



HINDUSTHAN COLLEGE OF ARTS AND SCIENCE (Autonomous)

Coimbatore-641 028

CONTROLLER OF EXAMINATIONS

BOARD OF STUDIES MEETING in COMPUTER TECHNOLOGY

(for the Academic year 2021-22)

Attendance Report

Date: 29.07.2021

Mode: Online

Time: 10:30 AM

Meeting Link: meet.google.com/ybh-btqn-fjn

Courses: B.Sc. CT

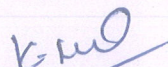
	Name	Designation	Signature
Chairman	Mrs.K.Mythili	Associate Professor & Head	
Members (Internal)	1. Mrs.M.Amalmary	Assistant Professor	
	2. Mrs.D.Mythili	Assistant Professor	
	3. Dr.C.Thirumoorthi	Associate Professor	
	4. Mrs.T.Kavipriya	Assistant Professor	
	5. Mrs.R.Sivaranjani	Assistant Professor	
External (Subject Expert)	1.Dr. Kumar R Professor & Head	Department of Computer Science [PG] MCA Programme KristuJayanti College (Autonomous), K. Narayanapura, Kothanur Post, Bangalore - 560 077 Karnataka Mail Id :rkumar@kristujayanti.com Mobile No : +919902933747	Online Mode
External (Subject Expert)	2. Dr.D.Maheshwari, Professor & Head	Department of Computer Technology, Dr.N.G.P Arts and Science College, Kalapatti, Coimbatore – 641048 Mail-id : maheshwari@drngpasc.ac.in Mobile No : 99941 53930.	Online Mode
Industrial Expert	Ms.S.Thilakavathi	Senior Associate, Cognizant Technology Solutions, 138/1, NRR Layout, Vasantha Mills,Singanallur,Coimbatore- 641005. Mail Id : sumal.81@gmail.com	Online Mode

K. MYTHILI M.Sc., M.Phil., (Ph.D.)
Associate Professor & HOD
Department of Computer Technology
Hindusthan College of Arts and
Science (Autonomous)
Coimbatore - 641 028.

		Mobile No: 8940589829	
Industrial Expert			
	Ms. Vidyasri	Vidhya Sri T Director – Institute Relations & HR Adroit Technologies Pvt. Ltd. Coimbatore Mail Id : 9715676366.	Online Mode
Alumni	Mr. V.Dhinesh	Associate Engineer, Harman Connected Services Corporation Pvt Ltd., 2/166 C1, AVM Gardens, Keeranatham, Saravanampatti, Coimbatore- 641035. Mail Id: dhineshdinu201@gmail.com Mobile No: 7904907902	Online Mode
University Nominee	DrR. Vadivel	Assistant Professor, Department of Information Technology, Bharathiar University, Coimbatore-641046. Mail Id: vlrvadivel@yahoo.co.in Mobile No: 9994268885	Online Mode

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

1. The **Syllabi of V & VI semester** of the **UG (B.Sc. CT)** programme for the students admitted during the **academic year 2019-2020** and onwards were approved.
2. The **Syllabi of III & IV semester** of the **UG (B.Sc. CT)** programme for the students admitted during the **academic year 2020-2021** 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 were discussed for the **UG (B.Sc. CT)** for the students admitted during the **academic year 2021-2022** and onwards.
4. The **Syllabi of I & II semester** of the **UG (B.Sc. CT)** programme for the students admitted during the **academic year 2021-2022** and onwards were approved.
5. The BOS of Department of Computer Technology discussed and resolved to modify the syllabus of **B.Sc. CT .NET Programming (19CTU20)** which includes ASP.NET


K. MYTHILI M.Sc., M.Phil., (Ph.D)
 Associate Professor & HOD
 Department of Computer Technology,
 Hindusthan College of Arts and
 Science (Autonomous)
 Coimbatore - 641 028.

in the Unit- V for the students admitted during the academic year 2019 – 2020 and onwards.

