



**SUM GOVT.DEGREE COLLEGE
KONDANAGULA
NAGARKURNOOL-509209.**



**WELCOME TO COMPUTER
SCIENCE**

PROFILE

DEPARTMENT OF COMPUTER SCIENCE

SALIENT FEATURES OF THE COMPUTER SCIENCE DEPARTMENT

- ❖ The department was established in 2018.
- ❖ The department has one lecturer and a programmer.
- ❖ The department has well established computer lab and we have advanced technology computers.
- ❖ In addition to regular teaching aids, power point technology is used regularly.
- ❖ Study projects and assignments are given to the students.
- ❖ Conducting student's seminars on important topics.
- ❖ Organizing field trips relevant to the subject.
- ❖ The department has one lecturer with a programmer more teaching experience.
- ❖ The Computer Science Subject results in the University Exams are at an average of 58% every year.
- ❖ Teaching practices involve using of power point presentation.
- ❖ The Department provides additional curricular modules to the students.
- ❖ Quiz programmers and group discussion are conducted.

HISTORY OF THE DEPARTMENT

- ❖ The Department of Computer science was established in 2018-2019 with the restricted course M.P.Cs the Department started with 10 computers and subsequently 12 are added. The computers are arranged in the Computer Lab of 490 sqft with air conditioned facility.
B. Sc(M.P.Cs) self-financing course was started in 2018.
- ❖ Presently Sri P.MALLAIAH
- ❖ The department has advance technology.
- ❖ Since the establishment, the Department has acquired lot of material and equipment needed to conduct the Practical's.
- ❖ The faculty of Computer Science Department consists of one Lecturer with more teaching experience.
- ❖ The result in the subject of Computer Science in the University Examinations is at an average of 58% every year.
- ❖ The departmental library has reference books, paper clippings, previous Question Papers, Question Banks etc. which are kept for the use of students.
- ❖ Teaching practices involved using of charts, and PPTs etc.
- ❖ The department provides additional curricular modules to the students to give additional information.
- ❖ In addition to usual teaching aids the department makes use of Internet.

- ❖ The department conducts extension lectures every year by inviting prominent Lecturers and Readers from the departments of Computer Science technology.
- ❖ The students are evaluated regularly by conducting Internals, Assignments, Seminars and Quiz programs.
- ❖ Student who stand below average are treated with extra care.

ABOUT THE TEACHING FACULTY

S.NO	Name of the Lecturer	designation	Qualification	Specialization	Experience
1	Mr.P.MALLAIAH	Lecturer	M.Tech(cse)	DBMS,HTML	8 years

CURRICULUM VITAE



Name : P Mallaiah
Fathers name : P Ramulu
Gender : Male
Date of birth : 09-02-1991
Residence address : 3-77,Alair
(vi),Telkapally(M),Nagarkurnool(D).
Office address : SUM Govt. Degree college,kondanagula,
Nagarkurnool.
Contact no : 9010604235
Educational qualifications : M.Tech(CSE).
Designation : Lecturer
Date of joining : 16-11-2021
Recruitment : Guest Faculty
Teaching experience : 8 years
Extracurricular activities : Member in Computer Add on Program

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- ✚ He was worked as a lecturer in Computer Science in SUM Govt degree college Kondanagula Nagarkurnool. Since 16-11-2021
- ✚ Master of Technology from JNTUH From Hyderabad.

D a y	Class year	I	II	III	L U N C H	IV	V	IV
		MON DAY	I Yr	C Language				
II Yr			DS					Tutorial
III Yr				JAVA				
TUES DAY	I Yr		C Language					
	II Yr			DS				
	III Yr	JAVA						
WEDNES DAY	I Yr					C Language		
	II Yr	DS						
	III Yr						Java Lab	
THURS DAY	I Yr	C Language				Tuto rial		
	II Yr			DS			DS LAB	
	III Yr		Java					
FRI DAY	I Yr						C Language Lab	
	II Yr						Tutorial	
	III Yr		JAVA	Tutor ial				
SATUR DAY	I Yr			SEC				Tutorial
	II Yr	SEC						
	III Yr					SEC		

Work load of individual lecturer2021-2022

The Department of Computer Science has a work load of 21 hours per week. In addition to this all the lecturer involved in co-curricular activities.

