



केरल केन्द्रीय विश्वविद्यालय CENTRAL UNIVERSITY OF KERALA

(संसद के अधिनियम, वर्ष 2009 द्वारा स्थापित / Established under the Act of Parliament in 2009)

Minutes of BOS in Computer Science Held on 05/01/2019 at 11 AM

- Agenda:**
- To discuss about the Syllabus
 - To discuss about the feedback of students
 - To start Centre for Computational Intelligence
 - To decide about the eligibility criteria for M.Sc. Computer Science
 - To discuss about the panel of examiners and question paper setting

The following members were present during the meeting.


- Dr. Arunkumar Thangavelu, Professor, Dept. of Computer Science and Engineering, VIT
- Dr. K.A. Germina, Associate Professor, Department of Mathematics
- Dr. Rajesh R, Head, Department of Computer Science
- Mr. Kumar V.

- The BOS members have gone through the previous syllabus and current syllabus proposed by FC based on brainstorming workshop on curriculum development held on 04/01/2019. The BOS observes the improvement in the new curriculum/syllabus and approves the same.
- The BOS has gone through the feedback of the students of 2016-18 batch and considered the suggestions. Two exemplary students cleared the NET exam and two students got placed in TCS.
- The BOS recommends for starting of a Centre for Computational Intelligence based on the recommendations from the FC. Initially, Dr. Rajesh R. will serve as the Director for the centre.
- Based on the recommendation of FC, the BOS recommends to amend the eligibility conditions for M.Sc. Computer Science admission as
BCA or B.Sc (Computer Science/electronics/communications/IT/Bioinformatics) or B.Tech/BE (Computer Science/electronics/communications/IT/electrical/ECE) or B.Sc. in Physics/Mathematics/Statistics (with computer science as a subject or having a certificate/diploma in computer related areas) or B.Voc (computer science/IT/electronics/electrical/ECE)
- The BOS recommends the panel of examiners/question paper setters suggested by the FC.

The meeting ended with vote of thanks.


Dr. Arunkumar Thangavelu
5th Jan 2019


Dr. K.A. Germina
5/1/2019


Dr. Rajesh R.


Mr. Kumar V.

**CENTRAL UNIVERSITY OF KERALA
DEPARTMENT OF COMPUTER SCIENCE
M.Sc. COMPUTER SCIENCE – PROGRAMME STRUCTURE**

OPEN ELECTIVE COURSES (for other departments)*					
COURSE CODE	COURSE TITLE	CONTACT HRS/WEEK			CREDITS
		LEC	LAB	TUT	
CSC5076	Enjoyable programming	2	1	1	4

This is a problem solving and **employability based skill development course**.

Course Objective:

The objective of the course is to provide theoretical and practical aspects of enjoyable programming.

By completing this course, students will obtain the following course/learning outcomes:

1. Knowledge to be gained:
 - (i) Programming concepts and its usage.
2. Skill to be gained:
 - (ii) Visual modelling of environment and its coding
3. Competency to be gained:
 - (iii) Development of videos and games

Prerequisites: Nil

Grading:

Lab implementation	– 30%
Assignment/Quiz/presentation	– 5%
Class Test	– 5%
Final Exam	– 60%

CSC5076 – Enjoyable Programming

Module 1

Introduction to programming, conditional statements, loops

Module 2

Introduction to Alice, programming constructs available in Alice, modelling using Alice, case studies.

Module 3

Introduction to Scratch, programming constructs available in Scratch, modelling using scratch, case studies.

Module 4

Working with Blockly, CoderZ, Tynker. Case studies.

Reference

1. Alice Programming, Harold L Rogler, Kendall/Hunt Publishing Co ,U.S.; Second edition, 2016
2. Computer Coding for Kids: A unique step-by-step visual guide, from binary code to building games, Carol Vorderman, DK Children, 2017