

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 29

DEPARTMENT OF COMPUTER SCIENCE SF - (UG & PG)

27.03.2026

The Board of Studies Meeting in Computer Science (UG & PG) – Unaided is schedule on **27.03.2026** at 10.00 am for **Department of Computer Science(SF)**. I kindly request you to participate and share your valuable suggestions.

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 2026-2027 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.

S. Nijayalanni
27/03/2026
(Dr. S. VIJAYARANI)

→ 27
27/3/2026

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PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029



KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
COIMBATORE 641029

DEPARTMENT OF COMPUTER SCIENCE (SF) – UG & PG

Minutes of the Board of Studies:

The Board of Studies meeting was held on 27.03.2026. The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Item 1. To consider revision in the Curriculum, Scheme of Examination and Syllabi of UG/PG/Certificate / Diploma courses and approval.

- The Board resolves to adopt for new Allied Paper –**Advanced Digital Marketing (26USC3A3)** for the UG students from the Academic Year 2026 -2027 onwards and for the 2025 -2026 batch in lieu of **Business Accounting Paper (26USC3A3)** offered in III semester to the students admitted with effective from 2025-2026 batch with the subject code **(26USC3A3)**.

Item 2. To suggest the panel of names for appointment of examiners.

The members of the Board of Studies in Computer Science (SF) resolved unanimously to authorize the Chairperson Dr.R.Saravanamoorthy, to update the list of Examiner Panel for Question Paper setting, Practical and Project Viva voce Examinations and Board Valuations.

Item 3. 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 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 2026 – 2027.

The members after careful scrutiny of the changes to be made unanimously accorded approval for the proposed changes/modifications. 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.

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(2026 – 2027)
B.Sc Computer Science

Sem.	Course code	Name of the Course	Changes made
III	26USC3A3	Allied Paper 3-Business Accounting	This allied paper has been removed from the syllabi and replaced by Advanced Digital Marketing
V	26USC5E1	Major Elective Paper - 1 Cloud Computing	Few changes made in the syllabus content
V	26USC5OP	Self Study: Prompt Engineering	To introduce the open course (self study application oriented) course Prompt Engineering (26USC5OP) with one hour / cycle, one credit, 5marks from CIA & 20 marks from ESE, totally 25 marks to CIA are taken from Core Paper - Operating Systems (26USC506) and is allotted.
VI	26USC6E2	Major Elective Paper – 2	Major elective paper - Introduction to Data Science has been removed from the syllabi and replaced by Natural Language Processing

(2026 – 2027)
M.Sc Computer Science

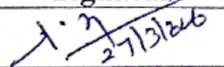
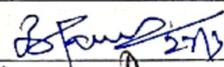
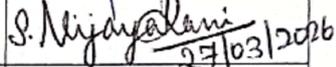
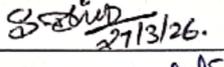
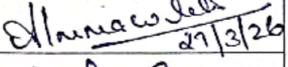
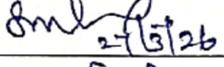
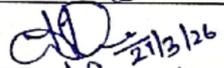
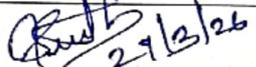
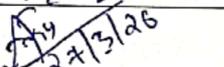
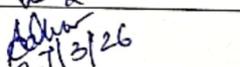
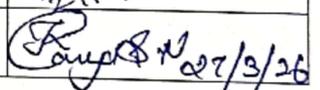
Sem.	Course code	Name of the Course	Changes made
II	26PCS204	Core Paper 4-Blockchain Technology	Few changes made in the syllabus content
I/II	26PCS1E1/ 26PCS2E2	Major Elective Paper	Major elective paper - Computer Graphics has been removed from the syllabi and is replaced by Deep learning

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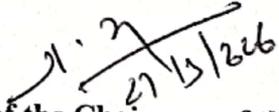

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 27/03/2026

Signature of the Board Members:

