

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 2022-2023)

Attendance Report

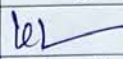


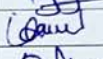

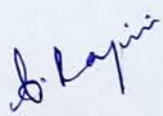
Date: 14.07.2022

Time: 10.30am

Venue: D Block

Mode: Blended

Video call link: <https://meet.google.com/ukc-xsjq-kna>

	Name	Designation	Signature
Chairman	Dr.P.Senthil Vadivu	Professor & Head,	
Members (Internal)	1.Dr.P.Lalitha	Professor,	
	2.Dr.P.Jayasree	Assistant Professor,	Leave of Absence
	3.Mrs.P.Vanitha	Assistant Professor,	2
	4.Mr.D.Vijayakumar	Assistant Professor,	
	5.Mr.S.Aravind	Assistant Professor,	
	6.Mrs.D.Priyadharsini	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.	
Industrial expert	Mr.Dwarakanath Cheyyur	Director, Cloud Reign Technologies, Adampakkam, Chennai 600 008. dwarak@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


PRINCIPAL
Hindusthan College of Arts & Science (Autonomous),
Hindusthan Gardens, Behind Nava Inna,
Coimbatore - 641 028.

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The following resolutions were made in the BOARD OF STUDIES meeting held on 14.07.2022 at 10.30.am in the Department of **Computer Applications** through Blended mode.

1. The **Syllabi of V & VI Semester** of the **UG (BCA)** programme for the students admitted during the **academic year 2020-2021** and onwards were approved.
2. The **Syllabi of III & IV Semester of the UG (BCA)** programme for the students admitted during the academic year 2021-2022 and onwards were approved.
3. The **Scheme of Examination** of the Choice Based Credit System (CBCS) and Learning Outcomes based Curriculum Framework (LOCF) for various courses and if the students who are all completed the NPTEL Courses before semester – V, they can avail exemption from appearing exams of DSE – III & DSE – IV in **FAST TRACK SYSTEM** were discussed and resolved for the **UG (BCA)** Students admitted from the **academic year 2022-2023** and onwards.
4. The **Syllabi of I & II Semester** of the **UG (BCA)** programme for the students admitted during the **academic year 2022-2023** and onwards were approved.
5. The BOS of Department of Computer Applications discussed and resolved to modify the Syllabus of **BCA - Programming with C (22CAU01)** for the students admitted in the academic year **2022 – 2023** and onwards.
6. The BOS of Department of Computer Applications discussed and resolved to modify the Syllabus of **BCA Computer System Architecture (22CAU02)** for the students admitted in the academic year **2022 – 2023** and onwards.
7. The BOS of Department of Computer Applications discussed and resolved to Update the Syllabus of **BCA - Programming Using C (22CAU03)** for the students admitted in the academic year **2022 – 2023** and onwards.
8. The BOS of Department of Computer Applications discussed and resolved to modify the Syllabus of **BCA - Data Structures and Algorithm (22CAU06)** for the students admitted in the academic year **2022 – 2023** and onwards.
9. The BOS of Department of Computer Applications discussed and resolved to modify the Syllabus of **BCA – Multimedia Systems (22CAU08)** for the students admitted in the academic year **2022 – 2023** and onwards.

