

Kongunadu Arts and Science College (Autonomous)
Coimbatore 641029

Department of Information Technology

Minutes of the Board of Studies:

The Twelfth Board of Studies meeting of Information Technology was held on 19/03/2022 through MS-Teams. The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Preamble:

The Chairman Dr.S.Mythili gave an introduction on the changes and inclusions made in the syllabi for the students admitted in the academic year 2021-2022. She informed that it is necessary to follow the scheme of examination as per the regulations of UGC and TANSICHE. From the academic year based on the recommendation of our Curriculum Development Cell (CDC), it is decided to introduce Cyber Security for all Under Graduate Programmes. Further, the Extra Departmental Course offered by the Department is made 100% CIA.

The chairman appraised the board members that there has been a systematic revamp of syllabi for UG programme where in the draft syllabi were prepared by the faculty members of the department and the same was sent to external subject experts for their comments/suggestions. The suggestions sent by the experts were taken into consideration and the same is placed before this Board for necessary comments/approval. Adequate care has been taken to include case studies, open-source tools for execution of programs, in every course wherever possible. This shall contribute to upskilling and reskilling of the graduates.

Item 1.

- (i) To consider revision in the Curriculum, Scheme of Examination and Syllabi of B.Sc Information Technology and Certificate Course in Artificial Intelligence and Machine Learning for approval.**

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised the Scheme of Curriculum / Scheme of Examination / Syllabi and Panel of Examiners are to be followed is annexed herewith for the implementation from the commencement of the Academic year 2022 – 2023.

The members after careful scrutiny of the changes to be made unanimously accorded approval for the proposed changes/modifications and resolved to approve the implementation of the revised syllabi from the academic year 2022-2023 for the under graduate programme in B.Sc Information Technology and the Certificate Course in Artificial Intelligence and Machine Learning. They also resolved to authorize the Chairman of Board of Studies to place

B.Sc Information Technology

Sem.	Course code	Name of the Course	Changes made
III	22UIT304	Core Paper IV - Data Structures and Algorithms	To revise the syllabus for the Core Paper IV- Data Structures and Algorithms
III	22UIT3A3	Allied III – Digital Marketing	To introduce a new Allied Paper Digital Marketing instead of Allied III – Business Accounting
III	22UGC3S1	Skill Based Subject I – Cyber Security	To introduce a new Skill Based Subject I - Cyber Security instead of Skill Based Subject I – Android Application Development
IV	22UIT408	Core Paper VIII - Web Technology	To move the Core Paper X- Web Technology from V Semester to IV Semester.
IV	22UIT4CO	Core Practical IV – Programming Lab – Web Technology	To move the Core Practical V- Programming Lab - Web Technology from V Semester to IV Semester.
V	22UIT510	Core Paper X- .Net Programming	To move the Core Paper VIII - .Net Programming from IV Semester to V Semester.
V	22UIT5CP	Core Practical V- Programming Lab -.Net	To move the Core Practical IV – Programming Lab -.Net from IV Semester to V Semester.
V	22UIT5X1	EDC	To introduce a new EDC Advanced Excel instead of 21UIT5X1 – Designing Through Multimedia- GIMP

Certificate Course in Artificial Intelligence and Machine Learning

Sem.	Course code	Name of the Course	Changes made
I	22CAI101	Core Paper I - Python with Data Science	To revise the syllabus of Core Paper I - Python and R Programming and to change the title as Core Paper I - Python with Data Science
I	22CAI102	Core Paper II -Machine Learning	To revise the syllabus of Core Paper II -Machine Learning
I	22CAI103	Core Paper III – Artificial Intelligence & Knowledge Representation	To revise the syllabus of Core Paper III – Artificial Intelligence & Knowledge Representation

I	22CAI1CL	Core Practical I - Programming Lab– Python with Data Science	To revise the Practical List of the Core Practical I – Python and R Programming Lab and to change the title as Core Practical I – Programming Lab - Python with Data science
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Item 2: Ratification Item of the Scheme of Examinations (50 CIA and 50 ESE) implemented for the students admitted from the Academic Year 2021-2022.

