

# BOS MINUTES 2020 - 2021

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

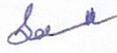
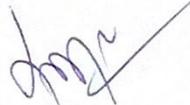
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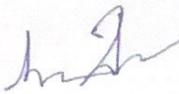
**BOARD OF STUDIES MEETING IN COMPUTER SCIENCE**  
**(For the Academic year 2020-21)**  
**Attendance Report**

Date: 18.08.2020

Time: 11.00 AM

Venue: Lab 12 (ONLINE MODE)

	Name	Designation	Signature
Chairman	Dr.Rangaraj R	Associate Professor & HOD, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
Members (Internal)	1. Mrs.T.Seeniselvi	Associate Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	2. Mrs.K.Jeyalakshmi	Associate Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	3 .Dr.A.Prakash	Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	4 .Mrs. S.Sasikala	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	5. Mrs.M.Selvapriya	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	6. Mrs.B.Yazhini	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	

	7. Mr.K.S.Senthilkumar	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	8. Mr.G.Ravishanker	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
	9. Mrs.S.Lakshmi priya	Assistant Professor, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-28	
External (Subject Experts)	1. Dr. G.Rajendiran	Head, Department of Computer Science. Thiruvalluvar Government Arts College, Rasipuram-637401, Namakkal district. Mobile: 9443841424. Mail ID: <a href="mailto:Guru.rajendran@yahoo.com">Guru.rajendran@yahoo.com</a>	Online-Mode
	2. Dr.M.Mayilvaganan	Associate Professor, Department of Computer Science. PSG College of Arts and Science Coimbatore-14 .Mobile : 9443775935 Mail ID: <a href="mailto:mayil24_02@yahoo.co.in">mayil24_02@yahoo.co.in</a>	Online-Mode
Industrial expert	Mr.RameshRajamani	Director & CTO, Thicktower Intech Platform P Ltd, 127,2nd floor,West Sambhandham Road, RS Puram,Coimbatore - 641002, Mobile: 9500056756, Email: <a href="mailto:ramesh.rajamani@gmail.com">ramesh.rajamani@gmail.com</a> Member (Industrial expert)	Online-Mode
Industrial expert	Ms.Sheetal Soni	Country Channel Manager - Career Education, Software Group - India/SA. Mobile -9527076969 Email: <a href="mailto:sheetal.soni@in.ibm.com">sheetal.soni@in.ibm.com</a> Member(Industrial expert)	Leave of Absence

Industrial Expert	Mr.Srinivasan.K	Customer Lead, IT services & Project management Tata Consultancy Services	Online- Mode
Alumni	Mr.J.Sheik Shahul Hameed	Associate Manager, Indium Software Ganesh Chambers,Old No 243,New No 64 Eldams Road,Chennai-600018, Mobile: 9843609333 Email: <a href="mailto:Sheik.185@gmail.com">Sheik.185@gmail.com</a>	Online-Mode
University Nominee	Dr A.V.Ramani	HOD, Department of Computer Science SRMV College of Arts and Science, Periyanaickenpalayam, Coimbatore- 641020 Mobile : 9443936908, Mail ID : <a href="mailto:avvramani@yahoo.com">avvramani@yahoo.com</a>	Online-Mode

### MINUTES OF BOARD OF STUDIES MEETING

A. The following resolutions were made in the BOARD OF STUDIES meeting held on **18 .08.2020** at 11.00am in the **Department of Computer Science (B.Sc. CS)** through **online mode**.

1. The Syllabi of III & IV semester of the **UG (B.Sc. CS)** programme for the students admitted during the academic year 2019-2020 and onwards were approved.
2. 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 Students admitted from the academic year 2020-2021 and onwards were approved.
3. The Syllabi of I & II semester of the **B.Sc. CS (UG)** programme for the students admitted during the academic year 2020-2021 and onwards were approved.

