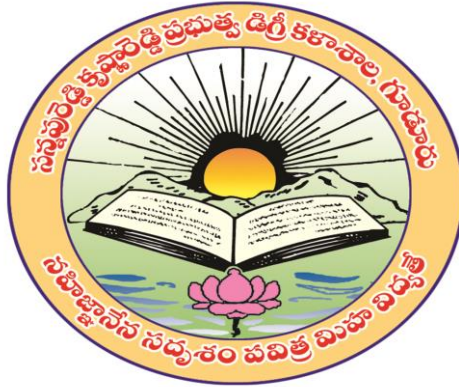


SKR GOVT. DEGREE COLLEGE Gudur, Tirupati Dt.

Department of Mathematics



CRITERION WISE REPORT
(2019-20)

1. Curricular Aspects

The department has to adopt the curriculum designed by Andhra Pradesh State Council of Higher Education, Mangalagiri, Guntur(Dt) and Prescribed by Vikrama Simhapuri university, Nellore. The Revised syllabus under CBCS framework was implemented from 2016-17. The students are given choice based elective and cluster papers which they wish to learn. Implemented the courses like Leadership Management, Entrepreneurship, Soft and communication skills to enhance the skill and entrepreneurship attitude. As per the academic calendar of the V.S. university semester wise curricular plan is prepared at the beginning of the semester. Daily classes data is reported in Teaching diary. The teaching plan is also prepared every month as per the semester wise curricular plan. Course Objectives and outcomes, Programme outcomes are prepared and placed in the website. Student Feedback system for students have been implemented on various areas i.e., Feedback on course for the improvement of course content, Feedback on faculty to analyze faculty performance and Parents Feedback for overall constructive development of the institution.

DEPARTMENT PROFILE

Name of the Department	Year of Establishment	No. of Sanctioned Posts	No.of Persons Working
MATHEMATICS	1965	01	01 (Contract Faculty)

STAFF DETAILS

S.No	Name of the Teacher	Qualification	Specialization	Date of Entry into Service
1.	Smt Y.V.Suneeta	M.Sc	Mathematics	15/10/2007

2. Teaching-Learning and Evaluation

B.Sc MPCs – Academic year 2019-2020

List of students

S.No.	Name of the student	Hall Ticket Number	Group
I-B.Sc			
1.	Ch. Venkateswarlu	193129001	MPC
2.	Ch. Naveen	193129002	MPCS
3.	G. Venkateswarlu	193129003	MPCS
4.	J.Ganesh	193129004	MPCS
5.	Sk. Akhila	193129005	MPCS
II-B.Sc			
1.	K.Sreenivasulu	183129001	MPCS
2.	P.Nissi (W)	183129002	MPCS
3.	P.Venkaiah	183129003	MPCS
4.	S.Vinodh	183129004	MPCS
5.	Y.Sasi Kumar	183129005	MPCS
III-B.Sc			
1.	D.Yedukondalu	173129001	MPCS
2.	G.Gowtham Kumar	173129002	MPCS
3.	M.Govardhan	173129003	MPCS
1.	N.Sasi kumar	173129004	MPCS

BRIDGE COURSE

2019--2020

The Bridge course for I B.SC (M.P.CS) students on “Fundamentals of Calculus and Trigonometry” was conducted from 05.07.2019 to 15.07.2019.

S.no	Academic year	Name of the Lecturer	Group	No. of students attended	No.of classes conducted
1	2018-2019	Smt Y.V.Suneeta	B.SC(MPCS)	6	8

Topics covered under Bridge Course on **Fundamentals of Calculus and Trigonometry**

1. Differentiation concepts and formulae
2. Integration concepts and formulae
3. Trigonometry concepts and formulae
4. Problems on Differentiation
5. Problems on Integration
6. Problems on Trigonometry

Grouping of Students into Slow, Moderate and Advanced learners 2019-2020

S.NO	Name of the student	Hall Ticket Number	Group	Mode of Learner
I B.Sc				
1.	G. Venkateswarlu	193129001	MPC	Moderate
2.	Ch. Naveen	193129002	MPCs	Moderate
3.	G. Venkateswarlu	193129003	MPCs	Moderate
4.	J . Ganesh	193129004	MPCs	Advanced
5.	Sk. Akhila	193129005	MPCs	Slow
II B.Sc				
1.	K.Sreenivasulu	183129001	MPCs	Moderate
2.	P.Nissi (W)	183129002	MPCs	Advanced
3.	P.Venkaiah	183129003	MPCs	Slow
4.	S.Vinodh	183129004	MPCs	Moderate
5	Y.Sasi Kumar	183129005	MPCs	Moderate
III B.Sc				
1.	D.Yedukondalu	173129001	MPCs	Slow
2.	G.Gowtham Kumar	173129002	MPCs	Slow
3.	M.Govardhan	173129003	MPCs	Advanced
4.	N.Sasi kumar	173129004	MPCs	Advanced

