## STUDENTS SEMINAR

The department of Mathematics & Statistics encouraged the students to actively participate in the seminar presentation. The presentation of seminar allows the students to increase the analytical skills of the subject. To present a seminar the student needs to have a good knowledge of the subject. This work helps the students to develop teaching and presentation skills.

#### Student seminar by





Student seminar by G Soujanya, MPC-III

Student seminar by P. Janshi, MPCs-III

### Study Projects

S. No.	Student Name	Topic
1		Information of Maths scientists
2		Logics in Mathematics
3		Different types in Multiplications
4		Maths Formulae
5		Ramanujan's Magic squares

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PHINCIPAL

Rivot. Degree College

WELL AREDDY,

## **Student Seminars:**

The department of Mathematics & Statistics encouraged the students to actively participate in the seminar presentation. The presentation of seminar allows the students to increase the analytical skills of the subject. To present a seminar the student needs to have a good knowledge of the subject. This work helps the students to develop teaching and presentation skills.

S No.	Name of Student	Group	Seminar topic
1	J AJAY	MPC-II	Separable Variable
2	NP RAJU	MPC-II	Integrating Factor
3	CH BHANUPRASAD	MPC-II	Bernoles Theorem
4	JANSI	MPCs-III	Cones
5	A. Baskar	MPC's-II	Groups
6	A.SRIKANTH	MPC-III	Matrix
7	G SOUJAYA	MPC-III	Sphere



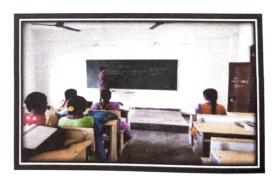
JANSI-MPCS-III YR



AJAY-MPC-II



G SOUJANYA-MPC-III



A SRIKANTH- MPC-III

# STUDENTS SEMINAR

The department of Mathematics & Statistics encouraged the students to actively participate in the seminar presentation. The presentation of seminar allows the students to increase the analytical skills of the subject. To present a seminar the student needs to have a good knowledge of the subject. This work helps the students to develop teaching and presentation skills.

#### Student seminar by





Student seminar by G Soujanya, MPC-III

Student seminar by P. Janshi, MPCs-III

# **Group Discussion**

This is a novel type of engaging the students during their leisure hours and to inculcate a sense of affiliation among them. Generally, the topics were of subject and a few belonged to General Science, Mathematics and Statistics. Always they were monitored by a student leader and possibly with the assistance of faculty member. Because of the varied opinions expressed by different students, all the participants used to get much information and wide exposure. This also helped the students to move in a group and made them to realize the importance of team work. They also helped them to acquire leadership qualities and ability of substantiating their statements.

# **Assignments**

To inculcate the study culture among the students, assignments were given periodically. An assignment makes the students to read and write the subject in a detailed way. It enables the students to have knowledge of the subject.

A number of assignments are given in each class.

S.No.	Year	Assignment topic
1.	B.SC I Year	1. Varaiable Separable Method     2. Integrating Factors     3. Integrating Factors     4. Previous Papers Questions Unit-I
2.	B.SC II Year	1.Sequences Theorem     2.Cauchys Theorem in Sequences     Previous Papers Questions Unit-I
3.	B.SC III Year	<ol> <li>Matrix Inverse Method</li> <li>Matrix Methods</li> <li>Eigen Value Problems</li> <li>Gauss Elimination Method</li> <li>Hamilton Theorem</li> <li>Jacobi Method</li> <li>Previous Papers Questions Unit-I</li> </ol>

## Remedial coaching

The faculty of department of Mathematics conducted several remedial coaching classes to the average and below average students. Marks scored by the students in the Telangana University exams were taken as criteria in the selection of the students for these classes. Internal tests conducted by the department were also taken into consideration for listing the students for remedial classes.

Important topics were explained to these students. Material was provided and needed guidance was given to these students. Even the good students sometimes attended these classes.

#### Remedial Classes:

Paper	No. of students attended	No. of students passed	% of pass
I	28	17	60.71%
II	22	15	68.18%
III	24	20	83.33%
IV	23	21	91.30%

The following methods have been using in teaching learning process

S.No.	Methods	S.No.	Methods
1	Charts	6	Extension Lectures.
2	PPTs	7	Assignments.
3	Group Discussions.	8	Seminars.
4	Quiz Programs.	9	Project Works.
5	Guest Lectures	10	Remedial Coaching.