10. The BOS of Department of Computer Applications discussed and resolved to Update the Syllabus of **BCA - Programming with JAVA(21CAU11)** for the students admitted in the academic year **2021 – 2022** and onwards.
11. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Computer Networks (21CAU12)** for the students admitted in the academic year **2021 – 2022** and onwards.
12. The BOS of Department of Computer Applications discussed and resolved to modify the syllabus of **BCA System Software & Operating System(21CAU15)** to include topics from Operating Systems in Unit –III, Unit -IV and Unit -V for the students admitted in the academic year **2021 – 2022** and onwards.
13. The BOS of Department of Computer Applications discussed and resolved to Modify the syllabus of **BCA - RDBMS Applications (21CAU19)** for the students admitted in the academic year **2021 – 2022** and onwards.
14. The BOS of Department of Computer Applications discussed and resolved to Update the Syllabus of **BCA – .NET Programming (20CAU20)** for the students admitted in the academic year **2020 – 2021** and onwards.
15. The BOS of Department of Computer Applications discussed and resolved to Update the Syllabus of **BCA – Programming using .NET (20CAU22)** for the students admitted in the academic year **2020 – 2021** and onwards.
16. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective I :Internet Of Things (20CAU23A)** for the students admitted in the academic year **2020 – 2021** and onwards.
17. The BOS of Department of Computer Applications discussed and resolved to Update the Syllabus of **BCA – Elective I :Cloud Computing (20CAU23B)** for the students admitted in the academic year **2020 – 2021** and onwards.
18. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective I : Big Data Analytics (20CAU23C)** for the students admitted in the academic year **2020 – 2021** and onwards.
19. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Open Source Tools (20CAU25)** for the students admitted in the academic year **2020 – 2021** and onwards.
20. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective II : Computer Installation & Servicing (20CAU26B)** for the students admitted in the academic year **2020 – 2021** and onwards.
21. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective II : Artificial Intelligence and Expert Systems (20CAU26C)** for the students admitted in the academic year **2020 – 2021** and onwards.
22. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Practical - IX : Open Source Tools (20CAU27)** for the students admitted in the academic year **2020 – 2021** and onwards.

23. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective III :Computer Graphics and Multimedia (20CAU28A)** for the students admitted in the academic year **2020 – 2021** and onwards.

24. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective III : Information Security (20CAU28B)** for the students admitted in the academic year **2020 – 2021** and onwards.

25. The BOS of Department of Computer Applications discussed and resolved to Modify the Syllabus of **BCA – Elective III : Digital Image Processing (20CAU28C)** for the students admitted in the academic year **2020 – 2021** and onwards.

26. Course Specialization Tracking System will be followed for the Students admitted during in the academic year 2020-2021 and onwards.

- **Track 1: Regular**
- **Track 2: Mobile App Development with Google Technologies**

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
V	20CAU24	Practical - VIII :R Programming	20CAGU24	Project Work

27. 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**

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
III	21CAU12	Computer Networks	21CAGU12	Progressive Web Apps
IV	21CAU18	Software Engineering & Software Project Management	21CAGU18	Android Kotlin

28. Course Specialization Tracking System will be followed for the Students admitted during in the academic year 2022-2023 and onwards.

- **Track 1: Regular**
- **Track 2: Mobile App Development with Google Technologies**

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
I	22CAU02	Computer System Architecture	22CAGU02	G Suite
II	22CAU06	Data Structures and Algorithms	22CAGU06	Professional Collaboration Engineer

29. 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	

30. 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.

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

32. It is resolved that changes are recommended in the New Scheme of Evaluation for BCA Track – I Regular Students from the academic year 202-2023 and onwards.

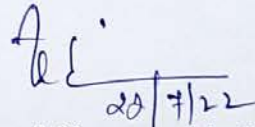
- It is resolved that there are changes are recommended in the existing Scheme of Evaluations for the Track – II Industry oriented Course (Mobile App Development with Google Technologies) for the Sstudents admitted in the academic year 2022 – 2023 and onwards as only MCQ and analytical pattern of examination follows.

33. The above points are discussed and approved by the member of Board of Studies in Department of Computer Applications on 14.07.2022.

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



Co-ordinator
Curriculum Development Cell
Hindusthan College of Arts & Science,
Coimbatore-641 028.



Name & Signature of the Chairman (With seal)



PRINCIPAL

Hindusthan College of Arts & Science (Autonomous),
Hindusthan Gardens, Behind Nava India,
Coimbatore - 641 028.

