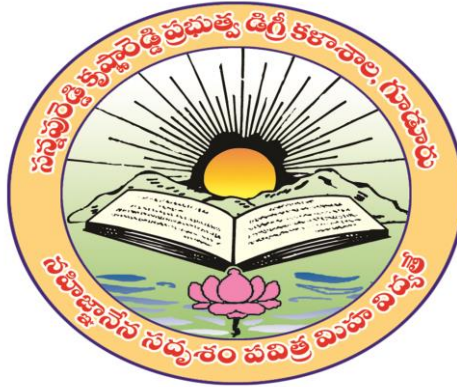


SKR GOVT. DEGREE COLLEGE Gudur, Tirupati Dt.

Department of Mathematics



CRITERION WISE REPORT
(2017-18)

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. The department is providing additional inputs related to curriculum during the academic year. 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	Specialisation	Date of Entry into Service
1.	Smt Y.V.Suneeta	M.Sc	Mathematics	15/10/2007

2.Teaching-Learning and Evaluation

Student Enrollment (2017-2018)

S.NO	Name of the student	Hall Ticket Number	Group
<i>I B.Sc</i>			
1.	D.Yedukondalu	173129001	MPCs
2.	G.Gowtham Kumar	173129002	MPCs
3.	M.Govardhan	173129003	MPCs
4.	N.Sasi kumar	173129004	MPCs
<i>II B.Sc</i>			
1.	CH.Venkatesh	163129001	MPCs
2.	D.Suresh	163129002	MPCs
3.	R.Prasad	163129006	MPCs
<i>III B.Sc</i>			
1.	M.Geetha	153129002	MPC
2.	T.Jaya Surya	153129003	MPC
3.	E.Vinay Teja	153129004	MPCs
4.	K.Sisindri	153129006	MPCs
5.	R.Rajeswari	153129010	MPCs
6.	SK.Khaleel	153129011	MPCs

BRIDGE COURSE

2017--2018

The Bridge course for I B.SC (M.P.CS) students on “Fundamentals of Calculus and Trigonometry” was conducted from 07.07.2017 to 17.07.2017.

S.no	Academic year	Name of the Lecturer	Group	No. of students attended	No.of classes conducted
1	2017-2018	Smt Y.V.Suneeta	B.SC(MPCS)	5	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

Catering of student diversity
Grouping of Students into Slow, Moderate and Advanced learners
2017-2018

S.NO	Name of the student	Hall Ticket Number	Group	Mode of Learner
<i>I B.Sc</i>				
1.	D.Yedukondalu	173129001	MPCs	Slow
2.	G.Gowtham Kumar	173129002	MPCs	Slow
3.	M.Govardhan	173129003	MPCs	Slow
4.	N.Sasi kumar	173129004	MPCs	Moderate
<i>II B.Sc</i>				
1.	CH.Venkatesh	163129001	MPCs	Advanced
2.	D.Suresh	163129002	MPCs	Moderate
3.	R.Prasad	163129006	MPCs	Moderate
<i>III B.Sc</i>				
1.	E.Vinay Teja	153129004	MPCs	Slow
2.	T.Jaya Surya	153129005	MPCs	Slow
3.	K.Sisindri	153129006	MPCs	Moderate
4.	R.Rajeswari	153129010	MPCs	Moderate
5.	SK.Khaleel	153129011	MPCs	Moderate
6	M.Geeta	153129002	MPCs	Moderate

Class room activities for academic year 2017-2018

S. No	Group	SEM	Mode of activity	Date	Topic
1.	B.Sc	V	Class Test	28.06.17	Ring examples
2.	B.Sc	III	Class Test	03.07.17	Abelian group
3	B.Sc	III	Assignment	11.07.17	One step test
4	B.Sc	III	Assignment	17.07.17	Two step test
5	B.Sc	V	Assignment	19.07.17	Echilon form
6	B.Sc	I	Class Test	21.07.17	Exact equation
7	B.Sc	V	Class Test	25.07.17	Normal form
8	B.Sc	III	Class Test	25.07.17	Lagrange theorem

