



GOVERNMENT DEGREE COLLEGE
JAMMALAMADUGU
Affiliated To Yogi Vemana University



DEPARTMENT OF MATHEMATICS

DEPARTMENT PROFILE

A BRIEF HISTORY OF DEPARTMENT:

- ❖ The Department of Mathematics was established in the year 1979-80
- ❖ There are (01) one eminent teaching faculty in the Department who are highly qualified and are capable of using ICT tools in the teaching learning process.

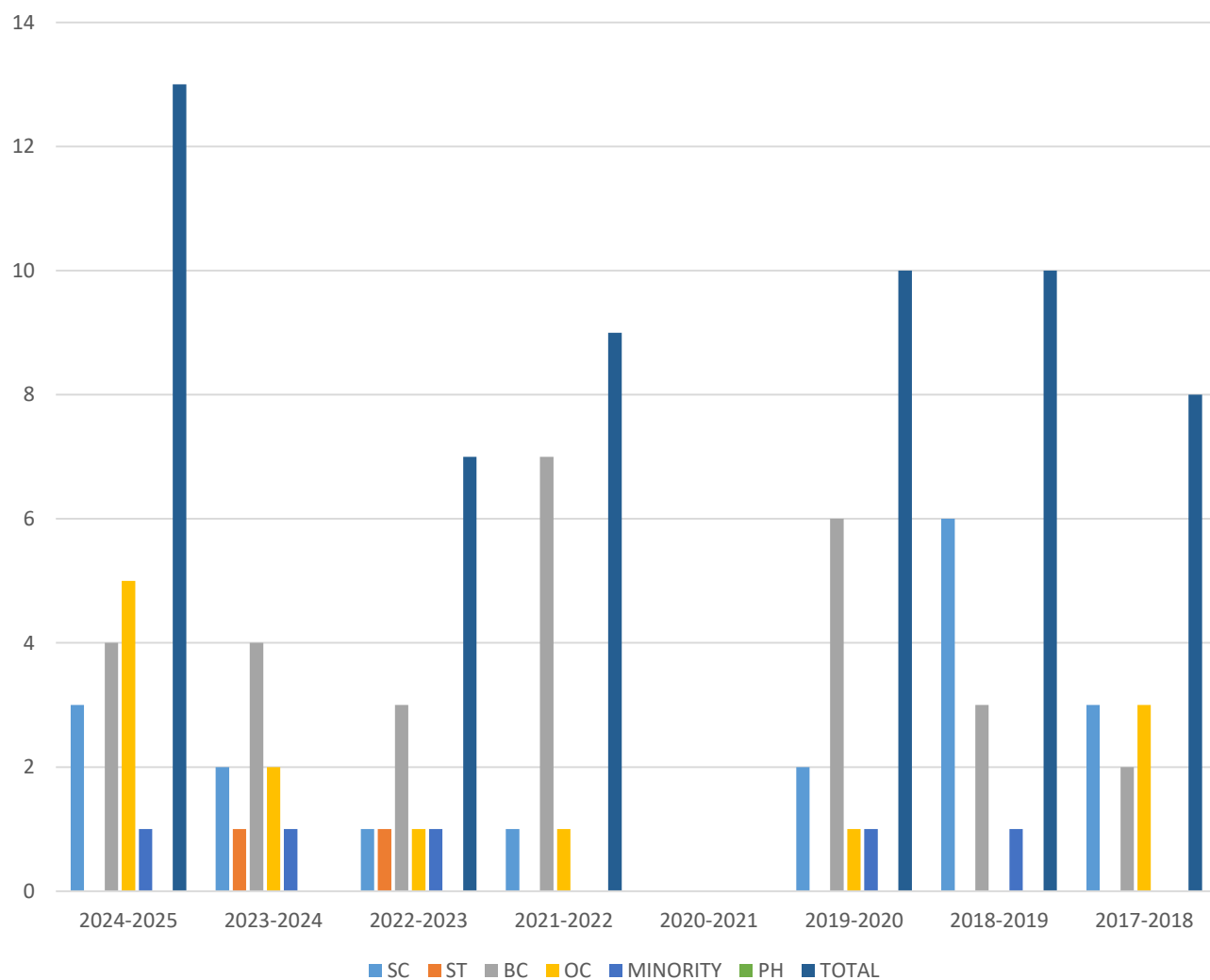
COURSES OFFERED AND SANCTIONED STRENGTH PARTICULARS

- ❖ The Department offers the following courses with Mathematics in the following combinations.

