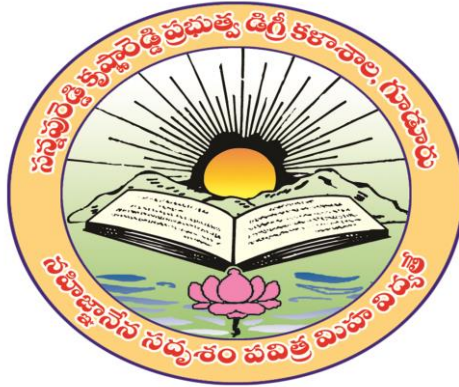


SKR GOVT. DEGREE COLLEGE Gudur, Tirupati Dt.

Department of Mathematics



CRITERION WISE REPORT
(2018-19)

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	Specialisation	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 2018-2019

List of students

S.No.	Name of the student	Hall Ticket Number	Group
I-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
II-B.Sc			
1.	D.Yedukondalu	173129001	MPCS
2.	G.Gowtham Kumar	173129002	MPCS
3.	M.Govardhan	173129003	MPCS
4.	N.Sasi kumar	173129004	MPCS
III-B.Sc			
1.	CH.Venkatesh	163129001	MPCS
2.	D.Suresh	163129002	MPCS
3.	R.Prasad	163129006	MPCS

BRIDGE COURSE

2018--2019

The Bridge course for I B.SC (M.P.CS) students on “Fundamentals of Calculus and Trigonometry” was conducted from 02.07.2018 to 10.07.2018.

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)	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

Grouping of Students into Slow, Moderate and Advanced learners
2018-2019

S.NO	Name of the student	Hall Ticket Number	Group	Mode of Learner
<i>I B.Sc</i>				
1.	K.Sreenivasulu	183129001	MPCs	Slow
2.	P.Nissi	183129002	MPCs	Advanced
3.	P.Venkaiah	183129003	MPCs	Slow
4.	S.Vinodh	183129004	MPCs	Slow
5.	Y.Sasi Kumar	183129005	MPCs	Moderate
<i>II B.Sc</i>				
1.	D.Yedukondalu	173129001	MPCs	Slow
2.	G.Gowtham Kumar	173129002	MPCs	Slow
3.	M.Govardhan	173129003	MPCs	Moderate
4.	N.Sasi kumar	173129004	MPCs	Moderate
<i>III B.Sc</i>				
1.	CH.Venkatesh	163129001	MPCs	Advanced
2.	D.Suresh	163129002	MPCs	Moderate
3.	R.Prasad	163129006	MPCs	Moderate

Class room activities for the Academic Year 2018-2019

Sem I, III & V

S. No	Group	SEM	Mode of activity	Date	Topic
1.	B.Sc	III	Class Test	30.07.18	Abelian Group
2.	B.Sc	V	Assignment	09.07.18	Eigen Values
3.	B.Sc	V	Class Test	10.07.18	Cayley Hamilton Theorem
4.	B.Sc	III	Class Test	20.07.18	Permutation Group
5.	B.Sc	I	Class Test	21.07.18	$F(D)y=0$
6.	B.Sc	V	Class Test	06.08.18	Normal form
7.	B.Sc	V	Internal Exam	08.08.18	Inner Product space
8.	B.Sc	III	Internal Exam	14.08.18	First and Second Units
9.	B.Sc	I	Internal Exam	16.08.18	First and Second Units
10.	B.Sc	V	Class Test	21.08.18	Echilon form
11.	B.Sc	III	Class Test	12.09.18	Subgroup
12.	B.Sc	III	Class Test	28.09.18	Cyclic group
13.	B.Sc	I	Class Test	29.09.18	Exact DE
14.	B.Sc	III&V	Internal Exam	26.09.18	Unit4
15.	B.Sc	I	Internal Exam	27.09.18	Unit 3
16.	B.Sc	I	Class Test	01.10.18	Legendre equations
17.	B.Sc	V.S University I,III,V semesters exams commenced from 22.10.18 to 14.11.2018			