1	B.Sc	V	Class Test	22.08.17	Rank Nullity Theorem
2	B.Sc	III	Assignment	22.08.17	Cayley theorem
3	B.Sc	I,III,V	I-Internal Exam	23.08.17	Internal Exams

1.	B.Sc	V	Assignment	04.09.17	subspace theorem
2	B.Sc	I	I Internal Exam	12.09.17	Internal exam
3	B.Sc	I	Assignment	13.09.17	$F(D)y=\sin(x)$
4.	B.Sc	III	class test	24.10.17	Permutation group
5	B.Sc	V.S University I,III,V semesters exams from 15.11.17 to 08.12.2017			

1	B.Sc	IV	Class Test	12.12.17	continuity
2	B.Sc	IV	Assignment	11.01.18	derivatives
3	B.Sc	VI	Class Test	23.01.18	Vector differentiation
4	B.Sc	IV	Class Test	29.01.18	Mean value theorems
5	B.Sc	VI	Class Test	08.02.18	Gauss Divergence theorem
6	B.Sc	IV	Class Test	12.02.18	Series
7	B.Sc	IV&II	I Internal Exam	16.02.18	Internal exam
8	B.Sc	VI	Class Test	27.02.18	Greens Theorem
9	B.Sc	II	Class Test	28.02.18	planes
10	B.Sc	II	Class Test	03-03-18	Pair of Planes

Class room activities for academic year 2017-2018

S. No	Group	SEM	Mode of activity	Date	Topic
1.	B.Sc	V	Class Test	28.06.17	Ring examples
2.	B.Sc	III	Class Test	03.07.17	Abelian group
3	B.Sc	III	Assignment	11.07.17	One step test
4	B.Sc	III	Assignment	17.07.17	Two step test
5	B.Sc	V	Assignment	19.07.17	Echilon form
6	B.Sc	I	Class Test	21.07.17	Exact equation
7	B.Sc	V	Class Test	25.07.17	Normal form
8	B.Sc	III	Class Test	25.07.17	Lagrange theorem

1	B.Sc	V	Class Test	22.08.17	Rank Nullity Theorem
2	B.Sc	III	Assignment	22.08.17	Cayley theorem
3	B.Sc	I,III,V	I-Internal Exam	23.08.17	Internal Exams

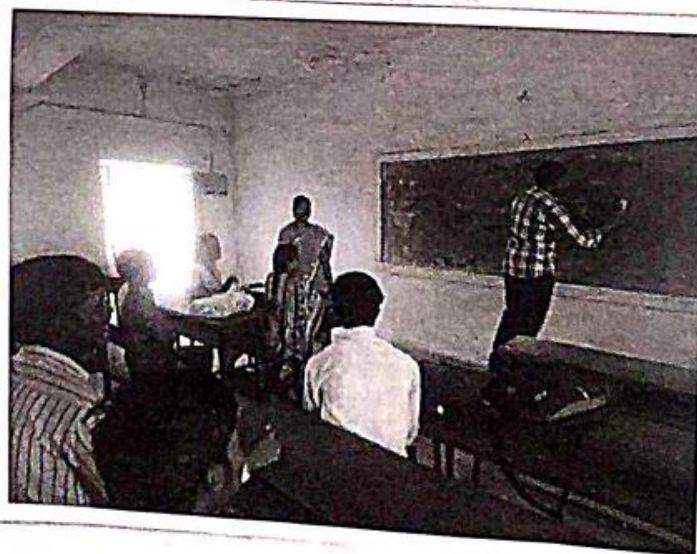
1.	B.Sc	V	Assignment	04.09.17	subspace theorem
2	B.Sc	I	I Internal Exam	12.09.17	Internal exam
3	B.Sc	I	Assignment	13.09.17	$F(D)y=\sin(x)$
4.	B.Sc	III	class test	24.10.17	Permutation group
5	B.Sc	V.S University I,III,V semesters exams from 15.11.17 to 08.12.2017			

