Department of Electronics and Communication Engineering

Organized a one Day Short Term Course

on
"MOOCS, OER, Blended Learning and Flipped Classroom"

About Course:

It is an instructional methodology, a teaching and learning approach that combines face to-face classroom methods with computer mediated activities to deliver instruction. This pedagogical approach means a mixture of face-to-face and online activities and the integration of synchronous and asynchronous learning tools, thus providing an optimal possibility for the arrangement of effective learning processes. Blended learning is the term given to the educational practice of combining digital learning tools with more traditional classroom face to face teaching. In a true blended learning environment, both the student and the teacher should be physically located in the same space. Despite this, the digital tools used should be able to be utilized by the students in order to enforce some control over the speed or topics of their learning. The flipped classroom model is a similar program that aims to utilize technology in order to rearrange the learning experience and maximize the effectiveness of valuable face to face time in the classroom. In a flipped classroom method, students would be encouraged to access digital learning materials via a cloud-based learning platform during their own time. Resources such as video lectures, podcasts, recordings and articles would be provided in order to transfer the main bulk of the necessary knowledge from teacher to student before each class. This then frees up time in class for teachers to support students in activities, lead discussions and facilitate engagement.

About RGUKT:

Rajiv Gandhi University of Knowledge Technologies (RGUKT) Basar is unique university which actively uses Information and Communication Technology (ICT) in teaching. It is perhaps the first of its kind in the country with an educational model that is intensely ICT based. Established by the Government of erstwhile Andhra Pradesh vide a special act of legislation, this campus is loacated at the holy land of Basar (the abode of Gnyana Saraswathi, Goddess of knowledge) in Nirmal District (Telangana State). The campus is set in about 272 acres of salubrious and serene surrounding just a short distance from the banks of river Godavari.

The primary objective of establishing RGUKT is to provide high quality educational opportunities for the rural youth of the state. The selection process follows approved rules and has very high competition where only the top rural graduates (mostly within the top 5%) get the opportunity to study at RGUKT. The University houses about 6000 students along with 250 faculty members and 120 support staff within its campus. The residential university comprises of Academic blocks with more than 140 ICT equipped classrooms, well – equipped laboratories, libraries with more than 1,00,000 volumes, boys' and girls' hostels and mess blocks that provide quality and nutritious food.

About ECE Department:

The Department of Electronics and Communication Engineering was started in the year 2010 with four-year undergraduate programs in ECE. Since then, the department has grown in the manifold and has become one of the important departments in the University. The department also offers a M. Tech program, from the academic year 2016-17 and offering M. Tech in ECE. The department maintains a close liaison with industries and ensures that students are trained as per the current need of the society. The curriculum provides in-depth knowledge of both hardware and software skills. The department is fully fledged with adequate infrastructure and state-of-art laboratories and advanced simulation tools for carrying out research.

Resource Person:

 Mr. V S S K R Naganjaneyulu Gudapati
Asst. Prof & HoD, ECE.

Program Coordinator:

Mr. Boinapalli Venkanna
Asst. Prof. in ECE

Venue: **VLSI Laboratory, ECE Block**
Date: **3rd August 2021**

Photographs of the Program