

# GOVERNMENT DEGREE COLLEGE

KARVETINAGARAM, Chittoor Dist, A.P.-517582

## DEPARTMENT OF MATHEMATICS



## ACTIVITIES REGISTER

(2024-25)

# **ACTIVITIES REGISTER**

<b>Sl No.</b>	<b>Dates</b>	<b>Name of the Activity</b>	<b>Resource Person</b>
1	22-26 <sup>th</sup> June 2024	Bridge Course	Dr.Dhananjaya Reddy
2	09-09-2024 30-10-2024	of Certificate Course on “ PC Software & C Language in Vedic Mathematics”	Principal Dr S.Vijayulu Reddy,Dr Dhananjaya Reddy,P.Eswar Reddy
3	28-10-2024	Participation in Blood Donation Program at Nagari	Department of Police,Nagari
4	19-11-2024	Guest Lecture on “Applications of Linear Algebra in Data Science”	Dr Narasimha Reddy, GDC,Puttur
5	20-11-2024	Invited Lecture given at GDC, Puttur	Dr Dhananjaya Reddy, GDC, Karvetinagaram
6	21-11-2024	Alumni Meet Participation	Dr Dhananjaya Reddy, GDC, Karvetinagaram
7	21-11-2024	Freshers Day Participation	Dr Dhananjaya Reddy, GDC, Karvetinagaram
8	28-11-2024	Blood Donation Program-2024	NSS Unit & SVIMS Blood Bank TPT
9	01-12-2024	AIDS Awareness Rally	Principal Dr S.Vijayulu Reddy & Dr Dhananjaya Reddy
10	20-12-2024	Quiz(Vedic Mathematics)	All BSc Students
11	22-12-2024	National Mathematics Day	Principal Dr.S.Vijayulu Reddy
12	21-02-2025	Road Safety Awareness	Police dept(DSP,CI & SI)
13	End Every Unit problem in solving sessions	Group Discussions	Dr.Dhananjaya Reddy
14	All Activities	Participated in All NSS, WEC, RRC, YRC Activities	Dr.Dhananjaya Reddy

## Extension Activities

### Attended for BOS Meetings as a member

Dr.Dhananjaya Reddy, Lecturer in Mathematics attended for BOS (Mathematics) meetings as a Member. Details as follows

Sl No	Date of BOS meeting held	Name of the College	Position
1	29-06-2024	SKR Govt.College for Women(A), Kadapa	<b>Member</b> (Subject Expert nominated by Academic Council)
2	10.07.2024	Sri Vivekananda Degree College for Women(A), Kadapa	<b>Member</b> (Subject Expert nominated by Academic Council)
3	23-08-2024	Government Degree College for Men(A), Kadapa	<b>Member</b> (Subject Expert nominated by Academic Council)

### Invited Talks/ Guest Lecturers Given

Sl No.	Date	College	Topic
1	20-11-2024	Invited Lecture given at GDC, Puttur	Applications of Mathematics in Computer Science
2			

### Trainings & Workshops Attended

Sl No.	Date	Name of the Training/Workshop	Place
1	19-11-2024	Drugs Free Andhra Pradesh Program (DFAP)	Online

## Faculty Development Program(FDP)

SI No	Title of FDP	Dates	No of Days	Place

## Awards Received

SI No.	Title of the Award	Date of Presentation	Awarded by
1			

## In Research Support & Participation - Certificate Appreciations Received

SI No.	Awarded in	During the dates	Reason

## PUBLICATIONS

### Research Journal Publications

SI No	Title of the Article	Name o the Journal	Issue	ISSN No
1				
2				

## Books Publications

Sl No.	Title of the Book	ISBN No	Name of the Publisher	Published on
1	Data Science and Big Data Analytics- Principles, Techniques, and Applications	978-8198078902	AG Publishing House	24 Oct 2024
2	GRAPH THEORY AND IT'S APPLICATIONS	978-93-6674-333-2	Scientific International Publishing House	11 February 2025 1.

## Patent Journal Publications

Sl No.	Application No	Title of the invention	Date of Publication	Position of Inventor
1	202441088834A	DYNAMIC EQUATION SOLVER FOR REAL TIME ENGINEERING APPLICATIONS	22/11/2024	First
2	202441096297A	OPTIMIZATION ALGORITHM FOR COMPLEX FLUID DYNAMICS SIMULATIONS	13/12/2024	First

## GUEST LECTURES (INVITED TALK) GIVEN







# Workshop on “Vedic Mathematics”

A workshop on Vedic mathematics was conducted for the students as part of the National Mathematics Day celebrations under the direction of Dr. Dhananjaya Reddy, Head of the Department of Mathematics in the Government Degree College on Thursday. Dr S.Rushma who was the chief guest of this workshop said that mathematics is very important in today's competitive world and explained the simple principles of Vedic mathematics to the students. Later, Dr. Dhananjaya Reddy said that mathematics affects human lives. College teachers are Bala Subramaniam Achari, CN. Latha,

---

## National Mathematics Day Celebrations on 22-12-2024

---

### Group Discussions



