

HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (AUTONOMOUS)
COIMBATORE-641 028
CONTROLLER OF EXAMINATIONS

BOARD OF STUDIES MEETING IN BACHELOR OF COMPUTER APPLICATIONS- BCA
(For the Academic year 2021-2022)
Attendance Report

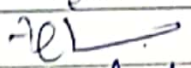
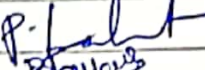

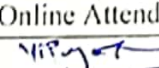
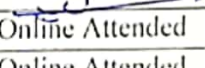
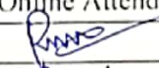
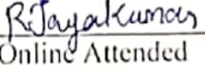
Date: 29.07.2021

Time: 10.30am


Venue: D Block

Mode: Online

Meet link: <https://meet.google.com/qvd-sxjp-fay?hs=224>

	Name	Designation	Signature
Chairman	Dr.P.Senthil Vadivu	Professor & Head,	
Members (Internal)	1.Dr.P.Lalitha	Professor,	
	2.Mrs.P.Jayasree	Assistant Professor,	
	3.Mrs.P.Vanitha	Assistant Professor,	
	4.Mrs.M.Hemalatha	Associate Professor,	Online Attended
	5.Mr.D.Vijayakumar	Assistant Professor,	
	6.Mr.S.Aravind	Assistant Professor,	Online Attended
	7.Mrs.S.Saranya	Assistant Professor,	Online Attended
	8.Dr S.Sasikala	Associate Professor,	
	9.Mr R.Jaya Kumar	Assistant Professor,	
External (Subject Experts)	1.Dr T.A.Sangeetha,	Associate Professor & Head, Department of Computer Applications, Kongu College of Arts and Science, Perundurai, Erode, tasangeethathirumalai@gmail.com 8940155212.	Online Attended
	2. Dr Aruchamy Rajini	Assistant Professor, Department of Computer Science(Aided), Nallamuthu Gounder Mahalingam College, Pollachi. saruchamyrajini@gmail.com , 9486031574.	Online Attended
Industrial expert	Mr.Dwarakanath Cheyyur	Director, Cloud Reign Technologies, Adampakkam, Chennai 600 008. dwaral.cloudreign.in .	Online Attended
Alumni	Mr.S.Ashik	Technical lead, Cognizant Infrastructure Support, Coimbatore 6410 06. ashik_bca89@gmail.com	Online Attended
University Nominee	Dr P.Sumathi	Assistant Professor, PG and Research Department of Computer Science, Government Arts College,Coimbatore-641 018. sumathirajes@hotmail.com , 9150588820.	Online Attended

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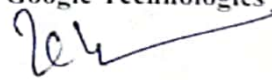

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The following resolutions were made in the BOARD OF STUDIES meeting held on 29.07.2021 at 10.30.am in the Department of **Computer Applications** through online mode.

1. The **Syllabi of V & VI semester** of the **UG (BCA)** programme for the students admitted during the **academic year 2019-2020** and onwards were approved.
2. The **Modified Scheme and Syllabi of III & IV semester** of the **UG (BCA): TRACK- 2** programme for the students admitted during the academic year 2020-2021 and onwards were approved.

Semester No.	Subject Code	Approved Title (2020-2021)	Replaced Title (2020-2021)
III	20CAGU11	Dialog flow Basics	Progressive Web Apps
IV	20CAGU19	Building Mobile Apps with Flutter	Android Kotlin

