


11. Department innovative Best practices

Academic Year 2021-22

College:GDCW,Nalgonda,Department:Mathematics

S.No.	Name of the Best practice	Remarks		
1	Department website-Maintainance	Nil		
2	Enrolment of Students in the course Geogebra via swayam platforms	Nil		
3	Mock Entrance test	Nil		
4	Natiional Mathematics Day Celebration	Nil		

  
Signature of the Incharge

Department of Mathematics  
Govt. Degree College for Women  
Nalgonda.

  
Principal

PRINCIPAL  
GOVT. WOMEN DEGREE COLLEGE  
Ramagiri, NALGONDA.

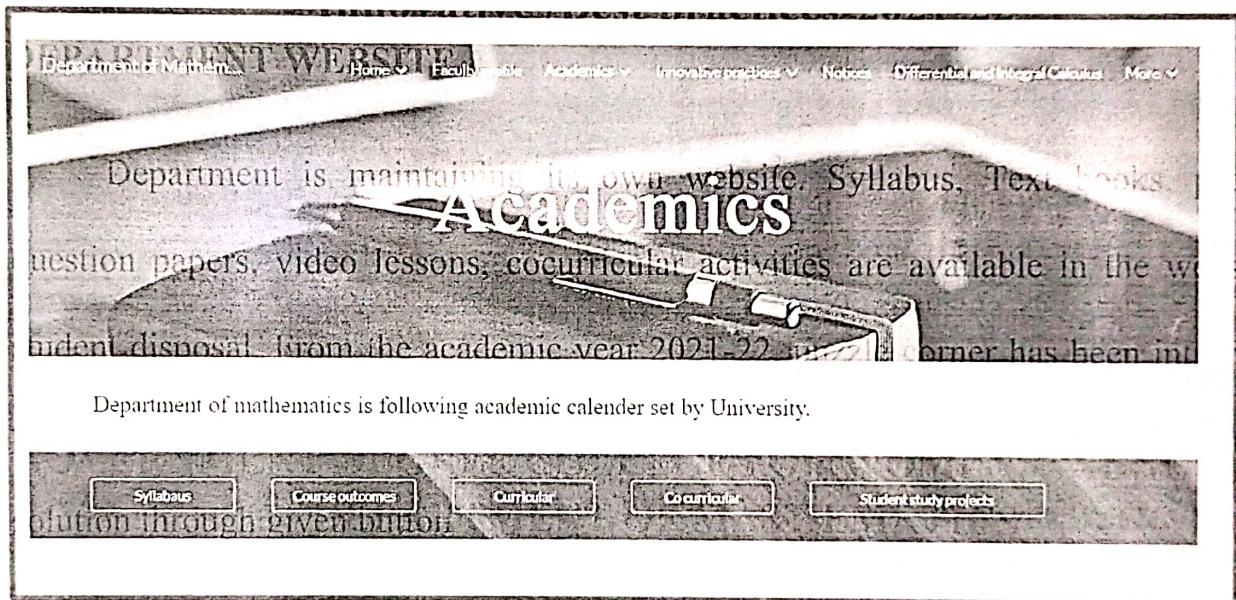


# GOVERNMENT DEGREE COLLEGE FOR WOMEN, NALGONDA DEPARTMENT OF MATHEMATICS

## Innovative /Best practices-2021-22

### DEPARTMENT WEBSITE

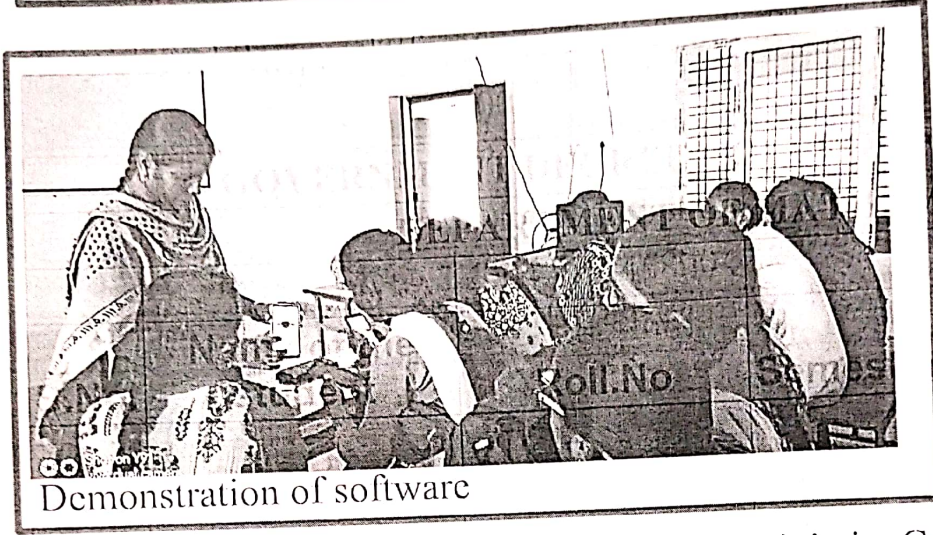
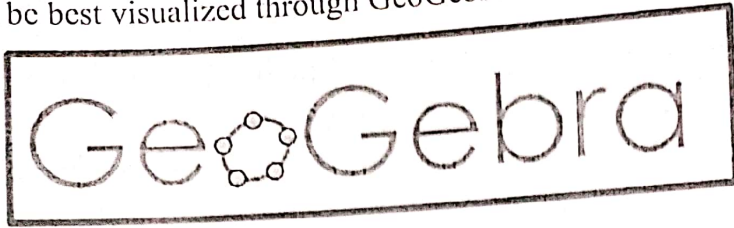
Department is maintaining its own website. Syllabus, Text books, previous question papers, video lessons, cocurricular activities are available in the website at student disposal. From the academic year 2021-22, puzzle corner has been introduced, puzzle question will be posted as and when possible and students have to submit the solution through given button