S. No.	Name	Designation	Signature
1.	Dr. R. Saravanamoorthy	Chair Person	 27/3/26
2.	Mr. B. Manogaran	Member	 27/3
3.	Dr. S. Vijayarani	University Representative	 27/03/2026
4.	Dr. M. Sethumadhavan	Subject Expert	— ABSENT —
5.	Dr. C. Meena	Subject Expert	— ABSENT —
6.	Mr. S. Dhinesh Kumar	Industrial Expert	 27/3/26.
7.	Mrs. A. Immaculate	Member	 27/3/26
8.	Mrs. S. Vanjimalar	Member	 27/3/26
9.	Dr. A. Nithya	Member	 27/3/26
10.	Mrs. M. Juliet Monolisa Esther	Member	 27/3/26
11.	Mrs. S. Sumitha Pandit	Member	 27/3/26
12.	Mrs. Ansu Elsa Koshy	Member	 27/3/26
13.	Mr. V. Adarsh. V	Alumni Expert	 27/3/26
14.	Ms. S. N. Kavya	Student Representative	 27/3/26


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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.

Annexure-I

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)
B.Sc. (2026-2027)

S. No.	Semester	Course Code	Name of the Course	Existing / Revised	% of modification	Employability / Entrepreneurship / Skill development
1.	I	26USC101	Core Paper 1 – C Programming	Existing	-	Employability / Entrepreneurship / Skill development
2.	I	26USC1CL	Core Practical 1 - C Programming Lab	Existing	-	Employability / Skill development
3.	I	26USC1A1	Allied Paper 1 –Discrete Mathematics and Statistics	Existing	-	Employability / Skill development
4.	I	26EVS101	Environmental Studies **	Existing	-	Employability / Skill development
5.	II	26USC202	Core Paper 2 - Data Structure using C++	Existing	-	Employability / Skill development
6.	II	26USC2CM	Core Practical 2 - Data Structure using C++ Lab	Existing	-	Employability / Skill development
7.	II	26USC2A2	Allied Paper 2 - Operations Research	Existing	-	Employability / Skill development
8.	II	26VED201	Value Education–Moral and Ethics**	Existing	-	Employability / Skill development
9.	III	26USC303	Core Paper 3 - Java Programming	Existing	-	Employability / Skill development
10.	III	26USC3CN	Core Practical 3 - Java Programming Lab	Existing	-	Employability / Skill development
11.	III	26USC3A3	Allied Paper 3 – Advanced Digital Marketing	Revised	100%	Employability / Skill development

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		Skill Based Subject 1 - Basics of Cyber Security	Revised	40%	Employability / Skill development
12.	III	26UGC3S1	Existing	-	Employability / Skill development
13.	III	26TBT301/ 26TAT301/ 26UHR3N1	Existing	-	Employability / Skill development
14.	IV	26USC404	Existing	-	Employability / Skill development
15.	IV	26USC4CO	Existing	-	Employability / Skill development
16.	IV	26USC4A4	Existing	-	Employability / Skill development
17.	IV	26USC4SL	Existing	-	Employability / Skill development
18.	IV	26TBT402/ 26TAT402/ 26USG4N2	Existing	-	Employability / Skill development
19.	V	26USC505	Existing	-	Employability / Skill development
20.	V	26USC506	Existing	-	Employability / Skill development
21.	V	26USC507	Existing	-	Employability / Skill development
22.	V	26USC5CP	Existing	-	Employability / Skill development
23.	V	26USC5E1	Revised	10%	Employability / Skill development
24.	V	26USC5OP	Revised	100%	Employability / Skill development
25.	V	26USC5X1	Existing	-	Employability / Skill development
26.	V	26USC5IT	Existing	-	Employability / Skill development

S. Nijay Kumar
27/10/2026

V. M. M. V.

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27/10/2026

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27.	VI	26USC608	Core Paper 8 – Virtual Reality and Augmented Reality	Existing	-	Employability / Skill development
28.	VI	26USC609	Core Paper 9 – Python Programming and IoT	Existing	-	Employability / Skill development
29.	VI	26USC610	Core Paper 10 - Artificial Intelligence and Machine Learning	Existing	-	Employability / Skill development
30.	VI	26USC6CQ	Core Practical 6 - Python Programming and IoT Lab	Existing	-	Employability / Skill development
31.	VI	26USC6E2	Major Elective Paper - 2 - Natural Language Processing	Revised	100%	Employability / Skill development
32.	VI	26USC6Z1	Project and viva voce***	Existing	-	Employability / Entrepreneurship/ Skill development
33.	VI	26UBI6S3	Skill Based subject 3- Basics of IPR	Existing	-	Employability / Skill development

% of change: Change of entire course (5 units): 100%

Change of one unit: 20%

Small Change: 10%

Minor Change: 5%

S. N. Nishitha
26/10/2020



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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.