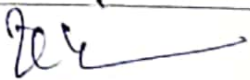
3. The **Scheme of Examination** of the Choice Based Credit System (CBCS) and Learning Outcomes based Curriculum Framework (LOCF) for various courses were discussed for the **UG (BCA)** Students admitted from the **academic year 2021-2022** and onward
4. The **Syllabi of I & II semester** of the **UG (BCA)** programme for the students admitted during the **academic year 2021-2022** and onwards were approved.
5. The BOS of Department of Computer Applications discussed and resolved to modify the syllabus of **BCA System Software and Operating System(20CAU16)** to include topics from Operating Systems in Unit -IV and Unit -V for the students admitted in the academic year **2020 – 2021 and onwards**.
6. The BOS of Department of Computer Applications discussed and resolved to modify the syllabus of **BCA .NET Programming(19CAU20)** which includes ASP.Net in the Unit V for the students admitted in the academic year **2019 – 2020 and onwards**.
7. The BOS of Department of Computer Applications discussed and resolved to modify the syllabus of **BCA Practical –VII – Programming using .NET (19CAU22)** which includes the programs with ASP.NET for the students admitted in the academic year **2019 – 2020 and onwards**.
8. The BOS of Department of Computer Applications discussed and resolved to modify the syllabus of **BCA Practical –X – Software Testing Tools (19CAU29)** which includes the programs with both WinRunner and LoadRunner for the students admitted in the academic year **2019 – 2020 and onwards**.
9. Course Specialization Tracking System will be followed for the Students admitted during in the academic year 2021-2022 and onwards.
 - **Track 1: Regular**
 - **Track 2: Mobile App Development with Google Technologies**


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Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
I	21CAU02	Computer System Architecture	21CAGU02	G Suite
II	21CAU06	Data Structures and Algorithms	21CAGU06	Professional Collaboration Engineer

10. Value added courses /Job Oriented Courses were introduced as an extra credit courses for all semesters of the programmes and evaluation pattern discussed and approved.

List of Open Elective Papers & VAC / JOC	
Electives	Yoga for Human Excellence
	Human Health & Hygiene
	Indian Culture and Heritage
	Indian Constitution and Political System
	Consumer Awareness and Protection
	Professional Ethics and Human Values
	Human Rights, Women's Rights & Gender Equality
	Disaster Management
	Green Farming
	Campus to Corporate
	Start-up Business
	Research Methodology and IPR
	General Studies for Competitive Examinations
	IIT JAM Examination (for Science only)
	CUCET Examination
Courses offered by the Departments to other Programme	
a) Digital Marketing	
b) VM Ware	
c) Animation and its Technique	
d) Multimedia and its Applications	
e) Project Management	
f) Mongo DB	
g) E-Learning	


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11. Aptitude/ Placement training/ online courses (Job Oriented Courses) are introduced under Part – IV as Skill Enhancement Courses (SEC) and grades will be provided for each semester and to be approved.

12. The updating in the Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) were discussed and approved.

13. It is resolved that there is no changes are recommended in the existing scheme of Evaluation for the Track – I Regular Students for the academic year 2021-2022 and onwards.

➤ It is resolved that there are no changes are recommended in the existing Scheme of Evaluations for the Track – II Industry oriented Programme (Mobile App Development with Google Technologies) Students for the academic year 2021 – 2022 and onwards as only MCQ and analytical pattern of examination follows.

14. It is resolved to introduce **Fast Track System** for UG in the VI Semester for the students admitted during the academic year 2021-2022 and onwards was approved.

15. The above points are discussed and approved by the member of Board of Studies in Department of Computer Applications on 29.07.2021.

16. Additional names for the panel of question paper setters and evaluators were included and it was approved.



PRINCIPAL

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Name & Signature of the Chairman (With seal)

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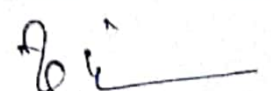
Enclosures:

1. For BCA (V & VI semester) for the academic year 2019-20

S.No	Semester No	Subject Code	Approved Title (2019-2020)
1	V	19CAU20	.NET Programming
2		19CAU21	Data Mining
3		19CAU22	Practical - VII: Programming using .NET
4		19CAU23A	Elective I :Internet Of Things (OR)
		19CAU23B	Elective I :Cloud Computing (OR)
		19CAU23C	Elective I : Big Data Analytics
5	19CAU24	Practical - VIII :R Programming	
6	VI	19CAU25	Open Source Tools
7		19CAU26A	Elective II :Software Testing (OR)
		19CAU26B	Elective II : Computer Installation & Servicing (OR)
		19CAU26C	Elective II :Artificial Intelligence and Expert Systems
8		19CAU27	Practical - IX : Open Source Tools
9		19CAU28A	Elective III :Computer Graphics and Multimedia (OR)
		19CAU28B	Elective III :Information Security (OR)
		19CAU28C	Elective III :Digital Image Processing
10		19CAU29	Practical - X :Software Testing Tools
11		19CAU30	Project Work