CLASSES PER WEEK	THEORY	PRACTICAL	TOTAL CLASSES
I YEAR	4	1*3=3	7
II YEAR	4	1*3=3	7
III YEAR	4	1*3=3	7
TOTAL	12	9	21

S No	Name of the lecturer	Theory periods	Practical's	Total
1	P Mallaiah	12	9	21

INDIVIDUAL TIME TABLE

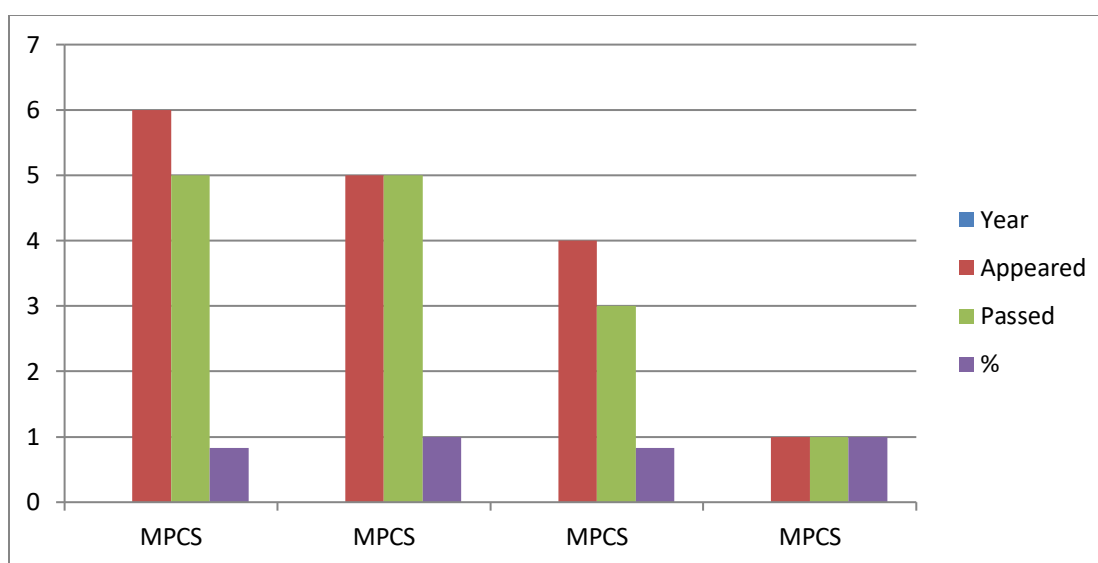
Name of the lecturer: P Mallaiah

DEPARTMENT OF COMPUTER SCIENCE TIME TABLE 2020-2021

TIME/DAY	1	2	3	LUNCH	4	5	6
	10.00-11.00	11.00-12.00	12.00-1.00		1.30-2.30	2.30-3.30	3.30-4.30
MON		V	III		I		
TUE	V	III	I		V		
WED	I				III		
THURS			III		I		
FRI	III		I		V		
SAT		V					

Results Analysis

Group	Year	Appeared	Passed	%
MPCS	2018-19	6	5	83%
MPCS	2019-20	5	5	100%
MPCS	2020-21	4	3	83%
MPCS	2021-22	1	1	100%



Curricular aspects

We follow the Syllabus framed by Palamuru University, Mahabubnagar. The Common core syllabus has been introduced in Andhra Pradesh with effect from 1993 by the state Council for Higher Education Hyderabad. The first year syllabus was revised in The year 2008-09, second year syllabus from 2009-10, and third year syllabus from 2010-11 Improvement of syllabus is done by incorporating the additional inputs. Annual curricular plan is prepared in the beginning of the academic year in which teaching and other Activities are related. In addition to the syllabus to create interest in subject additional inputs are given to the students

Additional inputs in the curriculum:

S.NO	Class	Name of the topic	Date	Name of the lecturer	Teaching aids
1	MPCs I(I SEM)	Power Point Presentation	29-11-2021	P Mallaiah	PPT
2	MPCs II(IV SEM)	Importance of DBMS	20-05-2022	P Mallaiah	PPT
3	MPCs III(V SEM)	Importance of java programming	16-12-2021	P Mallaiah	PPT
4	MPCs III(VI SEM)	Who to handle interview	22-04-2022	P Mallaiah	PPT

Teaching learning and evaluation

- ❖ Faculty take classes according to the **time table**.
- ❖ **Teaching diary**: is maintained regularly throughout the academic year.
- ❖ **Teaching methods**: Involves an informative lecture accompanied by demonstration wherever necessary.
- ❖ **Teaching notes**: The faculty members also give notes to the students. This effectively used for the students with this notes useful for the students.

