

ACADEMIC AUDIT REPORT

SESSION: 2017-2018

1. Name of Department	: Department of Computer Science
2. No. of full-time permanent teachers	: Five
3. Student Teacher Ratio	: 35:1
4. No. of PG / UG courses	: Two; BSc Computer Science and MSc Computer Science
5. No of students passed (B Sc)	: 69%
No of Students Passed (MSc)	: 94%
6. No. of Research Publications	: 4
7. No.of students went for Higher studies	: Above 80%(UG)
8. No of students qualified NET	: 4
9. No.of students qualified PhD	: 1
10. Strengths:	

i. Courses offered :

Core course for B Sc Computer Science
Core course for M Sc Computer Science
Complementary course for B Sc Mathematics
Complementary course for B Com with Computer Application
Open Course in Computer Science for UG students of our college

ii. Relevant curriculum and syllabi: The syllabus prescribed by Kannur University is followed. Our department gave detailed inputs for syllabus updating and these were accepted.

iii. Learner-centric teaching and learning process:

Classroom teaching is blended with ICT-enabled learning, group discussions, problem solving, seminars, peer learning, assignments, group teaching, invited lectures and project work.

iv. Academic plan and time table:

At the beginning of each semester, academic plan and time table are prepared in consultation with all the teachers of the department. In subsequent departmental meetings, teachers continuously review the plan and suitable changes are made on the basis of evolving needs. The entire syllabus is covered by the teachers in each semester even when classes are lost due to external reasons.

v. Continuous Internal Assessment

We continuously assess the performance and progress of students by conducting internal examinations, class tests, assignments seminars, etc.to support learning. The process is diagnostic and evaluative and detailed feedbacks are given to students for improvement.

vi. Participation in Boards of Examination:

All the teachers of the department take part in the conduct and evaluation of university examinations as Chief Examiners, Additional Examiners and as External Examiners for practical and project evaluation. Two Teachers are chairman, Board of Examinations.

vii. Good parent-teacher communication:

Regular PTA meetings are held. We communicate with parents also through phone calls when required. The academic performance of

students is communicated after exams. Besides, parents also meet us in person to discuss the progress of their wards.

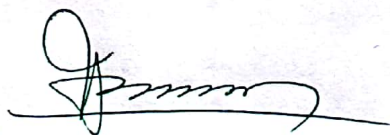
- viii. Feedback system: Feedback on the overall learning experience is taken from outgoing students, parents, teachers and alumni. After analysis, the report is submitted to the IQAC and the Principal for evaluation and suitable action where required.
- ix. Remedial coaching for each class: Each semester the teachers of the department conduct remedial coaching for students in need of additional support for their studies.
- x. Mentoring: Effective mentoring system is followed in the department through personal discussions and counselling. This helps students to set their aims and goals and to work towards them with regular teacher support and encouragement. The mentors are approachable, supportive and understanding.
- xi. Student participation in extracurricular and institutional activities: Most of the students take part in NCC, NSS, sports, cultural activities and also secure grace marks. They also contribute actively to the corporate life of the institution. Every year some are also members of the College Union.
- xii. Lab Facility : Two well-equipped laboratories for UG and PG.
- xiii. Pass Percentage
BSc Computer Science: 69%
MSc Computer Science: Outstanding performance of the MSc students in their university examinations with 94%

11. Weaknesses:

1. Insufficient number of permanent faculty.
2. Very less industry exposure
3. Less campus recruitment facility.

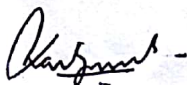
12. Recommended Actions:

- To set up Research Centre in Computer Science (M.Phil and PhD Programmes).
- To enter into tie-up with research organization and industry for research, teaching, and student's exchange and training programs.
- To submit proposals to organize Conferences /Seminars and to undertake research projects by all faculties.
- To publish research papers in journal and reputed national and international conferences more than one paper in every year by all faculties.
- To do research to obtain international and national patents in computer science and allied area.

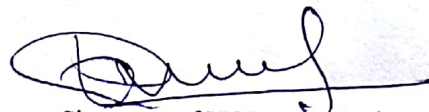


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