**Kongunadu Arts and Science College (Autonomous)**
**Coimbatore 641029**

**Department of Artificial Intelligence and Machine Learning**

**Minutes of the Board of Studies:**

The Board of Studies meeting was held on 27/03/2026 at 10.00 am. 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.

**2026 Full Syllabus**

| Sem. | Subject code | Title of the paper | Changes made |
|---|---|---|---|
| I | 26UAI101 | Core Paper 1 - Python Programming for Machine Learning | Nil |
| | 26UAI1CL | Core Practical 1 – Python Programming for Machine Learning Lab | Nil |
| II | 26UAI202 | Core Paper 2 - Java Programming | Nil |
| | 26UAI2CM | Core Practical 2 - Java Programming Lab | Nil |
| III | 26UAI303 | Core Paper 3 – Data Structures and Algorithms | 100% |
| | 26UAI3CN | Core Practical 3 - Data Structures and Algorithms Lab | 100% |
| | 26UAI3A3 | Allied Paper 3 – Fundamentals of Computer Architecture | 100% |
| | 26UGC3S1 | Skill Based Subject 1- Cyber Security | Nil |
| IV | 26UAI404 | Core Paper 4 - Data Analytics and Visualization | Nil |
| | 26UAI4CO | Core Practical 4 - Data Analytics and Visualization Lab | Nil |
| | 26UAI4A4 | Allied Paper 4 – Principles of Operating Systems and DBMS | 100% |
| | 26UAI4SL | Skill Based Subject 2- MongoDB Lab | Nil |

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| V | 26UAI505 | Core Paper 5 - Machine Learning Techniques | 100% |
| | 26UAI5OP | Fundamentals of AI | 100% |
| | 26UAI506 | Core Paper 6 – Deep Learning | Nil |
| | 26UAI5CP | Core Practical 5 - Machine Learning Techniques Lab | Nil |
| | 26UAI5CQ | Core Practical 6 - Business Analytics Lab | 100% |
| | 26UAI5E1 | Major Elective Paper 1 | Nil |
| | 26UAI5XL | EDC – Fundamentals of Internet and Web Design Lab | Nil |
| VI | 26UAI607 | Core Paper 7 - Natural Language Processing | Nil |
| | 26UAI608 | Core Paper 8 - Full Stack Web Development | 100% |
| | 26UAI609 | Core Paper 9 – Advanced AI | 100% |
| | 26UAI6CR | Core Practical 7 -Natural Language Processing Lab | Nil |
| | 26UAI6E2 | Major Elective Paper 2 | Nil |
| | 26UBI6S3 | Skill Based Subject 3- Basics of IPR | Nil |
| Major Elective | 26UAI5E1/26UAI6E2 | Internet of Things | Nil |
| | 26UAI5E1/26UAI6E2 | Business Analytics | 100% |
| | 26UAI5E1/26UAI6E2 | Explainable AI | 100% |
| | 26UAI5E1/26UAI6E2 | Networking and Security | 100% |
| | 26UAI5E1/26UAI6E2 | Design Thinking | Nil |
| | 26UAI5E1/26UAI6E2 | Time Series Analysis | 100% |
| | 26UAI5E1/26UAI6E2 | Data Mining and Warehousing | Nil |

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| Major Elective | 26UAI5E1/26UAI6E2 | Big Data Analytics | Nil |
| | 26UAI5E1/26UAI6E2 | Human Computer Interaction | 100% |
| | 26UAI5E1/26UAI6E2 | Artificial Neural Networks and Fuzzy Logic | Nil |

**Certificate Programme: (Online)**

| Subject Code | Title of the Paper | Changes Made |
|---|---|---|
| 26CAI101 | Core Paper 1 - Python with Data Science | Nil |
| 26CAI102 | Core Paper 2 - Artificial Intelligence and Machine Learning | Nil |
| 26CAI1CL | Core Practical 1 – Python With Data Science Lab | Nil |
| 26CAI1CM | Core Practical 2 – Artificial Intelligence and Machine Learning Lab | Nil |