6. The BOS of Department of Computer Technology discussed and resolved to modify the syllabus of **B.Sc. CT- Practical –VII – Programming using .NET (19CTU22)** which includes the programs with ASP.NET for the students admitted during the academic year **2019 – 2020 Batch**.
7. The BOS of Department of Computer Technology discussed and resolved to modify the syllabus of **B.Sc. CT- Practical –X – Software Testing Tools (19CTU29)** which includes the programs with both WinRunner and LoadRunnerTools for the students admitted during the academic year **2019 – 2020 Batch**.

8. FAST TRACK SYSTEM:

The Students have the options of taking two subjects of the sixth semester of B.Sc. CT programme through NPTEL / Swayam portal from the list given or offered by NPTEL and approved by the department for which credit transfer is permitted. The students should inform the department prior to the registration of the course and get due approval for the same. If the student completes these courses before start of the sixth semester of B.Sc. CT programme , the student can be considered for a fast track programme, and do the project work alone during the sixth semester of B.Sc. CT programme , apart from the self study paper. Once the student submits the successful course completion credentials as required by the college for the NPTEL/SWAYAM online courses, then the credit transfer will be considered for qualifying the degree.

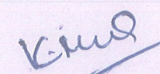
9. Course Specialization Tracking System will be followed for the Students admitted during in the academic year 2021-2022 and onwards.

- **Track1: Regular**
- **Track2 :Industry Integrated (IBM Data Science)**

Semester No	Subject Code	Track-1	Subject Code	Track -2
I	21CTU02	Computer System Architecture	21CTIU02	Software Foundation Program Using C++
II	21CTU06	Data Structures and Algorithms	21CTIU06	Data Visualization

10. Value added courses were introduced as an extra credit courses for all semesters of the programme and evaluation pattern discussed and approved for the students admitted during the academic year 2021-2022 and onwards.

S.No	Title of VAC course
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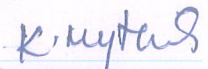
a	Animation Techniques
b	Digital Marketing
c	Multimedia And Its Applications
d	E Learning
e	VM Ware

11. Open Elective were introduced as an extra credit courses for all semesters of the programme and evaluation pattern discussed and approved for the students admitted during the academic year 2021-2022 and onwards.

List of Open Elective Papers	
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	
Open Source Software	
Introduction to Database & SQL	

12. Aptitude/Placement training/Online courses (Job Oriented Courses) are introduced as Skill Enhancement Courses (SEC) and grades will be provided for each semester and to be approved.

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


K. MYTHILI, M.Sc., M.Phil., (Ph.D.)
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14. It is resolved that No changes are recommended in the new scheme of evaluation for the B.SC CT Track 1: Regular students from the academic year 2021-2022 and onwards. No changes are recommended in the existing scheme of evaluation for B.SC CT Track2: Industry Integrated (IBM Data Science) for the students admitted during the academic year 2021-2022 and onwards.
15. It is resolved to introduce Fast track system for UG in the Sixth Semester for the students admitted during the academic year 2021 - 2022 & onwards was approved.
16. The above points are discussed and approved by the member of Board of Studies in Department of Computer Technology on 29.07.2021.
17. Additional names for the panel of question paper setters and evaluators were included and it was approved.

KMP

K.M.S

Name & Signature of the Chairman (With seal)

K. MYTHILI M.Sc., M.Phil., (Ph.D)
Associate Professor & HOD
Department of Computer Technology
Hindusthan College of Arts and
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Enclosures:

1. For B.Sc. CT (I & II semester) for the academic year 2021-22

S. No	Sem	Track- 1		Track 2	
		Subject Code	Title of the Paper	Subject Code	Title of the Paper
1	I	21CTU01	Programming with C	21CTU01	Programming with C
2		21CTU02	Computer System Architecture	21CTU02	Software Foundation Program Using C++
3		21CTU03	Practical - I : Programming using C	21CTU03	Practical - I : Programming using C
4	II	21CTU05	Python Programming	21CTU05	Python Programming
5		21CTU06	Data Structures and Algorithms	21CTU06	Data Visualization
6		21CTU07	System Software	21CTU07	System Software
7		21CTU08	Practical – II : Programming using Python	21CTU08	Practical – II : Programming using Python

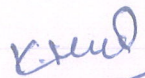
2. For B.Sc. CT (III & IV semester) for the academic year 2020-21

