KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 29

DEPARTMENT OF COMPUTER SCIENCE

26.05.2023

The Board of Studies Meeting in Computer Science (UG & PG) – Unaided is schedule on 26.05.2023 (ONLINE MODE) at 11.00 am for Department of Computer Science (SF). I kindly request you to participate and share your valuable suggestions.

LINK:https://teams.microsoft.com/l/meetup-join/19%3ameeting_YzYwYzgwMDgtZWI0MC00M2Y1LWJlMjQtZmY3ZDlmZDI2NGE0%40thread.v2/0?context=%7b%22Tid%22%3a%22b5206cc9-39eb-483e-b329-36090fbb5824%22%2c%22Oid%22%3a%2287057ea0-bd8c-4df6-9acf-8ca2364c198c%22%7d

AGENDA

1. To adopt the revised template of scheme of syllabi and curriculum as indicated in the model Template provided by Bharathiar university for the students to be admitted from the academic year 2021-2022 and onwards for both UG & PG Degree programmes.
2. To suggest the panel of experts for question paper setting and panel of examiners.
3. Other academic activities in the Department.
4. Any other.

26/5/23
PRINCIPAL
Kongunadu Arts & Science College
COIMBATORE

KONGUNADU ARTS & SCIENCE COLLEGE (GBS) CBE-29

CHAIRPERSON

Kongunadu Arts and Science College (Autonomous)
Coimbatore - 641029

Department of Computer Science (UG & PG) -Unaided

Minutes of the Board of Studies:

The Board of Studies meeting was held on 26.05.2023(Online) for both B.Sc Computer Science (SF) and M.Sc. Computer Science (SF). The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Item 1. To adopt the pattern of Examination with External 75 marks and Internal 25 marks in lieu of the 50: 50 for the students admitted from the Academic year 2023-24 and onwards

Item 2. As per the instructions from the Higher Education Department, Tamil Nadu, The Language courses (Tamil and English) are included in the UG Programmes

Item 3. A revised template of Scheme of Syllabi and Curriculum with the necessary inclusions as indicated in the Model Template provided by the Bharathiar University is adopted from the Academic Year 2021-22 and onwards.

Item 4. The Scheme and Curriculum that was approved by the BoS meeting held on 28.4.2023 has been revised and it is decided to adopt the new Scheme of Curriculum and the Syllabus which was approved for the academic year 2022-23 and onwards for the Academic Year 2023-24.

Item 5. To suggest the panel of experts for question paper setting and panel of examiners.

Item 6. Other academic activities in the Department.
As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised Scheme of Curriculum / Scheme of Examination / Syllabi, panel of experts for question paper setting and panel of examiners are enclosed herewith as annexure for the implementation from the commencement of the Academic year 2023 – 2024.

The members unanimously approved the proposed changes/modifications after careful scrutiny through online mode. They also resolved to authorize the Chairman of Board of Studies to place the changes/modifications now approved by the BOS before the Standing Committee on Academic affairs and Academic Council.

The Curriculum, Scheme of Examination and Syllabi for **B.Sc (Computer Science) UG programmes** with changes/modifications for the students to be admitted from **the academic year 2023-2024** and onwards are as follows:

(2023 – 2024)

Semester	Course Code	Name of the Course	Changes made
II	23USC202	Core Paper 2 -Object Oriented Programming with C++	This paper has been replaced by Data Structures using C++.
II	23USC2CM	Core Practical 2 - Object Oriented Programming with C++ - Lab	This paper has been replaced by Data Structures using C++ Lab.
V	23USC506	Core Paper 6 - PHP Programming	This paper has been replaced by the Core Paper –Operating systems.
V	23USC507	Core Paper 7 - Data Communication and Networking	This paper has been replaced by Database Management System.
V	23USC5CP	Core Practical 5 - PHP Programming Lab	This paper has been replaced by Database Management System Lab.
VI	23USC608	Core Paper 8 - Data Analytics	This paper has been replaced by the Core Paper Computer Networks.

(2022 – 2023)