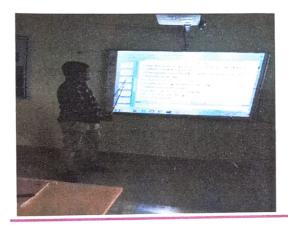
# **Assignments**

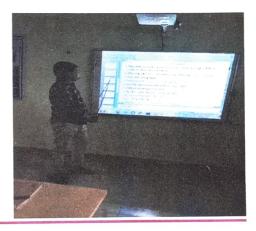
To inculcate the study culture among the students, assignments were given periodically. An assignment makes the students to read and write the subject in a detailed way. It enables the students to have knowledge of the subject.

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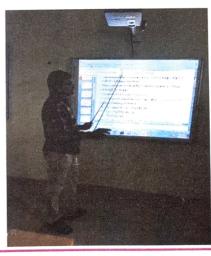












SI N o	Name of the GDC	Name of the Faculty	Designation	Subject	Topic	Video Lesson Prepar ed(Yes/ No)	Power Point Presentati on Prepared (Yes/No)	/Google	Durati on of Video Lesson
1	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Cosets-I	Yes	Yes	https://yo utu.be/iO 1Ng8PvI 10	17.47
2	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Cosets-II	Yes	Yes	https://yo utu.be/dZ xdWaoN gqU	25.07
3	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Homomar phism of Groups	Yes	Yes	https://yo utu.be/U wgNy64 nLW8	25.34
4	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Kenal of Homomar phism	Yes	Yes	https://yo utu.be/x VTX2Q2 SEiE	20 15
5	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	LDECC-I	Yes	Yes	https://yo utu.be/V hbSCDh Y9lw	31.36
6	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	LDECC-	Yes	Yes	https://yo utu.be/vp OihCY5	23.3
7	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Matrix Inverse Method	Yes	Yes	M6k https://yo utu.be/BJ mgO_8w	44.08
8	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Jacob's Method	Yes	Yes	https://yo utu.be/cs APF74s0	21.37
9	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Gauss Sedial Method	Yes	Yes	fk https://yo utu.be/HJ 892pycH	60 .18
10	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Gauss Serial Method	Yes	Yes	https://yo utu.be/HJ 892pycH	41.26
11	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Picards Method		Yes	Gs https://yo utu.be/9o 59bePI4I	
12	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Taylor's Method		Yes	https://yo utu.be/hh nzY_Bn	
13	GDC YELLAREDDY	G Sidduraju	Lecturer	Maths	Eulers Method	Yes	Yes	Ogw https://yo utu.be/g XIzOCW	20.22

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Email: gdc.yellareddy@gmzil.com

### GOVT.MODEL DEGREE COLLEGE, YELLAREDDY, Dist.KAMAREDDY-503122

Principal: . Dr.K.Praveen Kumar, M.Sc., Ph.D

Date: 01/99/2020.

#### NOTICE

The following lecturers have been drafted for Class Councilors. The concerned Lecturers are responsible for opted groups throughout their Education, in this regard they are further requested to attend the meeting in the Principal's Chamber on 01/09/2020. at 3.00 PM

S.No	Name of the Course	Name of the Lecturer	Designation	Signature
	B. Sc(MPC)-I Yr B. Sc(MPCs)-I Yr	G.SIDDU RAJU	Lect. In Maths	199
	B. Sc(MPC)-II Yr B. Sc(MPCs)-II Yr	K.HARIKRISHNA	Lect. In English	1814
	B. Se(MPC)-III Yr B.Se(MPCs)-III Yr	Smt. Y. REVATHI .	Lect. In Physics	9 000
04	B. Sc(BZC)-1 Yr	V.SHASHIDHAR	Lect. In Chemistry	Kurt
0.5	B. Sc(BZC)-I Yr	B.ARUN KUMAR	Lect. In Chemistry	64
	B. Sc(BZC)-II Yr	S.CHANDRAKANTH	Lect. In Botany	Doct -
97	B. Sc(BZC)-II Yr	V.SHIREESHA	Lect. In Botany	139
08	B. Sc(BZC)-III Y.r	CH.SHIVA PRASAD	Lect. In Zoology	Shirt
09	B. Sc(BZC)-III Yr	G.RANI	Lect. In Zoology	8
10	B.Com-I Yr	N.NAGANEEKA	Lect. In Commerce	Que
11	B.Com-II & III Yr	B.GANGA REDDY	Lect. In Commerce	Buteld
12	B.A (EPP)-I Yr B.A (HEP)-I Yr	B.KRISHNA PRASAD	Lect. In Economics	
	B.A (EPP)-II B.A (EPP)-III Yr	CH. VINAY KUMAR	Lect. In Public Admin	d ving kin
14	B.A (HEP)-II Yr B.A (HEP)- III Yr	Dr. M. KOTAIAH	Lect. In Economics	me