Annexure

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)

M.Sc. (2026 – 2027)

Sl. No.	Semester	Course Code	Name of the Course	Existing/ Revised	% of Modification	Employability/ Entrepreneurship/ Skill Development
1.	I	26PCS101	Core Paper 1 – Data Structures using Python	Existing	-	Employability/ Skill Development
2.	I	26PCS102	Core Paper 2 – Advanced Database Management Systems	Existing	-	Employability/ Skill Development
3.	I	26PCS1CL	Core Practical 1- Data Structures using Python Lab	Existing	-	Employability/ Skill Development
4.	I	26PCS1CM	Core Practical 2- Advanced DBMS Lab	Existing	-	Employability/ Skill Development
5.	I	26PCS1E1	Major Elective 1	Revised	100%	Employability/ Skill Development
6.	II	26PCS203	Core Paper 3- Advanced Java Programming	Existing	-	Employability/ Skill Development
7.	II	26PCS204	Core Paper 4- Blockchain Technology	Revised	25%	Employability
8.	II	26PCS205	Core Paper 5- .Net Framework	Existing	-	Employability
9.	II	26PCS2CN	Core Practical 3 –Advanced Java Lab	Existing	-	Employability/ Skill Development
10.	II	26PCS2CO	Core Practical 4 – .Net Lab	Existing	-	Employability/ Skill Development
11.	II	26PCS2E2	Major Elective 2	Revised	-	Employability/ Skill Development
12.	III	26PCS306	Core Paper 6 – Web Technologies	Existing	-	Employability/ Skill Development

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13.	III	26PCS307	Core Paper 7- Big Data Analytics	Existing	-	Employability/ Skill Development
14.	III	26PCS3CP	Core Practical 5- Web Technologies Lab	Existing	-	Employability/ Skill Development
15.	III	26PCS3CQ	Core Practical 6- Big Data Analytics Lab	Existing	-	Employability/ Skill Development
16.	III	26PCS3N1	Non-Major Elective 1	Existing	30%	Employability/ Skill Development
17.	III	26PCS3XL	EDC Paper-1 - Internet and Web Designing Lab	Existing	-	Employability/ Skill Development
18.	IV	26PCS408	Core Paper 8- Internet of Things	Existing	-	Employability/ Skill Development
19.	IV	26PCS409	Core Paper 9 - Advanced Computing	Existing	-	Employability/ Skill Development
20.	IV	26PCS4CR	Core Practical 7- Internet of Things Lab	Existing	-	Employability/ Skill Development
21.	IV	26PGI4N2	Non-Major Elective 2	Revised	-	Employability/ Skill Development
22.	IV	26PCS4Z1	Project and Viva -Voce	Existing	-	Employability/ Skill Development

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

S. Vijay Kumar
26/03/2023

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Signature of the Chairman of the Board

KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)
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MASTER OF SCIENCE IN COMPUTER SCIENCE
Curriculum and scheme of Examination under CBCS

(Applicable to the students admitted during the Academic Year 2026-2027)

Semester	Subject Code	Title of the Paper	Instruction cycle/ hours	Exam. Marks			Duration of Exam (hours)	Credits
				CIA	ESE	TOTAL		
I	26PCS101	Core Paper 1 - Data Structures using Python	6	25	75	100	3	4
	26PCS102	Core Paper 2 - Advanced Database Management Systems	6	25	75	100	3	4
	26PCS1CL	Core Practical 1- Data Structures using Python Lab	6	40	60	100	3	4
	26PCS1CM	Core Practical 2- Advanced DBMS Lab	6	40	60	100	3	4
	26PCS1E1	Major Elective 1	6	25	75	100	3	5
	Total			30	-	-	500	-
II	26PCS203	Core Paper 3- Advanced Java Programming	5	25	75	100	3	4
	26PCS204	Core Paper 4- Blockchain Technology	5	25	75	100	3	4
	26PCS205	Core Paper 5- .Net Framework	5	25	75	100	3	4
	26PCS2CN	Core Practical 3 - Advanced Java Lab	5	40	60	100	3	4
	26PCS2CO	Core Practical 4 – .Net Lab	5	40	60	100	3	4
	26PCS2E2	Major Elective 2	5	25	75	100	3	5
	Total			30	-	-	600	-
III	26PCS306	Core Paper 6 – Web Technologies	6	25	75	100	3	4
	26PCS307	Core Paper 7- Big Data Analytics	6	25	75	100	3	4
	26PCS3CP	Core Practical 5- Web Technologies Lab	6	40	60	100	3	4
	26PCS3CQ	Core Practical 6- Big Data Analytics Lab	6	40	60	100	3	4
	26PCS3N1	Non-Major Elective 1	4	25	75	100	3	4
	26PCS3X1	EDC Paper	2	100	-	100	3	2
	26PCS3IT	Internship Training ****	Grade					
	Total			30	-	-	600	-