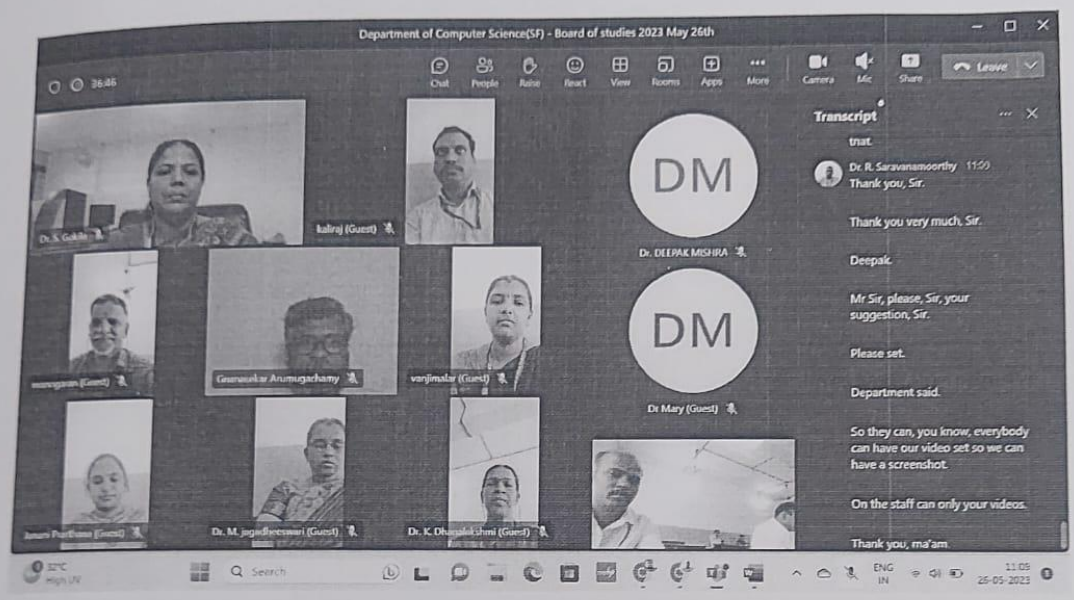
Semester	Course Code	Name of the Course	Changes made
III	22UCS303	Core Paper 3 - Operating Systems	This paper has been removed from the syllabi and Core Paper 4 Java Programming has been shifted to Core Paper 3.
IV	22UCS405	Core Paper 5- Database Management System	This paper has been removed from the syllabi and Core Paper 6- .Net Framework has been shifted to 22UCS404.
V	22UCS507	Core Paper 7 - Software Engineering and Testing	This paper has been changed to Course code 22UCS505 Core Paper 5 - Software Engineering and Testing.
V	22UCS508	Core Paper 8 - PHP Programming	This paper has been changed to Course code 22UCS506 - Core Paper 6 - PHP Programming.
V	22UCS509	Core Paper 9 – Data Communication and Networking	This paper has been changed to 22UCS507 Core Paper 7 – Data Communication and Networking.
VI	22UCS610	Core Paper 10 – Data Analytics	This paper has been changed to 22UCS608 Core Paper 8 – Data Analytics.
VI	22UCS611	Core Paper 11-Python Programming and IoT	This paper has been changed to 22UCS609 Core Paper 9 - Python Programming and IoT.
VI	22UCS612	Core Paper 12 – Artificial Intelligence and Machine Learning	This paper has been changed to Core Paper 610 - Artificial Intelligence and Machine Learning.

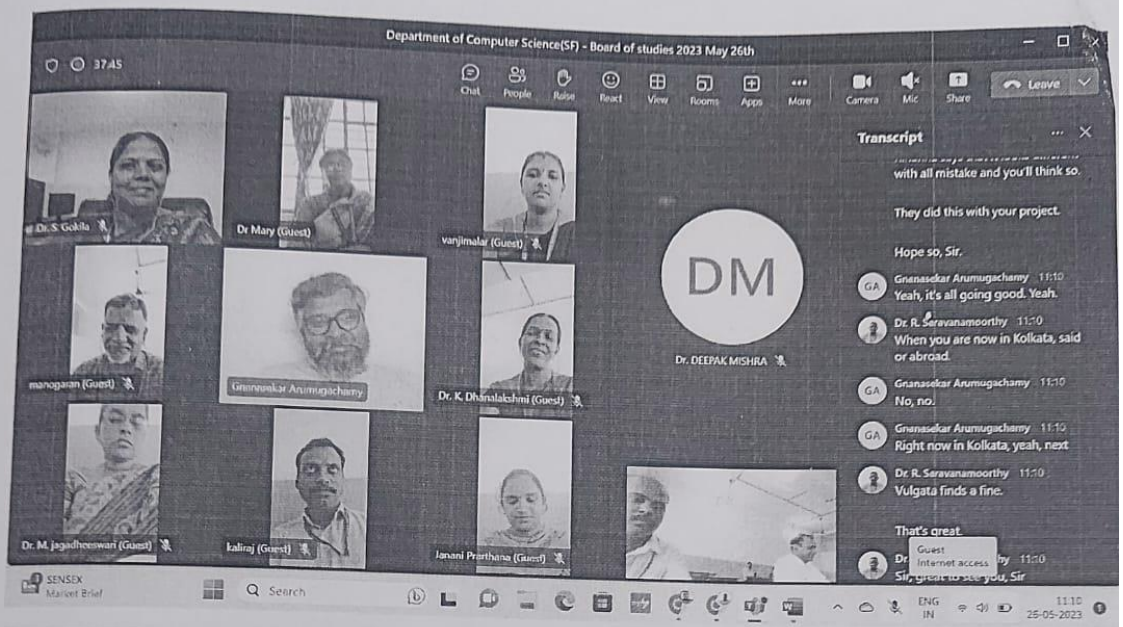
The Curriculum, Scheme of Examination and Syllabi for **M.Sc (Computer Science) PG programmes** with changes/modifications for the students to be admitted from **the academic year 2023-2024** and onwards are as follows:

(2023 – 2024)

Semester	Course Code	Name of the Course	Changes made
III	23PCS3CQ	Core Practical 6- Unix Programming Lab	The Core Practical Unix Programming Lab has been removed and replaced by Big Data Analytics Lab.

Department of Computer Science (SF), Board of Studies meeting through Online (MS Team) held on 26.05.2023 @ 11.00 AM.