❖

S.No	Course	Combination	Medium of Instruction	Sanctioned strength
1	B.Sc.,	Mathematics, Physics and Chemistry	Telugu	40
2	B.Sc.,	Mathematics, Physics and Computer Science	English	40

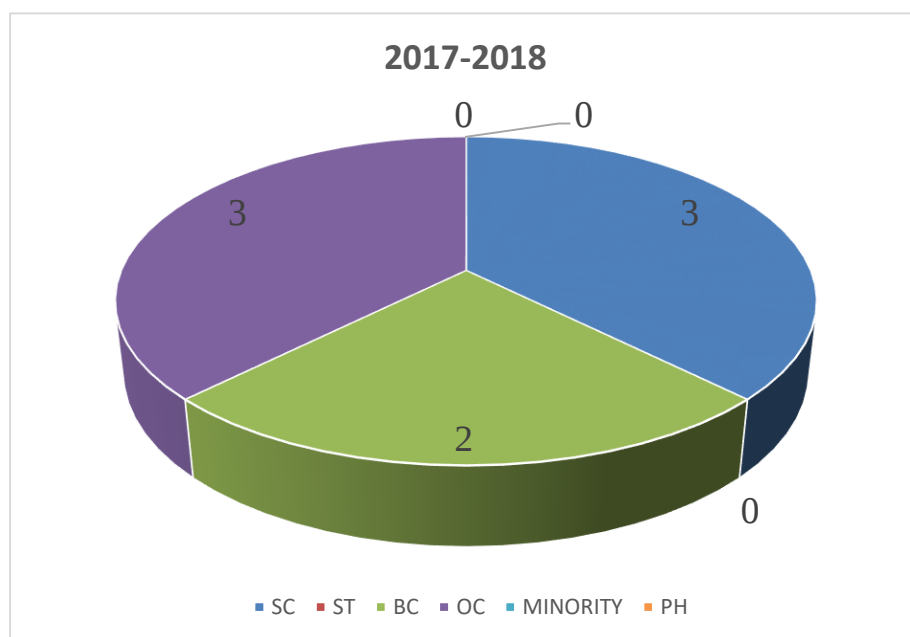
MATHEMATICS ADMISSION DETAILS



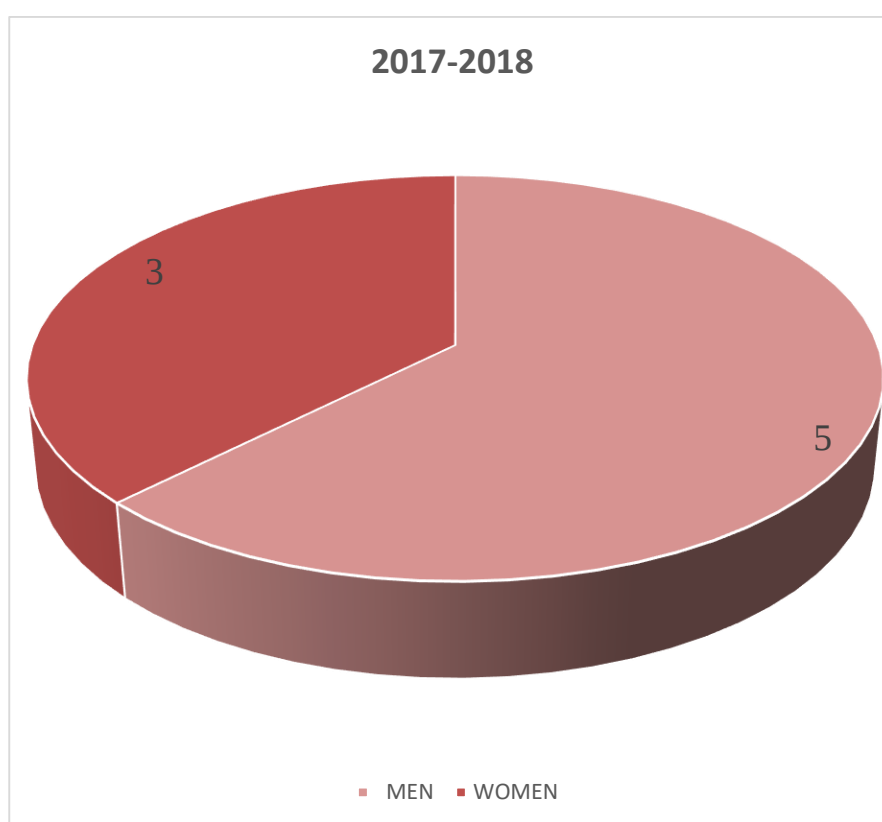
STUDENT STRENGTH PARTICULARS:

ACADEMIC YEAR: 2017-18

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2017-2018	3	0	2	3	0	0	8

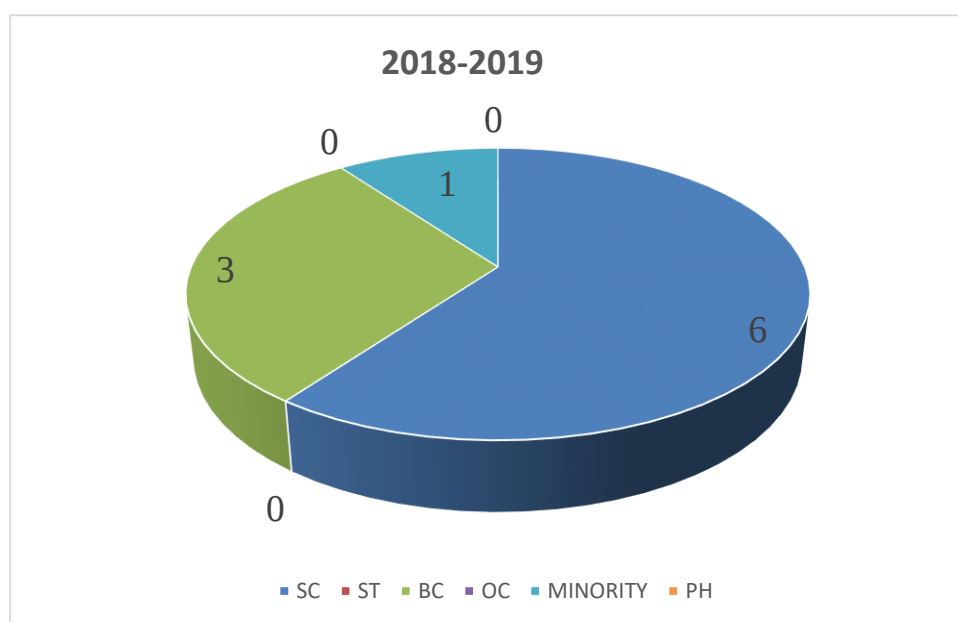


YEAR	MEN	WOMEN	TOTAL
2017-2018	5	3	8

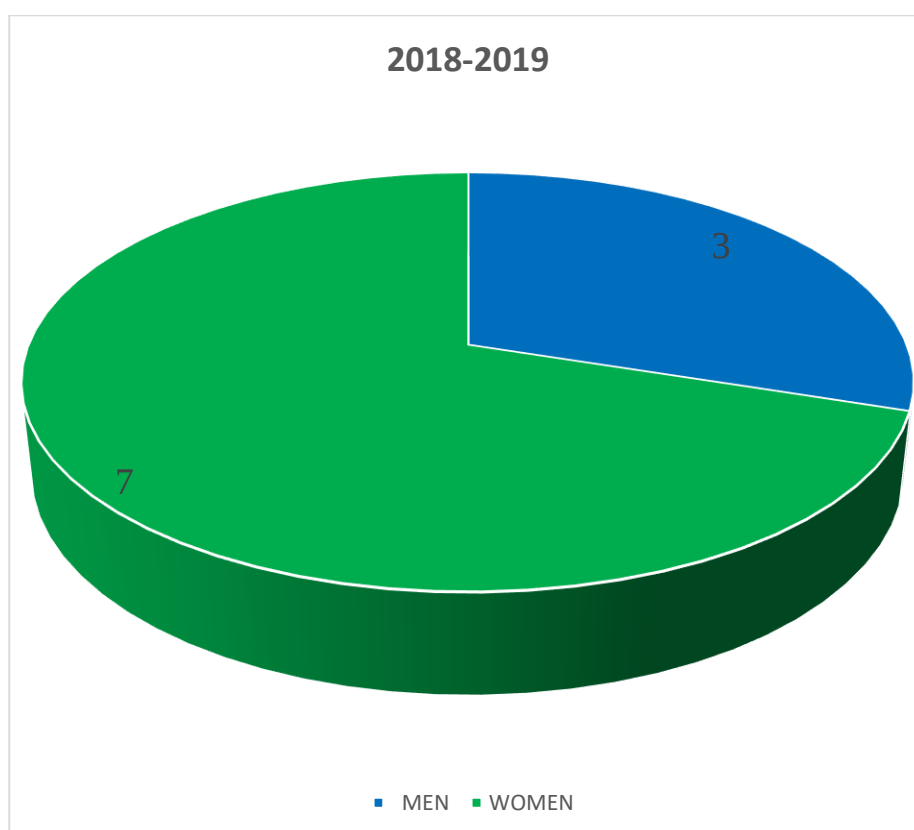


STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2018-19

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2018-2019	6	0	3	0	1	0	10

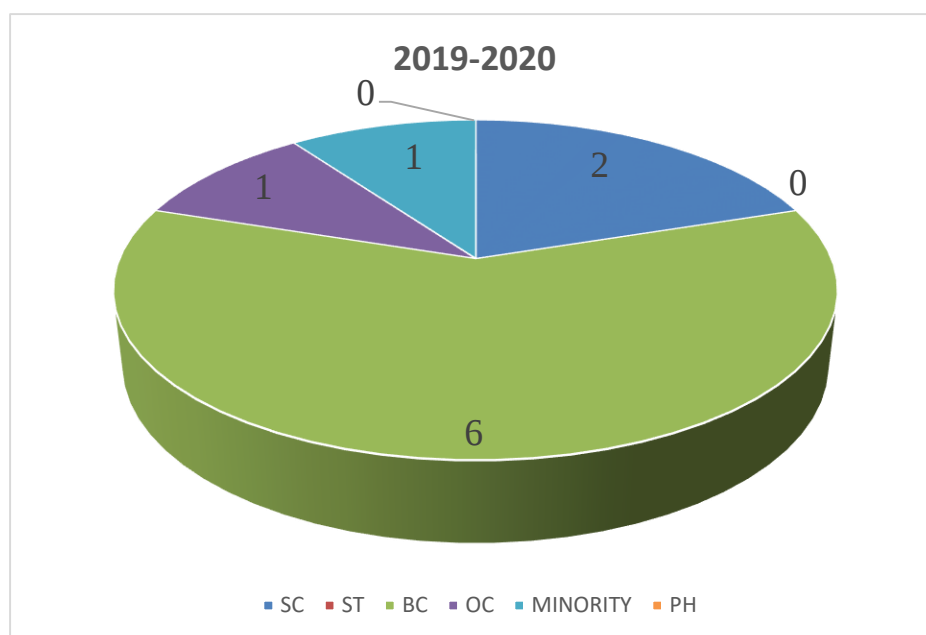