# Result analysis of Mathematics Department

# 2020-21

ACADEMIC YEAR	GROUP	Paper	No.of STUDENTS APPEARED	No. of STUDENTS PASSED	PASS PERCENTAGE
		ı	53	26	49.05%
		II	49	38	77.55%
2020-21	MPC &	III	57	48	84.21%
	MPCs	IV	57	56	98.24%
		V	23	20	86.95%
		VI	23	21	91.30%
TOTA	L				

### OFFICE OF THE CONTROLLER OF EXAMINATIONS



# Telangana University

DICHPALLY, NIZAMABAD 503 322 (T. S.)

(A State University Established under the Act No 28 of 2006, A.P.) Recognized by UGC under 20 and 12 (B) of UGC Act, 1956 According by NAAC with B. Grade **愛** 08461 325514 Fax±08461 222212

Date: 20-10-2020

## Dr. PATHA NAGARAJU

M.A., MBA, M.Phil., Ph.D. Controller of Examinations

To
The Principals
of UG Colleges under the jurisdiction of
Telangana University.

Sir / Madam,

Sub: EB/TU/NZB/2020: UG I, III, V Semester (Backlogs/Improvement) VI Semester (Regular) Theory Examinations – Sep/Oct – 2020 - Appointment of Examiner for Spot Valuation – Reg.

alcalcate at at

The following staff members of your college are appointed as Examiner for Spot Valuation of UG I, III, V - Semester (Backlogs/Improvement) and VI - Semester (Regular) Theory Examinations – Sep/Oct – 2020 of Telangana University

Sl. No.	Name of the Lecturer	Name of the College	Subject
1	B. NITHIN KUMAR	USHODAYA DC, BODHAN	Subject
2	P.RAM MOHAN REDDY	GDC, DHARPALLY	
3	B. NITHIN KUMAR	SRI VIJAYA SAI DC, BODHAN	
4,	D. LATHA	GDC, ARMOOR	
15	G. SIDDU RAJU	GDC, YELLAREDDY	
6	M. KRISHNA PRASAD	NISHITHA DC, NIZAMABAD	
7	R. SRINIVAS	CARE DC, NIZAMABAD	
8	G. SWAPNA	NALANDA (W) DC, NIZAMABAD	
9	S JYOTHI	NISHITHA CS DC, NIZAMABAD	
1()	J. RAVI KUMAR	NISHITHA DC, NIZAMABAD	
11	J. RAJENDER	SANDEEPANI DC, KAMAREDDY	MATRIEDA
12	D GUNDA REDDY	RK DC, KAMAREDDY	MATHEMATICS
13	B. REKHA	NISHITHA DC, NIZAMABAD	
14	T.NARAYANA SWAMY	SRSP DC, BALKONDA	
15	J KRISHNA	SSL DC, BANSWADA	
16	A. RAJENDER	GDC, KAMAREDDY	
17	P. BYULA	GDC, MORTHAD	
18	P. ANURADHA	S.V. DC, NIZAMABAD	
19	K SIDDIRAMULU	SRK DC, KAMAREDDY	
20	S. RADHIKA	NARENDRA (W) DG	
21	K. HANMANDLU	NARENDRA (W) DC, ARMOOR VASU DC, BODHAN	
22	D MAHESH	SAI SIDDHARTHA DC, BHEEMGAL	

66 Y. SINDOORA	TTWRDC (W), NIZAMABAD	
67 V DALA OTTANDO	SAI SIDDHARTHA DC, ARMOOR	MATHEMATICS

Hence, you are informed to relieve the above staff members on 21-10-2020. This is for your kind information.

**Controller of Examinations** 







51.No.: 2148/2021

Collegiate Lalucation Scied antica Educativ
Department, Sant, of Telanguaria

Awareness workshop
NIRF INDIA RANKINGS - 2021
for Higher Educational Institutions

CERTIFICATE

This is to certify that Prof./Dr./Mr./Ms. G SIDDURAJU, Lecturer in Maths, Government Degree College, Yellareddy has participated in the two day "Awareness workshop - NIRF INDIA RANKINGS - 2021 for Higher Educational Institutions" held on-line on 18th & 19th January 2021 by Institute for Academic Excellence in collaboration with Collegiate Education & Technical Education Department, Govt. of Telangana.