Sem II, IV & VI

S. No	Group	SEM	Mode of activity	Date	Topic
1	B.Sc	VI	Assignment	14.12.18	Grad, Div and Curl
2	B.Sc	IV	Assignment	17.12.18	Continuity
3	B.Sc	VI	Class Test	18.12.18	Operators
4	B.Sc	II	Class Test	18.12.18	Bisector Planes
5	B.Sc	II	Assignment	24.12.18	Pair of planes
6	B.Sc	VI	Assignment	29.12.18	Vector integration
7	B.Sc	IV	Class Test	31.12.18	Derivatives
8	B.Sc	II, IV & VI	Internal	05.01.19	Unit1
9	B.Sc	VI	Class test	08.01.19	Gauss Divergence Th
10	B.Sc	VI	Class Test	09.01.19	Greens Theorem
11	B.Sc	IV	Assignment	11.01.19	Stokes Theorem
12	B.Sc	II	Assignment	22.01.19	Limiting points
13	B.Sc	II	Class Test	22.01.19	Shortest Distance
14	B.Sc	IV	Class Test	23.01.19	Mean Value Theorems
15	B.Sc	II, IV & VI	Internal exam	13.02.19	Unit4
16	B.Sc	II	Class Test	14.02.19	Great Circle
17	B.Sc	IV	Class Test	15.02.19	Series
18	B.Sc	VI	Class Test	24.01.19	Vector Integration

Department of Mathematics
Student Seminars 2018 – 2019
Date: 21-02-2019



1st B. Sc (MPCs)
Topic: Right Circular
Cone



2nd B. Sc (MPCs)
Topic: Limits



3rd B. Sc (MPCs)
Topic: Riemann sums
Vector Calculus

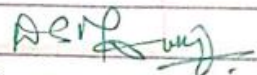
Name of the Student : P. Nissi
Group : 1st B.Sc (MPCs)
Paper : II
Topic : Right circular Cone
Date : 21-02-2019

Name of the Student : M. Govardhan
Group : IInd B.Sc (MPCs)
Paper : IV
Topic : Limits
Date : 21-02-2019

2018 - 2019

Name of the students : Chi Venkatesh
Group : IIIrd B.Sc (MPCs)
Paper : VI
Topic : Vector Calculus
Date : 21-02-2019


Signature of the Lecturer


Principal

Signature of the Students:-

1. N. Sri Kumar
2. M. Govardhan
3. G. Bouktaw Kumar
4. Chi Venkatesh
5. D. Suresh
6. R. Prasad
7. P. Nithi
8. J. Vinod
9. K. Srinivasulu
10. Y. Sri Kumar

2018 - 2019

Dept. of Mathematics

Department of Mathematics
Guest Lecture Program: 2018 - 2019
G. Masthan, S.V. Arts Degree College, Gudur
Topic: Algebra Date: 13-02-2019



A Guest Lecture is arranged 13/02/2019
for the timings from 10:30 am to 12:00 pm for
the I, II, III B.Sc Students (NPC & NPCC) Students
The topic is "Algebra" at III-B.Sc classroom
The following Students are attended.

The other Dept.

Principal

Y.V. Srinivas
Lect. in Mathematics

Signature of the Students

P. Nissi

S. Vinod

K. Gireesha

Y. Sasi Kumar

M. Girardhan

N. Sridhar

G. Gowtham Kumar

Ch. Venkatesh

P. Prasad

D. SURESH BABU

2018 - 2019

In for this Academic year 2018-19 our college staff decided to conduct a Field Trip. So our Mathematics department also included in the college Field Trip (or) college study tour conducted January- 28, 2019. So we are all conducted one Field Trip. Our mathematics students also participated in college tour (or) study tour at SHAR, Sullurupeta.

