

Report of the Academic Audit of Christian College, Chengannur-2016

Christian College, Chengannur, affiliated to the University of Kerala was established in 1964 by the Mar Thoma Syrian Church. It is an arts and science college which offers nine UG and five PG programs and one research programme. The college was first accredited by the NAAC in 2005 with B⁺ grade and was re-accredited with A grade in 2012.

The college has the practice of conducting academic audit every year by a committee constituted by the Management and IQAC. The committee was constituted with Dr. M.K. Baby, Associate Professor, Devagiri College and Dr. Philipose Oommen, Associate Professor, Catholicate College, Pathanamthitta, as members to conduct its academic audit during the period from June 2015 to December 2016. The audit was conducted on 31st January 2017. The committee after studying the report submitted by different departments visiting the faculty, staff and members of IQAC, submitted their observations and recommendations in form of the Audit report that has been presented below.

Department of Mathematics

Department of Mathematics has four permanent faculties. Courses offered by the department includes Core courses for B.Sc, Complementary course for Physics, Open courses for UG students and also a short term certificate course on La Tex.. The faculties were in charge of various university duties, convenors and members of various clubs. The department conducted three seminars and the faculty members also participated in national and international seminars/workshops conducted by other institutions. Various association activities have been organized by the department. The extension activities were also conducted. Various programs for improving the quality of the students have been done by the department. Measures were adopted for reducing the dropouts and giving financial support to the needy students. The pass percentage of UG students is 61.54 %. Four students qualified the SET.

Recommendations

1. Regular conduct of remedial coaching for improving the results
2. Proper input and output profile of students to be maintained
3. Organize more workshops and seminars
4. Avail more projects from various funding agencies
5. Publish more research papers in reputed journals
6. Initiate collaboration with other institutions

7. Up gradation to PG department

Department of Physics

The Department of Physics and Research Centre has eight permanent faculties and two guest faculty. Courses offered by the department includes Core courses for B.Sc and M.Sc, Complementary course for Mathematics and Chemistry, Open courses for UG students and two courses, one in MS office and the other in Advanced computing. The department has a good collection of library books. The research department has Four Major project funded by DST, SAARD and KSCSTE. Four of the eight permanent faculty members are research guides and nine students are pursuing Ph.D under their guidance. The department has one book publication and 14 published research papers in their credit during the evaluation period. The department conducted one national seminar, one workshop and two invited talks and the teachers actively participated in seminars and workshops conducted by other institutions. The department has inter-institutional collaborations with Physics departments of CUSAT, MG University, Kerala University, Mar Ivanious College, Bishop Moore college and MSM college. The faculties have been in charge of various university duties, convenors and members of various clubs and have also taken roles as educational consultants to schools and are members of educational and health committees of gramapanchayath. Various measures have been taken by the department to enhance the quality of the students, for reducing the dropouts.

Recommendations

1. Organize more workshops and seminars
2. Needs to initiate more Consultancy work
3. Feedback from students about department
4. Improve Internet connectivity
5. Initiate practices like e-waste management and sustainable development

Department of Chemistry

The department includes seven permanent faculty members and two guest faculties. Department offers Core course for B.Sc and M.Sc, Complementary course for Botany and Zoology, Open courses for UG students and also conducts a short term course on *Water*

Analysis. The faculties are also involved in Syllabus revision and other University responsibilities such as Chairman of University Practical exams and as external examiners, and as member of Editorial Board of Journals. They are also involved as Teachers-in-charge, Mentors, Convenors or members of different committees and clubs of the college. They have 2 ongoing and 2 completed research projects funded by KSCSTE and UGC in the current academic year. Two publications in reputed journals have been produced by the faculty members. The faculty members also attended various seminars and workshops conducted by other institutions. The department conducted 2 seminars and also various association and extension activities. The decision of the department to extend Soil and Water analysis project is commendable. The department has collaboration with CTCRI, Kayamkulam. The results of students passed for B.Sc and M.Sc in 2016 is 24.13% and 84.6% respectively. Five students have got funding for their projects, one student qualified the UGC – JRF exam and joined for Ph.D, one student qualified the SET exam. Two PG students have been selected for placement as Chemist and Production Engineer. The department is also adopting innovative teaching methods and giving financial support to students.

Recommendations

1. Regular conduct of Remedial coaching for improving the results
2. Needs to initiate Consultancy work
3. Feedback from students about department.
4. MoU with other institutions
5. Initiate best practices in Chemical waste management
6. Organize National seminars
7. Publish more research papers in reputed journals

Department of Botany

The department includes three permanent faculties and one guest faculty. Department offers Core course for B.Sc, Complementary course for Zoology, Open courses for UG students and also one short term course on *Mushroom Cultivation*. The department is maintaining botanical garden in the campus. Teachers are involved as teacher in charges, Mentors, Convenors and members of different committees and clubs of the college. The department has one ongoing

project funded by UGC. The faculty members also attended various seminars and workshops conducted by other institutions. The department has conducted 2 seminars and organized association and extension activities. The department library has a good collection of books. The department adopts innovative teaching methods, conducts frequent tests, group discussions, encourages field studies, practical demonstrations and gives financial support and also provides text books free of cost to needy students. The faculties are also giving them regular counseling and mentoring. The results of students passed for B.Sc in 2016 is 27%.

