

Minutes of the meeting of the Board of Studies
in Computer Science (BOS/CS20-4th) of
CMS College Kottayam (Autonomous) held at 11 am
on 21-10-2020.

Members Present

1. Ms. Delsey M J - Chairman Ms. Delsey
2. Ms. Athiramol S - Member
3. Ms. Jeny Rachel Samuel - Member
4. Ms. Aryamol P.C - Member
5. Dr. Jalaja M.J - Subject Expert
6. Dr. kannan B - Subject Expert
7. Dr. John T. Abraham - University Nominee
8. Mr. Raju kurien - Beneficiary Representative
9. Mr. Harish kumar B - Alumni Representative

Ms. Delsey M.J. Head in-Charge 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 PG Diploma in Data Science programme sponsored by University Grants Commission (UGC).

She also added the following:

The students eligible for the programme is B.Sc/B.C.A/B.Voc/M.C.A/B.Tech/M.Tech with Computer Science and Statistics background.

This programme would enable the students completing PG Diploma in Data Science to expedite their career in Data Science by acquiring the knowledge of Analytics, R, Python, Machine Learning and Big Data.

The draft proposal of the syllabus of PG Diploma in Data Science was discussed in detail by the members. It is designed with the objective of equipping the students to cope with the emerging trends and challenges in the IT field.

The BOS members brought before certain suggestions in the syllabus which are incorporated and approved. The latest text books recommended by the BOS members are included in the syllabus. As per the discussion, the structure of the programme is aligned.

The Programme Structure includes the following components:

S. NO	COURSES	GENERAL / SKILL	CREDIT	NO OF HOURS
SEMESTER – 1				
1	Mathematical Foundation for Data Science	General	5	60
2	Probability and Statistics	General	4	60
3	Basics of R and Python	Skill	4	75
4	Principles of Data Science	Skill	4	60
5	Machine Learning for Data Science	Skill	5	60
6	Data Visualization	Skill	4	60
7	R and Python Lab	Skill	4	75
Total Credits & Hours			30	450
SEMESTER – 2				
1	Business Analytics	General	4	60
2	Entrepreneurship Development	General	4	60
3	Big Data	Skill	4	60
4	Basics of Cloud Architecture and Hadoop	Skill	4	60
5	Natural Language Processing	Skill	4	60
6	Deep Learning	Skill	4	75

7	Project	Skill	6	75
		Total Credits	30	450

Resolution:

After the discussion it is resolved to approve the program structure and syllabus of PG Diploma in Data Science and forward the same to the Academic Council for the further action.

M J Delsey

Chairman
[DELSEY M J]
BOS in Computer Science