

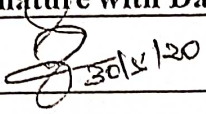


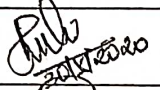

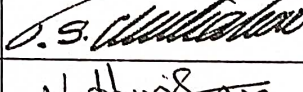
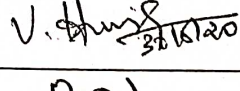
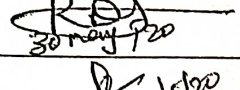
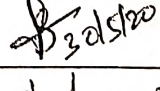
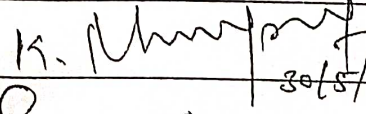
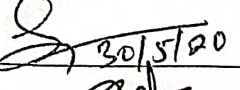


MINUTES OF BOARD OF STUDIES – BCA


The Board of Studies meeting held on 30th May 2020 at 10.30 a.m. through Google Meet.

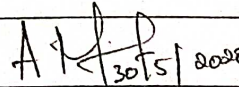
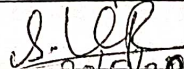
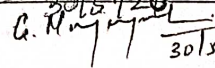
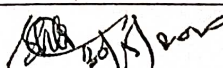
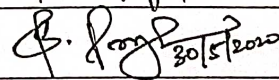
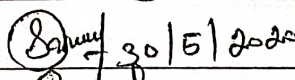
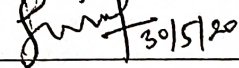
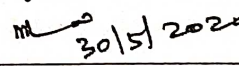
The members of the board unanimously passed the following resolution.

“Resolved that the syllabus for BCA be approved for adoption with the recommended modifications w.e.f. academic year 2018-19”.

Members of the board duly approved the syllabus for BCA.

S.No.	Name and Designation	Signature with Date
1.	Ms.S.Padma Chairman BoS	 30/5/20
2.	Dr.S.Sagayaraj Academic Council	Online Mode
3.	Dr.L.Arockiam Academic Council	-
4.	Dr.K.Thangavel Vice Chancellor Nominee	-
5.	Mr.B.RajaPrasanna Member Representing Corporate/Industry	Online Mode
6.	Mr.S.Sakthivel Member	 30/5/20
7.	Mr.S.Krishnamoorthy Member	 30/5/20
8.	Mr.J.Ramesh Member	 30/5/20
9.	Mr.E.Rajamanickam Member	 30/5/20
10.	Dr.T.S.Venkateswaran Member	 30/5/20
11.	Mr.V.Harikrishnan Member	 30/5/20
12.	Dr.R.Dhanasekaran Member	 30 may 20
13.	Ms.S.Latha Member	 30/5/20
14.	Mr.K.Murugesan Member	 30/5/20
15.	Ms.S.Sasipriya Member	 30/5/20
16.	Ms.S.Sindhu Member	 30/5/20
17.	Ms.R.Vimaladevi Member	 30/5/20


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18.	Ms.A.Maheswari Member	 30/5/2020
19.	Ms.S.UmaParameshwari Member	 30/5/20
20.	Ms.G.Mangaiyarkarasi Member	 30/5/2020
21.	Mr.K.J.P.Sathishkumar Member	 30/5/2020
22.	Ms.S.Priyadharshini Member	 30/5/2020
23.	Mr.N.Sathiyamoorthy Member	 30/5/2020
24.	Mr.S.Jagadeesan Co-opted Members	 30/5/20
25.	Mr.M.J.Balakrishnan Co-opted Members	 30/5/2020



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SUGGESTIONS TO BE CARRIED OUT

Semester	Course Name	Modifications	Percentage Revised
I	Core I: Problem Solving Techniques	<ul style="list-style-type: none"> ➤ Course modified from "Problem Solving and Programming in C" to "Problem Solving Techniques". ➤ This paper comprises 3 units of Problem Solving Techniques and 2 units of Digital Computer Fundamentals 	➤ 20 %
I	Core II: Programming in C	<ul style="list-style-type: none"> ➤ Course modified from "Introduction to Information Technology" to "Programming in C" ➤ All 5 units should have the concepts of C Programming ➤ Files concept may be discarded here and it can be placed in Linux (3rd Sem.) 	➤ 20 %
I	Allied I: Mathematics for Computer Applications	<ul style="list-style-type: none"> ➤ Course Title modified from "Basic Mathematics" to "Mathematics for Computer Applications" ➤ Suggested to include Matrix, Probability, Combinatorics Recursion, and Mathematical Logic 	➤ 5%
I	Core Practical II: Office Package	<ul style="list-style-type: none"> ➤ Course name may be modified to "Open Office Tools" 	➤ 5 %
II	General English II	<ul style="list-style-type: none"> ➤ Course name may be modified to "Communicative English" and include portions to enhance Communication Skills of students 	➤ 5 %
II	Core IV: Computer Organization and Architecture	<ul style="list-style-type: none"> ➤ Course modified from "Computer Architecture and Microprocessor" to "Computer Organization and Architecture" 	➤ 5 %
II	Allied II: Scientific Computing Methods	<ul style="list-style-type: none"> ➤ Course name modified from "Algebra and Calculus" to "Scientific Computing Methods" 	➤ 5 %
II	Core Practical III: Scientific Computing using C++	<ul style="list-style-type: none"> ➤ Course name modified from "Programming in C++" to "Scientific Computing using C++" ➤ Practical list may contain problems related to numerical and statistical method 	➤ 5 %
II	Core Practical IV: Designing Tools	<ul style="list-style-type: none"> ➤ Suggested to add a new practical "Designing Tools" 	➤ 100 %
III	Certificate Course	<ul style="list-style-type: none"> ➤ Suggested to add a new Certificate Course "Internet and its Applications" 	➤ 100%