### GEOGEBRA

GeoGebra is the important software in mathematics which is freely available. Department faculty is extensively using this software to teach the students to make them understand three dimensional surfaces and two-dimensional plane curves. It is available in both android and desktop versions. Analytical solid

geometry is the course in the fifth semester consisting of Spheres, Cones and Conicoid these objects can be best visualized through GeoGebra software.



Demonstration of software

We have encouraged the following students to join in Geogebra software course through swayam mobile app platform

GOVERNMENT DEGREE COLLEGE FOR NALGONDA					
DEPARTMENT OF MATHEMATICS					
S.No.	Name of the student	Roll.No	Semester	Class	Course joined
1	B.Pragathi	20044012468042	IV	MPCS(A)	Applications of Geogebra
2	B.Chandana	20044012468024	IV	MPCS(A)	do
3	J.Sravanthi	20044012468115	IV	MPCS(B)	do
4	A.Anjali	20044012468005	IV	MPCS(A)	do
5	L.Renuka Devi	20044012441040	IV	MPC	do
6	D.Devika	20044012468071	IV	MPCS(B)	do
7	A.Gopika	20044012468009	IV	MPCS(A)	do
8	A.Nikhitha	20044012468004	IV	MPCS(A)	do
9	J.Poojitha	20044012468112	IV	MPCS(B)	do