Dr. P. SENTHIL VADIVU,
M.Sc., M.Phil., Ph.D.,
Head & Associate Professor
Dept. of Computer Applications
Hindusthan College of Arts & Science
Coimbatore - 641 028.

Enclosures:

1. For BCA (V & VI semester) for the academic year 2020-2021

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
V	20CAU20	.NET Programming	20CAU20	.NET Programming
	20CAU21	Data Mining	20CAU21	Data Mining
	20CAU22	Practical - VII: Programming using .NET	20CAU22	Practical - VII: Programming using .NET
	20CAU23A	Elective I : Internet Of Things (OR)	20CAU23A	Elective I : Internet Of Things (OR)
	20CAU23B	Elective I : Cloud Computing (OR)	20CAU23B	Elective I : Cloud Computing (OR)
	20CAU23C	Elective I : Big Data Analytics	20CAU23C	Elective I : Big Data Analytics
	20CAU24	Practical - VIII : R Programming	20CAGU24	Project Work
VI	20CAU25	Open Source Tools	20CAU25	Open Source Tools
	20CAU26A	Elective II : Software Testing (OR)	20CAU26A	Elective II : Software Testing (OR)
	20CAU26B	Elective II : Computer Installation & Servicing (OR)	20CAU26B	Elective II : Computer Installation & Servicing (OR)
	20CAU26C	Elective II : Artificial Intelligence and Expert Systems	20CAU26C	Elective II : Artificial Intelligence and Expert Systems
	20CAU27	Practical - IX : Open Source Tools	20CAU27	Practical - IX : Open Source Tools
	20CAU28A	Elective III : Computer Graphics and Multimedia (OR)	20CAU28A	Elective III : Computer Graphics and Multimedia (OR)
	20CAU28B	Elective III : Information Security (OR)	20CAU28B	Elective III : Information Security (OR)
	20CAU28C	Elective III : Digital Image Processing	20CAU28C	Elective III : Digital Image Processing
	20CAU29	Practical - X : Software Testing Tools	20CAU29	Practical - X : Software Testing Tools
	20CAU30	Project Work	20CAU30	Project Work

2. For BCA (III & IV semester) for the academic year 2021-22

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
III	21CAU11	Programming with JAVA	21CAU11	Programming with JAVA
	21CAU12	Computer Networks	21CAGU12	Progressive Web Apps
	21CAU13	Practical -III: Programming using JAVA	21CAU13	Practical -III: Programming using JAVA
	21CAU14	Practical -IV: Web Technology Lab	21CAU14	Practical -IV: Web Technology Lab
	21CAU15	System Software & Operating Systems	21CAU15	System Software & Operating Systems
IV	21CAU17	Relational Database Management System	21CAU17	Relational Database Management System
	21CAU18	Software Engineering & Software Project Management	21CAGU18	Android Kotlin
	21CAU19	Practical - V: RDBMS Applications	21CAU19	Practical - V: RDBMS Applications
	21CAU20	Practical - VI: Software Testing Tools	21CAU20	Practical - VI: Software Testing Tools
	21CAU22	Software Testing	21CAU22	Software Testing

3. For BCA (I & II semester) for the academic year 2022-23

Semester No	Subject Code	Track-1	Subject Code	Track -2 Industry oriented
I	22CAU01	Programming with C	22CAU01	Programming with C
	22CAU02	Computer System Architecture	22CAGU02	G Suite
	22CAU03	Practical I: Programming Using C	22CAU03	Practical I: Programming Using C
II	22CAU05	Python Programming	22CAU05	Python Programming
	22CAU06	Data Structures and Algorithms	22CAGU06	Professional Collaboration Engineer
	22CAU07	Practical-II: Programming using Python	22CAU07	Practical-II: Programming using Python
	22CAU08	Multimedia Systems	22CAU09	Multimedia Systems

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22/7/22

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PRINCIPAL

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[Handwritten signature]
22/7/22
BOS-Chairman