YEAR	MEN	WOMEN	TOTAL
2018-2019	3	7	10

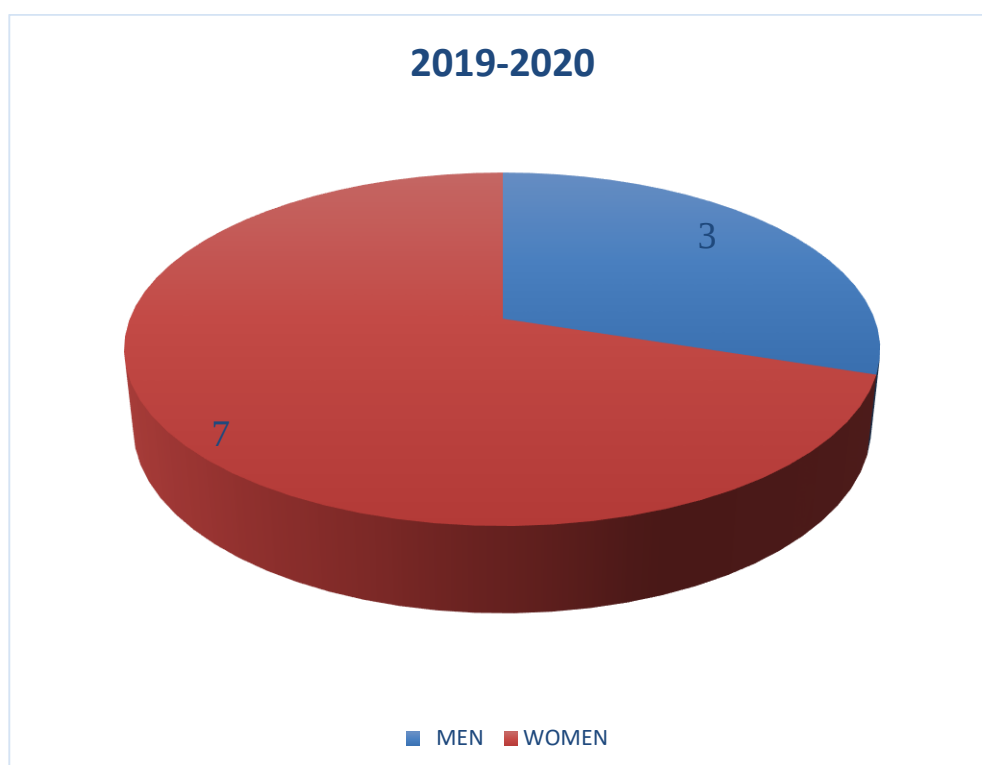


STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2019-20

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2019-2020	2	0	6	1	1	0	10



YEAR	MEN	WOMEN	TOTAL
2019-2020	3	7	10



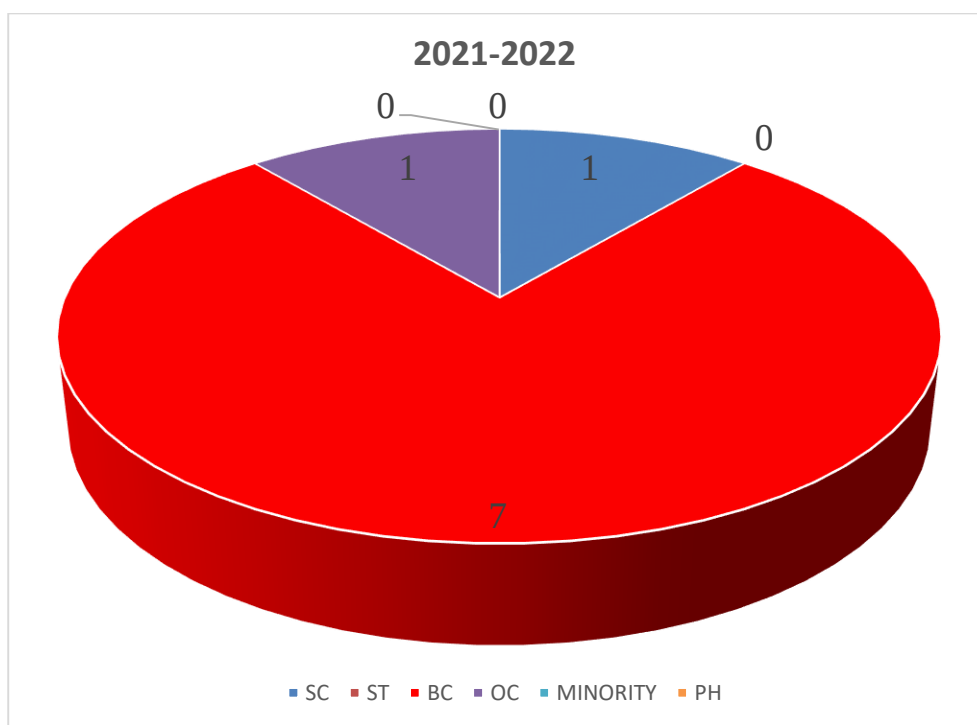
STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2020-21