**Item 1:** Changes /Modifications/ Revisions made for 2026 batch.

| Sem. | Subject Code | Title of the Paper | Changes Made |
|---|---|---|---|
| I | 26UAI101 | Core Paper 1 - Python Programming for Machine Learning | 25UAI101 Core Paper 1 - C and C++ Programming removed and replaced with 25UAI303 Core Paper 3 - Python Programming for Machine Learning from third semester. |
| I | 26UAI1CL | Core Practical 1 - Python Programming for Machine Learning Lab | 25UAI1CL Core Practical 1 - C and C++ Programming Lab removed and replaced with 25UAI3CN Core Practical 3 - Python Programming for Machine Learning from third semester. |
| III | 26UAI303 | Core Paper 3 - Data Structures and Algorithms | 25UAI303 Core Paper 3 - Python Programming for Machine Learning from third semester shifted to first semester and introduced 26UAI303 Core Paper 3 - Data Structures and Algorithms in third semester. |
| III | 26UAI3CN | Core Practical 3 - Data Structures and Algorithms Lab | 25UAI3CN Core Practical 3 - Python Programming for Machine Learning from third semester shifted to first semester and introduced 26UAI3CN Core Practical 3 - Data Structures and Algorithms Lab in third semester. |

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| III | 26UAI3A3 | Allied Paper 3 – Fundamentals of Computer Architecture | 25UAI3A3 Allied Paper 3 – Distributed Operating System removed and introduced 26UAI3A3 Allied Paper 3 – Fundamentals of Computer Architecture in third semester. |
| IV | 26UAI404 | Core Paper 4 - Data Analytics and Visualization | Elective paper Data Analytics and Visualization shifted to fourth semester |
| IV | 26UAI4CO | Core Practical 4 - Data Analytics and Visualization Lab | 24UAI4CO Core Practical 4 - R Programming Lab removed from fourth semester and 25UAI5CQ Core Practical - 6 Data Analytics and Visualization Lab from fifth semester and shifted to fourth semester. |
| IV | 26UAI4A4 | Allied Paper 4 – Principles of Operating Systems and DBMS | 25UAI4A4 Allied Paper 4 – Design and Analysis of Algorithm removed from fourth semester and introduced 26UAI4A4 Allied Paper 4 – Principles of Operating Systems and DBMS in fourth semester. |
| V | 26UAI505 | Core Paper 5 - Machine Learning Techniques | Modified credit point as 5, with Internal marks as 20, External as 55 for the course 25UAI505 Core Paper 5 Machine Learning Techniques in fifth semester, syllabus modified entirely. |
| V | 26UAI5OP | Fundamentals of AI | One credit self-study course Introduced in fifth semester. |
| V | 26UAI506 | Core Paper 6 – Deep Learning | 25UAI506 Core Paper 6 – Introduction to Artificial Intelligence removed from fifth semester and shifted Deep Learning from elective. |
| V | 26UAI5CQ | Core Practical 6 - Business Analytics Lab | 25UAI5CQ Core Practical 6 - Data Analytics and Visualization Lab shifted from fifth semester to fourth semester and introduced 26UAI5CQ Core Practical 6 - Business Analytics Lab in fifth semester. |
| VI | 26UAI608 | Core Paper 8 - Full Stack Web Development | 25UAI608 Core Paper 8 – Block Chain Technology removed from sixth semester and 26UAI608 Core Paper 8 - Full Stack Web Development introduced. |

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|---|---|---|---|
| VI | 26UAI609 | Core Paper 9 – Advanced AI | 25UAI609 Core Paper 9 – Generative AI removed from sixth semester and introduced 26UAI609 Core Paper 9 – Advanced AI |
| VI | 26UAI5E1/ 26UAI6E2 | Elective: Business Analytics, Explainable AI, Networking and Security, Time Series Analysis, Human Computer Interaction | Elective: Open Source Systems, Digital Forensics, Virtual Reality, Artificial Intelligence in Cyber Security, Image and speech Processing, Database Management Systems, Foundations of Robotics removed from elective list and introduced Elective: Business Analytics, Explainable AI, Networking and Security, Time Series Analysis, Human Computer Interaction |

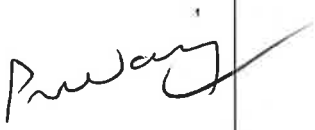
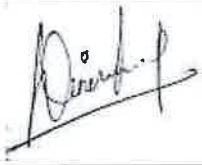
**Item 2:** To suggest the panel of names for appointment of examiners. The members of the Board of studies in Artificial Intelligence and Machine Learning resolved unanimously to authorise the chairperson Dr.G. Dona Rashmi to submit the list of examiner panel for Question paper setting, Evaluation and Practical examinations.