Recommendations

1. Regular conduct of Remedial coaching for improving the results
2. Feedback from students about department.
3. MoU with other institutions
4. Organize seminars or workshops
5. Avail more projects from various funding agencies
6. Publish more research papers in reputed journals
7. Up gradation to PG department

Department of Zoology

The department includes four permanent teachers with Ph.D degree and four guest faculties. Department offers Core course for B.Sc and M.Sc, Complementary course for Botany, Open courses for UG students and also conducts a short term course on *Aquarium Management and Construction*. The teachers are also involved in curriculum restructuring and University responsibilities such as Chairman of University Practical exams and as External examiners. They are also involved as teacher- in-charges, Mentors, Convenors or members of different commutes and clubs of the college. Two members serve as resource persons conducting research programmes. They have ongoing research projects funded by FIST (DST) and UGC. The faculty members are also engaged in guiding students in various UG and PG Projects and published about eleven research papers. The department conducted 3 seminars and also various department association and extension activities. The results of students passed for B.Sc is 19.4% and that of M.Sc is 93%. One of the PG students secured third position in Kerala University and one student qualified the UGC – CSIR Exam.

Recommendations

1. Sufficient number of permanent faculty should be appointed
2. Regular conduct of Remedial or Enrichment classes for improving the results
3. Arrange programs for students to develop Communication and soft skills
4. Organize more workshops and seminars
5. Publish more research papers in reputed journals
6. Department should be upgraded to Research Centre

Department of Economics

Department of Economics has five permanent faculties and two guest faculty. Courses offered by the department includes Core courses for B.A and M.A, Complementary course for History, Open courses for UG students and two add on courses one in MS office and the other in Computer Assembling. The department has a good collection of reference books. During the period, the department has one ongoing Major project funded by World Bank and completed 2 Minor research projects funded by UGC. The faculties were in charges of University duties, Higher education programs (WWS), conveners and members of various clubs. The department conducted 4 seminars and the faculty members also participated in seminars or workshops conducted by other institutions. Various association activities have been organized by the department including alumni meets. Extension activities were also conducted. It is commendable that they adopted a Lower Primary School. Various programs for improving the quality of the students have been done by the department like peer teaching, incorporation of latest technologies in teaching methods. Measures adopted for reducing the dropouts and giving financial support to the students by the department is quite appreciable. The pass percentage is 36% for UG and 79% for PG.

Recommendations

1. Regular conduct of Remedial coaching for improving the results
2. Proper input and output profile of students to be maintained
3. Organize more workshops and seminars
4. Publish more research papers in reputed journals
5. Initiate collaboration with other institutions

6. Up gradation to Research department

Department of History

The department has three permanent faculties and one guest faculty. Courses offered by the department include Core courses for BA, Complementary course for Economics and Open course for UG students. The department has completed two minor projects funded by UGC. The faculties published two research papers and presented 7 papers in various national and international seminars. The department also conducted two seminars in the college. The faculties were in charges of various university duties, conveners and members of various clubs. The department organized quiz competition in information technology training. The department is providing financial support to the needy students. The pass percentage is 10% for UG.

Recommendations

1. Regular conduct of Remedial coaching for improving the results
2. Organize more workshops and seminars.
3. Organize both academic and social extension activities
4. Organize more workshops and seminars
5. Publish more research papers in reputed journals
6. Up gradation to Research department

Department of English

Department of English has 11 permanent teachers. Courses offered by the department includes Core courses for BA and M.A, Complementary course, Open courses for UG students. During the period, the department has completed one minor project and has two ongoing projects funded by UGC. The faculties published 7 research papers. The faculties were in charges of various university duties, conveners and members of various clubs. The department conducted 5 seminars and the faculty members also participated in seminars or workshops conducted by other institutions. Various departmental and association activities have been organized by the department. Three students secured placement as assistant professors and 9 students were absorbed in aided and unaided schools. The department is taking initiatives for improving the quality of the students. The pass percentage is 42% for UG and 75% for PG.

Recommendations

1. Support to students for preparing NET exams
2. Organize more workshops and seminars
3. Publish more research papers in reputed journals
4. Up gradation to Research department

Department of Commerce

The department of Commerce has four guest faculties. Courses offered by the department include Core courses for B.Com and a short term certificate course. The department organized quiz competition in information technology training. The pass percentage is 68% for UG.

Recommendations

1. Sufficient number of permanent faculty should be appointed
2. Organize more workshops and seminars.
3. Organize both academic and social extension activities.
4. Proper input and output profile of students should be maintained.
5. More emphasis should be given for documentation and presentation of data.


Dr. M. K. Baby


Dr. Philipose Oommen