



CHRIST COLLEGE (AUTONOMOUS)

Affiliated to University of Calicut and Accredited by NAAC 'A' Grade
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Introduction to biomedical imaging techniques (Value Added Certificate Course)

Summary Report 2019-2020

Course Code: CPCC22

The course started on October 3, 2019. 11 students joined for the course and all students completed the course. The course was of 40 hrs duration. The duration of course was as 15 weeks (2 hrs per week). Students enjoyed the group sessions and detailed classes and, in their feedback, requested for more such sessions in the future.

Course Outcome:


The students enjoyed the sessions. X-Ray imaging, CT scan, ultrasound imaging, magnetic resonance imaging, and other techniques like positron emission tomography, single photon emission computed tomography and endoscopy were introduced and detailed classes were given. The clinical applications of these techniques were discussed and a group discussion was held among the students so as to improve their knowledge on medical physics and its applications.

The sessions included a detailed class on different types of bone fractures and how it can be seen using the techniques mentioned above. One of the major outcome of the course was to familiarize students with medical imaging techniques, the physics in medical field and also to introduce the applications of it in our daily life. All of the students attended the sessions carefully, interacted well and improved their knowledge about advantages and disadvantages of imaging techniques.

The course also aimed on familiarization with terminology, components, equipments, physics behind the working of imaging techniques, explanations on scans like cerebral scans, abdominal scans

Course Coordinator: Dr. Sudheer Sebastian




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