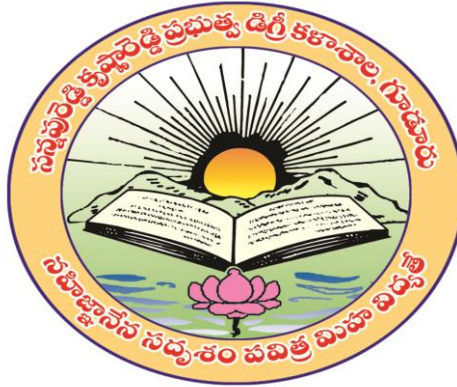


# SKR GOVT. DEGREE COLLEGE Gudur, Tirupati Dt.

*Department of Mathematics*



CRITERION WISE REPORT  
(2020-21)

## 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 2020-21. As per the academic calendar of the V.S. university semester wise curricular plan is prepared at the beginning of the semester. Daily classes report is uploaded in OTLP app provided by Commissionerate of Collegiate Education, Mangalagiri and the same 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 2020-2021

#### List of students

| S.No.    | Name of the student | Hall Ticket Number | Group |
|----------|---------------------|--------------------|-------|
| II 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  |
| III-B.Sc |                     |                    |       |
| 1.       | K.Sreenivasulu      | 183129001          | MPCS  |
| 2.       | P.Nissi (W)         | 183129002          | MPCS  |
| 3.       | S.Vinodh            | 183129004          | MPCS  |
| 4.       | Y.Sasi Kumar        | 183129005          | MPCS  |

## Grouping of Students into Slow, Moderate and Advanced learners 2020-2021

| S.NO            | Name of the student | Hall<br>Ticket<br>Number | Group | Mode of<br>Learner |
|-----------------|---------------------|--------------------------|-------|--------------------|
| <b>II B.Sc</b>  |                     |                          |       |                    |
| 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               |
| <b>III B.Sc</b> |                     |                          |       |                    |
| 1.              | K.Sreenivasulu      | 183129001                | MPCs  | Moderate           |
| 2.              | P.Nissi (W)         | 183129002                | MPCs  | Advanced           |
| 4.              | S.Vinodh            | 183129004                | MPCs  | Moderate           |
| 5               | Y.Sasi Kumar        | 183129005                | MPCs  | Moderate           |

## Social Status : 2020-2021

| S.NO                   | Name of the student | Hall Ticket Number | Group | Mode of Learner |
|------------------------|---------------------|--------------------|-------|-----------------|
| <b><i>II B.Sc</i></b>  |                     |                    |       |                 |
| 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            |
| <b><i>III B.Sc</i></b> |                     |                    |       |                 |
| 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              |

## Class room activities for the Academic Year 2020-2021

### Sem III & V

| S. No | Group | SEM                                              | Mode of activity | Date     | Topic                   |
|-------|-------|--------------------------------------------------|------------------|----------|-------------------------|
| 1.    | B.Sc  | III                                              | Class Test       | 10.11.20 | Abelian Group           |
| 2.    | B.Sc  | V                                                | Assignment       | 10.11.20 | Eigen Values            |
| 3.    | B.Sc  | V                                                | Class Test       | 14.11.20 | Cayley Hamilton Theorem |
| 4.    | B.Sc  | III                                              | Class Test       | 01.12.20 | Permutation Group       |
| 5.    | B.Sc  | V                                                | Class Test       | 10.12.20 | Normal form             |
| 6.    | B.Sc  | V                                                | Internal Exam    | 16.12.20 | Inner Product space     |
| 7.    | B.Sc  | III                                              | Internal Exam    | 16.12.20 | First and Second Units  |
| 8.    | B.Sc  | V                                                | Class Test       | 29.12.20 | Echilon form            |
| 9.    | B.Sc  | III                                              | Class Test       | 25.01.21 | Subgroup                |
| 10.   | B.Sc  | III                                              | Class Test       | 10.02.21 | Cyclic group            |
| 11.   | B.Sc  | III&V                                            | Internal Exam    | 22.02.21 | Unit4                   |
| 12.   | B.Sc  | III & V Semesters University Exams in March 2021 |                  |          |                         |

