



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

DEPARTMENT OF MATHEMATICS

UNDER

DBT STAR COLLEGE SCHEME

PHOTO GALLERY 2024 - 2025



1. HANDS ON TRAINING PROGRAMMES

Hands on Training in MATLAB – Programming for Beginners



One Day Hands on Training on Power BI



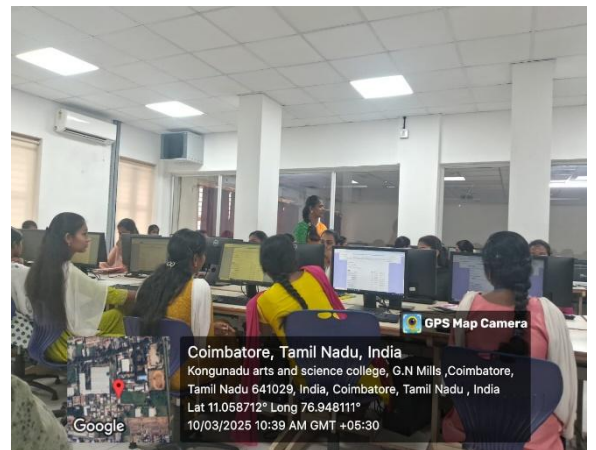
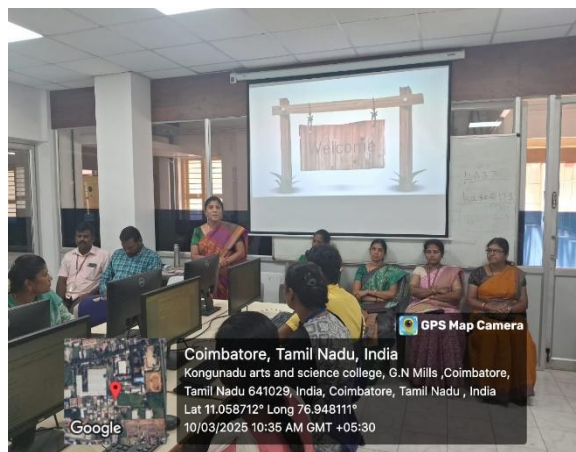
Hands on Training on R programming



Hands on Training on Data Analysis using Python



One day Hands on Training Programme on Sage Mathematics



A Hands on Training on SCILAB Programming



2. INDUSTRIAL VISITS

One day IV- Ooty



One day IV- Thrissur, Kerala



Industrial Visit to Udupi, Coorg, Calicut and Chikkmagaluru



3. EXHIBITIONS / COMPETITION

Inter- school Mathematics Competitions



Inter-school Chess Competitions Chess Carnival 2k25



Inter department competition



4. LECTURES/SEMINARS/WORKSHOPS CONDUCTED

Awareness Programme on Pitching Idea for Staggering Genius



National day celebration: A Lecture on Technological Inventions by Indian scientists- An inspiration for future innovators



A seminar on “Differential Equations and its applications”



A Guest Lecture on Navigating Complexity: Interdisciplinary Learning for Non-Mathematics Students



A Guest Lecture on Student Project Ideas- Interdisciplinary Approach



One-day workshop on Vedic mathematics for Science students



Lecture Series on Algebra & Analysis – I



Lecture Series on Algebra & Analysis – II



8th International Conference on Current Scenario in Pure and Applied Mathematics



The Coval Mail

The Department of Mathematics, Kongunadu Arts and Science College organized the 8th International Conference on Current Scenario in Pure and Applied Mathematics, recently. Kolathuram, Co-Chairman of the conference welcomed the gathering. Lakshmi, Professor, Department of Studies in Mathematics, Vignanam Sri Krishnakrishna University, Bellary, Karnataka released the conference proceedings consisting of 10 Abstracts and delivered the Keynote Address. In his address, he highly appreciated the organizers for organizing the international conference consecutively for the 8th year.

Sangeetha, Principal of the College and Pasham, Director, Aravani Research Foundation offered the Reception. Venkateshwaran, the Organizing Secretary of the conference proposed the vote of thanks for the inaugural session.

