



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with “A+” grade (4th cycle)

29th Rank among Colleges in NIRF 2023

College of Excellence (UGC)

Coimbatore-641 029

Tamil Nadu, India



Department of Mathematics Under DBT Star College Scheme Organizes

Capacity Building Programme -An Interdisciplinary Approach For Non Mathematics Students

Resource Person

Dr. M.Thiruchelvi,

Assistant Professor & Head

Department of Mathematics,
Sankara College of Science and Commerce,
Coimbatore - 641035
Tamil Nadu

Topic: **Applications of Mathematics-
an Interdisciplinary Approach**

Organizing Secretary

Dr. S.P.R.Priyalatha,
Dr .P.Sathishmohan
Assistant Professor
of Mathematics

Convener

Dr. V. Kokilavani
Head of the Department

Resource Person

Dr. M. Parimala,

Associate Professor & Head

Department of Mathematics,
Bannari Amman Institute Of Technology,
Sathyamangalam - 638401
Tamil Nadu

Topic: **Transforming Math Fear into Fuel
for Your Math-Infused Career Path**

Patron

Dr. M. Lekeshmanaswamy
Principal

Chief Patron

Dr. C. A. Vasuki
Secretary & Director

Date: 11.12.2023

Time: 10.30 am

Venue: Room No. G5



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DEPARTMENT OF MATHEMATICS

supported by

DBT STAR COLLEGE SCHEME

REPORT

Name of the Event	Capacity Building Programme -An Interdisciplinary Approach for Non Mathematics Students
Date	11.12.2023
Time	10.30 AM
Resource Person With Designation	Session I Dr. M.Thiruchelvi, Assistant Professor & Head Department of Mathematics, Sankara College of Science and Commerce, Coimbatore - 641035 Tamil Nadu Session II Dr. M. Parimala, Associate Professor & Head Department of Mathematics, Bannari Amman Institute Of Technology, Sathyamangalam - 638401 Tamil Nadu
Venue of the Programme	G5 Hall
Objectives of the Programme	All students will learn to: <ul style="list-style-type: none">• To improving skills for carrying out key functions, mathematics improves the ability to make logical connections to solving problems• Participants was developed a basic understanding of solving problems capacity, Career Opportunities and Advancement to improve, and retain the skills, knowledge to do their jobs competently or to a greater capacity.

Outcome of the Programme	<ul style="list-style-type: none"> • To orient and sensitize students about the How to overcoming math anxiety and to develop a mathematical mindset to take up higher education in science courses. • To develop competencies in different skills of mathematical thinking enhances problem solving skills and Brainstorming activity • To develop broad career plans, evaluate the mathematics helps in analysing information lateral and logical thinking employment market and identify the organizations to get good placement.
Number of Beneficiaries with Class (Non Mathematics Students Various Departments only)	69

Report of the Programme

Department of Mathematics organizes a Capacity Building Programme -An Interdisciplinary Approach for Non Mathematics Student's on 11.12.2023 at 10.30 am. In session I " Dr. S.P.R.Priyalatha, Assistant Professor of Mathematics, Kongunadu Arts and Science, Coimbatore welcomed the gathering and introduced the resource person Dr. M.Thiruchelvi Assistant Professor & Head , Sankara College of Science and Commerce, Coimbatore, Tamil Nadu. The resource person delivered the concept of " Applications of Mathematics-an Interdisciplinary Approach ". She says that Mathematics is defined as the science which deals with logic of shape, quantity and arrangement. She also briefed about Mathematical Thinking Enhances Problem Solving skills, Brainstorming activities are considered to analyze options, innovate solutions, and modify problems into opportunities. Further she added, mathematics helps in analysing information lateral and logical thinking is important to sustain in the job market.

In session II, the resource person Dr. M. Parimala, Associate Professor & Head, Department of Mathematics, Bannari Amman Institute Of Technology, Sathyamangalam ,Tamil Nadu, delivered the "Transforming Math Fear into Fuel for Your Math-Infused Career Path".She explained the concept such as problem solving skills, Mathematics improves the ability to make logical connections, Mathematical reasoning leads to innovative Solutions, Overcoming Math Anxiety, How to develop a Mathematical Mindset, Career Opportunities

and Advancement. She also emphasized on the importance of Mathematical concepts improve Critical Thinking ,Career Opportunities and Advancement which are required as additional qualification for getting jobs easily . Moreover, she advised the students to prepare themselves for interview from the first year onwards. She shared the information about free coaching classes offered for UPSC, TNPSC, RRB and SSC exams and 69 non mathematics student's from various departments got benefited. Dr.P.Sathishmohan, Assistant Professor, Department of Mathematics, proposed the vote of thanks.

In session I



Welcome Address by Dr. S.P.R.Priyalatha, Assistant Professor of Mathematics

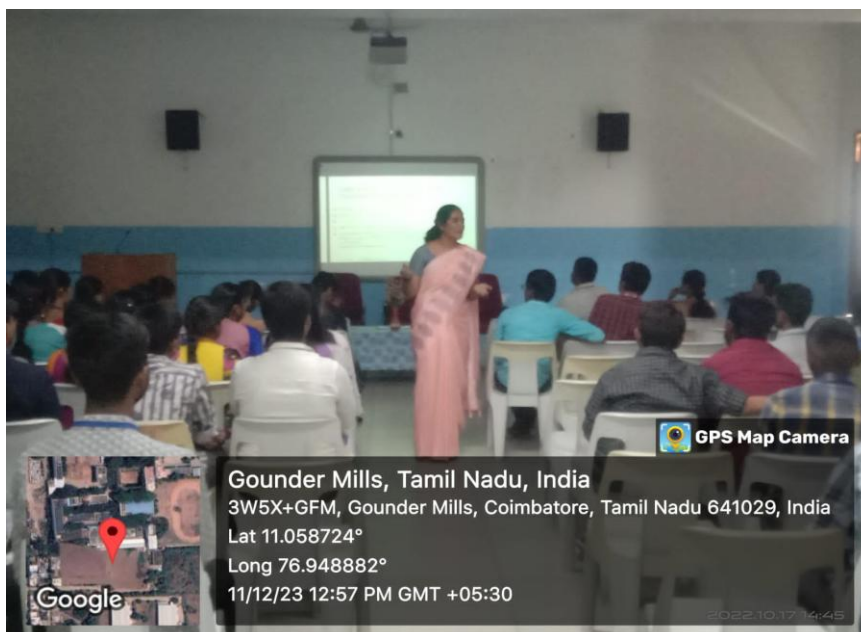


Dr. M.Thiruchelvi Assistant Professor & Head , Sankara College of Science and Commerce, Coimbatore, Tamil Nadu, to delivered the concept of “ Applications of Mathematics-an Interdisciplinary Approach”



Beneficiaries (UG Students)

In session II



Dr. M. Parimala, Associate Professor & Head, Department of Mathematics, Bannari Amman Institute Of Technology, Sathyamangalam, Tamil Nadu, to delivered the concept of “Transforming Math Fear into Fuel for Your Math-Infused Career Path”