

Kongunadu Arts and Science College (Autonomous)
Coimbatore 641029

Department of Information Technology

Minutes of the Board of Studies:

The Board of Studies meeting was held on 17-03-2025. 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 B.Sc Information Technology for the students to be admitted from the Academic Year 2025 – 2026 and onwards for approval.

The members resolved to approve the following changes made in the Curriculum, Scheme of Examinations and Syllabi of B.Sc -Information Technology for the students to be admitted from the Academic Year 2025-2026 and onwards.

B. Sc Information Technology:

| Sem. | Course code | Name of the Course | Changes made |
|------|-------------|--|--|
| I | 25UIT101 | Core Paper 1 – Computer Fundamentals and Programming in C | To introduce a new Core Paper 1 – Computer Fundamentals and Programming in C instead of Core Paper 1 –Data Structures using C |
| I | 25UIT1CL | Core Practical 1 – Programming Lab -PC Hardware and Programming in C | To introduce a new Core Practical 1 – Programming Lab -PC Hardware and Programming in C instead of - Core Practical 1 –Programming Lab – Data Structures using C |
| I | 25UIT2CM | Core Practical 2 Office Suits and Designing | To introduce a new Core Practical 2 Office Suits and Designing |
| II | 25UIT202 | Core Paper 2 – Data Structures using C++ | To replace the Core Paper 2 - Logic System and Design with Core Paper 2 - Data Structures using C++. |
| II | 24UIT203 | Core Paper 3 - Object Oriented Programming with Java | To remove the Core Paper 3 - Object Oriented Programming with Java |
| II | 25UIT2CN | Core Practical 3 - Programming Lab- Data Structures using C++ | To replace the Core Practical 2 - Programming Lab- Java with Core Practical 3 -Programming Lab- Data Structures using C++ |
| III | 25UIT303 | Core Paper 3 –Java Programming. | To replace the Core Paper 4 - Operating System using Linux with Core Paper 3 - Java Programming |
| III | 25UIT3CO | Core Practical 4 – Programming Lab - Java | To introduce a new Core Practical 4 – Programming Lab –Java- instead of Core Practical 3 – Programming Lab - Linux |
| III | 25UIT3A3 | Allied Paper 3 - Digital Fundamentals, Architecture and Microprocessors | To replace the 24UIT3A3 - Allied Paper 3 - Client / Server Technology by Allied Paper 3 - Digital Fundamentals, Architecture and Microprocessors and with updated syllabus including Indian Knowledge System concepts Introduction to Computer Logic: Boolean Algebra and Logic Gates |

| | | | |
|------|-----------------------|---|--|
| IV | 25UIT404 | Core Paper 4-.NET Programming and RDBMS | To revise the syllabus of Core Paper 5-.NET Programming and Oracle and to introduce new Core Paper 4-.NET Programming and RDBMS |
| IV | 25UIT4CP | Core Practical 5-Programming Lab- .NET and RDBMS | To revise the syllabus of Core Practical 4 – Programming Lab- .NET and Oracle and to introduce new Course Code 25UIT4CP Core Practical 5-Programming Lab- .NET and RDBMS |
| V | 25UIT505 | Core Paper 5 – Python Programming | To move Core Paper 6 - Web Technology into Core Paper 8 – Web Technology in Semester VI with revised syllabus and to introduce a new Core Paper 5 – Python Programming in Semester V. |
| V | 25UIT506 | Core Paper 6 – Operating System | To replace Core Paper 7-Software Engineering by Core Paper 6 – Operating System . |
| V | 25UIT507 | Core Paper 7 – Data Communication and Networking | To replace – Core Paper 8 -Computer Networks by Core Paper 7 – Data Communication and Networks |
| V | 25UIT5CQ | Core Practical 6-Programming Lab- Python | To move Core Practical 5 -Programming Lab-Web Development and Testing from Semester V into Core Practical 7 -Programming Lab-Web Development and Testing Lab in Semester VI and to introduce Core Practical 6 –Programming Lab – Python in Semester V |
| VI | 25UIT608 | Core Paper 8-Web Technology | To replace Core Paper 9- IoT using Python with Core Paper 8 – Web Technology . Also, move Internet of Things into Elective list with Elaborated syllabus instead of Data Communications. |
| VI | 25UIT609 | Core Paper 9 – Software Engineering and Testing. | To replace Core Paper 10 -Wireless Adhoc Networks by Core Paper 9 – Software Engineering and Testing . |
| V/VI | 25UIT6E1/ 25UIT6E2 | Major Elective 1 / Major Elective 2 | To replace Elective paper Digital Image Processing by Machine Learning. |
| V/VI | 25UIT6E1/ 25UIT6E2 | Major Elective 1 / Major Elective 2 | To replace Elective paper Soft Computing by Network Security |
| V/VI | 25UIT6E1/ 25UIT6E2 | Major Elective 1 / Major Elective 2 | To revise the syllabus of Elective paper Cloud Computing |

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

The members of the Board of studies in Information Technology resolved unanimously to authorize the Chairperson Dr. K. Dhanalakshmi to update the list of examiner panel for Question paper setting, Practical and Project Viva Voce examinations and Board valuations.