Social Status : 2019-2020

S.NO	Name of the student	Hall Ticket Number	Group	Mode of Learner
<i>I B.Sc</i>				
1.	CH. Venkateswarlu	193129001	MPC	SC
2.	Ch. Naveen	193129002	MPCs	ST
3.	G. Venkateswarlu	193129003	MPCs	ST
4.	J . Ganesh	193129004	MPCs	ST
5.	Sk. Akhila	193129005	MPCs	BC-E
<i>II B.Sc</i>				
1.	K.Sreenivasulu	183129001	MPCs	SC
2.	P.Nissi	183129002	MPCs	BC-C
3.	S.Vinodh	183129004	MPCs	BC
4.	Y.Sasi Kumar	183129005	MPCs	ST
<i>III B.Sc</i>				
1.	D.Yedukondalu	173129001	MPCs	BC-A
2.	G.Gowtham Kumar	173129002	MPCs	BC-A
3.	M.Govardhan	173129003	MPCs	SC
4.	N.Sasi kumar	173129004	MPCs	ST

Class room activities for the Academic Year 2019-2020

Sem I, III & V

S. No	Group	SEM	Mode of activity	Date	Topic
1.	B.Sc	III	Class Test	18.06.19	Abelian Group
2.	B.Sc	V	Assignment	21.06.19	Eigen Values
3.	B.Sc	V	Class Test	24.07.19	Cayley Hamilton Theorem
4.	B.Sc	III	Class Test	21.07.19	Permutation Group
5.	B.Sc	I	Class Test	26.07.19	$F(D)y=0$
6.	B.Sc	V	Class Test	27.07.19	Normal form
7.	B.Sc	V	Internal Exam	01.08.19	Inner Product space
8.	B.Sc	III	Internal Exam	05.08.19	First and Second Units
9.	B.Sc	I	Internal Exam	03.08.19	First and Second Units
10.	B.Sc	V	Class Test	08.08.19	Echilon form
11.	B.Sc	III	Class Test	06.09.19	Subgroup
12.	B.Sc	III	Class Test	13.09.19	Cyclic group
13.	B.Sc	I	Class Test	16.09.19	Exact DE
14.	B.Sc	III&V	Internal Exam	26.09.19	Unit4
15.	B.Sc	I	Internal Exam	11.10.19	Unit 3
16.	B.Sc	I	Class Test	15.10.19	Legendre equations
17.	B.Sc	From 06.11.2019 to 28.11.2019 I, III & V Semesters University Exams			