S. No	Sem	Track- 1		Track 2	
		Subject Code	Title of the Paper	Subject Code	Title of the Paper
1	I	20CTU09	Database Management System	20CTU09	Database Management System
2		20CTU10	Computer Networks	20CTU10	Computer Networks
3		20CTU11	PC Hardware and Troubleshooting	20CTU11	Design Thinking
4		20CTU13	Practical - III: DBMS Applications	20CTU13	Practical - III: DBMS Applications
5		20CTU14	Practical - IV: Networking	20CTU14	Practical - IV: Networking
6	IV	20CTU15	Java Programming	20CTU15	Java Programming
7		20CTU16	LINUX and Shell Programming	20CTU16	Business Intelligence
8		20CTU17	Practical – V: Programming using JAVA	20CTU17	Practical – V: Programming using JAVA
9		20CTU19	Practical VI : Web Technology	20CTU19	Practical VI : Web Technology

K. Mythili
K. MYTHILI M.Sc., M.Phil., (Ph.D)
Associate Professor & HOD
Department of Computer Technology
Hindusthan College of Arts and
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3. For B.Sc. CT (V & VI semester) for the academic year 2019-20

S.No	Sem	Subject code	Title of the subject
1	V	19CTU20	.NET Programming
2		19CTU21	Datamining
3		19CTU22	Practical VII : Programming using .NET
4		19CTU23A	Elective I - Cloud Computing
		19CTU23B	Elective I – Soft Computing
		19CTU23C	Elective I – Mobile Computing
5	19CTU24	Practical VIII – Data Analytics	
6	VI	19CTU25	Open Source Tools
7		19CTU26A	Elective II – Software Testing
		19CTU26B	Elective II – Computer Installation & Servicing
		19CTU26C	Elective II – Artificial Intelligence and Expert Systems
8		19CTU27	Practical IX – Open Source Tools
9		19CTU28A	Elective III – Computer Graphics and Multimedia
	19CTU28B	Elective III – Compiler Design	
	19CTU28C	Elective III – Neural Networks	
10	19CTU29	Practical –X Software Testing Tools	


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 - Associate Professor & HOD
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Track-2 Industry Integrated (IBM Data Science)

1. Internal Marks : 40 Marks

Components	Marks
Two Test*	10
Practical #	10
Assignment \$	10
Project &	10
TOTAL	40

*-Two internals will be conducted for 30marks. Both the exam marks will be converted to 10 marks

Internal: 30 marks

2 marks: $5 \times 2 = 10$ Marks(Descriptive type)

5 marks: $4 \times 5 = 20$ Marks (Descriptive type)

Total: 30 marks

\$-Two assignments will be given in the semester which will be like a use case

&-One project to be done based on the subject. Marks will be divided based on the project

execution and presentation

#-Practical exercise will be done in the lab based on scenario based question.

Evaluation will be

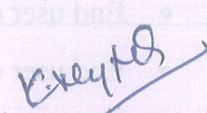
on the students input in the lab and viva

2. External exam : 60 Marks

Two marks: $5 \times 2 = 10$ (Description type)

Ten marks: $5 \times 10 = 50$ (Description type)

Total: 60 marks


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

DEPARTMENT: Computer Technology

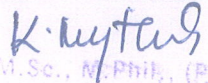
S.No	Name & Designation	College Address	Mobile Number and E-Mail ID	No. of years of Teaching Experience	Specialized Subjects
1	TAMILSELVI.KASSOCIATE PROFESSOR & HEAD	SNMV COLLEGE OF ARTS AND SCIENCE	9751035030 Tamilselvisnmv@gmail.com	24 years	Artificial Intelligence
2	VIJAYALAKSHMI P SASSISTANT PROFESSOR	SNMV COLLEGE OF ARTS AND SCIENCE	9443252440vijips2605@gmail.com	15 years	Networking
3	DR.B.ROSILINE JEETHAPROFESSOR	DEPARTMENT OF COMPUTER SCIENCEDr. N.G.P. ARTS AND SCIENCE COLLEGE	9842870107jeethasekar@gmail.com	18 years	IoT, Networking
4	N.KUMARASSISTANT PROFESSOR	DEPARTMENT OF COMPUTER SCIENCEDr. N.G.P. ARTS AND SCIENCE COLLEGE	9894594574pkn.kumaar@gmail.com	16 years, 11 Months	Machine Learning, Big Data Mining
5	M.SAVITHRIASSISTANT PROFESSOR	DEPARTMENT OF COMPUTER SCIENCEDr. N.G.P. ARTS AND SCIENCE COLLEGE	9487528688savi3.am.dach@gmail.com	15 years	Networking, Mobile Computing, Cloud Computing
6	DR.A.SUMATHIASSOCIATE PROFESSOR	DEPARTMENT OF COMPUTER SCIENCEDr. N.G.P. ARTS AND SCIENCE	9629377767sumathi@drngpasc.ac.in	16 years	Data Mining, Mobile Computing