2. For BCA (III & IV semester) for the academic year 2020-21

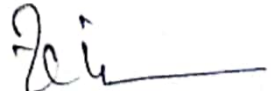
Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
	20CAU09	Programming with JAVA	20CAU09	Programming with JAVA
	20CAU10	Computer Networks	20CAU10	Computer Networks


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III	20CAU11	Web Technology	20CAGU11	Progressive Web Apps
	20CAU13	Practical -III: Programming using JAVA	20CAU13	Practical -III: Programming using JAVA
	20CAU14	Practical -IV: Web Programming Using HTML & Scripting Languages	20CAU14	Practical -IV: Web Programming Using HTML & Scripting Languages
IV	20CAU15	Relational Database Management System	20CAU15	Relational Database Management System
	20CAU16	System Software and Operating Systems	20CAU16	System Software and Operating Systems
	20CAU17	Practical - V: RDBMS Applications	20CAU17	Practical - V: RDBMS Applications
	20CAU19	Programming Using Visual Basic	20CAGU19	Android Kotlin

3. For BCA (I & II semester) for the academic year 2021-22

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
I	21CAU01	Programming with C	21CAU01	Programming with C
	21CAU02	Computer System Architecture	21CAGU02	G Suite
	21CAU03	Practical I: Programming Using C	21CAU03	Practical I: Programming Using C
II	21CAU05	Python Programming	21CAU05	Python Programming
	21CAU06	Data Structures and Algorithms	21CAGU06	Professional Collaboration Engineer
	21CAU07	Practical-II: Programming using Python	21CAU07	Practical-II: Programming using Python
	21CAU08	Multimedia Systems	21CAU09	Multimedia Systems


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Scheme of Evaluation – Track2 (Industry Oriented)

- a. It is resolved that changes are recommended in the existing scheme of evaluation for the Track2: Industry Oriented (Mobile App Development with Google Technologies) students from the academic year 2020-2021 and onwards.

For Semester – I both MCQ and Analytical Type Questions will be followed

1. 30-70 Pattern Policy:

a. 30 Marks Internals

- i. MCQ -20 Marks
- ii. Analytical Pattern – 5 Marks
- iii. Class Attendance – 5 Marks
(Above 95% to 100% = 5 marks
Above 90% to 95% = 4 marks
Above 85% to 90% = 3 marks
Above 80% to 85% = 2 marks
Above 75% to 80% = 1 marks
Below 75% = 0 mark)

b. Continuous Assessment Test:

- i. Tests will be conducted under 25 marks Pattern
- ii. MCQ = 20(20*1= 20 Marks)
- iii. Analytical Pattern = 5 (5*1= 5 Marks)
- iv. Best of 2 Continuous Assessment Test will be considered for Internal 30 Marks

2. 70 Marks Externals

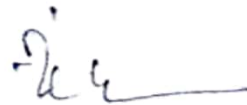
- Online Exam with objective Pattern will be conducted for MCQ = 50 Marks & Analytical Pattern = 20 Marks

For Semester – II only MCQ Type Questions will be followed

1. 30-70 Pattern Policy:

a. 30 Marks Internals

- i. MCQ -25 marks
- ii. Class Attendance – 5 Marks
(Above 95% to 100% = 5 marks
Above 90% to 95% = 4 marks
Above 85% to 90% = 3 marks
Above 80% to 85% = 2 marks
Above 75% to 80% = 1 marks
Below 75% = 0 mark)



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b. Continuous Assessment Test:

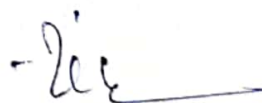
- i. Tests will be conducted under 25 marks Pattern
- ii. MCQ= 25(25*1=25 Marks)
- iii. Best of 2 Continuous Assessment Test will be considered for Internal 30Marks

2. 70 Marks Externals

- Online Exam with objective Pattern will be conducted for MCQ = 70(70*1=70 Marks)

3. Final Exam (Global Certification Exam)

- a. The pattern that follows exactly Google Certification Exam pattern.
- b. Online Exam will be conducted with MCQ and Analytical pattern.
- c. Global Certification will be provided to students who clear the examination in the first attempt, if not, the candidate can appear after 14 days, third attempt after 60 days, and fourth attempt after 365 days.
- d. If not, Candidate can reappear for the examination conducted by industry experts.
 - The minimum passing should be 40%.
- e. Global Certification will be issued as whether the candidate is Certified or Not.
- f. The certification expires after 2 years and students will need to get re-certified to maintain their certification status after 2 years.



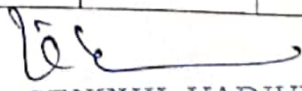
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PANEL OF EXTERNAL EXAMINERS – 2021-2022

DEPARTMENT: BCA

UG/PG

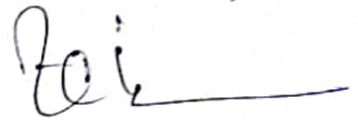
S.No	Name & Designation	College Address	Mobile Number and E-Mail ID	No. of years of Teaching Experience (Minimum 15 years)	Field of Specialization
1	Dr A.Malathi, Assistant Professor	Government Arts College,Coimbatore- 641018	9942526000 malathi.arunaachal am@yahoo.com	26	Data Mining
2	Dr Aruchamy Rajini Assistant Professor	Nallamuthu Gounder Mahalingam College,	9486031574 saruchamyrajini @gmail.com	23	Data Mining
3	Dr R. Priya Assistant Professor & Head,	Sree Narayana Guru College, Kg Chavadi,Coimbatore -641105	9894646291 priyaminerva @gmail.com	22	Image Processing
4	Dr D.Francis Xavier Christopher Director	Rathnavel Subramanian (RVS) College of Arts and Science, Coimbatore-641 402	8838471551 christopherd@rvs group.com	23	Software Engineering
5	Mrs.N Vanitha, Assistant Professor	DR.N.G.P Arts and Science College, Coimbatore	9843709996 vanitha@drngpas c.ac.in	13	Cyber Security and Artificial Intelligence
6	Dr. M Suganya, Associate Professor & Head Department of Information Technology	School of Computer Studies, Rathnavel College of Arts and Science,Sulur	8220839600 suganyam029@g mail.com	15	Computer Network, Operating System
7	Dr.J Savitha, Associate Professor, Department of IT	DR.N.G.P Arts and Science College, Coimbatore	9944301610 savithaj@drngpas c.ac.in	14	Image Processing, Cyber Security
8	Dr.V.S Jagadeeswaran,	DR.N.G.P Arts and Science College,	9843107453		DBMS


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9

	Assistant Professor	Coimbatore	Jagadeeswaran@drngpasc.ac.in	15	
9	Mrs.P. Shanthi, Assistant Professor	Sri Jayendra Saraswathy Maha Vidyalaya CAS, Coimbatore	9788923478 shanhari8406@g mail.com	16	Data Mining
10	Dr G.Maria Priscilla Professor and Head,	Sri Ramakrishna College of Arts and Science,Coimbatore- 641006	9843169009 mariapiscilla@sr cas.ac.in	22	Computer Networks
11	Mrs.K Gomathy, Assistant Professor	DR.N.G.P Arts and Science College, Coimbatore	9894122257 gomathy@drngpa sc.ac.in	15	Networking
12	Dr. V Jaiganesh, Professor	DR.N.G.P Arts and Science College, Coimbatore	9944320068 drjaiganesh@drng pasc.ac.in	19	Data Mining


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BOS-Chairman

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