

2025-26



**SVCR GOVERNMENT DEGREE COLLEGE,  
PALAMANER**

**DEPARTMENT EVALUATIVE REPORT**

**DEPARTMENT OF MATHEMATICS**

## Evaluative Report of the Department

1. Name of the Department : Mathematics
2. Year of establishment : 1983
3. Names of Programmes offered: UG (B.Sc.)

SL.NO.	NAME OF THE PROGRAMME OFFERED	SEM	NO. OF STUDENTS
UNDER GRADUATION	B.Sc (Mathematics) Honours	5	10
	B.Sc (Mathematics) Honours	3	11
	B.Sc (Mathematics) Honours	1	14

4. Examination System: Semester /Choice Based Credit System
5. Participation of the department in the courses offered by other departments -
  - If any certificate courses offered by other Departments -

**If not-please mention as NIL**

6. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

Category	Sanctioned	Filled	Actual (including PTF,CF & GF )
<b>Readers/Associate Professors</b>			
<b>Lecturers/Asst. Professors</b>	02	02	02
<b>Others</b>			

7. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance (Regular/Part-time/Contract/Guest Faculty)

SL.No.	Name	Qualification	Designation	Specialization	No. of Years of Experience
1	K CH V SUBBAIAH NAIDU	M. Sc.	Lecturer	Mathematics	25
2	M KIRAN BABU	M. Sc	Lecturer	Mathematics	4

8. List of senior Visiting Fellows, adjunct faculty, emeritus professors visited during the year 2020-21

SL.No.	Name & Designation	Topic covered	Date of Visit	No. of students/ Classes benefited
01	-	-		
02	-	-		
03	-	-		

\*Link file of the report

9. Semester wise-Workload of the faculty (Regular/Part-time/Contract/Guest Faculty)

SL.No.	Name of the Faculty	Odd Semester Workload per week-2025-26	Even Semester Workload per week-2025-26
1	K CH V SUBBAIAH NAIDU	25	18
2	Metti Kiran Babu	25	17

10. Programme-wise Student Teacher Ratio

SL.No.	Programme	Total No. of students in all 3 Years	Total No. of Faculty in the Department (RF/PTL/CF/GF)	Percentage
1	B.Sc	35	02	17:1

11. Time tables-Programme wise/Semester wise/Lecturer Wise

<https://gdcplnr.edu.in/department.php?course=9>

12. List the teaching methods adopted by the faculty for different programmes.

A. Methods used regularly in TLP : Lecture Method, ICT based learning, Interactive Method, Participative and Lecture Method

B. Teaching methods adopted by the faculty : CLT, Interactive Method, Participative and Lecture Method

- B. Involvement of teachers in LMS/MOOCs preparation

SL. No.	Name of the Faculty	Topic	Online Platform Used	Link

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13. Specific Strategies Followed to support Students

Advanced learners	Creative Assignments	Study Material
Moderate Learners	Text book based Assignments	Slip Tests
Slow learners	Remedial coaching	Slip Tests

14. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise.

SL No	Project Name	Principal Investigator	Funding Agency	Sanctioned Amount (Lakhs)	Duration
01	-	-	-	-	-

15. Publications:

SL.N O	DETAILS	TOTAL NO.
1	Number of papers published in peer reviewed journals (national / international)	-
2	Monographs	-
3	Chapters in Books	-
4	Edited Books	-
5	Books with ISBN with details of publishers	-
6	Impact Factor – range / average	6.5 /(ASK) 7.33

\* Details of the publications as per the number given above

10 No. of Articles / papers published in international journals with impact factor (with title names)

<b>S. No.</b>	<b>Title with page no.</b>	<b>Journal</b>	<b>ISSN / ISBN No.</b>	<b>Impact Factor / Peer reviewed if any</b>	<b>Date &amp; Period</b>

16. Details of patents and income generated - NIL

17. Faculty serving in

- (i) National committees NIL
- (ii) International committees NIL
- (iii) Editorial Boards
- (iv) any other (please specify)

18. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs, online certificate Courses(SWAYAM) and similar programs).

<b>1</b>	<b>Metti Kiran Babu</b>	<b>QT-00 &amp; QT-01 Foundations of Quantum Computing &amp; Applications</b>	<b>MNIT JAIPUR &amp; APSCHE</b>	<b>August 18-September 11, 2025</b>
<b>2</b>	<b>Metti Kiran Babu</b>	<b>FDP on Applications of AI</b>	<b>APCCE &amp; ExcelR</b>	<b>February 23-March 13, 2026</b>

19. Student projects /Internship

S. No	Reg. No.	Student Name	Group	Internship
1	324014002	D. Kaveri	B.Sc (Mathematics)	Data Science
2	324014009	Madhavaram Narasimha Reddy	B.Sc (Mathematics)	Data Science
3	324014001	C. Nethra	B.Sc (Mathematics)	Data Science
4	324014007	M. Lavanya	B.Sc (Mathematics)	Data Science
5	324014013	T MEENA	B.Sc (Mathematics)	Data Science
6	324014010	R DIVYA	B.Sc (Mathematics)	Data Science
7	324014005	K Shiva Shankar	B.Sc (Mathematics)	Data Science
8	324014004	K Jeevan	B.Sc (Mathematics)	Data Science
9	324014003	G. Hemalatha	B.Sc (Mathematics)	Data Science
10	324014011	S Poornima	B.Sc (Mathematics)	Data Science