10	V.Rohini	20044012468259	IV	MPCS(E)	do
11	V.Vennela sri	20044012468262	IV	MPCS(E)	do
12	A.Shireen	19044012468009	VI	MPCS(A)	do
13	A.Lavanya	19044012468012	VI	MPCS(A)	do
14	I.Shivashravya	19044012468111	VI	MPCS(A)	do
15	A.Kavya	19044012468008	VI	MPCS(A)	do
16	B.Shilpa	19044012468036	VI	MPCS(A)	do
17	D.Saraswathi	19044012468035	VI	MPCS(A)	do
18	K.Mamatha	19044012468142	VI	MPCS(D)	do
19	P.Haritha	19044012468226	VI	MPCS(C)	do
20	M.Soumya	19044012468167	VI	MPCS(C)	do
21	B.Sreelaxmi	19044012468292	VI	MPCS(E)	do
22	B.Pravalika	19044012468021	VI	MPCS(A)	do
23	CH.Soumya	19044012468070	VI	MPCS(B)	do
24	D.Pranathi	19044012468079	VI	MPCS(B)	do
25	G.Anusha	19044012468088	VI	MPCS(B)	do
26	CH.Pavani	19044012468068	VI	MPCS(B)	do
27	G.Pranitha	19044012468099	VI	MPCS(B)	do
28	T.Amulya	19044012468277	VI	MPCS(E)	do
29	A.Divya	19044012468006	VI	MPCS(A)	do
30	Mudireddy Bhargavi	20044012468169	IV	MPCS(C)	do
31	Gorla Lavanya	20044012468099	IV	MPCS(B)	do
32	Bhupathi Madhavi	20044012468030	VI	MPCS(A)	do
33	N.Pooja	19044012468202	VI	MPCS(D)	do
34	N.Shwetha	19044012468046	VI	MPCS(A)	do
35	B.Saidamma	19044012468046	VI	MPCS(A)	do
36	L.Deepika	19044012468154	VI	MPCS(C)	do
37	K.Nvayasri	19044012468128	VI	MPCS(C)	do
38	N.Sujatha	19044012468193	VI	MPCS(D)	do
39	K.Shivani	19044012468124	VI	MPCS(C)	do
40	P.Manasa	19044012468225	VI	MPCS(D)	do
41	A.kousalya	19044012468003	VI	MPCS(A)	do
42	P.Haritha	19044012468226	VI	MPCS(D)	do

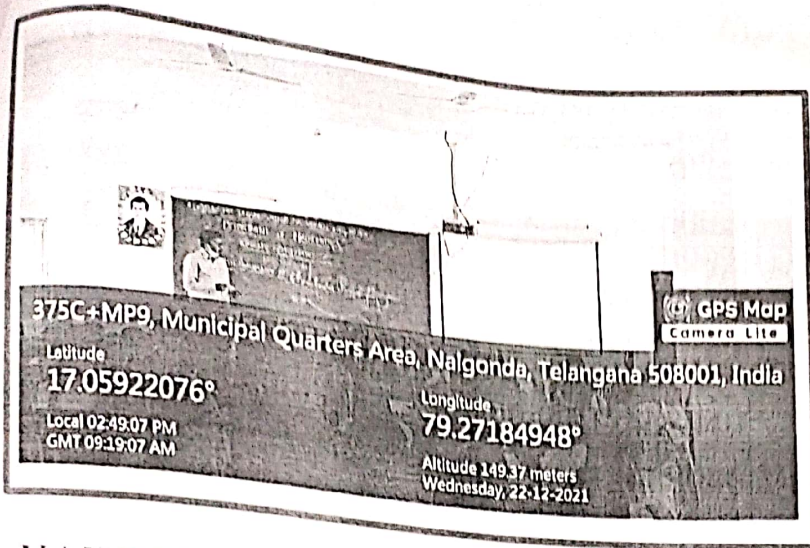
43	M.manasa	19044012468164	VI	MPCS(C)	do
44	M.Bhavani	19044012468180	VI	MPCS(C)	do
45	P.Shirisha	19044012468233	VI	MPCS(D)	do
46	Gattu sucharitha	20044012468095	IV	MPCS(B)	do
47	Komati Vaishnavi	20044012468144	IV	MPCS(C)	do
48	Koyagura Shivani	20044012468148	IV	MPCS(C)	do
49	Margam Ujwala	20044012468160	IV	MPCS(C)	do
50	Kambati sravani	20044012468123	IV	MPCS(C)	do
51	Swathi Gelamoni	20044012468096	IV	MPCS(B)	do
52	Endla saileela	20044012468080	IV	MPCS(B)	do
53	Dhandu parmesh	20044012468074	IV	MPCS(B)	do
54	Vempati Rohini	20044012468259	IV	MPCS(E)	do
55	Jajul Pojitha	20044012468112	IV	MPCS(B)	do
56	Sura Asmita	20044012468242	IV	MPCS(E)	do
57	Bobbali Hema	20044012468032	IV	MPCS(A)	do
58	Bobbali Maheshwari	20044012468033	IV	MPCS(A)	do
59	Jella Shivani	20044012468116	IV	MPCS(B)	do
60	Gogula Nithya	20044012468097	IV	MPCS(B)	do