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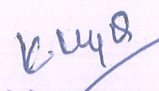
		COLLEGE			
7	R.HEMALATHIAASSISTANT PROFESSOR IN COMPUTER SCIENCE	PSG COLLEGE OF ARTS AND SCIENCE	9842845515latharaji123@ gmail.com	17 years	Web Technology Image Processing
8	R.AMUTHAASSISTANT PROFESSOR	PSG COLLEGE OF ARTS AND SCIENCE	9087749695amutharajan@ gmail.com	15 years	Cloud Computing, Artificial Intelligence
9	DR.F. MARY MAGDALENE JANEPROFESSOR	Dr. N.G.P. ARTS AND SCIENCE COLLEGE	9843075111marymagdalenejane@drngpasc.ac.in	21 years	Data Analytics, Data Management
10	MRS.S.KAWSALYAASSISTANT PROFESSOR	NEHRU ARTS AND SCIENCE COLLEGE	kawsalya.mca@ gmail.com	15 years	Data Mining And Warehousing
11	DR. A. NIRMALAASSOCIATE PROFESSOR	Dr. N.G.P. ARTS AND SCIENCE COLLEGE	9952506698nirmala@drngpasc.ac.in	18 years	Image Processing
12	DR.P.THANGARAJUASSOCIATE PROFESSOR	DEPT. OF COMPUTER APPLICATIONS, BISHOP HEBER COLLEGE, TIRUCHI RAPPALLI-17	9842528838trthagaraju@gmail.com	21 years	Mobile Networks, Big Data Analytics, Internet Of Things
13	DR.P.MANIKANDAPRABHU ASSISTANT PROFESSOR	PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE, SRI RAMAKRISHNA	9994533991pmanikandaprabhu@gmail.com	15 years	Digital Image Processing, Image Mining


 K. MYTHILI M.Sc., M.Phil., (Ph.D)
 Associate Professor & HOD
 Department of Computer Technology
 Hindusthan College of Arts and
 Science (Autonomous)
 Coimbatore - 641 028.

		COLLEGE OF ARTS AND SCIENCE, COIMBA TORE-6.			
14	DR K.J. PRAVEEN KUMAR ASSISTANT PROFESSOR	PG & RESEARCH DEPARTMENT OF COMPUTER SCIENCE GOBI ARTS AND SCIENCE COLLEGE, GOBICHETTIPALA YAM 638453	9443983646drkjpr aveenkumar@gasc gobi.ac.in	15 years	Advanced Networking
15	DR.A.ARULJOTHI ASSOCIATE PROFESSOR OF COMPUTER SCIENCE	DEPARTMENT OF COMPUTER SCIENCE, GOBI ARTS & SCIENCE COLLEGE, GOBICH ETTIPALAYAM 638453	9865646175tamil. aruljothi@gmail.c omtamil.aruljothi @gascgobi.ac.in	16 years	Network Security
16	MRS.C. BHUVANESHWARI ASSISTANT PROFESSOR	DEPARTMENT OF COMPUTER SCIENCE DR.G.R.DAMODAR AN COLLEGE OF SCIENCE, COIMBA TORE	9942739343bhuv aneshwari.c@grd.e du.in	15 years	Data Mining Artificial Intelligence
17	DR.P.PRABHUSUNDHAR ASSISTANT PROFESSOR	DEPT. OF COMPUTER SCIENCE, GOBI ARTS & SCIENCE COLLEGE, GOBICHETTIPALA YAM	9600877997drprab husundhar@gmail. com	11 years	Network Security
18	DR.M.SATHYAPRIYA ASSISTANT PROFESSOR	DEPT. OF COMPUTER SCIENCE, GOBI ARTS & SCIENCE	9965421124drmsat hyapriya@gascgob i.ac.in	15 years	Data Mining