- ❖ **Teaching aids:** Teaching aids are used for better understanding. We use teaching aids such as specimens, models, charts, OHP, PPTS, subject related animation videos.

Student Seminar

Certain topics are assigned to the students of MPCs I,II, and III years to participate in seminars. Many students actively participated in seminars.

STUDENTS SEMINARS LIST

S.NO	Date	Class	Name of the topic	Name of the student
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1	03-10-2018	MPCs I Year	C Data types	Haritha
2	03-02-2019	MPCs I Year	Arrays	K.Jyothi
3	21-05-2020	MPCs I Year (SEM II)	Tokens	N Ravindar
4	11-06-2021	MPCs I Year (SEM II)	Over loading functions	S Harshitha
5	11-04-2021	MPCs I Year (SEM I)	Data Structutr	Md Samreen
6	30-03-2022	MPCs I Year (SEM I)	Arrays	Varma

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S Harshitha MPCs II nd Year



K.Jyothi Mpcs 1 st Year

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N Ravindar MPCS III rd Year



Haritha MPCS Ist Year

Remedial coaching: remedial classes were conducted for BSc(MPCs) I and II year students by selecting academically weaker and failure students.

- ❖ **Quiz program:** It is conducted based on our UG Computer Science syllabus and we encourage the students to participate actively in the program.
- ❖ **Group discussion:** Students are divided into groups. Different topics are provided to the groups to discuss the topic. Group discussion was on the topic of value and threats of internal. Students actively participated in the discussion.
- ❖ **Bridge Course:** Introductory classes were taken by faculty members in the beginning of academic year of MPCs students to recollect and to inculcate the fundamentals of the computer science subject. Lecturer motivating the students to participate in group discussion.
- ❖ **Assignments:** Assignments are given to students to increase the student's learning capacity. For academically backward students assignments are given to the students to learn.
- ❖ **Extension lecture:** For the benefit of the students the department arranged the extension lecture.

VALUATION

The department conducts slip tests, internal exams and were conducted to record their progression. The performance of students is also evaluated by

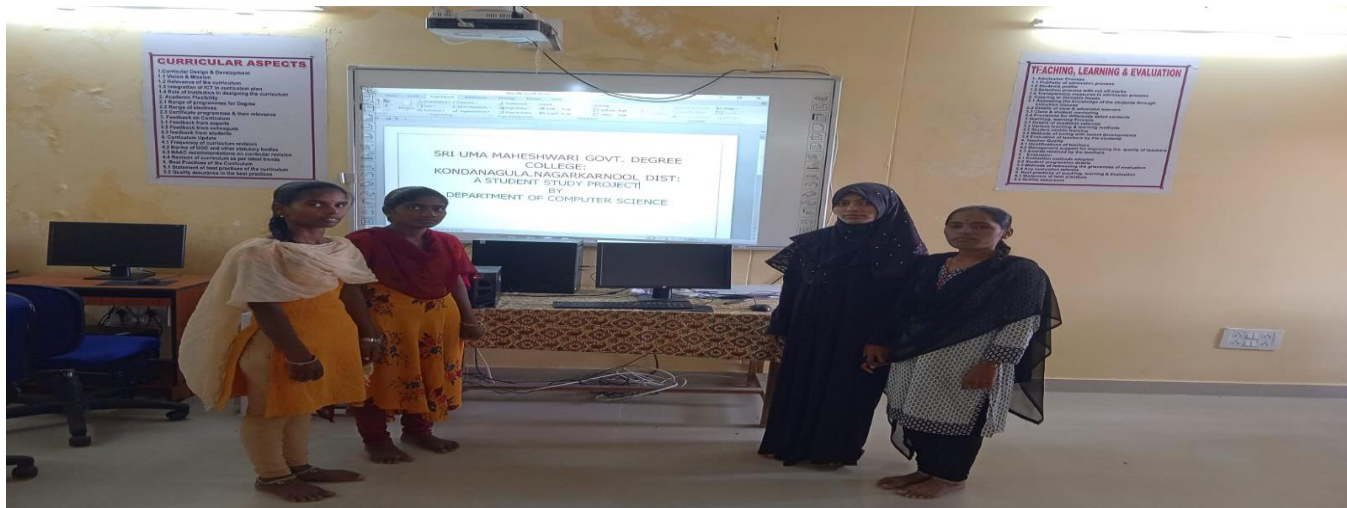
- ✓ Conducting quiz programs.
- ✓ Group discussion.
- ✓ Students Seminars.
- ✓ Assignments.
- ✓ Student involvement in the classroom in answering the questions orally related to the subject.