1	B.Sc	IV	Class Test	12.12.17	continuity
2	B.Sc	IV	Assignment	11.01.18	derivatives
3	B.Sc	VI	Class Test	23.01.18	Vector differentiation
4	B.Sc	IV	Class Test	29.01.18	Mean value theorems
5	B.Sc	VI	Class Test	08.02.18	Gauss Divergence theorem
6	B.Sc	IV	Class Test	12.02.18	Series
7	B.Sc	IV&II	I Internal Exam	16.02.18	Internal exam
8	B.Sc	VI	Class Test	27.02.18	Greens Theorem
9	B.Sc	II	Class Test	28.02.18	planes
10	B.Sc	II	Class Test	03-03-18	Pair of Planes

Student Seminar 2017-18



R. Rajeswari
III B.sc (MPCS)



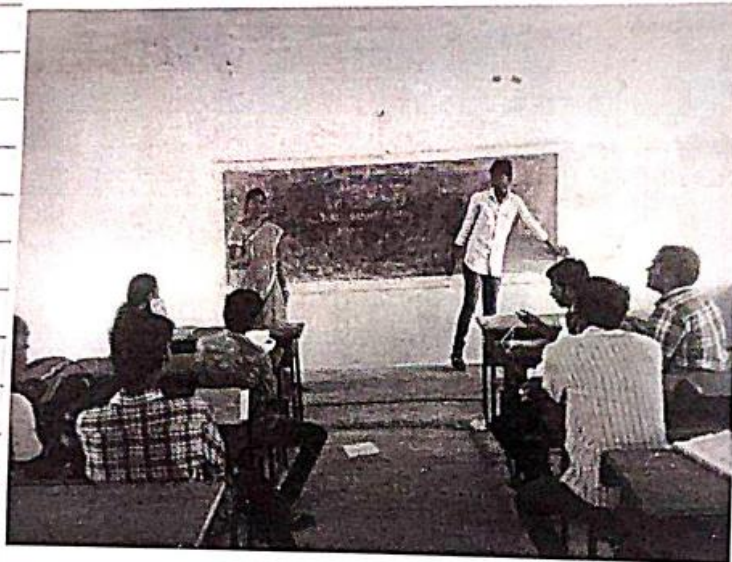
R. Prasad
II B.sc (MPCS)

Name of the Student : R. Rajeswari
Group : III B.Sc (MPCS)
Paper : VIII
Topic : Laplace Transformation
Date : 11/12/18

Name of the Student : R. Anilad
Group : II B.Sc (MPCS)
Paper : IV
Topic : Rolle's theorem
Date : 23.01.2018

Name of the Student : R. Rajeswari
Group : III B.Sc (MPCs)
Paper : VIII
Topic : Laplace Transform
Date : 11/12/19

Name of the Student : R. Anand
Group : II B.Sc (MPCs)
Paper : IV
Topic : Rolle's Theorem
Date : 23.01.2018



N. Sati Kumar

I B.Sc (MPCS)

2017 - 2018

Name of the Student : N. Sasi Kumar
Group : I.B.Sc (mpsc)
Paper : II
Topic : Solid Geometry
Date : 24.01.2018

Modulated M :
(2014) 22.8 177 :
VI :
A time :
1108-10-17 :

(N)

I/C of the Department

y.ushatha
Lect. in mathematics

Modulated M :
(2014) 22.8 177 :
VI :
A time :
1108-10-17 :

AST (Saw)

Quiz Programme - 4

A Quiz Programme & conducted for I, II, students on 1-12-2014 at class room. The following students are participated in the programme.