NIL

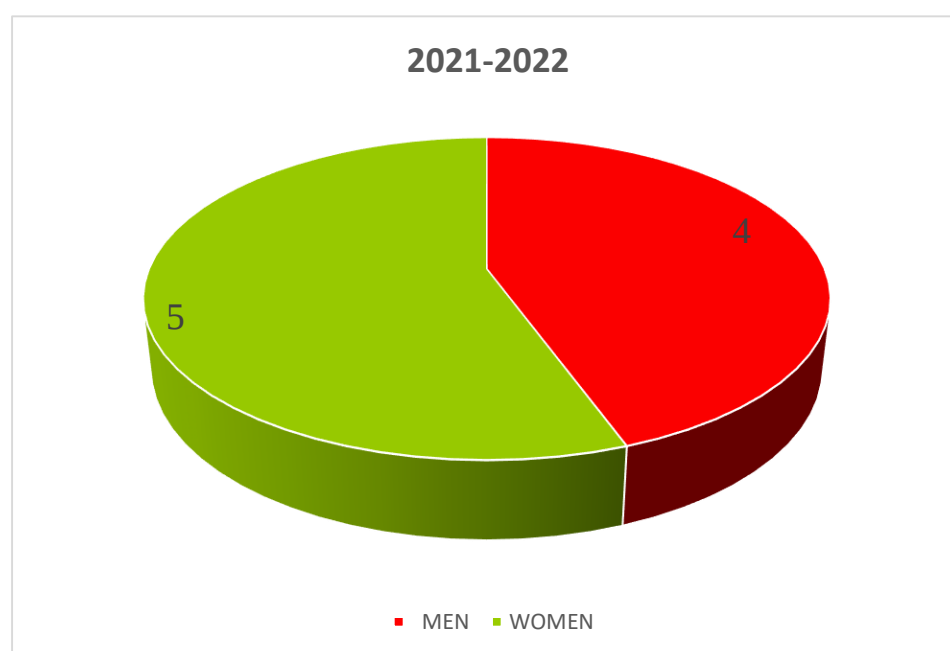
STUDENT STRENGTH PARTICULARS:

ACADEMIC YEAR: 2021-22

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2021-2022	1	0	7	1	0	0	9

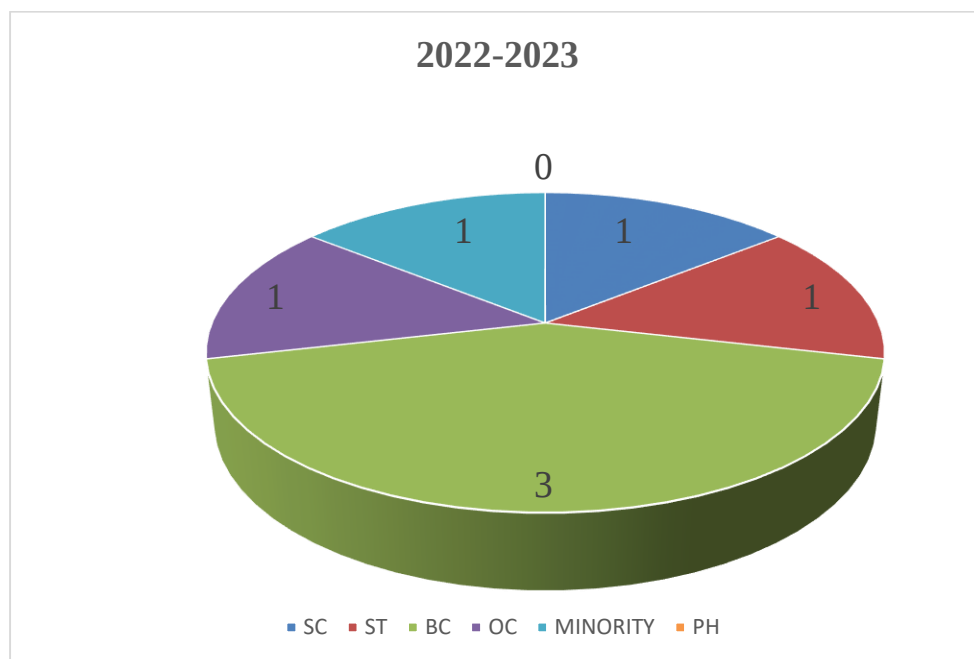


YEAR	MEN	WOMEN	TOTAL
2021-2022	4	5	9

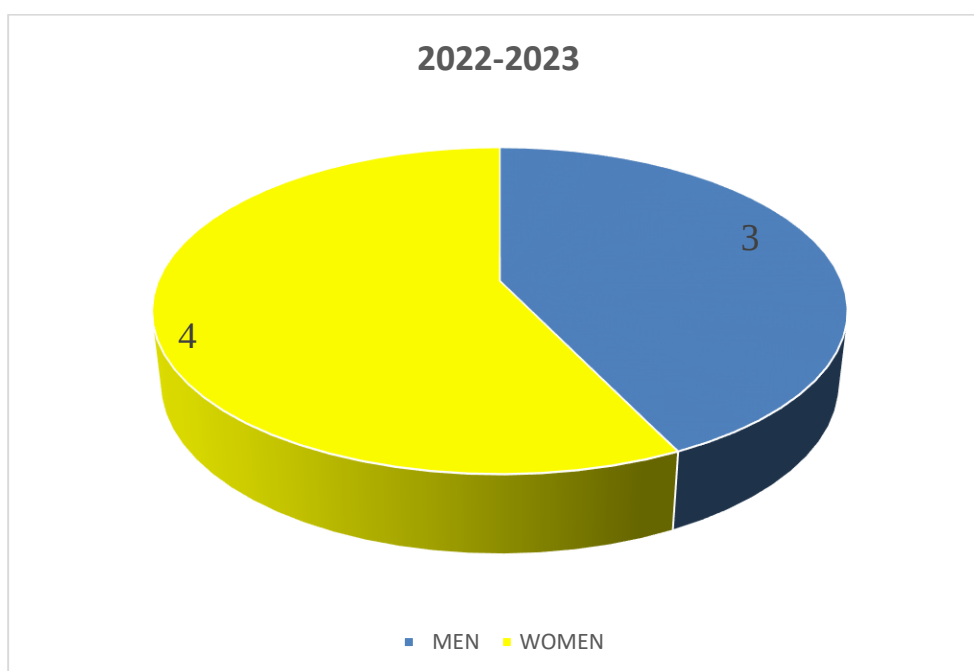


STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2022-23

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2022-2023	1	1	3	1	1	0	7

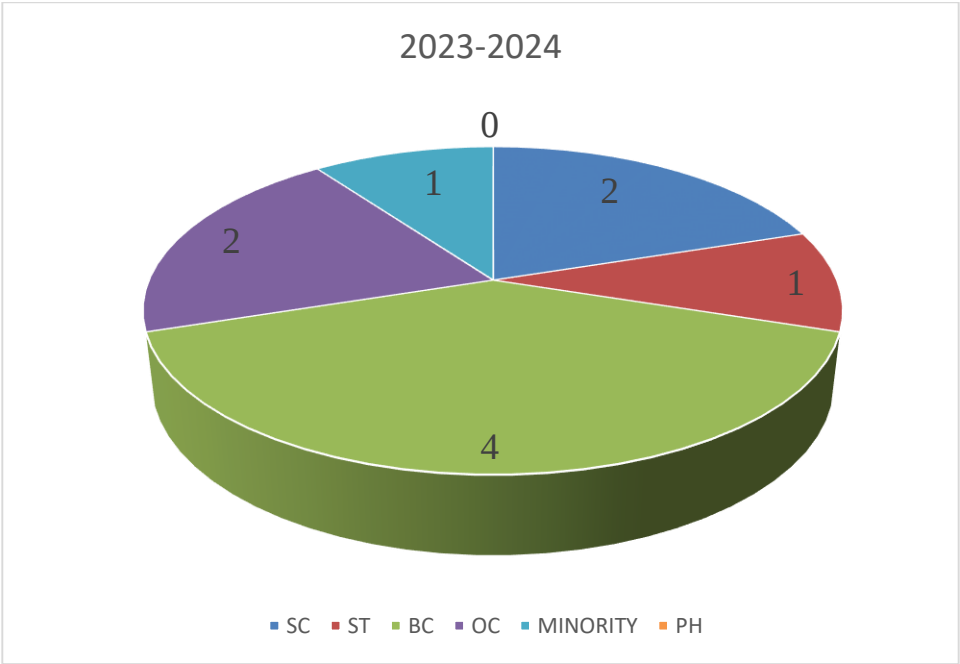


YEAR	MEN	WOMEN	TOTAL
2022-2023	3	4	7

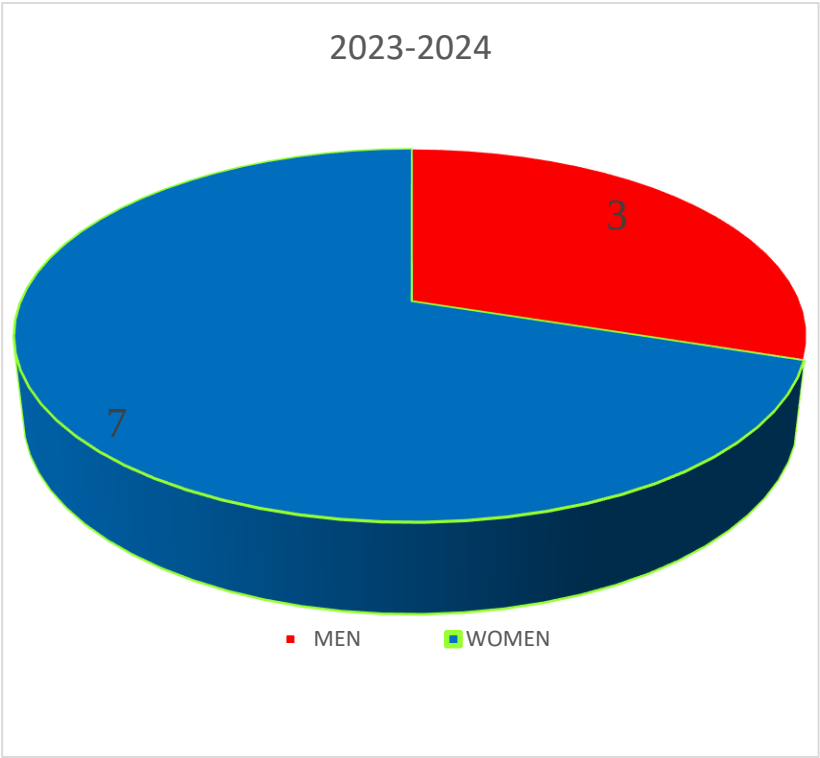


STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2023-24

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2023-2024	2	1	4	2	1	0	10

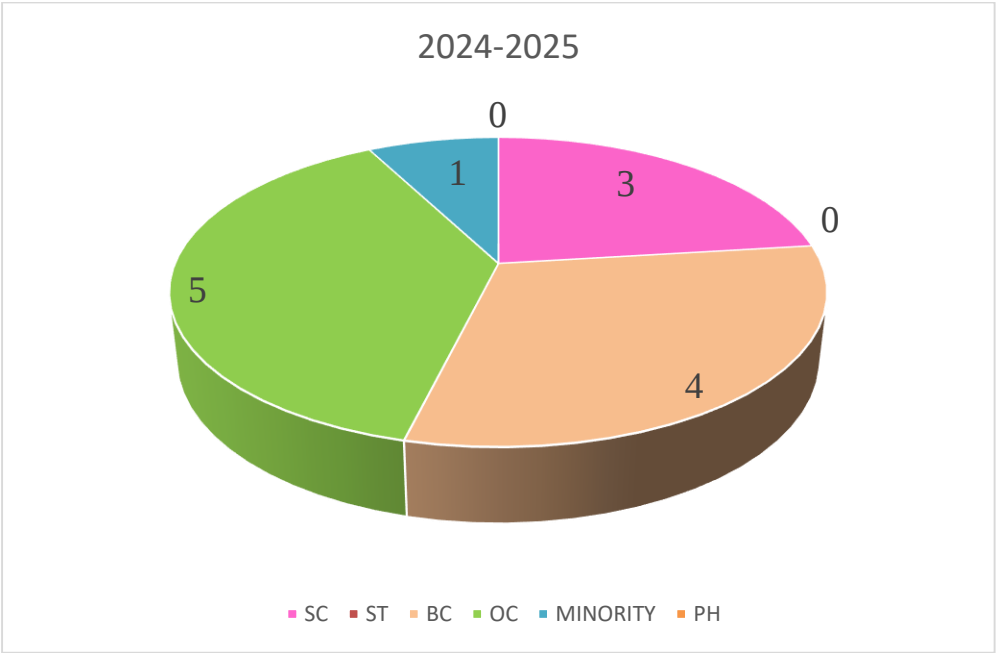


YEAR	MEN	WOMEN	TOTAL
2023-2024	3	7	10

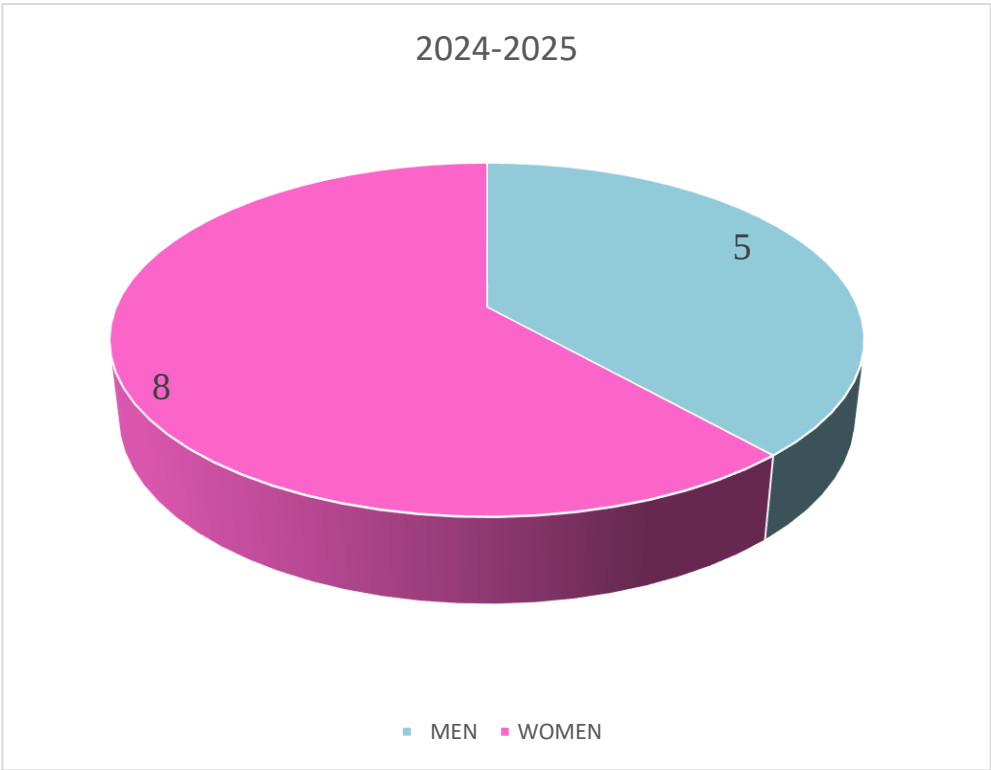


STUDENT STRENGTH PARTICULARS:
ACADEMIC YEAR: 2024-25

YEAR	SC	ST	BC	OC	MINORITY	PH	TOTAL
2024-2025	3	0	4	5	1	0	13



YEAR	MEN	WOMEN	TOTAL
2024-2025	5	8	13



STAFF MEMBERS PARTICULARS:

Number of posts sanctioned : 01

Number of posts filled : 01

S. No	Name of the Lecturer	Qualification	Specialization	Teaching experience
1.	Dr. A. Venkateswarlu	M.Sc., B.Ed., Ph.D.	Applied Mathematics	15 Years

CURRICULAR ASPECTS:

The Department of Mathematics follows the syllabus and academic curriculum aspects designed by Yogi Vemana University, Kadapa. It is restructured periodically to make it more relevant to current trends. At the same time meeting the demands of the latest developments in Science & Technology and other competitive exams like SSC, RRB, PG CET, APPSC etc is our goal. The board of studies of Sri Yogi Vemana University, Kadapa, periodically revises the syllabus, generally enriching the content of the existing papers and model papers. The curriculum provides skill enhancement, inter-disciplinary and multi-disciplinary interaction and cooperation. All the teachers in the department participate in the process of curriculum development and the staff members have freedom to adopt their own teaching methods and innovations, teaching modules to make the students understand the topics in their respective papers.

