

UNIVERSITY OF CALICUT – M.Sc (PHYSICS) (CCSS) 2019 Admission onwards

In addition to the courses for the mandatory requirement of a programme, there will be two compulsory courses - Ability Enhancement Course (AEC) & Professional Competency Course (PCC), each with 2 credits, and these courses are to be done within the first two semesters. The credits will not be counted for computing the overall SGPA/CGPA of the student. The concerned department shall conduct examination for these courses and shall intimate /upload the results of the same to the University on the stipulated date during the III Semester. The student has to obtain only minimum pass requirements in these two courses. The broad framework of the compulsory audited courses are given hereunder.

SEMESTER- 1 - PHY1A01- ABILITY ENHANCEMENT COURSE (AEC)

Internship/Seminar Presentation/Publications/Industrial or Practical Training/Community linkage programme/Book reviews etc. Concerned Department Council/BoS can design appropriate AEC & PCC and evaluation criteria by considering the relevant aspects in the core areas.

This course will be in the form of a seminar on a topic in physics. Each student has to prepare for and present a seminar on a topic in physics, which will be evaluated based on its content, report and presentation. The student also has to write an essay on this topic and present it at the end of the first semester.

SEMESTER -2- PHY2A02 - PROFESSIONAL COMPETENCY COURSE (PCC)

To test the skill level of students like testing the application level of different softwares such as Latex/ Data visualization/ Python/ Any software relevant to the programme of study/ Translations etc.

This audit course for the second semester shall be a course designed by the supervisor (faculty of the department) in experimental physics/theoretical physics/computational physics/software or related fields in physics with two credit points and it will be evaluated based on the documents prepared.