RESERCH CONSUNTANY AND EXTENSION

- **Study projects:** -To encourage the independent learning in addition to class room teaching some study projects are undertaken by the students. This helps the students to improve the writing skills and research culture. The bright students are selected study projects are given to them.

Student study project list

Academic year	Title of the project	Abstract
2019-2020	Blue Brain	Recollecting Data
2020-2021	AWARENESS AND USE OF INFORMATION TECHNOLOGY FOR ACADEMIC INFORMATION AMONG THE UG STUDENTS IN NAGARKARNOOL DISTRICT	Student Management System



Infrastructure and learning resources

- ✚ Central library is being used by the students to take the books. In addition to this we have departmental library with 116 books including academic books and reference books. These books are available to the students with the help of our faculty members.
- ✚ The department maintains previous question papers, questions banks for student's reference.

- ✚ The department has 12 Computers with internet.
- ✚ The department have one Projector with this help conducting classes through visual effect.



Students support and progression

- ❖ Based on the information present in the bio-data forms the department takes up counseling pertaining to academic and career matters.
- ❖ Students are motivated for higher studies.
- ❖ Students who studies Computer Science as optional subject are occupying good positions.

Organization and management

- Departmental meeting is being conducted to review the progress of the syllabus and practical's.
- The faculty member is involved actively in many committees of the college to help the college administration and for the development of college.
- Students are encouraged to participate in all events of national relevance like NSS day, AIDS awareness day etc.
- **K Ashok Kumar**
 - Academic Coordinator.
- **P Mallaiah**
 - Member in Computer Add On Program.

Best Practices

- Quiz programs are conducted periodically.
- Students are encouraged to participate in various college activities.
- Models, bio-visual charts, subject related downloaded animated videos are used in regular teaching.
- We are training to the students, how to assemble the system.
- We are training to the students, how to install software's into the system.



Student profile

The students are admitted into the U.G programmers having Computer Science subject as on of the optional subject. The students held mostly from rural and agricultural background of first generation of literals. Most of the students are economically backward. They shuttle to the college from nearby village on the buses by taking pass. As being a government college admission are according to thereservation quota as per government rules and regulations. Here mathematics, physics and chemistry combination is having very good demand.

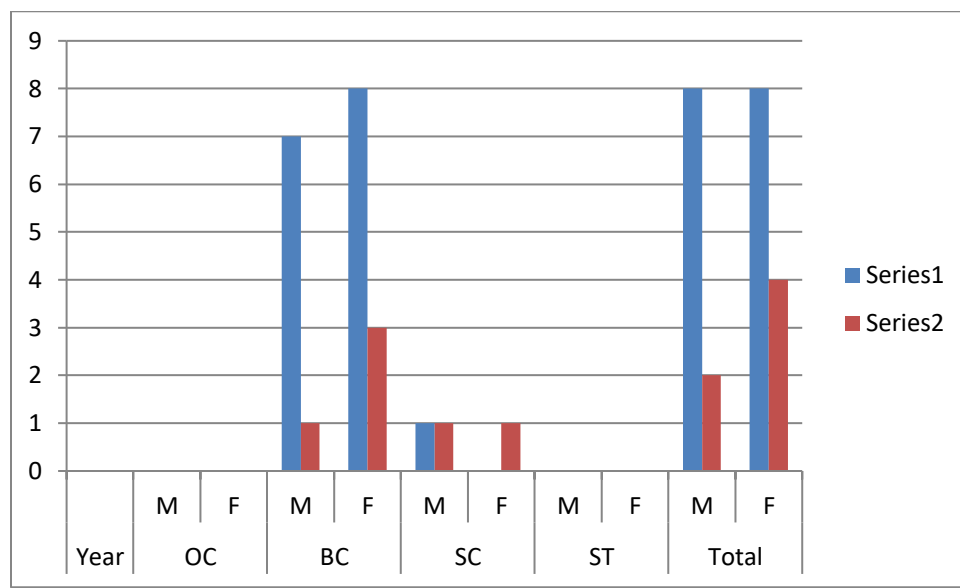
Most of students get government scholarship for pursuing their studies under different categories like SC, ST, BC, OBC, Muslims Minorities and also merit scholarships.