Department of Computer Science(SF) - Board of studies 2023 May 26th
37:45
Chat
People
Raise
React
View
Rooms
Apps
More
Camera
Mic
Share
Leave
Transcript
with all mistake and you'll think so.
They did this with your project.
Hope so, Sir.
Gnanasekar Arumugachamy 11:10
Yeah, it's all going good. Yeah.
Dr. R. Saravanamoorthy 11:10
When you are now in Kolkata, said or abroad.
Gnanasekar Arumugachamy 11:10
No, no.
Gnanasekar Arumugachamy 11:10
Right now in Kolkata, yeah, next
Dr. R. Saravanamoorthy 11:10
Vulgata finds a fine.
That's great.
Dr. S. Gokila
Dr Mary (Guest)
vanjimalar (Guest)
manogaran (Guest)
Gnanasekar Arumugachamy
Dr. K. Dhanalakshmi (Guest)
Dr. M. Jagadheeswari (Guest)
kaliraj (Guest)
Janani Prarthana (Guest)
DM
Dr. DEEPAK MISHRA
Guest
Internet access
SENSEX
Market Brief
Search
ENG
IN
11:10
25-05-2023

Department of Computer Science(SF) - Board of studies 2023 May 26th
39:17
Chat
People
Raise
React
View
Rooms
Apps
More
Camera
Mic
Share
Leave
Transcript
They told that we can keep our own syllabus.
Dr Mary (Guest) 11:12
Yes.
Dr. R. Saravanamoorthy 11:12
Only thing is they they ask us to keep English, and the less you know that our last freeways were suffered a lot as stancy came.
Dr Mary (Guest) 11:12
Yes, Sir.
Dr. R. Saravanamoorthy 11:12
And I think we revised everything, ma'am, as I showed that the same thing was going to fall.
Dr Mary (Guest) 11:12
So yeah, So what we are going to do is we're going to change the valuation to 2575
Dr. R. Saravanamoorthy 11:12
Yes
Dr Mary (Guest)
GA
Gnanaseka...
DJ
Dr. M. Jaga...
DG
Dr. S. Gokila
DM
Dr. DEEPAK...
M
manogaran...
11
Participants
32°C
Mostly sunny
Search
ENG
IN
11:12
25-05-2023

Signature of the Board Member

S.No.	Name	Designation	Signature
1.	Dr .R. Saravana Moorthy	Chair Person	
2.	Dr. Mary Magdalane Jane	University Representative	
3.	Dr. Deepak Misra	Subject Experts	
4.	Dr. S. Gokila	Subject Experts	
5.	Mr. A. Gnanasekar	Industrial Experts	
6.	Mr. B. Manogaran	Member	
7.	Dr. K. Dhanalakshmi	Member	
8.	Mr. P. Kaliraj	Member	
9.	Dr. M. Jagadheeswari	Member	
10.	Mrs. S. Vanjimalar	Member	
11.	Dr. S. Velmurugan	Member	
12.	Ms. S. Sobana	Alumini Expert	
13.	Ms. Janani Prathana	Student Representative	

26/05/23

PRINCIPAL
Kongunadu Arts & Science College
COIMBATORE.

26/5/2023

Signature of the Chairman of the Board

(Dr. R. SARAVANA MOORTHY)

Dr. R. Saravana Moorthy
M.Sc (SE), MCA, M.Phil, MBA (IT), OCP, Ph.D (CSE),
Associate Professor & Head,
Department of Computer Science,
Kongunadu Arts and Science College,
Coimbatore - 641 029.

B.Sc COMPUTER SCIENCE

Annexure

B. Sc (2021-2022)

S.No.	Semester	Course Code	Name of the Course	Existing / Revised	% of modification	Employability / Entrepreneurship/ Skill development
1.	VI	21UCS601	Project Based Learning: Advanced Platform Technology / Data Analytics & Visualization	Revised	100	Employability / Skill development

B. Sc (2022 – 2023)

S.No.	Semester	Course Code	Name of the Course	Existing / Revised	%of modification	Employability / Entrepreneurship/ Skill development
3	III	22UCS303	Core Paper 3 - Java Programming	Existing	-	Employability / Skill development
4	III	22UCS3CN	Core Practical 3 – Java Programming Lab	Existing	-	Employability / Skill development
5	III	22UCS3A3	Allied Paper 3 – Business Accounting	Existing	-	Employability / Skill development
6	III	22UGC3S1	Skill Based subject 1- Cyber Security	Existing	-	Employability / Skill development
7	III	22TBT301/ 22TAT301/ 22UHR3N1	Basic Tamil* / Advanced Tamil**/ Non-major elective- I**	Existing	-	Skill development
10	IV	22UCS404	Core Paper 4 - .Net Framework	Existing	-	Employability / Skill development
11	IV	22UCS4CO	Core Practical 4 -.Net Lab	Existing	-	Employability / Skill development
12	IV	22UCS4A4	Allied Paper 4 – Digital Principles and Computer System Architecture	Existing	-	Skill development
13	IV	22UCS4SL	Skill Based subject 2- Mobile Application Development Lab	Existing	-	Employability / Skill development

