricular)	Curricular
Resource Person	Dr. T Venkatesh
Professional details of Judge	Director of Mathematical Sciences Institute, Belagavi, Karnataka
Number of Students attended	68
Number of Staff attended	10
Activity Organizing Department	Basic Science (Department of Mathematics)
Description of Activity (Min 500 words)	<p>Department of Basic Science, Faculty of Engineering and Technology (Exclusively for women), Sharnbasva University organized Workshop on "MATHEMATICS FOR ARTIFICIAL INTELLIGENCE & MACHINE LEARNING"-2023 on 18th Aug 2023 at 11:00 am at Seminar hall GECW main Building.</p> <p>We invited Dr. T Venkatesh, Director, Mathematical Institute of Sciences, Belagavi as a resource person for the workshop.</p> <p>The program started with inaugural function followed by welcome speech, Lighting of the lamp, prayer song by our students and introduction of Resource person and the program was presided by Dr. Lakshmi Patil Maka, Dean, Sharnbasva University, Kalaburagi and ended with vote of thanks. After this process Session was started by Dr T. Venkatesh sir, sir explained the importance of Mathematics in AIML. How much Mathematics is important for Machine Learning students should be expertise in mathematics to understand and apply algorithms in various applications. From choosing the right algorithm to selecting the correct parameter, sir explained about the mathematical concepts in every step of a machine learning process and which Mathematical Concepts are Implemented in Data Science and Machine Learning. Sir explained concepts of Statistics, Linear Algebra, Probability, and Calculus are the core part of every model, calculus helps us learn and optimize a model and also mathematicians have made groundbreaking contributions to the development of AI, shaping the field throughout history. They have laid the theoretical foundations for AI systems, creating algorithms, models, and methodologies that enable machines to learn, reason, and make informed decisions. The session was very informative for all students and got to know about mathematical concepts used in AIML. Later there was a interaction session between speaker and students where all the students interesting interaction.</p> <p>Scope of the workshop: Math Workshop is a framework that allows students to learn new math content each day, practice math strategies in a variety of ways, and reflect on learning through verbal or written sharing. The predictable structure of Math Workshop makes it easier for students to participate in differentiated activity.</p>

Centenary Celebrated Sharnbasveshwar Vidya Vardhak Sangha's



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Outcome of the Activity	<p>This workshop will help the students to demonstrate the ability to solve problems, including applications outside of mathematics. Mathematical communication and it helps Students will demonstrate the ability to communicate mathematical ideas clearly and will use correct mathematical terminology and proper mathematical notation.</p> <p>Objectives Of Mathematics Workshop: Developing logical and problem-solving ability in students Mathematics workshop provide for engaging math lessons and activities, it also allows students to act as mathematicians and will become confident in what they are working on. The math workshop model exposes students to create their ideas .</p>
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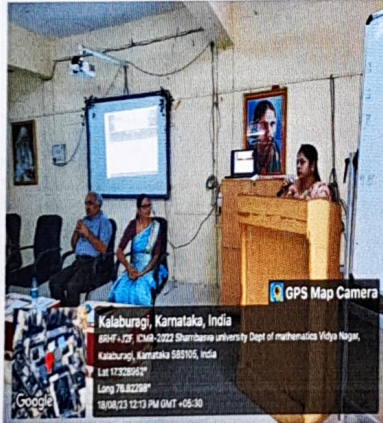
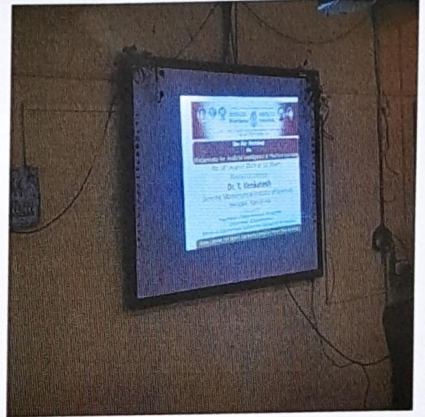
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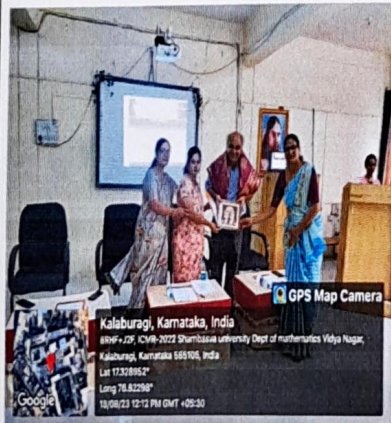
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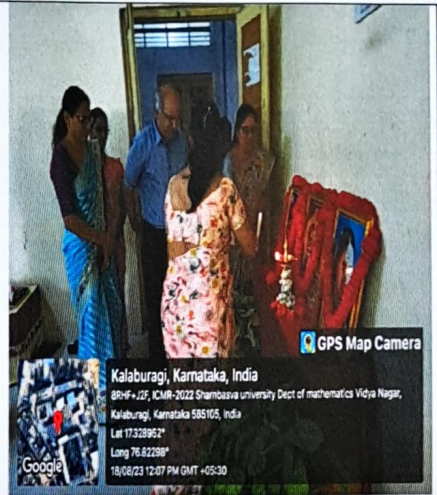


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Kalhatt
Programme Co-ordinator

Taraswally
Chairperson

Juara
Dean