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III	Programming in Java	<ul style="list-style-type: none"> ➤ Unit I & II can be combined and the remaining units may be equally distributed along 5 units ➤ Suggested to change the Text Book (which has more practical examples) 	➤ 5 %
IV	Client / Server Technology	➤ Suggested to include advanced contents ()	➤ 80 %
V	Computer Network	➤ Web Reference may include	➤ 10 %
VI	Mobile Technology	➤ Unit I and II added theory part included and III, IV and V unit included for developing concept	➤ 10 %
All	-	➤ Scheme for all the semesters has been designed and accepted	➤

- Overall an average 23% of syllabus are modified
- The 5% of content are modified in the following courses

Course Code	Course Name	Percentage
18UCAM102	Core II: Programming in C	5 %
18UCAMP301	Core Practical V: Programming in Java	5 %
18UCAEL402	Elective-I: Client/Server Technology	5 %
18UCAM602	Core XIV: Mobile Technology (fifth unit as self-study)	5 %

- Based on the feedback by the Alumni, Faculty members and Students, the courses like Python, IoT, R Programming, and Big Data Analysis are introduced in the academic year 2018-2019.
- As per the suggestions by the BoS members, the following course are newly introduced for the academic year 2018-2019

Semester	Paper Code	Paper Name	Percentage Revised
I	18UCAM101	Core I: Problem Solving Techniques	100 %
I	18UCAMP101	Core Practical I: Office Package	100 %
II	18UCAMP202	Core Practical II: Designing Tools	100 %
III	18UCAM303	Core VII: Web Designing	100 %


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III	18UCASBP301	SBC Practical I: Web Designing using HTML, CSS and Java Script	100 %
III	18UCAAC301/302	Add-on Course I	100 %
IV	18UCAMP402	Core Practical VII: Linux Programming	100 %
IV	18UCAAC401/402	Add-on Course II	100 %
V	18UCAM501	Web Application Development	100 %
V	18UCAMP501	Core Practical VIII: Web Application Development	100 %
V	18UCASBCP501	SBC Practical III: Web Service using Python	100 %
VI	18UCAM601	Core XIII: Big Data Analytics	100 %
VI	18UCAM602	Core XIV: Mobile Technology	100 %
VI	18UCAM604	Core XVI: Internet of Things	100 %
VI	18UCAMP601	Core Practical X: R Programming	100 %
VI	18UCASBCP602	SBC Practical IV: Mobile Application Development	100 %
VI	18CACCO1	Internet and its Applications	100%

- The list of Value added, Employability, Skill Development, and Entrepreneur courses are introduced.
- The courses were adopted to focus on Value added (30%),
- Employability (70%),
- Skill Development (48%), and
- Entrepreneur courses (20%)

➤ **Add-On Courses**


- Digital Business
- Ethics for Digital Era
- Digital Hygiene
- Fundamentals of Multimedia

➤ **Employability Courses**

- Programming in C
- Programming in C++
- Programming in Java
- Web Application Development
- Accounting Package (Tally)

➤ **Skill Development Courses**

- Data Structure using C
- Web Designing using HTML, CSS and JavaScript
- Web Services using Python


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➤ **Entrepreneur Courses**

- Linux Programming
- Computer Networks Lab
- Mobile Application Development

The Board resolved to adopt the following **Elective Course** (fourth and fifth semester)

ELECTIVE I

(Student shall select any one of the following subject as Elective in fourth semester)

S.No	Subject Code	Subject
1.	18UCAEL401	Principles of Information Security
2.	18UCAEL402	Client/Server Technology
3.	18UCAEL403	Software Engineering

ELECTIVE II

(Student shall select any one of the following subject as Elective in Fifth semester)


S.No	Subject Code	Subject
1.	18UCAEL501	Social and Business Etiquette
2.	18UCAEL502	Artificial Intelligence
3.	18UCAEL503	Social Media Data Analytics

The Board of Studies members resolved to adopt the following **Non Major Courses**

NONMAJOR ELECTIVE COURSE

(The department offers the following two subjects as Non Major Elective Course for other than the computer science students for third and fourth semesters)

S.No	Semester	Subject Code	Subject
1	III	18UCSN301	Internet Technology
2	IV	18UCSN401	HTML and Web Designing


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The Board resolved to adopt the following Add-on Course in the third and fourth semester

ADD-ON COURSE


S.No	Semester	Subject Code	Subject
1	III	18UCAAC301	Digital Business
2	III	18UCAAC302	Ethics for Digital Era
3	IV	18UCAAC401	Digital Hygiene
4	IV	18UCAAC402	Fundamentals of Multimedia

The Board resolved to adopt the Advanced Learner Course at the end of the fourth semester

ADVANCED LEARNERSCOURSE

(Student shall study the following Advanced Learner Course during their third semester and complete the course at the end of fourth semester)

S.No	Subject Code	Name of the Course
1	18UCAAL401	Software Testing


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