Dr. P. SENTHIL VADIVU,
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Proforma

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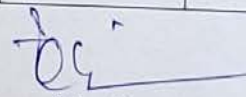
OFFICE OF THE CONTROLLER OF EXAMINATIONS

(Panel of External Examiners for the Academic year 2022-23)

BOARD: Department of Computer Applications(UG)-BCA

S.No	Name & Designation	College Address	Mobile Number and E-Mail ID	Years of Teaching Experience	Subjects Specialized in
1	Dr A.Malathi, Assistant Professor	Government Arts College,Coimbatore-641018	9942526000 malathi.aruna chalam@yahoo .com	26	Data Mining
2	Dr Aruchamy Rajini Assistant Professor	Nallamuthu Gounder Mahalingam College,	9486031574 saruchamyraji ni @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	Mr.C.Balaji Assistant Professor	Dr.N.G.P Arts and Science College, Coimbatore	8870623444 Bala3mca@g mail.com	UG:6 PG:6	Compiler Design
5	Mrs. S.Subathra	Sri Jayendra Saraswathy College of Arts and Science, Coimbatore - 5	9789500950 subaganes@g mail.com	UG: 18 PG:18	Network Security
6	Mrs. M.ParveenTaj	Sri Jayendra Saraswathy College of Arts and Science, Coimbatore - 5	90039 17998 tajroshan1@g mail.com	Ug:17 years 3 months Pg:17 years 3 months	Data mining
7	Dr.M.Malathi Ravindran Associate Professor	Nallamuthu Gounder Mahalingam College,	9486978648 malathirasind ran@gmail.c om	UG:17 PG:14	Data mining
8	Dr.S.Thilagavathi Assistant Professor	Sri Krishna Adithya College of arts and science	9344798479 thilagavathis @gmail.com	UG:5 PG:9	Data mining

		Kovaipudur, coimbatore			
9	Dr. S. Rekha Assistant Professor	Dr.N.G.P Arts and Science College, Coimbatore	9944709221 rekhas@gmail .com	15	Computer Networks
10	Mrs.S.Govardhini Assistant Professor	Dr.N.G.P Arts and Science College, Coimbatore	9677696692 govardhini90 @gmail.com	UG:10 PG:4	Computer Networks
11	Mrs.V.Sridevi Assistant Professor	PSG College of Arts and Science Coimbatore	9442665460 vissridevi@g mail.com	UG:19 PG:19	Image Processing
12	Dr.D.Devi Aruna Associate Professor	Dr.N.G.P Arts and Science College, Coimbatore	8056986286 drdeviaruna@ drngpsc.ac.in	UG:10 PG:3	Networks
13	P.Preetha Assistant Professor	VLB Janakiammal College of Arts and Science	9486254602 preetiprabha @gmail.com	UG:10 PG:10	Computer Networks
14	P. Karthi Assistant Professor	SNMV college of arts and science, Coimbatore	9894553318 karthi86ucan @gmail.com	UG:10	Data Mining Networks
15	Dr.R.Kowsalya Assistant Professor	PSGR Krishnammal College for women	9442013066 2017ngpphd @gmail.com	15	Computer Networks
16	Dr.S.Santhana Megala Assistant Professor	RVS College of Arts and Science Coimbatore	7395801805 santhanamega la@rvsgroup. com	13	Data Mining
17	Dr.N.Umadevi HOD &Associate Professor	Sri Jayendra Saraswathy College of Arts and Science, Coimbatore - 5	9994669560 umadevigayat hri@gmail.co m	UG: 22 years s PG: 20 years	Digital Image Processing
18	Mrs.R.Sathya Assistant Professor	PSG College of Arts and Science Coimbatore	9486736882 rsathyaramasa my@gmail.co m	UG:13 PG:8	Image Processing


Signature of the Board Chairman with seal

Dr. P. SENTHIL VADIVU,
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