

POST GRADUATE DEPARTMENT OF MATHEMATICS
ACTION PLAN FOR THE YEAR 2019-20

Criterion I: Curricular Aspects

The department is conducting department meetings regularly, once in two months - Prepare teaching plan for UG and PG classes for the academic year - Maintain department report compiling all the activities of the department - Conduct external lecture by our alumni Dr. Shine C. Mathew - Conduct Add-on-course on MS OFFICE - Begin online courses for UG and PG students – Provide courses like bank coaching, computer courses (Saturdays of January) - Conduct weekly mathematics quiz competition, powerpoint presentation competition - Conduct Inter Collegiate MATH FEST during last week of November - Conduct Career Orientation Programme (NET/SET/Maths Based Competitive Exam Orientation) for both UG & PG students in association with MATHLAB Institute.

Criterion II: Teaching, Learning and Evaluation

Walk-with-a scholar program for advanced learners in UG level. Remedial coaching for slow learners (evening on working days) NET/SET coaching classes - Peer teaching -Classes using LCD projectors/ smart class room Mentoring for students.

Criterion III: Research, Innovations and Extension

Faculty members are encouraged to do research - Minor research projects for faculty (UGC MRP) - Academy-Industry/Corporate projects - Projects for final year UG and PG Students - Publish papers in UGC approved journals - Present and publish papers in conference proceedings - Internships for UG and PG students - Conduct Mathematics classes for school students by II and III year UG students during Thursdays and Fridays as part of 'Sundaraganitham' Project in association with St. Mary's Boys High School, Kuravilangad.

Criterion IV: Infrastructure and Learning Resources

Moodle online test- Digitalized version of rare books to be prepared - Motivate students to use e-journals - Soft copies of projects of UG and PG students will be maintained.

Criterion V: Student Support and Progression

Maintain details of scholarships that students get from govt. and other agencies - Increase no. of scholarships - Bridge courses for complementary students (for students with non-mathematical background - Details of placements will be maintained as soft copies - Details of student progression to higher studies - Details of students who have passed NET/SLET etc - Representation of students in grievance cell, dept. association - Student IQAC- to contribute more to the college.

Criterion VII: Institution Values and Best Practices

Mathematics classes for school students by II and III year UG students during Thursdays and Fridays - Career Orientation Programme for both UG & PG students in association with MATHLAB Institute - Photo album of our students.