Sem II, IV & VI

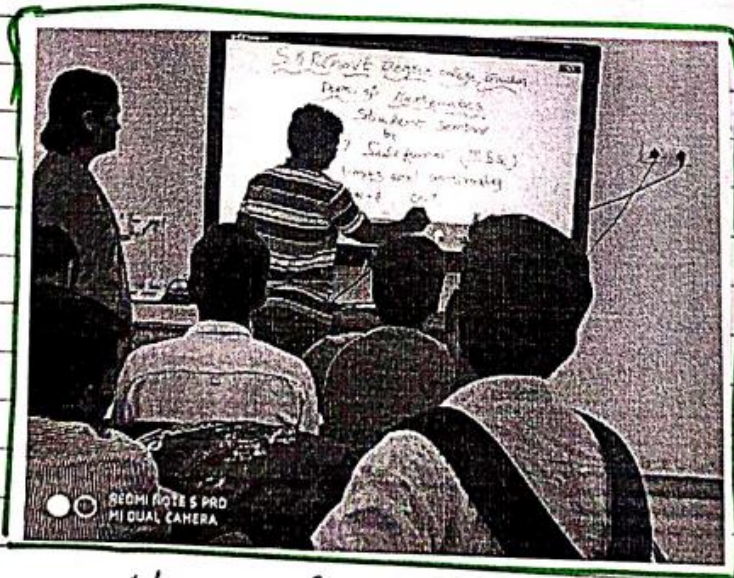
S. No	Group	SEM	Mode of activity	Date	Topic
1	B.Sc	VI	Assignment	07.12.19	Grad, Div and Curl
2	B.Sc	IV	Assignment	09.12.19	Continuity
3	B.Sc	VI	Class Test	11.12.19	Operators
4	B.Sc	II	Class Test	31.12.19	Bisector Planes
5	B.Sc	II	Assignment	24.12.19	Pair of planes
6	B.Sc	VI	Assignment	27.12.19	Vector integration
7	B.Sc	IV	Class Test	03.01.20	Derivatives
8	B.Sc	II, IV & VI	Internal	10.01.20	Unit1
9	B.Sc	VI	Class test	20.01.20	Gauss Divergence Th
10	B.Sc	VI	Class Test	29.01.20	Greens Theorem
11	B.Sc	IV	Assignment	31.01.20	Stokes Theorem
12	B.Sc	II	Assignment	31.01.20	Limiting points
13	B.Sc	II	Class Test	29.01.20	Shortest Distance
14	B.Sc	IV	Class Test	29.01.20	Mean Value Theorems
15	B.Sc	II, IV & VI	Internal exam	03.02.20	Unit4
16	B.Sc	II	Class Test	13.02.20	Great Circle
17	B.Sc	IV	Class Test	13.02.20	Series
18	B.Sc	VI	Class Test	13.02.20	Vector Integration
19	B.Sc	II	Assignment	16.02.20	Cylinder
20	B.Sc	IV	Assignment	16.02.20	Riemann Integration
V.S University I, III, V semesters exams commenced from 26/03/2020 (But Postponed)					

2019 - 2020

Department of Mathematics
Student seminars

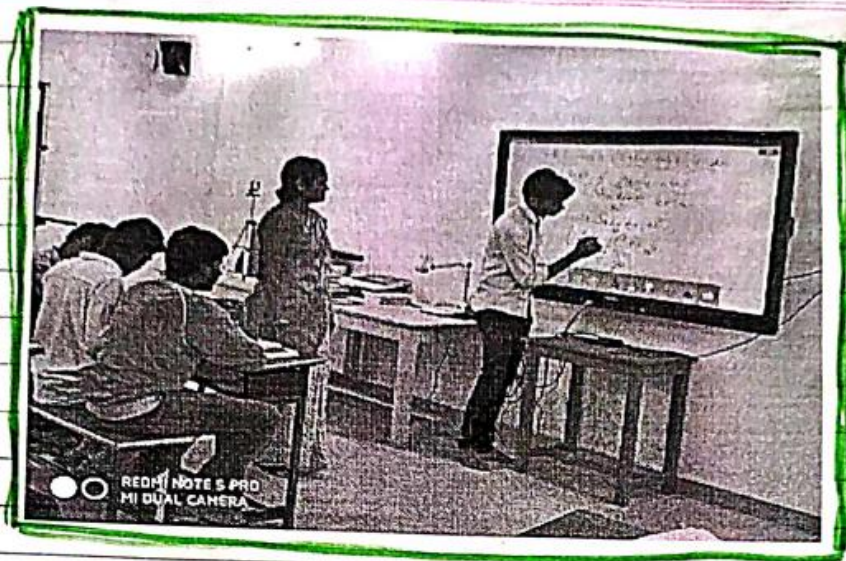


Name of The student : G. Venkatesw
Group : 1st Bsc CMPS
paper : I
Topic : Differential calc
Date : 15/02/2020



Name of The Student : Y. Sai Kumar
Group : 2nd Bsc CM
paper : IV
Topic : Continuity
Date : 18/02/2020

2019 - 2020



Name of the Student : N. Sasi Kumar

Group : 3rd B.Sc (MPes)

