

PROGRAM OUTCOMES, PROGRAM SPECIFIC OUTCOMES AND COURSE OUTCOMES:

All the courses/programmes offered by the Institution emphasise academic quality and an innovative approach to finding solutions. As a result, the Institution's learning outcomes empower students for higher studies, research, entrepreneurship, personality development, communication skills, problem-solving, teamwork, moral and ethical awareness, scientific reasoning, digital knowledge, preparedness for competitive examinations, and employability.

The Program Outcomes of BSc and BCA are as follows:

- PO1: The students understand the fundamentals of science education, and knowledge in all basic sciences is enriched.
- PO2: Interdisciplinary approach amongst students has been developed, and a problem-solving approach has been enhanced.
- PO3: A sense of scientific responsibility and social and environmental awareness have been inculcated among the students.
- PO4: Students build a progressive and successful career in academics and industry.
- PO5: Hands-on training through industrial visits, field visits, and collection of specimens of animals.
- PO6: In science exhibitions, the students formulate, undertake, and explain exhibits with the help of teachers. This total involvement enriches the students' curiosity, creativity, and inventiveness.
- PO7: Student seminars and student projects are organised to augment curriculum contents to become student-centric. As a result, logical thinking, problem-solving techniques, and analysing skills are developed.
- PO8: Guest lectures by eminent persons and industry experts are scheduled to expose the students to the latest developments in the subject of interest.
- PO9: The students develop professional insight and contribute to community development and nation-building by participating in co-curricular and extra-curricular activities.

The course outcomes are based on the following:

It has been observed that the passing percentages are increasing progressively. University examinations conducted at the semester end help in evaluating P.O.s. Besides, students' progress to higher studies from Under Graduate to Post Graduate has grown consistently and rapidly in the last five years. Employability is one of the chief outcomes of all college programs. Institute considers feedback from the stakeholders to attain P.O.s and Cos. The marks scored in university exams, internal assessment tests, and participation in classroom activities are essential indicators of Continuous Internal Evaluation. IQAC, HoDs and the Principal analyse the results. Student mentoring and identification of advanced and slow learners with appropriate initiatives like remedial classes are engaged.

The University ranks secured by our students are also evidence of the attainment of programme outcomes.

The teacher's observations during classroom teaching concerning the interaction they establish in the class, cross-examining their comprehension of the topic by raising a few simple questions, attendance, informal and formal feedback, active participation in the academic activities and shouldering the responsibilities during various events in the college are some of the formative assessment approaches adopted in the college.

Summative assessment, done through regular tests, assignments, practical tests, projects, and seminars, measures the student's progress to determine whether learning goals have been met. It resulted in students excelling academically by scoring high marks in the University examination and securing ranks.

IQAC periodically assesses the teaching and learning process, and an action plan is evolved. It decides the measures to be taken to improve and sustain the quality of higher education.

RANK LIST

MEGHANA HS
2ND RANK - PCM



BHAVYA P
6TH RANK - CBZ



PASS PERCENTAGE OF STUDENTS: FINAL YEAR (SIXTH SEMESTER) : 2020-21

PROGRAMME NAME	PROGRAMME SPECIALIZATION	NUMBER OF STUDENTS APPEARED IN THE FINAL YEAR EXAMINATION	NUMBER OF STUDENTS PASSED IN FINAL SEMESTER/YEAR EXAMINATION	PASS PERCENTAGE
B.SC.	CHEMISTRY BOTONY ZOOLOGY	55	45	81.82
B.SC.	PHYSICS MATHEMATICS COMPUTER SCIENCE	14	9	64.29
B.SC.	PHYSICS MATHEMATICS ELECTRONICS	20	16	80.00
B.SC.	PHYSICS CHEMISTRY MATHEMATICS	47	39	82.98
BCA	COMPUTER SCIENCE	56	44	78.57

SUBJECTWISE PERCENTAGE:

SUBJECT	PASS PERCENTAGE
PHYSICS - 7	97.44
PHYSICS - 8	93.59
CHEMISTRY - 7	95.10
CHEMISTRY - 8	90.20
MATHEMATICS - 7	87.18
MATHEMATICS - 8	88.46
ELECTRONICS – 7	100
ELECTRONICS – 8	100
COMPUTER SCIENCE – 7	92.86
COMPUTER SCIENCE – 8	92.86
BOTANY – 7	81.82
BOTANY – 8	94.55
ZOOLOGY – 7	98.18
ZOOLOGY - 8	98.18

PASS PERCENTAGE OF STUDENTS: SECOND YEAR B.Sc. (FOURTH SEMESTER) : 2020-21

PROGRAMME NAME	PROGRAMME SPECIALIZATION	NUMBER OF STUDENTS APPEARED IN THE FINAL EXAMINATION	NUMBER OF STUDENTS PASSED IN FOURTH SEMESTER	PASS PERCENTAGE
B.SC.	CHEMISTRY BOTONY ZOOLOGY		PROMOTED	
B.SC.	PHYSICS MATHEMATICS COMPUTER SCIENCE		PROMOTED	
B.SC.	PHYSICS MATHEMATICS ELECTRONICS		PROMOTED	
B.SC.	PHYSICS CHEMISTRY MATHEMATICS		PROMOTED	
BCA	COMPUTER SCIENCE		PROMOTED	

PASS PERCENTAGE OF STUDENTS: FIRST YEAR B.Sc. (SECOND SEMESTER) : 2020-21

PROGRAMME NAME	PROGRAMME SPECIALIZATION	NUMBER OF STUDENTS APPEARED IN THE FIRST YEAR EXAMINATION	NUMBER OF STUDENTS PASSED IN SECOND SEMESTER	PASS PERCENTAGE
B.SC.	CHEMISTRY BOTONY ZOOLOGY		PROMOTED	
B.SC.	PHYSICS MATHEMATICS COMPUTER SCIENCE		PROMOTED	
B.SC.	PHYSICS MATHEMATICS ELECTRONICS		PROMOTED	
B.SC.	PHYSICS CHEMISTRY MATHEMATICS		PROMOTED	
BCA	COMPUTER SCIENCE		PROMOTED	