20. Awards /recognitions received at the national and international level by

21. Lecturer Wise Result Analysis

**22. Results:**

**PROGRAMME WISE RESULTS ANALYSIS FOR THE AY 2024-2025:**

S.No	Name of the Programme	Semester			
			Appeared	Passed	Pass %
1	B.Sc (Mathematics)	I	12	6	50
2	B.Sc (Mathematics)	II	11	6	55
3	B.Sc (Mathematics)	III	10	8	80
4	B.Sc (Mathematics)	IV	10	8	80
5	B.Sc (MPC)	V	6	4	66

6	B.Sc (MPCs)	V	4	3	75
7	B.Sc (MECs)	V	5	4	80
8	B.Sc (MPC)	VI	6	6	100
9	B.Sc (MPCs)	VI	4	4	100
10	B.Sc (MECs)	VI	5	5	100

**PAPER WISE RESULTS ANALYSIS FOR THE AY 2024-2025:**

**I Semester**

Name of the Paper	Name of the Lecturer			
		Appeared	Passed	Pass %
ESSENTIALS & APPLICATIONS OF MPC SCIENCES	METTI KIRAN BABU	12	10	83
ADVANCES IN MPC SCIENCES	K CH V SUBBAIAH NAIDU	12	7	58

**II Semester**

Name of the Paper	Name of the Lecturer			
		Appeared	Passed	Pass %
DIFFERENTIAL EQUATIONS	METTI KIRAN BABU	11	11	100
ANALYTICAL SOLID GEOMETRY	K CH V SUBBAIAH NAIDU	11	9	82

**III Semester**

Name of the Paper	Name of the Lecturer			
		Appeared	Passed	Pass %
LAPLACE TRANSFORMS	METTI KIRAN BABU	10	10	100
NUMERICAL METHODS	K CH V SUBBAIAH NAIDU	10	10	100
SPECIAL FUNCTIONS	METTI KIRAN BABU	10	10	100

GROUP THEORY	K CH V SUBBAIAH NAIDU	10	10	100
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#### IV Semester

Name of the Paper	Name of the Lecturer			
		Appeared	Passed	Pass %
INTEGRAL TRANSFORMS	METTI KIRAN BABU	10	9	90
RING THEORY	K CH V SUBBAIAH NAIDU	10	10	100
REAL ANALYSIS	K CH V SUBBAIAH NAIDU	10	9	90

#### V Semester

Name of the Paper	Name of the Lecturer			
		Appeared	Passed	Pass %
INTEGRAL TRANSFORMS WITH APPLICATIONS	METTI KIRAN BABU	15	12	80
MULTIPLE INEGRALS AND VECTOR CALCULUS	K CH V SUBBAIAH NAIDU	15	14	93

#### 23. Student progression

Student progression	Percentage against enrolled
UG to PG	-
PG to M.Phil.	-
PG to Ph.D.	-
Ph.D. to Post-Doctoral	-
Employed <ul style="list-style-type: none"> <li>● Campus selection</li> <li>● Other than campus recruitment</li> </ul>	10
Entrepreneurs	-

#### 24. Does the department obtain feedback from

- (i) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

Yes, On the basis of the feedback, we are taking necessary steps for increasing the required academic function.

(ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

Yes, On the basis of the feedback, we used to evaluate the academic culture of the students regularly. we learn the short comings and remove them as soon as possible.

(iii) alumni and employers on the programmes offered and how does the department utilize the feedback?

Yes, The Alumni Association is performing with the high objectives. Improving the quality of education.

a) IQAC take feedback to students

25. List the distinguished alumni of the department (maximum 10)

26. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

Talk given by P. Vamsi Krishna on Career Oppurtunities in Networking

27. Highlight the participation of students and faculty in extension activities -

28. Give details of “beyond syllabus scholarly activities” of the department.

- a.) Course related audio/video aids are used
- b.) Students make periodical presentations / seminars
- c.) Students peer teaching
- d.) Youtube lectures by eminent scholars and films, documentaries, short films and videos are used

**29. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.**

**30. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.**

- a) A focus on interactive teaching methods that prioritize student participation, critical thinking, and active learning.
- b) Insufficient funding for guest speakers, field trips, or advanced technology to enhance learning experiences.
- c) Developing online courses to reach a wider student population and offer flexible learning options.

- d) Addressing the need to prepare students for standardized tests while maintaining a holistic approach to language learning.

### 31. Future plans of the department.

The **Department of Mathematics** at **SVCR Government Degree College, Palamaner**, is committed to academic excellence and research advancement. The future plans of the department include:

1. **Introduction of New Courses**
  - Launching **certificate courses in Vedic Mathematics, Mathematical Modeling, and Data Analytics** to enhance students' computational and problem-solving skills.
2. **Research and Development**
  - Encouraging **faculty and students** to undertake research projects in areas like **Fluid Dynamics, Lattice Theory, and Applied Mathematics**.
  - Publishing research papers in **reputed journals** and presenting findings at **national and international conferences**.
3. **Student Skill Development**
  - Organizing **workshops, guest lectures, and training sessions** on advanced mathematical concepts and software like **MATLAB, LaTeX, and Python for Mathematics**.
  - Conducting **mathematical quiz competitions and problem-solving sessions** to prepare students for competitive exams like **CSIR-NET, GATE, and SET**.
4. **Collaborations and Outreach Programs**
  - Collaborating with **universities, research institutes, and industries** for academic exchange programs and internships.
  - Conducting **Mathematics Awareness Programs** in nearby schools to promote interest in the subject among young learners.

Signature of the Department

Signature of the Principal

Lecturer In-charge