Paper : VII

Topic : Laplace Transform

Date : 13/02/2020

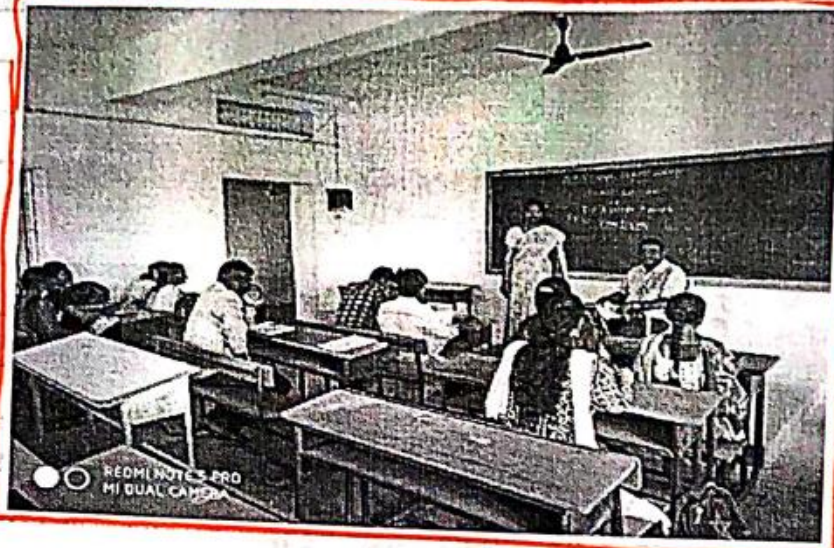
Signature of the
Lecturer

Principal

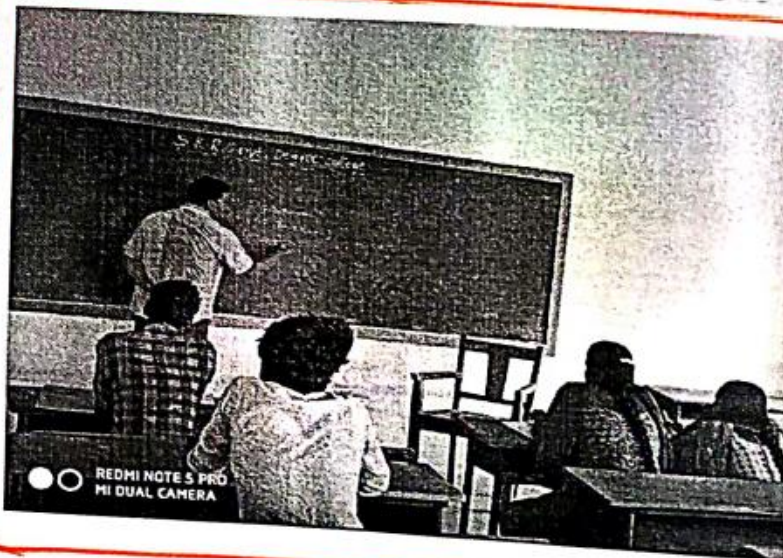
Signature of the Students:-

1. N. Sasi Kumar
2. M. G. Vaidyanathan
3. G. Govind Kumar
4. P. Nissar
5. S. Vinod
6. K. Srinivasu
7. Y. Sasi Kumar
8. G. Venkateshwar
9. J. Ganesh Praneesh

Department of Mathematics
Guest Lecture program : 2019-2020



Sri. A.V. Kishor Kumar
(S.V. Arts & Science College, Gudur)



Topic : Analytical Skills (Fractions)

A Guest lecture is arranged
25/02/2020 the timings from 11:00 am to
1:00 pm for the I, II, III B.Sc students (CMPC &
-MPC) Students the topic is "Analytical Skills"
(fractions) at IIIrd B.Sc class room
The following students are attended.

YUS - 100
Sign of the lecturer
Principal

Signature of The Students

1. N. Satikumar
2. M. Gorardham
3. G. Gowtham Kumar
4. P. Nishi
5. S. Vinod.
6. K. Prithvika
7. Y. Satikumar
8. T. Ganesh
9. Ch. Ganesh
10. Sk. Akhila

Quiz programme - 11

2019-2020

Questions:

- ① Who was the first Mathematician of India?
- ② Who introduced Symbol for zero?
- ③ What is the ROMAN numeral for 50?
- ④ What is the formula for Simple Interest
- ⑤ What is $\frac{1}{0.04} = ?$
- ⑥ Where is Ramanujan Institute of mathematics
- ⑦ How many squares Are there in this diagram?



(14)

- ⑧ $A:B = 3:4$; $B:C = 8:9$; What is $A:B:C$?
- ⑨ How many corners Are there in a cube? (8)
- ⑩ the longest chord that can be drawn in a circle of radius 5 cm is? (10 cm)

A quiz program is conducted for
I II III Bsc Student's on 25-2-2020
class room. the following Students
Are participated in the program.