In addition, the students are encouraged to participate in group discussions, seminars and quiz programmes. Further they are guided to do some study projects to strengthen their application skills in the subject acquired during their study. All this is done according to academic plan prepared by every staff member which is reviewed periodically. Further, the latest developments in Science and technology were explained to student regularly. In addition to the curricular activities, the students are encouraged to take active part in extra-curricular activities like campus clean and green programme, blood donation programs etc.

TEACHING, LEARNING AND EVALUATION:

TEACHING:

The teaching involves mainly lecture and discussion methods supplemented by seminars. In this process working models of the equipment, charts, and LED projector are used to make the students understand the subject easily. In the beginning of each academic year the Annual academic plans are prepared by each lecturer. The syllabus is covered as per the academic plan. Teaching dairy and teaching notes are maintained by every staff member. Further, Study material is supplied to the students. We are strictly implementing the Action Plan which is prepared by us and is reviewed periodically.

All the students admitted in 1st B. Sc courses come mainly from rural areas. So the department conducts induction classes to cope up with the syllabus as there is a marginal gap in the standards between Intermediate and Graduation. Further, the students are promoted to third year are given hands-on training classes to enable them to be well versed with Electric and Electronic equipment. Our students are very active in participating in Seminars, quiz and group discussions conducted by the lecturers in their respective classes. The educationally backward students in each class are identified and are given remedial coaching. The students have been encouraged to collect different clippings related to the subject from Newspapers and magazines and internet browsing.