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 2025 – 2026.

Item 3. Other academic activities in the department.

New JOC courses are introduced and is followed for the students from the Academic Year 2025-2026.

JOC Programme:

| S. No. | Name of the Programme |
|--------|-------------------------------------|
| 1. | Mobile Application Development |
| 2. | Quantitative Aptitude |
| 3. | Linux Lab |
| 4. | Network Security and Management Lab |

Students admitted during the Academic Year 2023-2024 should complete any Course era with a minimum of 4 weeks in duration during the V or VI semester of the third year.

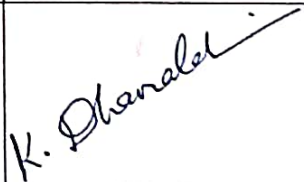
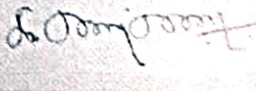
Students admitted during the Academic Year 2024-2025 should complete any Course era with a minimum of 4 weeks in duration during the III semester of the II year.

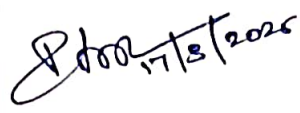
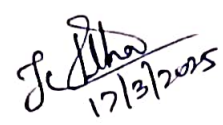


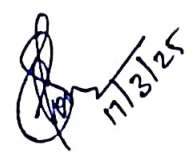
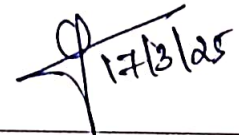
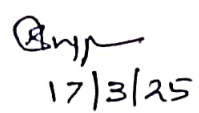
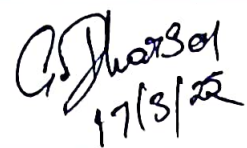
Students admitted during the Academic Year 2025-2026 should complete any Course era with a minimum of 4 weeks in duration during the II semester of the I year.

They are asked to submit the marks to Controller of Examinations through and undersigned by the HOD. Appropriate extra credits and certification as applicable shall be awarded to the students who have completed the course.


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.

Signature of the Board Members:

| S.No. | Name | Designation | Signature |
|-------|--|---|---|
| 1. | Dr. K. Dhanalakshmi Chairman | Associate Professor and HoD(i/c), Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29. |  |
| 2. | Dr R PORKODI University Representative | Professor Department of Computer Science Bharathiar University Coimbatore, Tamilnadu |  (Through Online) |

| | | | |
|-----|--|--|--|
| 3. | Dr. P. Anitha Subject Expert | Professor and Head Department of MCA KSR College of Engineering, Tiruchengode. |  17/3/2025 |
| 4. | Dr. K. Prabha Subject Expert | Assistant Professor Department of Computer Science, Periyar University Centre for PG and Research Studies, Dharmapuri - 635205 |  17/3/2025 |
| 5. | Mr. Saravanan Arumugam, Industry Expert | Senior Manager-Projects Cognizant Technology Solutions In Private Ltd, Chill Special Economic Keeranatham, CHIL SEZ Road, Saravanampatti, Coimbatore - 641035. |  |
| 6. | Ms. Subhasree .M Alumni | Packaged App Development Assoc Accenture Solutions Private Limited Module No. 402, Tidel Park Coimbatore ELCOT - SEZ, Villankurichi Rd, Aerodrome Post, Coimbatore, Tamil Nadu 641014 |  17/3/25 |
| 7. | Mrs. S. Gomathi, Member | Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29 |  17/3/25 |
| 8. | Mrs. V. Loganayaki Member | Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29 |  17/3/25 |
| 9. | Mrs. S. Supriya Member | Assistant Professor, Department of Information Technology, Kongunadu Arts and Science College, Coimbatore -29 |  17/3/25 |
| 10. | Mr. G. Dharsan Student Representative | III B.Sc Information Technology, Kongunadu Arts and Science College, Coimbatore -29 |  17/3/25 |

 17/3/25
PRINCIPAL
 Kongunadu Arts & Science College
 Coimbatore - 641 029

 17/3/2025
 Signature of the Chairman of the Board
Dr. K. DHANALAKSHMI MCA., M.Phil., Ph.D.,
Associate Professor & Head
Department of Information Technology
Kongunadu Arts & Science College (Autonomous)
G.N. Mills Post, Coimbatore - 641 029.