Students Strength Particulars of (M.P.Cs) for the Year 2018-19

2018-19

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1 st Year	0	0	2	4	2	1	2	1	6	6

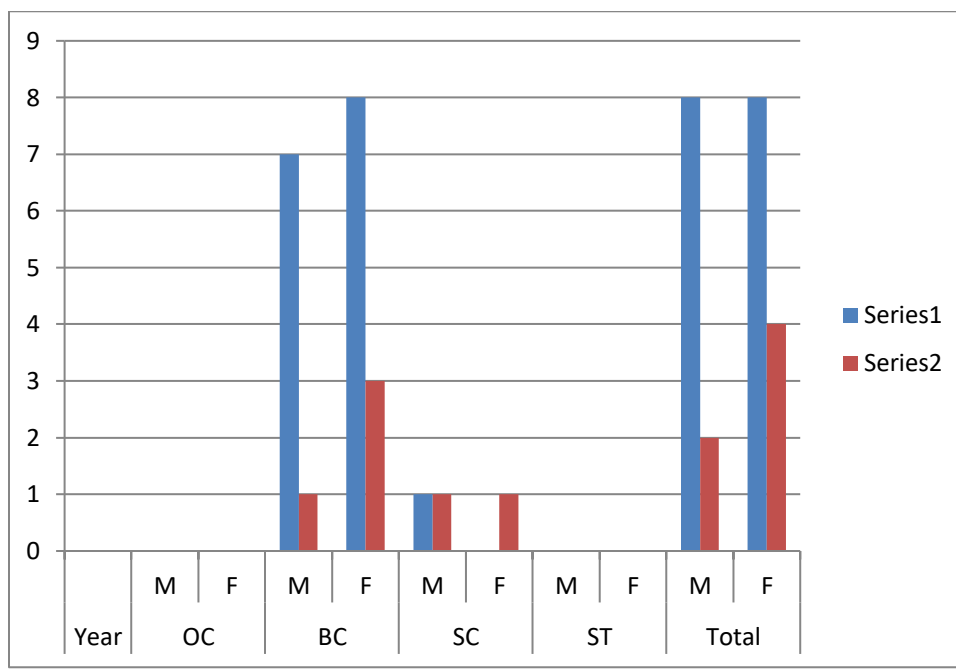
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2019-20

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	7	8	1	0	0	0	8	8
2nd Year	0	0	1	3	1	1	0	0	2	4

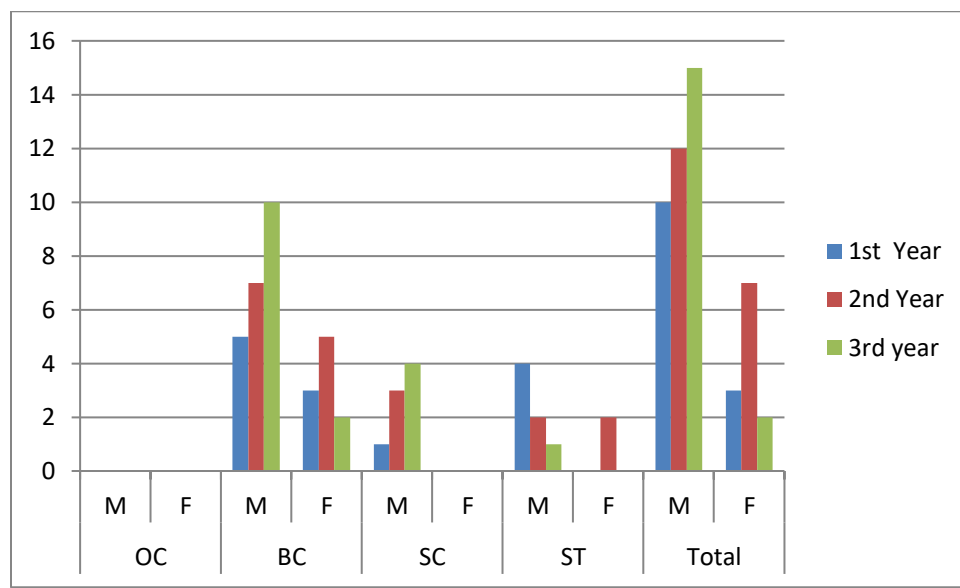
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2020-21

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	1	3	1	1	0	0	4	2
2nd Year	0	0	7	5	3	0	1	3	11	8
3rd year	0	0	10	2	4	0	1	0	15	2

