

MARIAN COLLEGE KUTTIKKANAM (Autonomous)

Affiliated to Mahatma Gandhi University, Kottayam
NAAC Reaccredited with A Grade (CGPA 3.52/4)
College with Potential for Excellence
Kuttikkanam P.O, Peermade, Idukki District, Kerala India – 685 531

**Minutes of the meeting of Board of Studies in Computer Applications (UG) held on
Monday, 11 June, 2018 at 01.30 pm in the discussion room of the College**

Members Present:

1. Dr. Rajimol A (*Chairman and Member*)
2. Dr. Binu Thomas (*Faculty of Computer Applications*)
3. Ms Amruth K John (*Faculty of Computer Applications*)
4. Ms Lumy Joseph (*Faculty of Computer Applications*)
5. Ms Benymol Jose (*Faculty of Computer Applications*)
6. Ms Juby George , (*Faculty of Computer Applications*)
7. Mr Santo Cherian (*Faculty of Computer Applications*)
8. Ms Jyothi Jose (*Faculty of Computer Applications*)
9. Mr Sabu Augustine (*Faculty of Mathematics*)
10. Ms Meenu P Thomas (*Faculty of Statistics*)
11. Mr Siju P T (*Faculty of English*)
12. Sr Italia Joseph Maria (*Meritorious Alumnus*)

1. **Preliminaries:** Dr. Rajimol A Chaired the meeting of Board of Studies – Computer Applications (UG). After welcoming the members and introducing her colleagues on the Board to other members, the Chairman ascertained that the requisite quorum of one-third of the members of the Board of Studies (Total 16 Members) as per section 109 (6) of the Mahatma Gandhi University Act, 1985 is present. The Chairman informed that the formal proceedings of the meeting could commence. With the permission of the members, the notice convening the meeting of Board of Studies having been circulated to the members, were taken as read.
2. **Approval of minutes of previous BoS meeting:** Chairperson presented the minutes of BoS meeting on December 21, 2017 before the honourable members for discussion and approval. The minutes was approved by the members without any change.
3. **Discussion of the Syllabus for BCA 2018 admission:** The Chairman informed that a draft copy of the syllabus is already e-mailed to all the members and a copy of the same is tabled before the Board.

Entire Scheme and Syllabus was put for discussion and the Chairman invited the members to ask any queries.

The Board of Studies in Computer Applications (UG) discussed the syllabus of BCA programme 2018 admission in detail. The board verified that the Scheme and Syllabus includes well defined Programme Specific Outcomes (PSO) and Course Outcomes. After proper examination of detailed syllabus the Board also approved that :-

A. The following courses have direct employability content

1. UBC1803 Fundamentals of Computers and Digital Systems (Core)
2. UBC1804 Introduction to Programming in C (Core)
3. UBC1805 Software Lab I (Core)
4. UBC1806 Office Automation Tools (Non-Credit)
5. UBC1808 Computer Architecture and Microprocessor (Core)
6. UBC1809 Database Management System (Core)
7. UBC1810 Data Structures (Core)
8. UBC1811 Software Lab- II (Core)
9. UBC1812 IOT and Spreadsheet tool(Non-Credit)
10. UBC1814 Software Engineering (Core)
11. UBC1815 Computer Graphics (Core)
12. UBC1816 Design and Analysis of Algorithm
13. UBC1817 Object Oriented Programming using C++ (Core)
14. UBC1818 Software Lab III (Core)
15. UBC1819 Entrepreneurship and Innovations (Non-Credit)
16. UBC1821 Operating Systems (Core)
17. UBC1822 Web Programming using PHP (Core)
18. UBC1823 Software Testing and Quality Assurance (Core)
19. UBC1824 Introduction to Python (Core)

20. UBC1825 Software Lab IV (Core)
21. UBC1826 Business Idea Development OR Web Portal Development (Non-Credit)
22. UBC1827 Computer Networks (Core)
23. UBC1828 Java Programming (Core)
24. UBC1829 Open Course (Core)
25. UBC1830 Software Lab V (Core)
26. UBC1831 Software Development Lab I (Mini Project) (Core)
27. UBC1832 Linux Administration(core)
28. UBC1833 Mobile Computing and Android Application Development(core)
29. UBC1834 Elective – I(core)
30. UBC1835 Software Lab VI & Seminar (core)
31. UBC1836 Software Development Lab II(Main Project) (Core)

B. The following courses integrate Gender, Environment and Sustainability, Human Values and Professional Ethics issues into curriculum.

a) Gender

1. UCN1801 Environmental Studies and Human Rights

b) Environment and sustainability

1. UCN1801 Environmental Studies and Human Rights

c) Human values

1. UCN1801 Environmental Studies and Human Rights

d) Professional ethics

1. UBC1802 Basic Statistics (Complementary)
2. UBC1803 Fundamentals of Computers and Digital Systems (Core)\
3. UBC1804 Introduction to Programming in C (Core)
4. UBC1807 Discrete Mathematics(Complementary)
5. UBC1809 Database Management System (Core)
6. UBC1813 Advanced Statistical Methods (Complementary)
7. UBC1814 Software Engineering (Core)
8. UBC1816 Design and Analysis of Algorithm
9. UBC1820 Operations Research (Complementary)
10. UBC1823 Software Testing and Quality Assurance (Core)
11. UBC1822 Web Programming using PHP (Core)
12. UBC1833 Mobile Computing and Android Application Development(core)

C. The following new courses are added to the syllabus

- a) Entirely new course

1. UBC1824 Introduction to Python (Core)
- b) Modified the existing content
 1. UBC1803 Fundamentals of Computers and Digital Systems (Core)
 2. UBC1806 Office Automation Tools (Non-Credit)
 3. UBC1808 Computer Architecture and Microprocessor (Core)
 4. UBC1809 Database Management System (Core)
 5. UBC1810 Data Structures (Core)
 6. UBC1814 Software Engineering (Core)
 7. UBC1822 Web Programming using PHP (Core)
 8. UBC1823 Software Testing and Quality Assurance (Core)
 9. UBC1828 Java Programming (Core)
- c) Added new content
 1. UBC1802 Basic Statistics (Complementary)
 2. UBC1807 Discrete Mathematics(Complementary)
 3. UBC1812 IOT and Spreadsheet tool(Non-Credit)
 4. UBC1813 Advanced Statistical Methods (Complementary)
 5. UBC1816 Design and Analysis of Algorithm
 6. UBC1820 Operations Research (Complementary)
 7. UBC1833 Mobile Computing and Android Application Development(core)
4. **Proposal of Resolution:** The Chairman proposed the following resolution and it is seconded by Dr Binu Thomas for consideration and approval of the members.

RESOLVED FURTHER THAT pursuant to the provisions of Section 110(i) of the Mahatma Gandhi University Act, 1985 and all other applicable provisions, if any, and subject to the approval of the Academic Council pursuant to the provisions of section 108(i) of the Act, the scheme and syllabus of BCA programme from 2018 admission onwards is hereby approved.

RESOLVED FURTHER THAT the Chairman, Board of Studies be and is hereby authorized to take all steps and actions as may be required to give effect to this resolution.

The motion was then put to vote, and on voting by show of hands, the syllabus of BCA Programme w.e.f. 2018 admission was passed unanimously.

5. **Vote of Thanks:** As there were no other items to be transacted, the meeting concluded with a vote of thanks to the Chair.

Dated 11 June 2018

Sd/-

(Chairman)