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IV	26PCS408	Core Paper 8- Internet of Things	4	25	75	100	3	4
	26PCS409	Core Paper 9 - Advanced Computing	5	25	75	100	3	4
	26PCS4CR	Core Practical 7- Internet of Things Lab	5	40	60	100	3	4
	26PGI4N2	Non-Major Elective 2	4	100	-	100	3	4
	26PCS4Z1	Project and Viva -Voce	12	20	80	100	-	6
	Total		30	-	-	500	-	22
Grand Total			120	-	-	2200	-	90

Note:

CBCS – Choice Based Credit system
CIA – Continuous Internal Assessment
ESE – End of Semester Examinations

**** The students shall undergo Internship training / field work for a minimum period of 14 working days at the end of the **second semester** during summer vacation and submit the report in the **third semester** which will be evaluated for 100 marks by the concerned guide and followed by an Internal Viva Voce by the respective faculty or HOD as decided by the department. According to their marks, the grades will be awarded as given below.

Marks %	Grade
85 – 100	O
70 – 84	D
60 – 69	A
50 – 59	B
< 40	U (Reappear)

Major Elective Papers

(2 papers are to be chosen from the following 6 papers)

1. Network Security and Cryptography
2. Quantum Computing
3. Advanced Artificial Intelligence and Machine Learning
4. Information Retrieval
5. Data Mining and Soft Computing
6. Deep Learning

Non Major Elective Papers

(2 papers are to be chosen from the following 4 papers)

1. Fundamentals of Information Security #
2. Management Information System
3. Business Intelligence
4. Social Network Analysis

to be offered by the respective departments.

Sub. Code & Title of the Extra Departmental Course (EDC) :

26PCS3X1 – EDC Paper 1 - Internet and Web Designing Lab

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Note: In core subjects, no. of papers both theory and practical are included wherever applicable. However, the total credits and marks for core subjects remain the same as stated below

Tally Table:

Subject	No. of Subjects	Total Marks	Credits
Core – Theory / Practical / Project	17	1700	70
Major Elective Papers	2	200	10
EDC Paper	1	100	2
Non Major Elective Paper	2	200	8
Grand Total	22	2200	90

- 100 % CIA for Information Security and EDC.
- The students should complete any **MOOC course available for Online learning platforms like SWAYAM, NPTEL, IIT Bombay Spoken Tutorial, e-Pathshala etc.**, before the completion of the 3rd semester and the course completion certificate should be submitted through the HoD to the Controller of Examinations. Appropriate credits will be given to the candidates who have successfully completed.
- **Onsite Training** preferably relevant to the course may be undertaken as per the discretion of the faculty or HoD.
- Extra credits shall be awarded for innovative products/ individual paper presentations and publications in reputed national/ international proceedings and in indexed journals by the PG students for their original research contributions.

- Product development through Technology Readiness Levels:

- ✓ Phase 1 Level (TRL 1-3) : Basic research: 1 credits
- ✓ Phase 2 Level (TRL 4 -6) : Development and validation : 2 credits
- ✓ Phase 3 Level (TRL 7-9) : Deployment : 3 credits

- National / International level paper presentation in conferences and publications of full papers in reputed Scopus/ web of Science indexed journals

- ✓ National Level : 1 credit/ paper
- ✓ International Level : 2 credits/ paper
- ✓ Open access Journals are not included

➤ Extra credits shall be awarded to students who prefer to opt any course out of their programme on self learning mode. No internal components. 100% ESE.