Student signature

P. Nissi

Y. Sankar

S. Vinod

M. Govardhan

Ch. Venkatesh

G. Govthan Kumar

K. Soumya

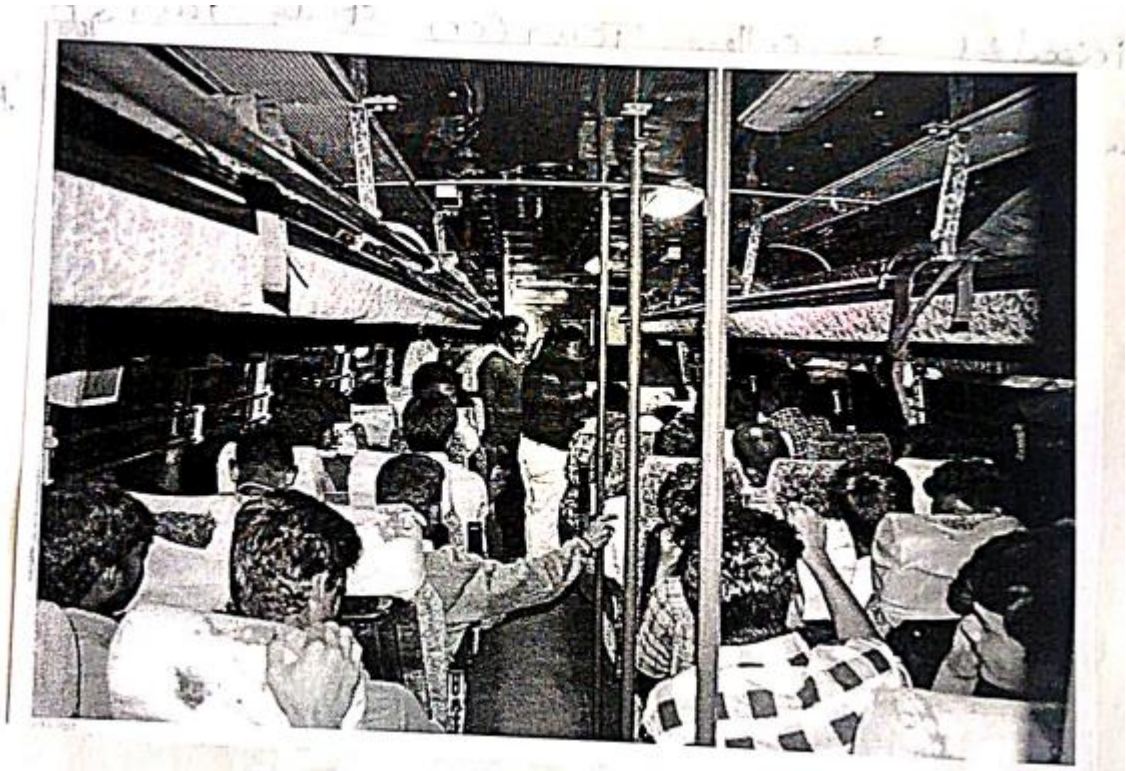
D. D. Lakshmi

N. Sasi Kumar

Y. V. Sankar

S. Vinod

M. Govardhan



QUIZ PROGRAMME - 10

A quiz programme conducted for I, II, III BSC students on 4-2-2019 at class room. The following students are participated in the programme.

I BSC : P. Nissi, S. Vinod, Y. Sasi Kumar, K. Sreenu.

II BSC : D. Yedukondalu, M. Govardhan, N. Sasi Kumar, G. Gowtham Kumar.

III BSC : C.H. Venkatesh, R. Prasad, D. Suresh.

Team A : P. Nissi, S. Vinod, D. Suresh

Team B : C.H. Venkatesh, Y. Sasi Kumar, M. Govardhan.

Team C : R. Prasad, K. Sreenu, D. Yedukondalu.

Winner team : B

Signature of students

1. P. Nissi
2. M. Govardhan
3. S. Vinod
4. Y. Sasi Kumar
5. D. Yedukondalu
6. N. Sasi Kumar
7. G. Gowtham Kumar
8. Ch. Venkatesh
9. R. Prasad
10. D. Suresh Babu


Principal

Y.V. Suresh,
Lecturer Mathematics.
(Y.V. Suresh)

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: 2018-2019

S. No	Group	Semester	Paper	No. of Students Appeared	Passed	Result
1	I B.Sc(MPCs)	First	I	05	04	80%
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	02	50%
4	III B.Sc(MPCs)	Fifth	V	03	03	100%
5	III B.Sc(MPCs)	Fifth	VI	03	03	100%
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 2018-19

S.No	Name of the student	Programme graduated from	Name of the institution joined	Name of programme admitted to
1	D.Suresh Babu	III B.Sc.(MPCS)	VSU PG centre,Kavali	M.Sc.(Physics)
2	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.	Student Union	Member
2.	Women Empowerment cell	Member
3.	Eco club	Member
4.	DRC	Member
5.	Ward System Counseling	Member
6.	Help line Committee	Member
7.	Best Practices Committee	Member
8.	Attendance Committee	Member
9.	Fine Arts	Member
10.	Consumer Club	Member
11.	College campaigning Committee	Member
12.	Quiz Committe	Member
13.	Academic Linkages /Field Trip Committe	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 CH.Venkatesh, Hall ticket No. 163129001, III B.Sc (MPCs) who achieved cent percent marks in 3 papers of final year was given cash prize award for his best performance in the subject for the academic year 2018-2019.