

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





BOARD OF STUDIES MEETING IN BACHELOR OF COMPUTER SCIENCE WITH
COGNITIVE SYSTEMS
(For the Academic year 2022-2025)
Attendance Report

Date: 14.07.2022

Time: 10.30 AM

Mode: Blended

Video call link: <https://meet.google.com/bdv-swyr-bsd>

	Name	Designation	Signature
Chairman	Dr.S.Sasikala	Associate Professor & Head Department of Computer Science with Cognitive Systems Hindusthan College of Arts and Science Coimbatore-641028	
Members (Internal)	Mrs.P.Deepika	Assistant Professor, Department of Computer Science with Cognitive Systems, Hindusthan College of Arts and Science, Coimbatore-641028	
	Mr.R.Jayakumar	Assistant Professor, Department of Computer Science with Cognitive Systems, Hindusthan College of Arts and Science, Coimbatore-641028	
	Ms.E.Kavipriya	Assistant Professor, Department of Computer Science with Cognitive Systems, Hindusthan College of Arts and Science, Coimbatore-641028	
External (Subject Experts)	Dr Preetha S Associate Professor Sri Ramakrishna College of Arts and Science for Women	Associate Professor & Head, Sri Ramakrishna College of Arts and Science for Women, Coimbatore preekrishiv@gmail.com 9865382882	Online Attended

	Dr.R.Sridevi	Associate Professor & Head, Dept of Computer Science with Data Analytics, PSG College of Arts 9787207262 sridevi.r@gmail.com	Online Attended
Industrial Expert	Mr. Stephen Dinakaran	Academic Interface Program Academic Relationship Manager – PAN India Human Resources Tata Consultancy Services Ltd., Chennai, Tamil Nadu stephenmoses.dinakaran@tcs.com 9841157530	Online Attended
	Mr Phani Kumar	IT Infrastructure Architect, Tata Consultancy Services Ltd., Chennai, Tamil Nadu 9849139394	Online Attended
Alumni	NIL		
University Nominee	Dr. T. Amudha	Associate Professor Department of Computer Applications Bharathiar University amudha.swamynathan@gmail.com 9790002244	Absent

MINUTES OF BOARD OF STUDIES MEETING

Dr.S.Sasikala, Chairman, Board of Studies presided over the meeting and initiated the proceedings with a warm welcome to the members present.

Dr.S.Sasikala, Chairman, Board of Studies explained about the curriculum to the members of the board.

Dr.S.Sasikala, Associate Professor & Head

Department of Computer Science with Cognitive Systems

presented the curriculum of B.Sc. Computer Science with Computer Science with Cognitive Systems

The following are the discussion carried out to enrich the curriculum.

Presented the Scheme and Syllabus for 2022-2023 of B.Sc. Computer Science with Cognitive Systems

- ❖ Scheme for 2022-2023 of B.Sc. Computer Science with Cognitive Systems
- ❖ Syllabus for 2022-Semester I & Semester II of B.Sc. Computer Science with Cognitive Systems
 - a. Subject Matter Expert Mr.Phani Kumar suggested
 - i. In the scheme at semester III instead of 22TCU11, CORE VIII, Infrastructure Management, include the Core XIV 22TCU18, Process Management at Semester IV and swap these two papers.
 - ii. In CORE XII, Virtualization and Cloud Computing, the unit V is suggested to be placed as Unit I and remaining as subsequent units.
- ❖ It is resolved that the paper at III Semester, Process Management is placed with subject code 22TCU11 as CORE VIII and Infrastructure Management is placed with subject code 22TCU18 as CORE XIV at Semester IV.
- ❖ It is resolved that Unit V of the CORE XII, Virtualization and Cloud Computing is kept as Unit I.
- ❖ Scheme for 2022-2023 of B.Sc. Computer Science with Cognitive Systems is approved. Syllabus for 2022-2023 Semester I & Semester II of B.Sc. Computer Science with Cognitive Systems is approved.
- ❖ Scheme of the examinations is discussed for 2022-2023 of B.Sc Computer Science with Cognitive systems 2022-2023 and onwards

Presented the Scheme and Syllabus for 2021-2022 of B.Sc. Computer Science with Cognitive Systems

- ❖ Scheme for 2021-2022 of B.Sc. Computer Science with Cognitive Systems
- ❖ Syllabus for 2021-Semester III Semester IV of B.Sc. Computer Science with Cognitive Systems

a. Subject Matter Expert Mr.Phani Kumar suggested

- i. In the scheme at semester III instead of 21TCU11, CORE VIII, Infrastructure Management, include the Core XIV 21TCU18, Process Management at Semester IV and swap these two papers.
- ii. In CORE XII, Virtualization and Cloud Computing, the unit V is suggested to be placed as Unit I and remaining as subsequent units.