14	IV	22UCS401	Office Fundamentals :Digital Skills for Employability	Existing	-	Employability / Skill development
15	IV	22TBT402/ 22TAT402/ 22UWR4N2	Basic Tamil* / Advanced Tamil**/ Non-major elective- II**	Existing	-	Skill development
16	V	22UCS505	Core Paper 5 – Software Engineering and Testing	Existing	-	Employability / Skill development
17	V	22UCS506	Core Paper 6 - PHP Programming	Existing	-	Employability / Entrepreneurship/ Skill development
18	V	22UCS507	Core Paper 7 – Data Communication and Networking	Existing	-	Employability / Skill development
19	V	22UCS5CP	Core Practical 5 – PHP Programming Lab	Existing	-	Employability / Entrepreneurship/ Skill development
20	V	22UCS5E1	Major Elective 1 -	Existing	-	Employability / Skill development
21			EDC	Existing	-	Employability / Skill development
22	V	22UCS5IT	Internship Training ****	Existing	-	Employability / Entrepreneurship/ Skill development
23	VI	22UCS608	Core Paper 8 - Data Analytics	Existing	-	Employability / Skill development
24	VI	22UCS609	Core Paper 9 – Python Programming and IoT	Existing	-	Employability / Skill development
25	VI	22UCS610	Core Paper 10 – Artificial Intelligence and Machine Learning	Existing	-	Employability / Skill development
26	VI	22UCS6CQ	Core Practical 6 – Python Programming and IoT – Lab	Existing	-	Employability / Skill development
27	VI	22UCS6E2	Major Elective 2 -	Existing	-	Employability / Skill development
28	VI	22UCS6Z1	Project***	Existing	-	Employability / Entrepreneurship/ Skill development
29	VI	22UCS6SM	Skill Based subject 3- Software Testing Lab	Existing	-	Employability / Skill development
30	VI	22UCS602	Project Based Learning: Advanced Platform Technology / Data Analytics & Visualization	Existing	-	Employability / Skill development

B.Sc (2023-2024)

S.No.	Semester	Course Code	Name of the Course	Existing / Revised	% of modification	Employability / Entrepreneurship/ Skill development
1.	I	23USC101	Core Paper 1 - C Programming	Existing	-	Employability / Entrepreneurship/ Skill development
2.	I	23USC1CL	Core Practical 1 - C Programming Lab	Existing	-	Employability / Skill development
3.	I	23USC1A1	Allied Paper I -Discrete Mathematics and Statistics	Existing	-	Employability / Skill development
4.	I	23EVS101	Environmental Studies **	Existing	-	Employability / Skill development
5.	II	23USC202	Core Paper 2 - Data Structure using C++	Revised	100	Employability / Skill development
6.	II	23USC2CM	Core Practical 2 - Data Structure using C++ Lab	Revised	100	Employability / Skill development
7.	II	23USC2A2	Allied Paper 2 - Operations Research	Existing	-	Employability / Skill development
8.	II	23VED201	**Value Education**–Moral and Ethics**	Existing	-	Employability / Skill development
9.	III	23USC303	Core Paper 3 - Java Programming	Existing	-	Employability / Skill development
10.	III	23USC3CN	Core Practical 3 - Java Programming Lab	Existing	-	Employability / Skill development
11.	III	23USC3A3	Allied Paper 3 – Business Accounting	Existing	-	Employability / Skill development
12.	III	23UGC3S1	Skill Based Subject 1 - Cyber Security	Existing	-	Employability / Skill development
13.	III	23TBT301/ 23TAT301/ 23UHR3N1	Basic Tamil*/Advanced Tamil**/Non-Major Elective – 1**	Existing	-	Employability / Skill development
14.	IV	23USC404	Core Paper 4 - .Net Framework	Existing	-	Employability / Skill development
15.	IV	23USC4CO	Core Practical 4 - .Net Lab	Existing	-	Employability / Skill development
16.	IV	23USC4A4	Allied Paper 4 - Digital Principles and Computer System Architecture	Existing	-	Employability / Skill development
17.	IV	23USC4SL	Skill Based Subject 2- Mobile Application Development Lab	Existing	-	Employability / Skill development
18.	IV	23USC402 ###	Office Fundamentals :Digital Skills for Employability	Existing	-	Employability / Skill development
19.	IV	23TBT402/ 23TAT402/	Basic Tamil* / Advanced Tamil**/	Existing	-	Employability / Skill development

		23USG4N2	Non-major elective- II**			
20.	V	23USC505	Core Paper 5 - Database Management System	Existing	-	Employability / Skill development
21.	V	23USC5CP	Core Practical 5 - Database Management System Lab	Existing	-	Employability / Skill development
22.	V	23USC506	Core Paper 6 - Operating System	Existing	-	Employability / Skill development
23.	V	23USC507	Core Paper 7 – Software Engineering and Testing	Existing	30	Employability / Skill development
24.	V	23USC5E1	Major Elective 1 -	Existing	-	Employability / Skill development
25.	V	-	EDC	Existing	-	Employability / Skill development
26.	V	23USC5IT	Internship Training ****	Existing	-	Employability / Entrepreneurship/ Skill development
27.	VI	23USC608	Core Paper 8 - Computer Networks	Existing (Core paper Name only revised)	-	Employability / Skill development
28.	VI	23USC609	Core Paper 9 - Internet of Things	Existing	-	Employability / Skill development
29.	VI	23USC6CQ	Core Practical 6 - Internet of Things Lab	Existing	-	Employability / Skill development
30.	VI	23USC610	Core Paper 10 - Artificial Intelligence and Machine Learning	Revised	50	Employability / Skill development
31.	VI	23USC6E2	Major Elective 2 -	Existing	-	Employability / Skill development
32.	VI	23USC6Z1	Project***	Existing	-	Employability / Entrepreneurship/ Skill development
33.	VI	23USC6SM	Skill Based subject 3- Software Testing Lab	Existing	-	Employability / Skill development
34.	VI	23USC603 ###	Project Based Learning: Advanced Platform Technology / Data Analytics & Visualization	Existing	-	Employability / Skill development

Annexure - M.Sc Computer Science (SF)

(2023-2024)