Course Specialization Tracking System will be followed for the Students admitted during the academic year 2020 – 2021 and onwards under **Track – 1 Regular, Track – 2 Industry Integrated Program with IBM Artificial Intelligence**

**Track - 2 (Industry Integrated Program with IBM Artificial Intelligence)**

Semester No	Subject Code (Track-1 Regular)	Title of the Paper (Track-1 Regular)	Subject Code (Track-2 IBM <u>Artificial Intelligence</u> )	Title of the Paper (Track- 2 IBM <u>Artificial Intelligence</u> )
I	20CEU02	Computer System Architecture	20CEIU02	Software Foundation Program using C++

Semester No	Subject Code (Track-1 Regular)	Title of the Paper (Track-1 Regular)	Subject Code (Track-2 IBM <u>Artificial Intelligence</u> )	Title of the Paper (Track- 2 IBM <u>Artificial Intelligence</u> )
II	20CEU05	Data Structures	20CEIU05	Data Visualization

4. 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.

<b>Title of VA Course</b>
A. Digital Marketing
B. Mongo DB
C. Network Reconnaissance
D. SAP ERP Fundamentals
E. Block Chain Technology
F. Digital Humanities
G. E Learning
H. Network Administration & Troubleshooting
I. VM Ware
J. Project Management

5. 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.

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

It is resolved that there is no changes are recommended in the existing Scheme of Evaluation for the **BSc CS (Track – 1 Regular)** Students for the academic year 2020-2021 and onwards.

7. It is resolved that changes are recommended in the existing Scheme of Examinations and Evaluation for the **Track – 2 Industry Integrated Program with IBM Artificial Intelligence** Students from the academic year 2020-2021 and onwards.

8. Additional name for the Panel of Question paper setters and evaluators were included and it was approved.

9. The syllabi for Allied Paper of Catering Science and Hotel Management department, **Allied Practical: Computer Application in Hotel Industry (19CHU20)** of the UG Programmes for the students admitted during the academic year 2019-2020 & onwards was approved.

10. The syllabi for Allied paper of Biotechnology Department, **Allied IV - Python Programming (19BTU15)** of the UG Programmes for the students admitted during the academic year 2019-2020 & onwards was approved.

11. The syllabi for Allied paper of Biotechnology Department, **Allied Practical III - Programming using Python lab (19BTU17)** of the UG Programmes for the students admitted during the academic year 2019-2020 & onwards was approved.

B. The following resolutions were made in the BOARD OF STUDIES meeting held on **18 .08.2020** at 11.00am in the **Department of Computer Science (B.Sc. Computer Science with Cognitive systems)** through **online mode**.

The Scheme of Examination, Scheme of Evaluation and Syllabi of I & II semester of the **B.Sc. CS with Cognitive Systems** programme for the students admitted during the academic year 2020-2021 and onwards were approved.

S.No.	Sem	Subject code	Title of the subject
1	I	20TCU01	Operating System
2		20TCU02	Practical I- Introduction to Worksheets
3		20TCU04	Practical II – Programming using Operating System
4	II	20TCU05	Data Structures
5		20TCU06	Computer Networks
6		20TCU08	Practical III- Programming using Computer Networks

Enclosures:

1.For I & II semester for the academic year 2020-21(Track-1 Regular, , Track – 2 Industry Integrated Program with IBM Artificial Intelligence)

S.No.	Sem.No.	Subject Code (Track 1) (Regular)	Title of the Paper (Track- 1) (Regular)	Subject Code (Track-2) (IBM Artificial Intelligence)	Title of the Paper (Track-2) (IBM Artificial Intelligence)
1	I	20CEU01	Fundamentals of Computing and C Programming	20CEU01	Fundamentals of Computing and C Programming
2		20CEU02	Computer System Architecture	20CEIU02	Software Foundation Program using C++
3		20CEU04	Practical - I : Programming using C	20CEU04	Practical - I : Programming using C
4	II	20CEU05	Data Structures	20CEIU05	Data Visualization
5		20CEU06	Python Programming	20CEU06	Python Programming
6		20CEU08	Practical II : Programming using Python	20CEU08	Practical II : Programming using Python

In the above tabular column the course Software Foundation Program using C++ (20CEIU02), Data Visualization (20CEIU05) are newly introduce.