- ❖ It is resolved that the paper at III Semester, Process Management is placed with subject code 21TCU11 as CORE VIII and Infrastructure Management is placed with subject code 21TCU18 as CORE XIV at Semester IV.
- ❖ It is resolved that Unit V of the CORE XII, Virtualization and Cloud Computing is kept as Unit I.
- ❖ Elective papers for 2021-Semester III Semester IV of B.Sc. Computer Science with Cognitive Systems are presented to the members
- ❖ Scheme for 2021-2022 of B.Sc. Computer Science with Cognitive Systems is approved. Syllabus for 2021-2022 Semester I & Semester II of B.Sc. Computer Science with Cognitive Systems is approved. Elective papers for 2021-Semester III Semester IV is approved.

Presented the Scheme and Syllabus for 2020-2021 of B.Sc. Computer Science with Cognitive Systems

- ❖ Scheme for 2020-2021 of B.Sc. Computer Science with Cognitive Systems
- ❖ Syllabus for 2020-Semester V Semester VI. of B.Sc. Computer Science with Cognitive Systems
- ❖ Elective papers of B.Sc. Computer Science with Cognitive Systems are presented to the members

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 Science with Cognitive Systems** through online mode.

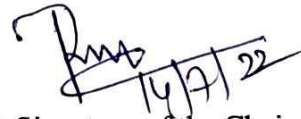
- ❖ Scheme and Syllabi of 2022-2023, I and II Semester, B.Sc Computer Science with Cognitive Systems is presented to the Board of Studies and were approved.
- ❖ It is resolved that the paper at III Semester, Process Management is placed with subject code 22TCU11 as CORE VIII and Infrastructure Management is placed with subject code 22TCU18 as CORE XIV at Semester IV.
- ❖ It is resolved that Unit V of the CORE XII, Virtualization and Cloud Computing is kept as Unit I.
- ❖ Scheme and Syllabi of 2021-2022, II and III Semester, B.Sc Computer Science with Cognitive Systems is presented to the Board of Studies and were approved.

- ❖ It is resolved that the paper at III Semester, Process Management is placed with subject code 21TCU11 as CORE VIII and Infrastructure Management is placed with subject code 21TCU18 as CORE XIV at Semester IV.
- ❖ It is resolved that Unit V of the CORE XII, Virtualization and Cloud Computing is kept as Unit I.
- ❖ Scheme and Syllabi of 2020-2021, V and VI Semester, B.Sc Computer Science with Cognitive Systems is presented to the Board of Studies and were approved.
- ❖ To Approve the Scheme of Examinations of the Choice Based Credit System(CBCS) and Learning Outcome Based Curriculum Framework(LOCF) updation in the Programme Educational Objectives(PEOs) and Course Outcomes(Cos) for the Students admitted from the academic year 2022-2023.
- ❖ Value added courses and Job Oriented Courses were introduced as an extra credit courses for all semesters of the B.Sc Computer Science with Cognitive Systems programme and evaluation pattern discussed and approved.

List of Open Elective Papers & VAC / JOC	
Open Elective Papers	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

	<p>General Studies for Competitive Examinations</p> <p>IIT JAM Examination (for Science only)</p> <p>CUCET Examination</p>
Courses offered by the Departments to other Programmes/Value Added Courses	Digital Humanities
	E- Learning
	MongoDB
	Project Management
	Web Technologies: HTML and CSS
	Web Technologies: JavaScript

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


14/7/22

Name & Signature of the Chairman (With seal)

Dr. S. SASIKALA
M.Sc.,MCA.,M.Phil.,PGDPM & IR.,Ph.D.,SET
Head & Associate Professor
Department of Computer Science with
Cognitive Systems
Hindusthan College of Arts & Science
Coimbatore - 641 028.


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


PRINCIPAL

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

- ❖ B.Sc. Computer Science with Cognitive Systems (I & II semester) for the academic year 2022-23
Core Papers:

S.No	Semester No	Subject Code	Subject Name
1	I	22TCU01	Operating System
2		22TCU02	Practical- I- Introduction to worksheets
3		22TCU03	Practical-II- Programming using Operating system
4	II	22TCU05	Computer Networks
5		22TCU06	Data Structures and Algorithm
6		22TCU07	Practical-III- Programming using Computer Networks
7		22TCU08	Practical- IV- Programming using HTML, CSS and JavaScript

- ❖ B.Sc. Computer Science with Cognitive Systems (III & IV semester) for the academic year 2021-22
Core Papers:

S.No	Semester No	Subject Code	Subject Name
1	III	21TCU11	Process Management
2		21TCU12	Python Programming
3		21TCU13	Practical – V:Programming Lab Python
4		21TCU14	Practical –VI: Virtualization and cloud Lab
5		21TCU15	Virtualization and Cloud Computing
6	IV	21TCU17	Database Management System