1st Technical Session
Following the inaugural session, Prof. Professor of Mathematics, Karnataka University, Dharwad, Karnataka delivered a talk on the topic 'Applications of Fuzzy Set Theory in ML/DL Problems'.

In his lecture, he explained the origin of the Fuzzy theory, set theory and discussed its advantages. He further explained various algorithms applied to ML/DL problems with an interesting real-life example.

2nd Technical Session
In the 2nd Technical session, Mahadevan, Professor of Mathematics, The Gandhinagar, Bangalore, delivered a talk on the topic 'Revolutions in Real-time Applications through Graph Theory: From Medical Interventions to Digital Solutions'.

In his lecture, he illustrated the role of graph modeling in the visualization of human anatomy. He also discussed the importance of graph theory in real-life problems like communication and biological networks.

3rd Technical Session
Lakshmi, delivered a talk on the topic 'Empowering the capabilities of Topological indices with Machine Learning' in the 3rd Technical session. In his lecture, he highlighted about the emergence of Artificial Intelligence and Machine Learning and its types.



(From Left) Kolathuram, Co-Chairman of the conference; Lakshmi, Professor, Department of Studies in Mathematics, Vignanam Sri Krishnakrishna University, Bellary, Karnataka; Pasham, Director, Aravani Research Foundation; Sangeetha, Principal of the college and Venkateshwaran, Organizing Secretary of the conference with the conference proceedings.

He listed down the role of Mathematics, especially topology and graph theory to solve the various real-world problems with the aid of machine learning. He emphasized the connectivity of software like Python, R, Julia, Java, TensorFlow, PyTorch etc., to simplify the problem-solving techniques.

4th Technical Session
In the 4th technical session, Dasgupta, Associate Professor, D.P.M. in Mathematics, Tatyana University, Karnataka delivered a talk on the topic 'Some novel investigations on action graphs and their applications', in which he explained the various types of graphs.

He has in the past made more than 300 posters to clear the CSIR NET Examination. During his lecture, he provided the key points to remember that would help one to clear the CSIR NET examination.

Final Session
In the final session of the day, around 60 participants presented their papers in research domains like graph theory, topology, differential equations, fuzzy theory, mathematical modelling etc., in 7 parallel sessions.

Faculty members from various institutions served as Chairpersons for the paper presentation session and in each session, one presenter was awarded the Best Paper Award.

2nd Day
On the 2nd day of the conference, 5 eminent resource persons from Indonesia, Turkey, Spain and Italy addressed their lectures.

1st Session
Dr. Prof. of Mathematics and Dean of Science, Chairman of GANT Research Group University of Jember, Indonesia headed the first session and spoke on the topic 'Super Arithmeticality of Hypergraphs and Its Application for Symmetric Encryption'.

2nd Session
In the second session, Jamal, Nazir Cengiz, a Professor of Mathematics from Bursa Uludağ University, Bursa, Turkey, addressed the topic of 'Total Dominant Graphs'.

3rd Session
Dr. Yilmazhan, Professor, Department of Mathematics and Science Education Faculty of Education, Hattay University, Hatay, Turkey, dealt with the

final session and delivered the talk on 'Why we need to study the epistemological models?'.

4th Session
In the 4th session, Ravi M. Falcón, Associate Professor, Department of Applied Mathematics, University of Seville, Spain spoke on the topic 'A new graphical authentication scheme based on Latin squares'.

Final Session
George Nedy, Researcher and Aggregate Professor, MIT Department of Mathematics, India, headed the final session and delivered a talk on the topic 'Some Computational Approaches in Noncommutative Theory'.

More than 100 participants from various parts of the country attended the conference and benefited. Having researchers and students had an opportunity to interact with the resource persons and clarified their suggestions.

This International Conference has proved the way for Mathematics researchers across the globe to discuss and share their knowledge, said the organizers.

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In the conference, around 60 participants presented their papers in research domains like graph theory, topology, differential equations, fuzzy theory, mathematical modelling etc., in 7 parallel sessions.

Lecture Series on Algebra & Analysis – III



Lecture Series on Algebra & Analysis - IV



5. EXTENSION ACTIVITIES

Activity Based Learning- Yuva Public School