**Item 3:** Other academic activities in the department: The Members appreciated the content of the syllabus and choice of the courses that are provided to the students which shall enhance their skills and core domain knowledge. Integration of peer learning, blended learning, and flipped classroom pedagogy was discussed to enhance student engagement and promote collaborative and self-directed learning. Appropriate e-learning content relevant to each course shall be identified and included as reference material. This will support students in enhancing their understanding through additional digital learning resources. Objective Capacity Testing will be introduced as a component of Continuous Internal Assessment (CIA), replacing the existing assignment component to improve assessment effectiveness. The course nomenclature will be revised to B.Sc. Computer Science with Artificial Intelligence and Machine Learning (AIML) after getting approval from university (Applied). Also the members suggested to include the new edition of books to all the subjects.

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.

**Signature of the Board Members:**

| S.No | Name | Designation | Signature |
|---|---|---|---|
| 1. | Dr.G. Dona Rashmi<br>Chairperson | Assistant Professor & Head(I/C),<br>Department of AIML,<br>Kongunadu Arts and Science College,<br>Coimbatore - 641029. |  |
| 2. | Dr.S. Poongodi<br>University Nominee | Associate Professor<br>Department of Data Science<br>PSGR Krishnammal College for Women, Peelamedu,Coimabatore – 04<br>Mobile: 88704 59897 |  |
| 3. | Dr.Prashant R. Nair<br>Subject Expert | Professor and Head IQAC<br>School of Computing<br>Amrita Vishwa Vidyapeetham,<br>Coimbatore Campus, Amritanagar<br>Ettimadai, Coimbatore- 641112<br>Mobile: 9943984483 |  |
| 4. | Dr. A. Saravanan<br>Subject Expert | Department of Computing,<br>Coimbatore Institute of Technology,<br>Civil Aerodrome Post, Coimbatore,<br>Tamil Nadu, India – 641 014<br>Mobile: 7904425208 |  |
| 5. | M. Dinesh Paranthagan<br>Industry Personnel /Expert | Founder and CEO<br>Hackup Technology Private Ltd,<br>14 A, Sivandhapuram, Saravanampatti Post, Coimbatore.<br>Ph: 9626215976 |  |
| 6. | Ms.B. Jayavinuppa<br>Alumni | AMG INSIGHTS INNOVATIONS PVT LTD.<br>6/82/R, Edayarpalayam Main Road,<br>Pappampatty, Edayarpalayam,<br>Coimbatore, Coimbatore South, Tamil Nadu.<br>Phone: 93604 87579 | ABSENT |
| 7. | Dr.J. Gladju<br>Member | Assistant Professor,<br>Department of Artificial Intelligence and Machine Learning,<br>Kongunadu Arts and Science College,<br>Coimbatore - 641029. |  |
| 8. | Dr.N. Thamaraikannan<br>Member | Assistant Professor,<br>Department of Artificial Intelligence and Machine Learning,<br>Kongunadu Arts and Science College,<br>Coimbatore - 641029. |  |

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| 9. | Mr.B. Manimaran<br>Member | Assistant Professor,<br>Department of Artificial Intelligence and Machine Learning,<br>Kongunadu Arts and Science College,<br>Coimbatore - 641029. | |

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**Signature of the Chairman of the Board**

**Dr. G. DONA RASHMI**
**Assistant Professor & HOD (i/c)**
**Department of Artificial Intelligence and Machine Learning**
**Kongunadu Arts & Science College**
**Coimbatore.**

PRINCIPAL
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