The Board resolved to ratify the implementation of the Scheme of Examination in the 50% CIA and 50% ESE model as suggested and approved by the CDC of the institution for the students admitted in the Academic Year 2021- 2022.





Item 3. To suggest the panel of names for appointment of examiners.



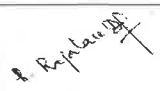
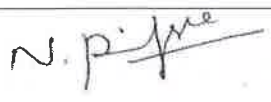
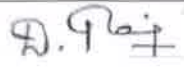


The members of the Board of studies in Information Technology resolved unanimously to authorise the chairperson Dr.S.Mythili to update the list of examiner panel for Question paper setting, Evaluation and Practical examinations.

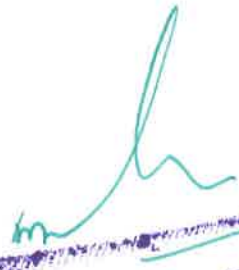
Item 3. Other academic activities in the department.

1. To encourage the students to execute their assignment programs using Visual Studio Code Editor and Eclipse- Integrated Development Environment (IDE).
2. To revise the edition of Text and Reference Books wherever necessary.
3. To add case studies in curriculum wherever applicable.

Signature of the Board Members

S.No.	Name	Designation	Signature
1.	Dr.S.Mythili Chairman	Associate Professor and Head, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29.	
2.	Dr.R.Rangaraj University Nominee	Professor & Head, PG & Research Department of Computer Science, Hindusthan college of Arts & Science, Coimbatore-641028.	
3.	Dr. A. Suresh Subject Expert	HoD Computer Science Sona College of Arts and Science, Salem - 636005	
4.	Dr.K.Ashokkumar Subject Expert	Associate Professor, Department of Computer Science and Engineering. Sathyabama Institute of Science and	

		Technology, Chennai-600119.	
5.	Mr.S. Sathish Kumar Industrial Expert	Associate Director, Ignitho Technologies (India) Pvt Ltd., Jyothirmaya, InfoPark Ph II, Kakkanad, Kochi 682 303.	
6.	Mr.S.Balasubramani Alumni	Assistant professor Sri Krishna Adithya College of arts and science, Kovaipudur, Coimbatore -641042	
7.	Ms.R.Rajalakshmi Member	Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29	
8.	Mrs.N.Paviyasre Member	Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29	
9.	Mrs.D.Princy Member	Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29	
10.	S.Karthikeyan Member	Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29	
11.	Mr.L.Pranesh Kumar Student Representative	III B.Sc Information Technology, Kongunadu Arts and Science College, Coimbatore -29	


PRINCIPAL
KONGUNADU ARTS & SCIENCE COLLEGE
COIMBATORE-641 029.


Signature of the Chairman of the Board

Dr. S. MYTHILI MCA., M.Phil., Ph.D.,
Associate Professor & Head
Department of Information Technology
Kongunadu Arts and Science College
Coimbatore - 641 029.

B.Sc Information Technology

Annexure

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)
(2022 – 2023)

Sl. No.	Semester	Course Code	Name of the Course	Existing/ Revised	% of modification	Employability/ Entrepreneurship/ Skill Development
1.	I	22UIT101	Core Paper I – C Programming	Existing	-	Skill Development
2.	I	22UIT1CL	Core Practical I – Programming Lab - C	Existing	-	Skill Development
3.	II	22UIT202	Core Paper II - Computer Organization and Architecture	Existing	-	Employability
4.	II	22UIT203	Core Paper III - Object Oriented Programming with C++	Existing	-	Skill Development
5.	II	22UIT2CM	Core Practical II - Programming Lab -C++	Existing	-	Skill Development
6.	III	22UIT304	Core Paper IV – Data Structures and Algorithms	Revised	100	Employability
7.	III	22UIT305	Core Paper V – Relational Database Management System and ORACLE	Existing	-	Employability
8.	III	22UIT306	Core Paper VI – Advanced JAVA Programming	Existing	-	Entrepreneurship
9.	III	22UIT3CN	Core Practical III - Programming Lab – Advanced JAVA & ORACLE	Existing	-	Entrepreneurship
10.	III	22UIT3A3	Allied III – Digital Marketing	Revised	100	Entrepreneurship
11.	III	22UGC3S1	Skill Based Subject 1 – Cyber Security	Revised	100	Skill Development
12.	IV	22UIT407	Core Paper VII – Operating Systems	Existing	-	Employability
13.	IV	22UIT408	Core Paper VIII- Web Technology	Existing	-	Skill Development
14.	IV	22UIT409	Core Paper IX –Computer Networks	Existing	-	Employability
15.	IV	22UIT4CO	Core Practical IV – Programming Lab- Web Technology	Existing	-	Skill Development
16.	IV	22UIT4A4	Allied IV – Microprocessors, PC Hardware and Interfacing	Existing	-	Entrepreneurship