Director

Institute for Apademic Excellence



Commissioner
Collegiate Education 5 Technical Education
Department, Govt. of Telangana









SI.No.: 5780/2021

Transformation Through NAAC Accreditation Process A National Level Workshop for Higher Educational Institutions

# CERTIFICATE OF PARTICIPATION

This is to certify that Prof./Dr./Mr./Ms. G SIDDURAJU, LECTURER, MATHEMATICS, GOVERNMENT DEGREE COLLEGE YELLAREDDY has participated in the two day online workshop "Transformation Through NAAC Accreditation Process, A National Level Workshop for Higher Educational Institutions" held on 21st & 22nd June 2021 conducted by "Institute for Academic Excellence. Hyderabad" in collaboration with "Collegiate Education & Technical Education Department, Telangana State.



DIRECTOR
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COMMISSIONER
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# **Extension Lecture:**

Name of the Lecturer: B.PRASAD, Lecturer in Maths

Giriraj Govt.College(A), Nizamabad.

Topic:

Real Analysis, B. Sc-III Year





Name of the Lecturer: G. Gangadhar, Lecturer in Maths

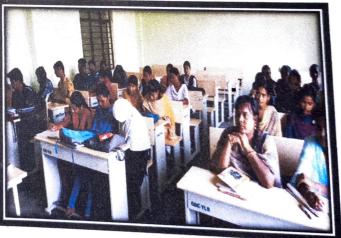
Giriraj Govt.College(A), Nizamabad.

**Topic:** 

ReaL Analysis, B. Sc-II Year

Date:



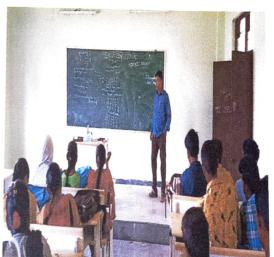


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# **EXTENSION LECTURES**

S. NO.	SPEAKER	TOPIC	DATE
5	J. Pashupathi, Lecturer, GDC, Medak	Vector spaces ; Rank- Nullity Theorem	30-10-2019





Guest lecturer by J.Pashupathi, GDC,Medak

SA

### Government Degree College – Yellareddy Department of Maths Action Plan 2020-2021

Month & Year	Title of Activities				
Auguest-2020	Online Classes due to Covid-19 & Admission work				
	1. Preparation of Annual curriculum Plan, Time table				
September 2020	2. Preparation of Attendance Registers				
	3. Attending Admission work as per Dost Guidelines				
	4. Counselling students about the available courses in BA/B.Com/ B. Sc-				
	<ul><li>1 yr combination.</li><li>5. Suggesting students as to how to opt for web options.</li></ul>				
	1. Allocation of Assignments to the I & II Year students.				
October 2020	2. Facilitation of students to build awareness about the college				
000000000000000000000000000000000000000	regulations, facilities and discipline in the college.				
	3. Orientation to the students of All groups regarding syllabus &				
	Examination and to explain the CBCS and internal assessment system in				
	detail.				
November 2020	1. To conduct Internal Tests.				
	2. Planned to organise an Extension Lecture				
	3. Planning to organise a Motivational Lecture to students to attend the				
D 1 2020	all subject classes regularly.				
December 2020	1. Reviewed and Coverage of syllabus				
2001	2. Planning for field trip				
January 2021	1. Departmental syllabus completion Meeting to review the syllabus				
	completion.  2.Preparing students for semester Exams of TU				
	3. Planning to conduct Jignasa Project study				
February 2021	1. Advance intimation given to students with regard to II Internal Tests.				
1 coldary 2021	2. Collecting feedback from students.				
	3. Planning for conduct student study project				
March, 2021					
March, 2021	.1. Planning the Unit wise syllabus for completing as per the Telangana University through the DAA Cell office.				
	Oniversity unough the DAA Cen office.				
April, 2021	Planning for students Group Discussion				
	1.1 familing for students Group Discussion				
June, 2021	1.Student assignments				
	2. Revision of subjects.				
July, 2021	2. Review meeting on syllabus completion				
	C say and a samplement				
August, 2021	2. Student seminars, Group Discussion and quiz.				
	.2. Suggesting students as to how to opt for web options.				
Contombon 2021					
September, 2021	3. Undertaking the admission work.				
	4. Preparation of time table for the ensuing semester.				