2. For III & IV semester for the academic year 2019-2020

S.No.	Sem	Subject code	Title of the subject
1	III	19CEU09	Programming With Java
2		19CEU10	Computer Networks
3		19CEU11	Software Engineering
4		19CEU13	Practical - III: Programming using JAVA
5		19CEU14	Practical - IV: Web Design
6	IV	19CEU15	Relational Database Management System
7		19CEU16	Operating System
8		19CEU17	Practical - V: RDBMS Applications
9		19CEU19	Practical - VI: Software Testing

In the above tabular column the course Practical - IV: Web Design (19CEU14), Practical - V: RDBMS Applications (19CEU17) are newly introduce.

## PG M.Sc(Computer Science)

The following resolutions were made in the BOARD OF STUDIES meeting held on 18 .08.2020 at 11.00am in the **Department of Computer Science** through **online mode**.

1. The Scheme & Syllabi of III & IV semester of the **M.Sc Computer Science (PG)** programmes for the students admitted during the academic year 2019-2020 and onwards were approved.

Semester No.	Subject Code	Approved Title ( 2019 – 2020 )	Subject Code	Replaced Title ( 2019 – 2020 )
III	19CEP14	Data Mining and Warehousing	19CEP16	Data Mining and Warehousing
III	19CEP15	Internet of Things	NIL	NIL
III	19CEP16	Practical V: DIP Programming using MATLAB	19CEP16	Data Mining and Warehousing
III	19CEP17	PracticalVI:Programming the Internet of Things Lab	NIL	NIL
III	19CEP18A	<b>Elective-I</b> Distributed Computing	19CEP18A	Multimedia & its Applications
IV	19CEP19	Big Data Analytics	NIL	NIL
IV	19CEP20	Research Methodology	19CEP20	Business Intelligence
IV	19CEP21	<b>Practical VII:</b> Big Data Analytics Using R Tool	NIL	NIL
IV	19CEP22A	<b>Elective-II</b> Business Intelligence	19CEP22A	Research Methodology
IV	19CEP22B	<b>Elective-II</b> E-Commerce	19CEP22B	Wireless Communication and Technology

In the above tabular column the courses 19CEP15- Internet of Things, 19CEP16-Practical V:DIP Programming using MATLAB,19CEP17-Practical VI: Programming the Internet of Things Lab,19CEP18A-DistributedComputing,19CEP19-Big Data Analytics,19CEP20-Research Methodology,19CEP21-Practical VII: Big Data Analytics Using R Tool,19CEP22(B)-E-Commerce were introduced as a new course.

2. 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 students admitted from the academic year 2020-2021 and onwards.

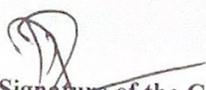
3. The Syllabi of I & II semester of the **M.Sc Computer Science (PG)** programmes for the students admitted during the academic year 2020-2021 and onwards were approved.

4. 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.



S.No	Subject code	Title of VAC course
1	A	Digital Marketing
2	B	SAP ERP Fundamentals
3	C	Digital Humanities
4	D	Master Web Designing in Photoshop
5	E	Cyber law
6	F	Fundamentals Of Block chain

5. Aptitude , Placement training and Online courses(Job Oriented Courses) are introduced as Skill Enhancement Courses (SEC) and grades will be provided for each semester and to be approved.
6. The updation in the Programme Educational Objectives (PEOs), Programme Outcomes (POs) and Course Outcomes (COs) were discussed and approved.
7. It is resolved that there is no changes are recommended in the existing Scheme of Examinations(2019-2021) for the **M.Sc Computer Science** Students from the academic year 2020-2021 and onwards.
8. Additional names for the panel of question paper setters and evaluators were included and it was approved

  
Name & Signature of the Chairman (With seal)

  
**PRINCIPAL**  
Hindusthan College of Arts and Science  
Hindusthan Gardens, Behind Neva India.  
Coimbatore - 641 028.

Enclosures:

**I.For I & II semester for the academic year 2020-21**

S.No	Sem	Subject code	Title of the subject
1	<b>I</b>	20CEP01	Mobile Application Development
2		20CEP02	Analysis & Design of Algorithms
3		20CEP03	Advanced Java Programming
4		20CEP04	Advanced Software Engineering
5		20CEP05	<b>Practical I:</b> Mobile Application Programming
6		20CEP06	<b>Practical II:</b> Java Programming
7	<b>II</b>	20CEP07	Advanced Operating System
8		20CEP08	Open source Database Management system
9		20CEP09	Web Programming using Open source Technologies
10		20CEP10	Machine Learning &Robotics
11		20CEP11	<b>Practical III :</b> Web programming
12		20CEP12	<b>Practical IV:</b> Open source Database management system
13		20GSP01	<b>Skill Based : Cyber Security</b>

**2.For III & IV semester for the academic year 2019-20**

S.No.	Sem	Subject code	Title of the subject
1	<b>III</b>	19CEP13	Digital Image Processing
2		19CEP14	Data Mining & Warehousing
3		19CEP15	Internet of Things
4		19CEP16	<b>Practical V :</b> DIP Programming using MAT LAB
5		19CEP17	<b>Practical VI :</b> Programming the Internet of Things Lab
6		19CEP18A	<b>Elective - I : (A)Distributed Computing</b>

7		19CEP18B	<b>Elective - I : (B) Web Technology</b>
8	<b>IV</b>	19CEP19	Big Data Analytics
9		19CEP20	Research Methodology
10		19CEP21	<b>Practical VII : Big Data Analytics Using R Tool</b>
11		19CEP22A	<b>ELECTIVE - II : (A) Business Intelligence</b>
12		19CEP22B	<b>ELECTIVE - II : (B) E-Commerce</b>
13		19CEP23	Project Work

3. Panel of question paper setters (Give minimum 10 experts)

**DEPARTMENT:**

S.No	Name & Designation	College Address	Mobile Number and E-Mail ID	No. of years of Teaching Experience	Specialized Subjects
1	Dr.Karthikeyan, Assistant Professor	Rathinam college of Arts & Science, Coimbatore	9578682007 & s.karthics@gmail.com	18 yrs	Web Technology Android Application Development
2	Dr.S.Manju, Assistant Professor	PSG College of Arts and science, Coimbatore	9894231582 & manju@psgcas.ac.in	13 yrs	Data Mining, Computer Networks, Artificial Intelligence
3	Dr.D.Saraswathi, Assistant Professor	PSG College of Arts and science, Coimbatore	9994670010 & Saraswathi.ds@gmail.com	14 yrs	Data Mining
4	P.Meneka, Assistant Professor	Dr. N.G.P Arts & Science college,coimbatore	9600974057 & menaka@drngpasc.ac.in	14 yrs	Data Mining
5	Dr.R.Uma Gandhi, Associate Professor & Head	Kongunadu Art and science college,Coimbatore	9487579427 & umakongunadu@gmail.com	23 yrs	Web Mining
6	Mr R Boobathiraj, Assistant Professor	Dr. G R Damodaran College of Science,Coimbatore-14	9965975295 & boobathi191@gmail.com	18 yrs	Data Mining, Computer Networks, Artificial Intelligence, Web Technology
7	Dr B R Laxmi sree Assistant Professor	Dr. G R Damodaran College of Science,Coimbatore-14	9943126070 & viporala@yahoo.com	14 yrs	Data Mining, Computer Networks,
8	Dr.R.Beena, Associate Professor & Head	Kongunadu Art and science college,Coimbatore	9894645932 & rbeenacs@gmail.com	20 yrs	Data Mining
9	Dr.S Mythili, Associate Professor & Head	Kongunadu Art and science college,Coimbatore	9791765133 & smythili78@gmail.com	20 yrs	Data Mining, Software Engineering
10	Mrs P Sunitha, Assistant Professor	Pioneer College of Arts and Science,Jothipuram	9952476520	10 yrs	Software Engineering