S.No.	Semester	Course Code	Name of the Course	Existing / Revised	% of modification	Employability / Entrepreneurship/ Skill development
1.	I	23PCS101	Core Paper 1 - Data Structures using Python	Existing	-	Employability / Skill development
2.	I	23PCS102	Core Paper 2 - Advanced Relational Database Management Systems	Existing	-	Employability / Skill development
3.	I	23PCS1CL	Core Practical 1- Data Structures using Python Lab	Existing	-	Employability / Entrepreneurship/ Skill development
4.	I	23PCS1CM	Core Practical 2- Advanced RDBMS Lab	Existing	-	Employability / Skill development
5.	I	23PCS1E1	Major Elective 1	Existing	-	Employability / Skill development
6.	II	23PCS203	Core Paper 3- Advanced Java Programming	Existing	-	Employability / Skill development
7.	II	23PCS204	Core Paper 4- Data Mining and Warehousing	Existing	-	Employability / Skill development
8.	II	23PCS205	Core Paper 5- .Net Framework	Existing	-	Employability / Skill development
9.	II	23PCS2CN	Core Practical 3 - Advanced Java Lab	Existing	-	Employability / Skill development
10.	II	23PCS2CO	Core Practical 4 – .Net Framework Lab	Existing	-	Employability / Skill development
11.	II	23PCS2E2	Major Elective 2	Existing	-	Employability / Skill development
12.	III	23PCS306	Core Paper 6 – Web Technologies	Existing	-	Employability / Skill development
13.	III	23PCS307	Core Paper 7- Big Data Analytics	Existing	-	Employability / Skill development
14.	III	23PCS3CP	Core Practical 5- Web Technologies Lab	Existing	-	Employability / Entrepreneurship/ Skill development
15.	III	23PCS3CQ	Core Practical 6- Big Data Analytics Lab	Revised	100	Employability / Skill development
16.	III	23PCS3N1	Non Major Elective 1	Existing	-	Employability / Skill development
17.	III		EDC Paper	Existing	-	Employability / Skill development
18.	IV	23PCS408	Core Paper 8- Internet of Things	Existing	-	Employability / Skill development

19.	IV	23PCS409	Core Paper 9 - Advanced Computing	Existing	-	Employability / Skill development
20.	IV	23PCS4CR	Core Practical 7- Internet of Things Lab	Existing	-	Employability / Skill development
21.	IV	23PGI4N2	Non Major Elective 2	Existing	-	Employability / Skill development
22.	IV	23PSC4Z1	Project and Viva voce	Existing	-	Employability / Entrepreneurship/ Skill development

26/5/23

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Coimbatore - 641029

Department of Computer Science (UG & PG) -Unaided

Minutes of the Board of Studies:

The Board of Studies meeting was held on 28.04.2023 for both B.Sc Computer Science (SF) and M.Sc. Computer Science (SF). The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Item 1. To adopt the TANSCHE prepared Curriculum, Scheme of Examination and Syllabi of both UG & PG programmes with changes/modifications as per the freedom given by TANSCHE for the students to be admitted from the academic year 2023-2024 and onwards.

Item 2. To include the Naan Mudhalvan Skill courses in the syllabi of all UG degree programmes for the students admitted during the Academic years 2021-2022 (VI semester), 2022-2023 (IV and VI semester) & 2023-2024 (II, IV and VI semester).

Item 3. To consider the revision in the Curriculum, Scheme of Examination and Syllabi of Certificate/Diploma/PG Diploma Programmes.

Item 4. To ratify the credits previously assigned as mandatory for the SWAYAM/MOOCs courses for both UG and PG students who have admitted during the academic year 2021-2022, and to consider the same as extra credits for those students passed earlier. To approve the same for both UG and PG students admitted during the academic year 2022-2023.

The two credits that has been assigned for SWAYAM/MOOCs courses for the students who have admitted during the academic year 2021- 2022 and 2022-2023 will be distributed to the two Core Papers equally with 6th Semester to UG students and with 4th Semester to PG Students.

Due to the separation of the Board of Studies for Department of Computer Science (Unaided) from 2022-2023, the format of the Course Code of Core Paper / Core Practical / Electives / Allied / Skill Based Subject / Project changed from **UCS*** to **USC*** for UG students who have admitted during the academic year 2021-2022(III, IV, V and VI Semester) and 2023-2024 (I, II, III, IV, V AND VI Semester).

Item 5. To suggest the panel of experts for question paper setting and panel of examiners.

Item 6. Other academic activities in the Department.

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised Scheme of Curriculum / Scheme of Examination / Syllabi, panel of experts for question paper setting and panel of examiners are enclosed herewith as annexure for the implementation from the commencement of the Academic year 2023 – 2024.

The members unanimously approved the proposed changes/modifications after careful scrutiny. They also resolved to authorize the Chairman of Board of Studies to place the changes/modifications now approved by the BOS before the Standing Committee on Academic affairs and Academic Council.

The TANSCHE prepared Curriculum, Scheme of Examination and Syllabi for **B.Sc(Computer Science) UG programmes** with changes/modifications as per the freedom given by TANSCHE for the students to be admitted from **the academic year 2023-2024** and onwards are as follows:

Semester	Part	Subject Code	Title of the Paper
I	I	23TML101	Language I
	II	23ENG101	English –I
	III	23USC101	Core Paper 1 - Python Programming
	III	23USC1CL	Core Practical 1 – Python Programming Lab
	III	23USC1A1	Allied Paper 1 - Numerical Methods
	IV	23USC1S1/ 23TBT101/ 23TAT101	SEC 1 – Basic Tamil* / Advanced Tamil**/NME 1**
	IV	23UEN101	AECC 1 – Soft Skill – 1 – Professional English I
	IV	23USC1F1	FC - Fundamentals of Computer Science
II	I	23TML202	Language II
	II	23ENG202	English –II
	III	23USC202	Core Paper 2 - Object Oriented Programming with C++
	III	23CS2CM	Core Practical 2 - Object Oriented Programming with C++ Lab
	III	23USC2A2	Allied Paper 2 - Discrete Mathematical Structures
	IV	23USG2S2/ 23TBT202/ 23TAT202	SEC 2 – Basic Tamil* / Advanced Tamil/NME 2
	IV	23USC2S3	SEC 3 – Naan Mudhalvan &
	IV	23UEN202	AECC 2 – Soft Skill – 2 – Professional English II
III	I	23TML303	Language III@
	II	23ENG303	English –III
	III	23USC303	Core Paper 3 - .Net Framework
	III	23USC3CN	Core Practical 3 – .Net Framework Lab
	III	23USC3A3	Allied Paper 3 – Graph Theory and its Applications
	IV	23UGC3S4	SEC 4 - Cyber Security
	IV	23USC3SL	SEC 5 – PHP Programming Lab
	IV	23UEN303	AECC 3 – Soft Skill – 3 – Language Lab
	IV	23EVS401	Environmental Studies

IV	I	23TML404	Language IV
	II	23ENG404	English –IV
	III	23USC404	Core Paper 4 - Data Structure and Algorithms using C++
	III	23USC4CO	Core Practical 4 - Data Structure and Algorithms using C++ Lab
	III	23USC4A4	Allied Paper 4 – Business Accounting
	IV	23USC4S6	SEC 6 – Naan Mudhalvan &
	IV		SEC 7 – EDC
	IV	23UEN404	AECC 4 – Soft Skill – 4 – Functional English
	IV	23EVS401	Environmental Studies
V	III	23USC505	Core Paper 5 - Advanced Database Management System
	III	23USC5CP	Core Practical 5 - Advanced Database Management System Lab
	III	23USC506	Core Paper 6 - Operating System
	III	23USC5E1	Major Elective 1
	III	23USC5E2	Major Elective 2
	III	23USC5Z1	Project
	IV	23VED502	VALUE EDUCATION
	IV	**23USC5IT**	**Internship Training**
VI	III	23USC607	Core Paper 7 - Computer Networks
	III	23USC608	Core Paper 8 - Internet of Things
	III	23USC6CQ	Core Practical 6 - Internet of Things Lab
	III	23USC6E3	Major Elective 3
	III	23USC6E4	Major Elective 4 Naan Mudhalvan &
	IV	**23USC6S8**	**SEC 8** – Core Professional Competency Skills (Online)
	V	**23NCC$ /NSS/YRC /PYE/ECC/ RRC/WEC/ DCS101#**	**Extension Activities**

Sem.	Course code	Name of the Course	Changes made
III	22TML3A3	Language III@	New paper introduced as per GOs TANSCHE (6 Hours / cycle & 3 credits allotted)
III	22UCS303	Core Paper 3 – Data Structures	This paper has been removed from the syllabi.
III	22UCS304	Core Paper 4 - Operating Systems	This paper is shifted from Core paper 4 into Core Paper 3 and Course code has been changed to **21UCS303.**
III	22UCS305	Core Paper 5 – Java Programming	This paper is shifted from Core paper 5 into Core Paper 4 and Course code has been changed to **21UCS304.**
III	22UCS3CN	Core Practical 3 - Java Programming Lab	Number of hours has been reduced from 6 to 5 Hours / Cycle & 3 credits allotted

IV	22TML4A4	Language IV	New paper introduced as per GOs TANSCHE (6 Hours / cycle& 3 credits allotted)
IV	22UCS407	Core Paper 7 - Software Engineering and Testing	This paper is shifted from **Semester IV** into **Semester V** and Course code has been changed to **22UCS507** (6 hours / cycle and 4 credits allotted)
IV	22UCS406	Core Paper 6- Database Management System	This paper is shifted from Core paper 6 to **Core Paper 5** and Course code has been changed to **22UCS405**
IV	22UCS408	Core Paper 8 –Visual Basic and Oracle	This paper is replaced by **Core Paper 6 .NET Framework** and Course code has been changed to **22UCS406** and 5 credits is allotted.
IV	22UCS4CO	Core Practical 4 –Visual Basic and Oracle Lab	This paper is replaced by **Core Practical 4- .Net Lab** (5 hours / cycle and 2 credits allotted)
V	22UCS509	Core Paper 9–Artificial Intelligence	This paper is shifted from **Semester V** to **Semester VI** and is combined with (Course Code **22UCS614**) Core Paper 14 -Machine Learning to introduce a new (Course Code **22UCS612**) **Core Paper 12- Artificial Intelligence and Machine Learning** (5 hours / cycle and 5 credits allotted)
V	22UCS510	Core Paper 10 - Python Programming and IoT	The paper is shifted to **Semester VI** as **Core Paper- 11** with new Course Code **22UCS611.**
V	22UCS5CP	Core Practical 5 – Python Programming and IoT – Lab	The paper is shifted to **Semester VI** as Core Practical 6 with new Course Code **22UCS6CQ** (5 hours / cycle)
V	22UCS511	Core Paper 11- Data Communication and Networking	The core paper is moved to **Core Paper 9** with new Course Code **21UCS509.**
VI	22UCS612	Core Paper 12 - Data Analytics	The Course Code of the **Core paper 12** has been changed to **22UCS610**
VI	22UCS613	Core Paper 13 - PHP Programming	The **Core Paper 13** has been exchanged with **Semester V (Course code – 22UCS510) Core Paper 10 – Python Programming and IoT** with new **Course Code 22UCS611** (5 hours / cycle and 5 credits allotted)
VI	22UCS6CQ	Core Practical 6- PHP Programming Lab	The paper is moved to **Semester V** as **Core Practical 5 – Python Programming and IoT** – Lab with new Course Code **22UCS5CP.**