Department of Maths

PRINCIPAL PHINCIPAL Gvot. Degree College YELLAREDDY, Diet KAMAREDDY

### **DEPARTMENTAL INFRASTRUCTURE**

#### Mathematics Department has:

- One Staff room
- Chairs-02
- ❖ Tables-02
- Almaraha-01
- Steel Rack-01
- Charts, models
- Departmental Library with Notes
- One computer & Printer

# **Departmental Library**

Reference books: 06

Text Books

Study Materials : 20

: 06 Note Books

# Succession List of Mathematics Department

### **Eminent Lecturers**:

1. G. Siddu Raju

Working in this College From: 15-12-2010 to Till Today Working in this department and rendered of valuable services.

# DETAILS OF PRESENT FACULTY MEMBERS

THE RESERVE OF THE PARTY OF THE						
S.NO	NAME OF THE FACULTY	DESIGNATION	QUALIFICATION	GENDER	AGE	
4		Lecturer in Mathematics &	M.Sc., M.Phil.,	Male	41 yrs	
1		Incharge		(K	Dens	

# Additional Responsibilities Government. Degree College, Yellareddy, Dist. Kamareddy Committees for the year - 2020-2021.

# 1). ACADEMIC AND EXMINATIONS COMMITTEE.

- G Siddu Raju
- 4. A Hari Krishna
- B.Ganga Reddu
- 5. Suresh Reddy

### 2). TIME TABLE COMMITTEE

- 1. B.Krishna Prasad
- 4. B.Arun Kumar
- 2. N Naganeeka
- 5. G Sidduraju
- 3. S Chandrakanth

## 3). STUDENTS WELFARE./ SCHOLARSHIPS

- 1.Ch. Vinay Kumar
- 4. G Siddu Raju
- 2. N Naganeeka
- 5. A Hari Krishna
- 3. B.Santhosh

#### LITERARY ASSOSCIATION & CULTUFRAL ASSOCIATION 4).

- 1. S Chandra Kanth
- 4. G Sidduraju
- 2 B. Krishna Prasad
- 5. B. Ganga Reddy
- 3. V.Shireesha

### 5). ALUMNI ACTIVITIES.

- 1. G Siddu Raju
- 4. S Chandra Kanth
- 2. K Suresh Reddy
- 5. B.Krishna Prasad
- 3. B.Ganga Reddy

### 6). NSS COMMITTEE.

- 1. Dr. K Praveen Kumar Principal Chairman
- 4. G.Rani

2. Unit – I B.Krishna Prasad

5. V.Shashidhar

Unit - II N Naganeeka

### 7). LIBRARY COMMITTEE

- 1. B.Krishna Prasad
- 4. B. Arun Kumar
- 2. Ch Vinay Kumar
- 5. K Suresh Reddy
- 3. G Siddu Raju

## 08). SEPCIAL FEE AND LAB FEE COMMITTEE.

- 1. G. Siddu Raju
- 4. S. Chandra Kanth
- 2. B.Ganga Reddy
- 5. B Naresh

#### 3. V Shashidhar

### 09). SELF FINANCE COMMITTEE

- 1. G Siddu Raju 2.
- 4. CH. Vinay Kumar
- B.Ganga Reddy B. Naresh
- 5. V.Shashidhar

#### 10). DR. B.R.AMBEDKAR OPEN UNIVERSITY COMMITTEE.

- 1. Dr. K. Praveen Kumar Coordinator
- 2. B. Gangareddy convener
- 3. B. Krishna Prasad Member
- G. Siddu Raju Member

#### 11). IQAC Committee

- G Siddu Raju
- 2. S Chandra Kanth
- 3. K Suresh Reddy
- 4. B.Ganga Reddy
- 5. N Naganeeka
- 6. Krishna Prasad
- 7. B. Arun Kumar

#### 12). Scholarship Committee.

- 1. Ch. Vinay Kumar
- 3. G.Siddu Raju
- 5. A.Hari Krishna

- 2. B.Ganga Reddy
  - 4. K.Suresh Reddy
  - 6. B.Santhosh

#### 13). Purchase Committee

- 1. G.Siddu Raju
- 3.V .Shashidhar
- 2. B. Ganga Reddy
- 4. B. Naresh

#### 14). Green Audit Committee

- 1. V.Shireesha
- 2. All staff Members