2020 - 2021



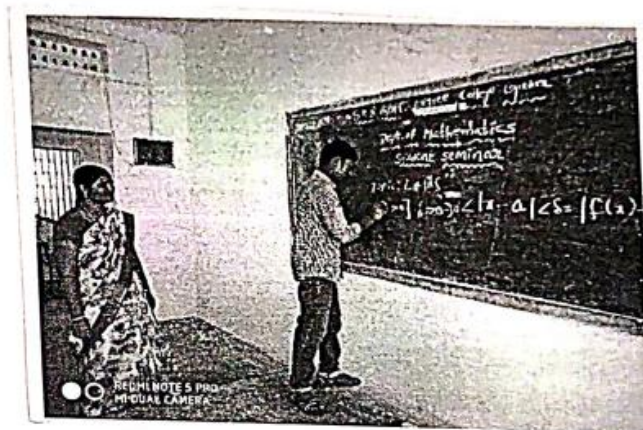
Name of the Student : P. Sasi Kumar  
(209M) : Group : III B.Sc (MPSC)  
Paper : VI  
Topic : Vector Calculus  
Date : 22/1/2021

Y.V. Suresh  
(Y.V. Suresh)  
C.F in Mathem

Signature of the Students :-

1. Sasi Kumar
2. P. Sasi
3. S. Vinod
4. G. Venkateswarlu

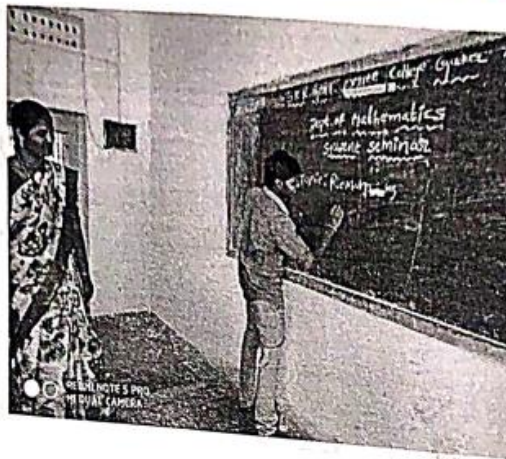
# Student SEMinar



Name : M. Govardhan  
class : II Bsc (MPCS)  
Topic : Linear Transformations

Govardhan

## Student Seminar



Name : D. Yedukondalu

Class : II BSc (MPCs)

Topic : Real Analysis

meo.

## 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: 2020-2021

| S. No | Group           | Semester | Paper | No. of Students Appeared | Passed | Result |
|-------|-----------------|----------|-------|--------------------------|--------|--------|
| 1     | II B.Sc.(MPCs)  | Third    | III   | 04                       | 04     | 100%   |
| 2     | II B.Sc.(MPCs)  | Fourth   | IV    | 03                       | 03     | 100%   |
| 3     | III B.Sc.(MPCs) | Fifth    | V     | 04                       | 04     | 100%   |
| 4     | III B.Sc.(MPCs) | Fifth    | VI    | 04                       | 04     | 100%   |
| 5     | III B.Sc.(MPCs) | Sixth    | VIII  | 04                       | 04     | 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<br>Station | 16.09.2016                             |
| 11 | Total Service                             | 11 years                               |
| 12 | Number Refresher Courses<br>Attended      | Nil                                    |
| 13 | Number Orientation Courses<br>Attended    | Nil                                    |
| 14 | Number of Seminars/<br>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 2020-21**

| S.No | Name of the student | Programme graduated from | Name of the institution joined | Name of programme admitted to |
|------|---------------------|--------------------------|--------------------------------|-------------------------------|
| 1    | CH.Venkatesh        | III<br>B.Sc(MPCS)        | SVU PG centre,<br>Srikalahasti | M.Sc(Mathematics)             |

## **6.Governance, Leadership and Management**

### **Participation in Institutional Governance and Leadership**

| <b>S.NO</b> | <b>Institutional Committee</b> | <b>Convener/Member</b> |
|-------------|--------------------------------|------------------------|
| 1.          | Student Union                  | Member                 |
| 2.          | Women Empowerment cell         | Member                 |
| 3.          | Discipline Committee           | Member                 |
| 4.          | Eco Club and Green Audit       | Member                 |
| 5.          | College Campaigning Committee  | Member                 |
| 6.          | Admission Committee            | Member                 |
| 7.          | Cultural 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 P.Nissi, Hall ticket No. 183129002, III B.Sc (MPCs) was given cash prize award for his best performance in the subject for the academic year 2020-2021.