I Bsc : CH. VENKATESH, D. SURESH

II Bsc : M. GEETHA, T. JAYASURYA, E. VINAY TEJA,
K. SRIDHAIAH, K. SISINDRI, P. GEETHA K R
R. RAJESWARI, S. K. KHALEEL

III Bsc : V. JAYAPRAKASH, J. PENCHALAI, T. SRINIV

Batch 1 : C. H. Venkatesh, M. GEETHA, E. Vinay te
T. Srinivasulu, K. Sridhaiah

Batch 2 : D. Suresh, T. Jayasurya, P. Geetha K
J. Panchalaia, K. sisindri

Winners Batch : Batch. 1

Signature of students

1) 

2) V. Jayaprakash

3) 

4) K. Suresh

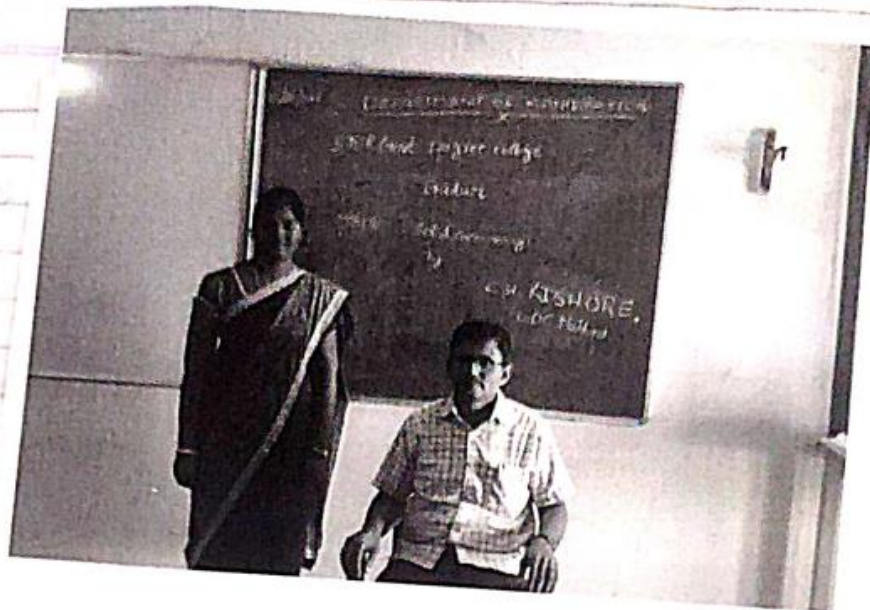
5) T. Srinivasulu



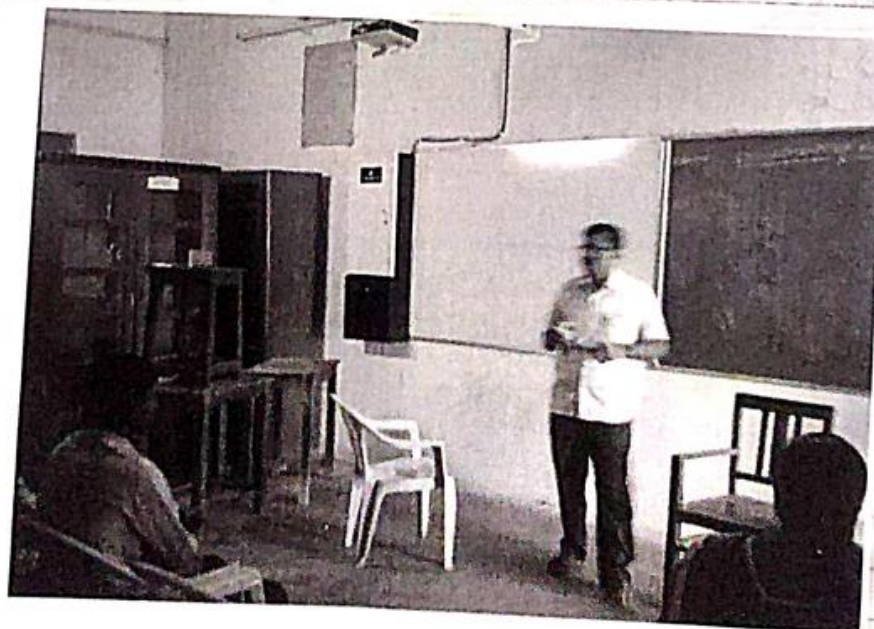
Winner Batch

- 1) Ch. Venkatesh
- 2) M. Geetha
- 3) E. Vinay teja
- 4) T. Srinivasulu
- 5) K. Sridhaiah