 K. MYTHILI, M.Sc., M.Phil., (Ph.D.)
 Associate Professor & HOD
 Department of Computer Technology
 Hindusthan College of Arts and
 Science (Autonomous)
 Coimbatore - 641 028.

		COLLEGE,GOBICH ETTIPALAYAM			
19	N.PRABHUASSISTANT PROFESSOR	DEPT.OF COMPUTER SCIENCE, GOBI ARTS & SCIENCE COLLEGE, GOBICHETTIPALA YAM	9994421240, 8667525915,gascp rabhu@gmail.com	15 years	Image Processing
20	DR. T. K. SUMATHI ASSOCIATE PROFESSOR	DEPT. OF COMPUTER SCIENCE GOBI ARTS & SCIENCE COLLEGE GOBICH ETTIPALAYAM	9487476644 <u>tksumathi152@gm ail.com</u>	15 years	Image Processing


K. MYTHILI M.Sc., M.Phil., (Ph.D)
 Associate Professor & HOD
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 Hindusthan College of Arts and
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Minutes of Board of Studies Meeting

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 Technology through Online mode.

- ❖ Department of Computer Technology, Department Chairman Mrs.K.Mythili, welcomed and introduced the Internal members, University Nominee, Board of Studies Subject Experts, Industrial Experts and Alumnus and briefed the agenda.
- ❖ Mrs.K.Mythili, Chairman explained all the syllabus and revision carried out from 2019-2020,2020-2021, 2021-2022 to the members of the board.
- ❖ Chairman explained the following points to the board members about:
 - ✓ The changes made in syllabus and explained about distribution of marks (Internal, External) for both UG & PG Programme. The Chairman mentioned about Industry Integrated (Data Science) Courses in each semester.
 - ✓ New curriculum changes like Introduction of Mini Project work, Value Added Course (VAC), Job Oriented Course(JOC),Open Electives, Fast track System, Self Study Course and Student Development Record(SDR).
- ❖ Chairman explained about Program Specific Outcome (PSO), Program Educational Objectives (PEO), Program Outcome (PO) and Mapping.
- ❖ Dr.D.Maheswari , Subject Expert Suggested the following:
 - ✓ To modify the syllabus of B.Sc. CT .NET Programming (19CTU20) which includes ASP.NET in the Unit- V for the students admitted during the academic year 2019–2020 and onwards.


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- ✓ To include the programs with ASP.NET in Practical –VII – Programming using .NET (19CTU22) of B.Sc. CT for the students admitted during the academic year 2019 – 2020 Batch.

❖ Ms.S.Thilakavathi, Industrial Expert suggested the following points:

- ✓ To modify the syllabus of B.Sc. CT- Practical –X – Software Testing Tools (19CTU29) which includes the programs with both WinRunner and LoadRunner Tools for the students admitted during the academic year 2019 – 2020 Batch.
- ✓ For Fast Track System, additionally they can complete any of the Online Course offered by NPTEL/SWAYAM.

❖ Dr. Kumar R, Subject Expert Suggested the following points :

- ✓ To provide more importance for Network security as the scope is more for the students in Networking area.
- ✓ Software Engineering course to be added in the curriculum.


❖ Dr R.Vadivel, University Nominee advised:

- ✓ To introduce the new course Big Data Analytics in Fifth Semester, B.Sc. CT Programme for the students admitted during the academic year 2020-2021 and onwards.

❖ The Panel of examiners was approved by the Board of Studies members.

❖ Department Chairman & Head of Computer Technology Mrs.K.Mythili , delivered Vote of Thanks and concluded the BOS Meeting.




K. MYTHILI M.Sc., M.Phil., (Ph.D)
Associate Professor & HOD
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