Team - A

I Bsc : J. Ganesha , G. Venkateshwarly ,
SK. Akhila

Team - B

II Bsc : P. Nissi , S. Vinod , Y. Sasi
Kumar, K. Sreenu

Team - C

III Bsc : M. Govardhan, N. Sasi Kumar
G. Gowtham Kumar

WINNER TEAM : B

Full Signature of Students :

1. P. Nissi
2. S. Vinod
3. Y. Sasi Kumar
4. K. Srinivasulu
5. M. Govardhan
6. N. Sasi Kumar
7. G. Gowtham Kumar
8. J. Ganesha.
9. G. Venkateshwarly.

Teacher
Signature

Principal

Report on Evaluation process and reforms

- 1.The department is conducting slip tests frequently.
2. The department is conducting two internals for semester.
- 3.Assignments are giving frequently to students to create interest in the subject
- 3.The department is participating in VS University summative evaluation.
- 4.The department is maintaining Marks register and Results analysis register.

Department of Mathematics

V. S. University Result: 2019-2020

S. No	Group	Semester	Paper	No. of Students Appeared	Passed	Result
1	I B.Sc(MPCS)	First	I	04	02	50%
2	I B.Sc(MPCS)	Second	II	04	03	75%
2	II B.Sc(MPCS)	Third	III	04	02	50%
3	II B.Sc(MPCS)	Fourth	IV	04	03	75%
4	III B.Sc(MPCS)	Fifth	V	03	02	67%
5	III B.Sc(MPCS)	Fifth	VI	03	02	67%
6	III B.Sc(MPCS)	Sixth	VII	03	03	100%
7	III B.Sc(MPCS)	Sixth	VIII(A)	03	03	100%
8	III B.Sc(MPCS)	Sixth	VIII(B)	03	03	100%
9	III B.Sc(MPCS)	Sixth	VIII©	03	03	100%

3. Teacher Profile

1.	Name of the Lecturer	Smt Y.V.Suneetha
2.	Qualification	M.Sc.
3.	Area of Research	No
4.	Number of Research Papers	Nil
5.	University in Which Studied	Padmavati University
6.	Date of Joining as Lecturer	15.10.2007
7.	Direct/Promotion	Contract Basis
8.	Place of First Appointment	DKW College, Nellore, SPSR Nellore Dt.
9.	Date of Retirement	--
10	Date of Joining in the Present Station	16.09.2016
11	Total Service	11 years
12	Number Refresher Courses Attended	Nil
13	Number Orientation Courses Attended	Nil
14	Number of Seminars/ Workshops Attended	8

4. Infrastructure and Learning Resources

I. Physical facilities:

1. Having one Computer with internet facility
2. Department Library

II. Learning Resources:

1. The Department provides books, learning materials, PPTS, competitive exams material, PG entrance material which enables students to acquire information and improve knowledge.
2. Old question papers, syllabus, paper clippings are available in the department.

5.STUDENT SUPPORT AND PROGRESSION

- 1.The department is maintaining the ward system counselling record.
- 2.Supporting activities are conducting to the advanced and slow learners.
- 3.Giving the financial support to merit and poor students
- 4.Frequently contacting the parents towards the progress of the students
- 5.Maintaining the student profiles record.
- 6.Study material for university exams, competitive exams are available in the department and guiding students for higher education and competitive examinations.

Details of Students who went to higher education during 2019-20

S.No	Name of the student	Programme graduated from	Name of the institution joined	Name of programme admitted to
1	M.Govardhan	III B.Sc(MPCS)	VSU PG centre, Kavali	M.Sc(Physics)
2	N.Sasi Kumar	III B.Sc(MPC)	VSU campus, Nellore	M.Sc(Physics)

6.Governance, Leadership and Management

Participation in Institutional Governance and Leadership

S.NO	Institutional Committee	Convener/Member
1.	Eco club	Member
2.	Women Empowerment cell	Member
3.	Attendance	Member
4.	College Campaigning Committee	Member
5.	Ward System Counseling	Member
6.	Students Union Committee	Member
7.	Fine Arts Committee	Member
8.	NSS Committee	Member

7.Best practices

- 1.** The Department extended financial support to the economically and socially backward students for academic purposes.
- 2.** The Department made a decision to give a cash prize award to the final year student who performed best in the subject in degree course.

In respect of this M.Govardhan, Hall ticket No. 173129003, III B.Sc (MPCs) was given cash prize award for his best performance in the subject for the academic year 2019-2020.