Teaching Pedagogy

Smart Classroom/Powerpoint presentation/Seminar/Quiz/Discussion/Flipped Classroom/Peer Learning/Experimental Learning/Blended learning

Flipped Classroom

Preamble:

- Under flipped classroom model, students review foundational content before class, with class time dedicated to practice, discussion, and problem – solving where the role of the teachers will be facilitating discussions and enabling students to embark on a holistic learning perspectives

Work instructions:

- One flipped session / unit is made mandatory and the course In-charge shall identify and specify the topic to be covered in the flipped session in the lesson plan.
- Detailed session plans must be intimated to all students at least one week in advance.
- Curated content such as LORs, video lectures, animations, and other relevant digital content shall be

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provided to students in advance to facilitate effective preparation for the flipped classroom session.

Peer Learning

Preamble:

- Peer Assisted learning enables students to learn from each other sharing knowledge in a collaborative learning environment.
- Development of leadership skills and student engagement through student to student academic support.
- Reduce drop out/failure rates of the students and create a supportive academic culture where a high performing or trained student assists peers academically.

Work Instructions:

- Course In-charge shall supervise the programme by periodically reviewing its implementation, conducting review meetings, and monitoring the progress reports.
- Course In-charge shall identify 5 to 6 fast learners based on their academic performance in internal and external examinations.
- Course In-charge shall also identify students who require additional academic support and assign 4 to 5 such students to each fast learner to facilitate peer learning.
- This team will operate remedial classes on a peer learning mode as per the following:
 - a) One session / week / course and each session shall be for 30 minutes in duration, with follow-up learning activities.
 - b) The faculty In-charge shall review attendance records and monitor the academic progress of the students.

Blended learning

- Blended learning integrates traditional in class instruction with digital tools exposing students to a myriad options for learning from subject experts across the globe
- It is provided with online learning sessions on recorded videos, lecture captured sessions (included under guided Library hours), digital resources, and guided sessions facilitated by internal faculty members and external experts through Zoom meets etc.,

Work Instructions:

- For every course, students will be motivated to attend additional webinar/online courses through any interactive learning tools such as, telepresence systems, podcasts, interactive videos etc. with minimum of 2 sessions/course and maximum of 3 sessions/course.

Components of Continuous Internal Assessment

Components		Marks	Total
Theory			
CIA I	75	(75+75 = 150/10)	25
CIA II	75		
Objective Capacity Testing */Seminar		5	
Attendance		5	
Practical			
CIA Practical		25	40
Observation Notebook		10	
Attendance		5	
Project			
Review		15	20
Regularity		5	
Theory (Allied) (External : 55 marks)			
CIA I	55	(55+55) Converted to 10	20
CIA II	55		
Objective Capacity Testing */Seminar		5	
Attendance		5	
Practical (Allied) (External : 30 marks)			

S. Nijagalanni
27/03/2021





KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

Re-accredited by NAAC with A+ Grade (4th Cycle)

College of Excellence (Status Awarded by UGC)

Affiliated to Bharathiar University

GNANAMBIKAI MILLS (POST), COIMBATORE - 641029, TAMIL NADU, INDIA.

Office : 0422-2642095, 0422-2646588

E-mail : principal@kongunaducollege.ac.in

Website : www.kongunaducollege.ac.in

Dear Sir/Madam,

25.03.2026

The Board of Studies meeting is scheduled on **27.03.2026** at respective departments.

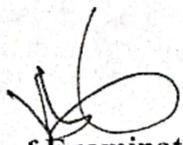
Department of **Computer Science (Unaided)**

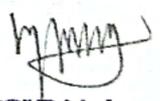
You are requested to kindly note down the following

1. The following is the approved composition of the Board

Name	Designation
Dr.R.Saravana Moorthy	Chair Person
Mrs.M.Juliet Monolisa	Member
Mrs.S.Vanjimalar	Member
Mr. B. Manogaran	Member
Mrs. A. Immaculate	Member
Mrs.S.Sumitha Pandit	Member
Dr.A.Nithya	Member
Mrs.Ansu Elsa Koshy	Member

2. The scheme of curriculum and the respective syllabi will be available with the Chairperson.
3. You are requested to adhere to the norms as defined by the existing regulation for the smooth conduct of the Board of Studies meeting.
4. You are further requested to intimate the undersigned of any absence of any members.
5. You will be paid DA as per norms of the Institution.


Controller of Examinations


Principal
Kongunadu Arts & Science College
Coimbatore - 641 029

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