The TANSCHE prepared Curriculum, Scheme of Examination and Syllabi for **M.Sc (Computer Science) PG programmes** with changes/modifications as per the freedom given by TANSCHE for the students to be admitted from **the academic year 2023-2024** and onwards are as follows:

Semester	Subject Code	Title of the Paper
I	23PCS101	Core Paper 1 - Data Structures using Python
	23 PCS102	Core Paper 2 - Advanced Database Management Systems
	23 PCS1CL	Core Practical 1-Data Structures using Python Lab
	23PCS1E1	Major Elective 1
	23PCS1E2	Major Elective 2
	23PCS1K1	AEC- Soft Skill – Open Source Technology (Lab)
	23PCS1S1	SEC 1 – Advanced Spreadsheet Tools (Lab)
II	23 PCS203	Core Paper 3 - Advanced Web Technology
	23 PCS204	Core Paper 4 - Advanced Java Programming
	23PCS2CM	Core Practical 2- Advanced Web Technology- Lab
	23PCS2E3	Major Elective 3
	23PCS2E4	Major Elective 4
	23PCS2K2	AEC- Soft Skill – Fundamentals of Data Science (Lab)
	23PCS2S2	SEC 2 – Graphics Design and Animation (Lab)
III	23 PCS305	Core Paper 5 – Machine Learning
	23 PCS306	Core Paper 6- Distributed Operating System
	23PCS3CN	Core Practical 3- Machine Learning Lab
	23PCS3N1	Non-Major Elective 1
	23PCS3X1	EDC
	23PCS3K3	AEC- Soft Skill – 3 Stress Management
	23PCS3S3	SEC 3 –Cloud Computing (Lab)
	23PCS3IT	Internship Training&&
IV	23 PCS407	Core Paper 7- Internet of Things
	23 PCS408	Core Paper 8- Cryptography and Network Security
	23PCS4CO	Core Practical 4- Internet of Things Lab
	23PGI4N2	Non-Major Elective 2
	23PCS4Z1	Project and Viva voce
	23P CS4K4	AEC- Soft Skill – 4 -Time Management
	23PCS4S4	SEC 4 – Core Professional AEC Competency Skill (Online)
	23PCS4CS	Extension Activity

Signature of the Board Members:

S.No.	Name	Designation	Signature
1.	Dr .R. Saravana Moorthy	Chair Person	28/4/2023
2.	Dr.MaryMagdalane Jane	University Representative	28/4/23
3.	Dr.Deepak Misra	Subject Experts	ABSENT
4.	Dr.S.Gokila	Subject Experts	28/4/23
5.	Mr.A.Gnanasekar	Industrial Experts	ABSENT
6.	Mr. B. Manogaran	Member	28/4
7.	Mr. B. Rajkumar	Member	28.4.2023
8.	Dr.K. Dhanalakshmi	Member	K. Dhanalakshmi 28/4/2023
9.	Mr. P. Kaliraj	Member	
10.	Dr. R. Kumuthaveni	Member	28/4/23
11.	Dr. M. Jagadheeswari	Member	28/4

12.	Mrs. S. Vanjimalar	Member	28/4/23
13.	Mr. S. Velmurugan	Member	28/4/23
14.	Ms. V. Janani Prarthana	Alumni Expert	V. Janani Prarthana
15.	Ms. K.Ramya	Student Representative	K. Ramya

28/04/23

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28/4/2023

Signature of the Chairman of the Board

Dr. R. Saravana Moorthy
M.Sc (SE), MCA, M.Phil, MBA (IT), OCP, Ph.D (CSE),
Associate Professor & Head,
Department of Computer Science,
Kongunadu Arts and Science College,
Coimbatore - 641 029.

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B.Sc COMPUTER SCIENCE

Annexure

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)
(2023 – 2024)

Sl. No.	Semester	Course Code	Name of the Course	Existing/ Revised	% of modification	Employability/ Entrepreneurship/ Skill Development
1.	I	23USC101	Core Paper 1 - Python Programming	Revised	100	Skill Development
2.	I	23USC1CL	Core Practical 1 – Python Programming Lab	Revised	100	Skill Development
3.	I	23USC1A1	Allied Paper 1 - Numerical Methods	Revised	100	Skill Development
4.	I	23USC1F1	Fundamentals of Computer Science	Revised	100	Skill Development
5.	II	23USC202	Core Paper 2 - Object Oriented Programming with C++	Revised	100	Employability
6.	II	23CS2CM	Core Practical 2 - Object Oriented Programming with C++ Lab	Revised	100	Employability
7.	II	23USC2S3	SEC 3 – Naan Mudhalvan Skill Course &	Revised	100	Skill Development
8.	III	23USC303	Core Paper 3 - .Net Framework	Revised	100	Employability
9.	III	23USC3CN	Core Practical 3 – .Net Framework Lab	Revised	100	Employability
10.	III	23UGC3S4	SEC 4 – Cyber Security	Existing	-	Skill Development
11.	III	23USC3SL	SEC 5 – Naan Mudhalvan Skill Course &	Revised	100	Skill Development
12.	IV	23USC404	Core Paper 4 - Data Structure and Algorithms using C++	Revised	100	Employability
13.	IV	23USC4CO	Core Practical 4 - Data Structure and Algorithms using C++ Lab	Revised	100	Employability
14.	IV	23USC4S6	SEC 6 - Naan Mudhalvan Skill Course &	Revised	100	Skill Development
15.	IV		SEC 7 – EDC	Existing	-	Skill Development
16.	V	23USC505	Core Paper 5 – Core Paper 5 - Advanced Database Management System	Revised	100	Employability
17.	V	23USC5CP	Core Practical 5 - Advanced Database Management System Lab	Revised	100	Employability
18.	V	23USC506	Core Paper 6 - Operating System	Revised	100	Employability
19.	V	23USC5E1	Major Elective 1	Revised	100	Employability
20.	V	23USC5E2	Major Elective 2	Revised	100	Employability
21.	V	23USC5Z1	Project	Revised	100	Employability
22.	V	23USC5IT	Internship Training	`Revised	100	Employability