7		21TCU18	Infrastructure Management
8		21TCU19	Practical-VII:DBMS Applications
9		21TCU20	Practical-VIII: Infrastructure Management Lab

Elective Papers:

S.No	Semester No	Subject Code	Subject Name
1	IV	21TCU22A	Electives/DSE-I IT Infrastructure Library(OR)
		21TCU22B	Electives/DSE-I Business Data Analytics (OR)
		21TCU22C	Electives/DSE-I Web Technologies and Multimedia
2	V	21TCU28A	Electives/DSE-II IT Cognition(OR)
		21TCU28B	Electives/DSE-II Compiler Design(OR)
		21TCU28C	Electives/DSE-II Internet of Things
3	VI	21TCU29A	Electives-DSE-III Robotics(OR)
4		21TCU29B	Electives-DSE-III Artificial Intelligence(OR)
5		21TCU29C	Electives-DSE-III Machine Learning
6		21TCU30A	Electives-DSE-IV Deep Learning(OR)
7		21TCU30B	Electives-DSE-IV Social Network Analysis(OR)
8		21TCU30C	Electives-DSE-IV Software Project Management

❖ B.Sc. Computer Science with Cognitive Systems (V & VI semester) for the academic year 2020-21

S.No	Semester No	Subject Code	Subject Name
1	V	20TCU20	Software Testing
2		20TCU21	IT Infrastructure Library
3		20TCU22	Software Testing Lab
4		20TCU24	Practical IX: Infrastructure Management Lab
5	VI	20TCU25	Digital Technologies
6		20TCU27	Practical X: Digital Technologies Lab
7		20TCU29	Practical XI: Client Relationship Management Lab

Elective Papers:

S.No	Semester No	Subject Code	Subject Name
1	V	20TCU23A	Elective I Internet of Things (OR)
2		20TCU23B	Elective I: Business Data Analytics (OR)
3		20TCU23C	Elective I: Web Technologies and Multimedia
4	VI	20TCU26A	Elective II: Client Relationship Management (OR)
5		20TCU26B	Elective II: Machine Learning (OR)
6		20TCU26C	Elective II: Compiler Design
7		20TCU28A	Elective III: IT Cognition (OR)
8		20TCU28B	Elective III: Social Network Analysis (OR)
9		20TCU28C	Elective III: Information Security and Cyber Laws

Enclosures:

❖ Panel of question paper setters (Give minimum 10 experts)

S.No	Name & Designation	College Address	Mobile Number and E-Mail ID	No. of years of Teaching Experience	Specialized Subjects
1	Dr.R.Sridevi	Associate Professor & Head, Dept of Computer Science with Data Analytics, PSG College of Arts and Science	sridevi.r@gmail.com 9787207262	10 yrs	Operating Systems, Data Mining, Cloud Computing
2	Mr.J.Jelsteen	Sri Krishna Arts And Science College, Coimbatore	9443878773 jelswels@gmail.com	18 yrs	Data mining
3	Dr. Vignesh Ramamoorthy	Sri Krishna Arts And Science College, Coimbatore	6382626331 hvigneshram@gmail.com	11 yrs	Mobile Computing and Advanced Networking
4	Mrs. Deepa	Sri Krishna Arts And Science College, Coimbatore	9442290887 deepab@skasc.ac.in	12 yrs	Data Mining
5	Dr.V.S.Anita Sofia	PSG College of Arts and Science, Coimbatore	9894959107 sofia.joel@gmail.com	20 yrs	Networking
6	Dr K.Saraswathi, Assistant Professor Department of Computer Science	Dr N.G.P. Arts and Science College, Dr N.G.P. Nagar, Kalapatti Road, Coimbatore-641048	9842052329 drsaraawathirajendran@gmail.com	24 yrs	1.Computer Networks 2.Data Mining
7	Dr.Karthikeyan, Assistant Professor	Rathinam college of Arts & Science, Coimbatore	9578682007 & s.karthics@gmail.com	18 yrs	Web Technology Android Application Development
8	Dr.S Mythili, Associate Professor & Head	Kongunadu Art and science college, Coimbatore	9791765133 & smythili78@gmail.com	20 yrs	Data Mining, Software Engineering
9	Mrs.R. Tamilarasi	RVS Arts and science college, Coimbatore	8754685966 & vpvtamil@gmail.com	21 yrs	Data mining Cloud computing Machine learning and Artificial intelligence Android programming
10	Mr.Karthik	PSG College of Arts and Science, Coimbatore	9842036263 karthikyessekar@gmail.com	15 yrs	Data Mining, Software Engineering