Conventional teaching methods are supported and supplemented by

- **Class room seminars**
- **Use of audio-visual media**
- **Discussions**
- **Written Assignments**
- **Laboratory assignments**
- **Fieldtrip**
- **Project work**
- **Certificate Courses**

LEARNING:

The students are encouraged to read textbooks from the College main library as well as the departmental library and discuss the difficult topics with the staff members. They are encouraged to undertake study projects. Some of the study projects done by our students are guided by faculty members.

The slow learners are identified and they are encouraged to write assignments on the topics useful for the University examinations. Study material is provided for all the students on all the topics. The bright students are encouraged to collect material on novel topics such as differential equations, solid geometry, abstract algebra, linear algebra, real analysis, integral transforms.

EVALUATION:

The evaluation and assessment methods include Midterm tests, assignments, seminars through which the performance and progress of the students are evaluated periodically.

Extension

The department has a long history of fruitful interaction with the community. The department regularly organizes extension programs as part of their academic curriculum and often beyond it. These include

- Awareness campaigns
- Social service
- Evaluative studies
- Janmabhoomi
- Clean and Green programme

These programs have been mutually beneficial to the community as well as the college. Because of the interaction with the community, the department has been able to go beyond the class rooms and learn a lot about the people's perceptions, their needs, attitudes, aspirations etc. The effort has always been to help people help themselves and make them become active participants in their own development.