23.	VI	23USC607	Core Paper 7 - Computer Networks	Revised	100	Employability
24.	VI	23USC608	Core Paper 8 – Internet of Things	Revised	100	Employability
25.	VI	23USC6CQ	Core Practical 6 - Internet of Things Lab	Revised	100	Employability
26.	VI	23USC6E3	Major Elective 3	Revised	100	Employability
27.	VI	23USC6E4	Major Elective 4 Naan Mudhalvan &	Revised	100	Employability
28.	VI	23USC6S8	SEC 8 - Core Professional Competency Skill (Onsite / online)	Revised	100	Skill Development

Annexure-M.Sc Computer Science (SF)

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)

(2023 – 2024)

Sl. No.	Semester	Course Code	Name of the Course	Existing/ Revised	% of modification	Employability/ Entrepreneurship/ Skill Development
1	I	23PCS101	Core Paper 1 - Data Structures using Python	Revised	100	Employability/ Skill Development
2	I	23PCS102	Core Paper 2 - Advanced Database Management Systems	Revised	100	Employability/ Skill Development
3	I	23PCS1CL	Core Practical 1- Data Structures using Python Lab	Revised	100	Entrepreneurship/ Employability/ Skill Development
4	I	23PCS1E1	Major Elective 1	Revised	100	Employability/ Skill Development
5	I	23PCS1E2	Major Elective 2	Revised	100	Employability/ Skill Development
6	I	23PCS1K1	AEC- Soft Skill – Open-Source Technology (Lab)	Revised	100	Entrepreneurship/ Employability/ Skill Development
7	I	23PCS1S1	SEC 1 – Advanced Spreadsheet tools (Lab)	Revised	100	Entrepreneurship/ Employability/ Skill Development
8	II	23PCS203	Core Paper 3- Advanced Web Technology	Revised	100	Employability/ Skill Development
9	II	23PCS204	Core Paper 4- Advanced Java Programming	Revised	100	Employability/ Skill Development
10	II	23PCS2CM	Core Practical 2- Advanced Web Technology- Lab	Revised	100	Entrepreneurship/ Employability/ Skill Development

11	II	23PCS2E3	Major Elective 3	Revised	100	Employability/ Skill Development
12	II	23PCS2E4	Major Elective 4	Revised	100	Employability/ Skill Development
13	II	23PCS2K2	AEC- Soft Skill – Fundamentals of Data Science(Lab)	Revised	100	Entrepreneurship/ Employability/ Skill Development
14	II	23PCS2S2	SEC 2 – Graphics Design and Animation(Lab)	Revised	100	Entrepreneurship/ Employability/ Skill Development
15	III	23PCS305	Core Paper 5 – Machine Learning	Revised	100	Employability/ Skill Development
16	III	23PCS306	Core Paper 6- Distributed Operating System	Revised	100	Employability/ Skill Development
17	III	23PCS3CN	Core Practical 3- Machine Learning Lab	Revised	100	Entrepreneurship/ Employability/ Skill Development
18	III	23PCS3N1	Non-Major Elective 1	Revised	100	Employability/ Skill Development
19	III		EDC	Revised	100	Employability/ Skill Development
20	III	23PCS3K3	AEC- Soft Skill – 3 Stress management	Revised	100	Employability/ Skill Development
21	III	23PCS3S3L	SEC 3 –Cloud Computing (Lab)	Revised	100	Entrepreneurship/ Employability/ Skill Development
22	III	23PCS3IT	Internship Training&&	Revised	100	Employability/ Skill Development
23	IV	23PCS407	Core Paper 7- Internet of Things	Revised	100	Employability/ Skill Development
24	IV	23PCS408	Core Paper 8- Cryptography and Network Security	Revised	100	Employability/ Skill Development
25	IV	23PCS4CO	Core Practical 4- Internet of Things Lab	Revised	100	Entrepreneurship/ Employability/ Skill Development
26	IV	23PGI4N2	Non-Major Elective 2	Revised	100	Employability/ Skill Development
27	IV	23PCS4Z1	Project and Viva voce	Revised	100	Employability/ Skill Development
28	IV	23P CS4K4	AEC- Soft Skill – 4 -Time Management	Revised	100	Employability/ Skill Development
29	IV	23PCS4S4	SEC 4 – Core Professional AEC Competency Skill (Online)	Revised	100	Employability/ Skill Development
30	IV	23PCS4CS	Extension Activity	Revised	100	Employability/ Skill Development

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