

Minutes of the meeting of the Board of Studies in Computer Science (BOS/CS22-8th) for the B.Sc Computer Science Programme of CMS College Kottayam (Autonomous) held at 10:00 am on 19-08-2022.

Members Present

1. Delsey M.J - Chairman
2. Dr. Rajeev R - Member
3. Ms. Ayyamel PC - Member
4. Dr. Kannan B - Subject Expert
5. Mr. Raju kurien - Beneficiary Representative
6. Mr. Harish Kumar B - Alumni Representative

M.J
 HPV
 Kannan

[Signature]
 Kannan

Ms. Delsey M J, Head of the Department of Computer Science, CMS College Kottayam (Autonomous) chaired the meeting.

The meeting started with silent prayer.

The Chairman welcomed the members of the Board of Studies (BOS) in Computer Science to the meeting. In her introductory remarks, she pointed out the significance of B.Sc Computer Science. She appreciated the members for their active participation in approving the syllabus of B.Sc Computer Science Programme. The following resolutions were taken after the discussions.

Curriculum of B.Sc Computer Science Programme

The syllabus of B.Sc Computer Science programme of the Mahatma Gandhi University forms the basis of the present syllabus recommended for the B.Sc Computer Science Programme of Department of Computer Science, CMS College Kottayam (Autonomous) for the academic year 2023-2024. Fifteen Core Courses (Theory), two common courses nine complementary courses, four Core Practical, one Open Course, one elective course, two Project work Courses, a Seminar and a Viva Voce for the UG programme were reviewed.

The core course content of B.Sc Computer Science programme of the Mahatma Gandhi University is well conceived with the aim of preparing students for meeting the contemporary needs of the Software Industry and pursuing higher studies. Therefore, the syllabus of the MG University is adopted without changes. The BOS members suggested to add the course outcomes for all courses and map the outcomes with the sub-modules.

B.Sc. Computer Science

SYLLABUS

Course Code & Title	Course Category	Hours per Week		Credits	Marks		
		Theory	Lab		Internal	External	Total
English-I	Common	5		4	20	80	100
Mathematics-I	Complementary	4		4	20	80	100
S1CRT01 Computer Fundamentals and Basics of PC Hardware	Complementary	4		4	20	80	100
S1CRT02 Methodology of Programming and C Language	Core	4		3	20	80	100
S1CMT01 Fundamentals of Digital Systems	Complementary	4		4	20	80	100
S1CRP01 Software Lab-I	Core		4	2	20	80	100
English-II	Common	5		4	20	80	100
Mathematics-II	Complementary	4		4	20	80	100
S2CRT03 Data Communication	Complementary	4		3	20	80	100
S2CRT04 Computer Organization and Architecture	Core	4		4	20	80	100
S2CRT05 Object Oriented Programming using C++	Core	4		3	20	80	100
S2CCP02 Software Lab-II	Core		4	2	20	80	100
Probability and Statistics	Complementary	4		4	20	80	100
S3CRT06 Database Management Systems	Core	4		4	20	80	100
S3CRT07 System Analysis and Design	Core	4		4	20	80	100
S3CRT08 Networking Fundamentals	Complementary	4		4	20	80	100
S3CRT09 Data Structure using C++	Core	4		3	20	80	100
S3CRP03 Software Lab-III	Core		5	2	20	80	100
CS4CRT10 LINUX Administration	Core	4		4	20	80	100
CS4CRT11 Microprocessor and Assembly Language Programming	Complementary	4		4	20	80	100
CS4CRT12 Computer Aided Optimization Techniques	Core	4		4	20	80	100
CS4CRT13 Web Programming Techniques	Core	4		4	20	80	100

CS4CRP04 Assembly Language Programming Lab	Complementary		5	2	20	80	100
CS4CRP05 Software Lab IV	Core		4	2	20	80	100
CS5CRT14 System Software and Operating System	Core	4		4	20	80	100
CS5CRT15 IT and Environment	Core	4		4	20	80	100
CS5CRT16 Java Programming using Linux	Core	4		3	20	80	100
CS5CRT17 Computer Security	Core	4		3	20	80	100
CS5OPT Open Course	Core	4		4	20	80	100
CS5PRP06 Software Development Lab I (Mini Project)	Core		5	2	20	80	100
CS6CRT18 Computer Graphics	Core	5		4	20	80	100
CS6CRT19 Big Data :Analytics	Core	5		4	20	80	100
CS6PET Programme Elective	Core	5		4	20	80	100
CS6SMP07 Seminar	Core		3	2	100	0	100
CS6PRP08 Software Development Lab II (Main Project)	Core		7	3	20	80	100
CS6VVP Viva Voce	Core		0	1	0	100	100
Grand Total		113	37	120	780	2820	3600

Open Course(OP): CA5OPT01 : Informatics and Cyber Ethics, CA5OPT02 : Computer Fundamentals, Internet & MS Office.

Resolution :

After the discussions it is resolved to approve the program structure and syllabus of B.Sc Computer Science and forward the same to the Academic Council for the further action.

M. M. J
 Delsey M. J
 Chairman
 BOS in Computer Science