## MOCK ENTRANCE TEST

In the Academic year 2021-22. Department of mathematics has organised Mock entrance test for M.Sc. (mathematics). This test was aimed to understand the pattern, model questions, marks distribution in CPGET examinations. E-certificates were given away for passed students. 58 students across the state were participated and 14 students received e-certificates.

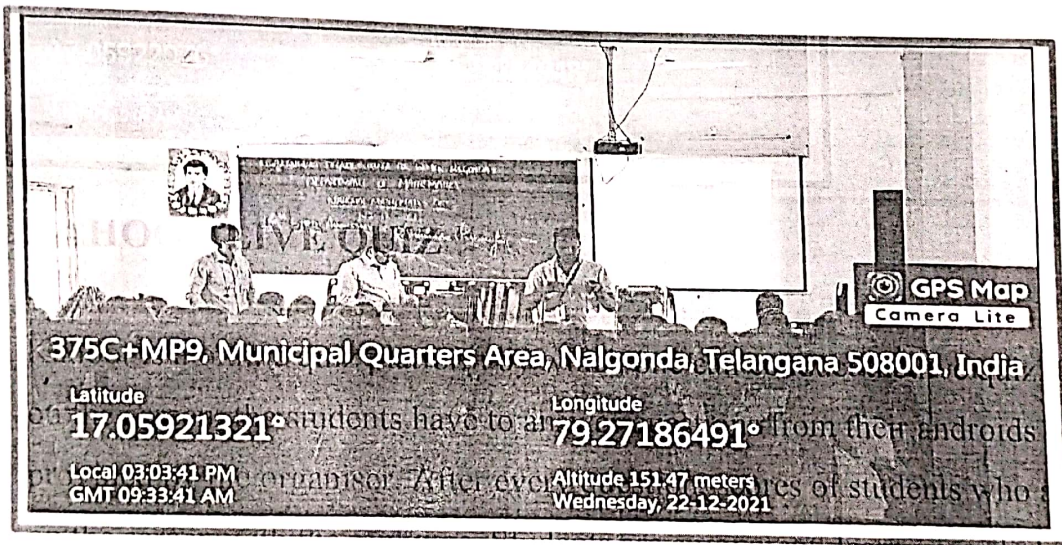
## MOVIE SHOW

To make students aware of contributions of great mathematician Srinivasa Ramanujan, Department is showing the film of Ramanujan titled "Srinivasa Ramanujan: The mathematician and His Legacy" produced by Nandan kudhyadi to students on the eve of national mathematics day. Following image is pic showing the movie.




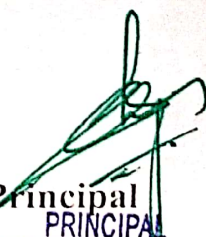
## KAHOOT LIVE QUIZ

Kahoot is an online quiz platform by which one can conduct the live quiz. Questions will be displayed on the screen, the students have to answer questions from their androids by entering the PIN number provided by the organiser. After every question, scores of students who are playing will be displayed on the screen with the rankings. Students are enjoyment, learning and playing go hand in hand by this activity.



Kahoot Quiz by Y. Sridhar Reddy Date:22-12-2021

  
 Signature of the In-charge  
 Department of Mathematics  
 Govt. Degree College for Women  
 Nalgonda.

  
 Principal  
 GOVT. WOMEN DEGREE COLLEGE  
 Ramagiri, NALGONDA.