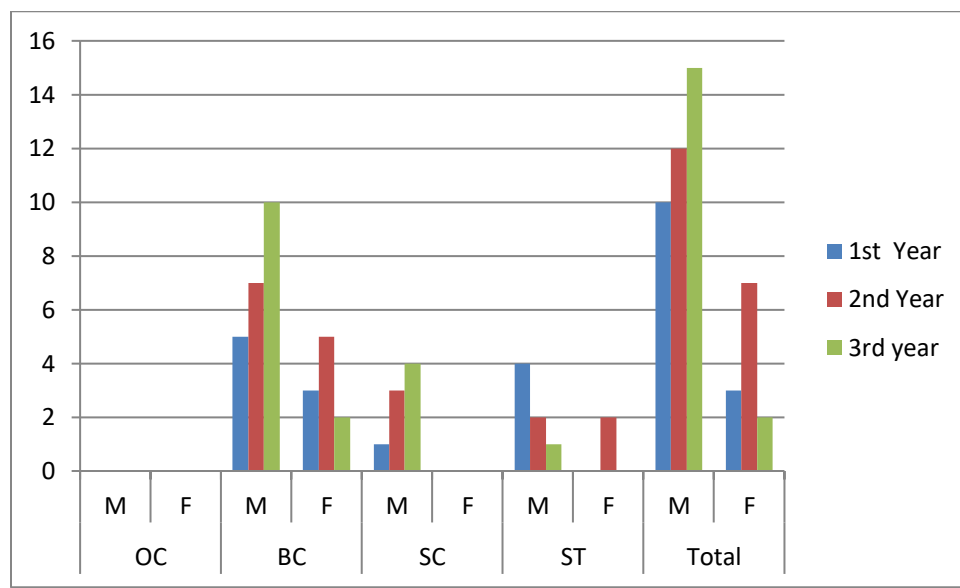
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2021-22

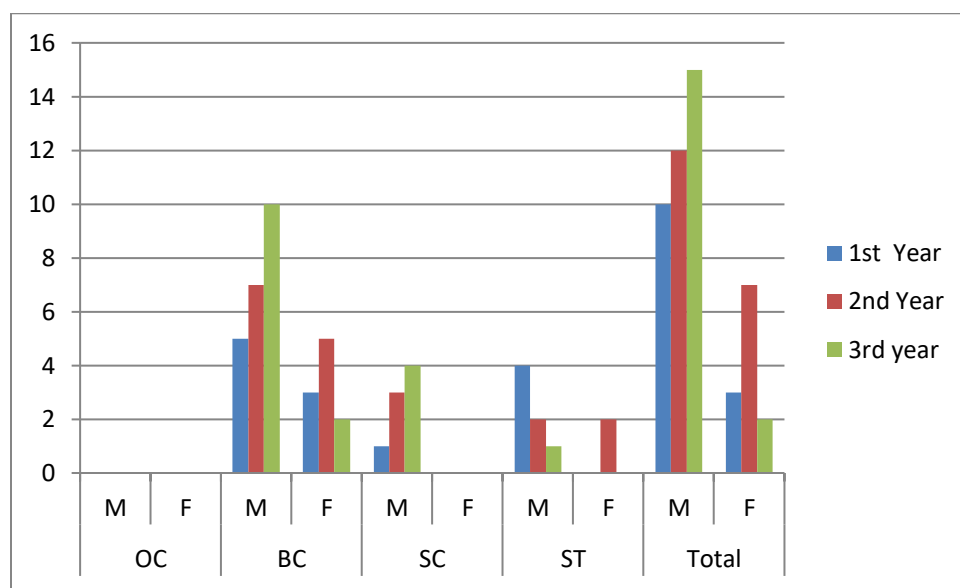
Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	7	5	3	0	1	3	11	8
2nd Year	0	0	10	2	4	0	1	0	15	2
3rd year	0	0	4	6	1	0	0	0	5	6

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2022-23

Year	OC		BC		SC		ST		Total	
	M	F	M	F	M	F	M	F	M	F
1st Year	0	0	05	3	1	0	4	0	10	3
2nd Year	0	0	7	5	3	0	2	2	12	7
3rd year	0	0	10	2	4	0	1	0	15	2



Action plan 2021-2022

- To concentrate more on student problems and to improve their results.
- Propose to contribute gold medal to Computer Science topper.
- Propose to organize outreach programs useful to the society like effect of adulteration, importance of internet to the rural back ground villagers.
- Concentrate on students to encourage E-Learning.