Department of mathematics 2017-20



Guest Lecture by Sri CH. Kishore Gnan, GND, Naidupet



A Guest Lecture is arranged 12.12.2017

11 Am to 1:00 PM to I, II & III B.Sc (MPC & MPES) Students

The topic is "Solid Geometry" at physics Lab-II.

The following students are attended

(a) ✓

S/c of the Department

Y. V. Suresh

Dept. of Mathematics

Signature of the students

1. M. Getha III B.Sc (HPC)
2. E. Vinay Teja III B.Sc (MPES)
3. D. Surash Babu II B.Sc (MPES)
4. Ch. Venkatesh II B.Sc (MPES)
5. Sk. Khaleel III B.Sc (MPES)
6. K. Srinithi III B.Sc (MPES)
7. T. Jay Surya III B.Sc (MPES)
8. R. Rajeswari III B.Sc (MPES)
9. D. Yedukondalu I B.Sc (MPES)
10. R. Prasad II B.Sc (MPES)
11. G. Gobardhan I B.Sc (MPES)
12. G. Vithan II B.Sc (MPES)
13. N. Sasi Kumar I B.Sc (MPES)

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: 2017-2018

S. No	Group	Semester	Paper	No. of Students Appeared	Passed	Result
1	I B.Sc(MPCs)	First	I	04	04	100%
2	I B.Sc(MPCs)	Second	II	04	04	100%
2	II B.Sc(MPCs)	Third	III	03	03	100%
3	II B.Sc(MPCs)	Fourth	IV	04	04	100%
4	III B.Sc(MPCs)	Fifth	V	06	05	83%
5	III B.Sc(MPCs)	Fifth	VI	06	05	83%
6	III B.Sc(MPCs)	Sixth	VII	06	05	83%

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	10 years
12	Number Refresher Courses Attended	Nil
13	Number Orientation Courses Attended	Nil
14	Number of Seminars/ Workshops Attended	7

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.
- 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 2017-18

S.No	Name of the student	Programme graduated from	Name of the institution joined	Name of programme admitted to
1	SK.Khaleel	III B.Sc(MPCS)	VS University	M.Sc(Computer Science)
2	M.Geeta	III B.Sc(MPC)	VS University	M.Sc(Physics)
3	D.Sisindri	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.	Fine Arts	Member
2.	Women Empowerment cell	Member
3.	Help line Committee	Member
4.	DRC Committee	Member
5.	Ward System Counseling	Member
6.	Attendance Committee	Member
7.	Parents Committee	Member

7. Best practices

2017-18

1. Department is encouraging peer teaching Programme
CH. Venkatesh II B.sc (mpcs) Present studying taken class
for I B.sc (mpcs) students on topic "sphere" in
II Semester during the period 11.12.17 to 31.12.17
Smt Y.V. Suneetha Lecturer in mathematics gave him cash Prize
at Annual day celebrations functions.
2. Department is encouraging students every year
for achieving highest marks in university examinations by
giving Proficiency prizes and certificate in annual day function.
This year, ch. venkatesh II B.sc (mpcs) achieved for Proficiency
Prize and awarded by Smt Y.V. Suneetha Lecturer in maths Dept.



PEER TEACHING by CH. Venkatesh IInd B.sc (MPCS)

Peer teaching - Signature of students

1. D. Yedukondalu
2. G. Gowtham Kumar
3. M. Govardhan
4. N. Sasi Kumar


V.V. Sankar
H.C. of the Dept. of Mathematics
V.V. Sankar
Dept. of Mathematics