17.	IV	22UIT4S2	Skill Based Subject 2 (Practical) Android Application Development Lab	Existing	-	Entrepreneurship
18.	V	22UIT510	Core Paper X --.NET Programming	Existing	-	Entrepreneurship
19.	V	22UIT511	Core Paper XI – Software Engineering	Existing	-	Employability
20.	V	22UIT512	Core Paper XII – Big Data Analytics	Existing	-	Entrepreneurship
21.	V	22UIT5CP	Core Practical V - Programming Lab --.Net	Existing	-	Entrepreneurship
22.	V	22UIT5X1	EDC	Revised	100	Employability
23.	VI	22UIT613	Core Paper XIII – IOT using Python	Existing	-	Entrepreneurship
24.	VI	22UIT614	Core Paper XIV - Information Security	Existing	-	Employability
25.	VI	22UIT6CQ	Core Practical VI – Programming Lab IOT using Python	Existing	-	Entrepreneurship
26.	VI	22UIT6Z1	Project***	Existing	-	Entrepreneurship
27.	VI	22UIT6S3	Skill Based Subject 3 (Practical) Software Testing Lab	Existing	-	Skill Development
28.	V/VI	22UIT5E1/6E2	Major Elective I / II - Mobile Computing	Existing	-	Employability
29.	V/VI	22UIT5E1/6E2	Major Elective I / II - Cloud Computing	Existing	-	Employability
30.	V/VI	22UIT5E1/6E2	Major Elective I / II - Data Mining	Existing	-	Employability
31.	V/VI	22UIT5E1/6E2	Major Elective I / II - Artificial Intelligence	Existing	-	Employability
32.	V/VI	22UIT5E1/6E2	Major Elective I / II - Software Project Management	Existing	-	Employability
33.	V/VI	22UIT5E1/6E2	Major Elective I / II - Digital Image Processing	Existing	-	Employability

% of change: Change of entire course (5 units): 100% Change of one unit: 20% Small Change : 10% Minor Change : 5%

Signature of the Chairman of the Board
Dr. S. MYTHIL MCA, M.Phil., Ph.D.,
 Associate Professor & Head
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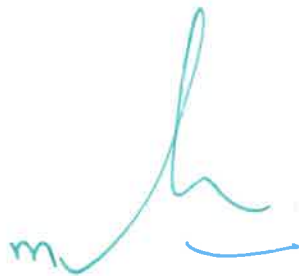
Certificate Course in Artificial Intelligence and Machine Learning

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Sl. No.	Semester	Course Code	Name of the Course	Existing/ Revised	% of modification	Employability/ Entrepreneurship/ Skill Development
1.	I	22CAI101	Core Paper I - Python with Data Science	Revised	60	Employability
2.	I	22CAI102	Core Paper II -MachineLearning	Revised	40	Employability
3.	I	22CAI103	Core Paper III –Artificial Intelligence & Knowledge Representation	Revised	100	Employability
4.	I	22CAI1CL	Core Practical I – Programming Lab - Python with Data Science	Revised	80	Employability

% of change: Change of entire course (5 units): 100% Change of one unit: 20% Small Change: 10% Minor Change: 5%



Signature of the Chairman of the Board
Dr. S. MYTHIL, MCA, M.Phil., Ph.D.,
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