B.Sc Information Technology

Annexure

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)
(2025 – 2026)

| Sl. No. | Semester | Course Code | Name of the Course | Existing/ Revised | % of modification | Employability/ Entrepreneurship/ Skill Development |
|---------|----------|-------------|---|-------------------|-------------------|--|
| 1. | I | 25UIT101 | Core Paper 1– Computer Fundamentals and Programming in C | Revised | 100 | Skill Development |
| 2. | I | 25UIT1CL | Core Practical 1 – Programming Lab -PC Hardware and Programming in C | Revised | 100 | Skill Development |
| 3. | I | 25UIT1CM | Core Practical 2-Office Suits and Designing | Revised | 100 | Employability |
| 4. | II | 25UIT202 | Core Paper 2 – Data Structures using C++ | Revised | 100 | Skill Development |
| 5. | II | 25UIT2CN | Core Practical 3 -Programming Lab- Data Structures using C++ | Revised | 100 | Skill Development |
| 6. | III | 25UIT303 | Core Paper 3 –Java Programming | Revised | 100 | Employability |
| 7. | III | 25UIT3CO | Core Practical 4 – Programming Lab - Java | Revised | 70 | Employability |
| 8. | III | 25UIT3A3 | Allied Paper 3 - Digital Fundamentals Architecture and Microprocessors | Revised | 100 | Skill Development |
| 9. | III | 25UGC3S1 | Skill Based Subject 1 -Cyber Security | Existing | - | Employability |
| 10. | IV | 25UIT404 | Core Paper 4 -.NET and RDBMS | Revised | 40 | Employability |
| 11. | IV | 25UIT4CP | Core Practical 5 -Programming Lab- .NET and RDBMS | Revised | 20 | Employability |
| 12. | IV | 24UIT4A4 | Allied Paper 4 - Embedded and Real time systems | Existing | - | Skill Development |
| 13. | IV | 25UIT4SL | Skill Based Subject 2 (Practical) – R Programming Lab | Existing | - | Skill Development |

| | | | | | | |
|-----|--------|--------------|--|----------|-----|-------------------|
| 14. | V | 25UIT505 | Core Paper 5 – Python Programming | Revised | 100 | Employability |
| 15. | V | 25UIT506 | Core Paper 6– Operating System | Revised | 10 | Skill Development |
| 16. | V | 25UIT507 | Core Paper 7 - Data Communication and Networks | Revised | 100 | Entrepreneurship |
| 17. | V | 25UIT5CQ | Core Practical 6-Programming Lab – Python | Revised | 100 | Employability |
| 18. | V | 25UIT5XL | EDC – Advanced Excel Lab | Existing | - | Employability |
| 19. | VI | 25UIT608 | Core Paper 8-Web Technology | Revised | 60 | Entrepreneurship |
| 20. | VI | 25UIT609 | Core Paper 9- Software Engineering and Testing | Revised | 100 | Employability |
| 21. | VI | 25UIT6CR | Core Practical 7-Programming Lab- Web Development and Testing | Revised | 50 | Entrepreneurship |
| 22. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 - Internet of Things | Revised | 100 | Entrepreneurship |
| 23. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 – Mobile Computing | Existing | - | Entrepreneurship |
| 24. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 – Cloud Computing | Revised | 40 | Entrepreneurship |
| 25. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 - Data Mining | Existing | - | Employability |
| 26. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 - Artificial Intelligence | Revised | 100 | Employability |
| 27. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 - Big Data Analytics | Existing | - | Entrepreneurship |
| 28. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 – Machine Learning | Revised | 100 | Employability |
| 29. | V / VI | 25UIT5E1/6E2 | Major Elective 1 / 2 – Network Security | Revised | 100 | Employability |
| 30. | VI | 25UBI6S3 | Skill Based Subject 3– Basics of IPR | Existing | - | Skill Development |

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


 21/3/25
PRINCIPAL
 Kongunadu Arts & Science College
 Coimbatore - 641 029


Signature of the Chairman of the Board

Dr. K. DHANALAKSHMI MCA., M.Phil., Ph.D.,
 Associate Professor & Head
 Department of Information Technology
 Kongunadu Arts & Science College (Autonomous)
 G.N. Mills Post, Coimbatore - 641 029.

JOC Courses

Annexure

(Comprehensive Revision of Syllabus – Revised and Unrevised Courses)

(2025 – 2026)

| Sl. No. | Name of the Course | Existing/ Revised | % of modification | Employability/ Entrepreneurship/ Skill Development |
|---------|-------------------------------------|-------------------|-------------------|--|
| 1. | Mobile Application Development | New | - | Employability |
| 2. | Quantitative Aptitude | New | - | Employability |
| 3. | Linux Lab | New | - | Employability |
| 4. | Network Security and Management Lab | New | - | Employability |

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


PRINCIPAL
Kongunadu Arts & Science College
Coimbatore - 641 029


Signature of the Chairman of the Board

Dr. K. DHANALAKSHMI MCA., M.Phil., Ph.D.,
Associate Professor & Head
Department of Information Technology
Kongunadu Arts & Science College (Autonomous)
G.N. Mills Post, Coimbatore - 641 029.