Kongunadu Arts and Science College (Autonomous)
Coimbatore 641029

Department of Computer Science with Data Analytics

Minutes of the Board of Studies:

The Board of Studies meeting was held on 04/05/2024 (Online Mode). The Chairman welcomed and outlined the changes to be made in the following for the board approval.

Preamble:

The Chairman Dr. L. Kathirvelkumaran gave an introduction on the changes to be made in the syllabi for the students admitted in the academic year 2024 – 2025.

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing 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 2024 – 2025.

The members unanimously approved the proposed changes 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.

Item 1: 2024 full syllabus

Sem.	Subject code	Title of the paper	Changes made
I	24UDA101	Core Paper 1: Programming for Problem Solving using C	Nil
	24UDA1CL	Core Practical 1: Programming for Problem Solving using C Laboratory	Nil
II	24UDA202	Core Paper 2: Object Oriented Programming in C ++	Nil
	24UDA2CM	Core Practical 2: Object Oriented Programming in C ++ Laboratory	Nil
III	24UDA303	Core Paper 3: Object Oriented Programming in Java	Nil
	24UDA3CN	Core Practical 3: Object Oriented Programming in Java Laboratory	Nil
	24UDA3A3	Allied Paper 3 – Fundamentals of Data Analytics	Nil
	23UGC3S1	Skill Based subject 1- Cyber Security	Nil
IV	24UDA404	Core Paper 4: Python Programming	10%
	24UDA4CO	Core Practical 4: Python Programming Laboratory	Nil

	24UDA4A4	Allied Paper 4 – Design and Analysis of Algorithm	5%
	24UDA4SL	**Skill Based subject 2-** Web Design Laboratory	Nil
V	24UDA505	Core Paper 5- R Programming	Nil
	24UDA5CP	Core Practical 5- R Programming Laboratory	Nil
	24UDA506	Core Paper 6- Relational Database Management system	40%
	24UDA5CQ	Core Practical 6 – Relational Database Management System Laboratory	Nil
	-	EDC	Nil
	24UDA607	Core Paper 7: Artificial Intelligence and its Applications	Nil
	24UDA6CR	Core Practical 7: Artificial Intelligence and Machine Learning Laboratory	Nil
VI	24UDA608	Core Paper 8: Machine Learning	Nil
	24UDA6CS	Core Practical 8: Data Visualization	100%
	24UDA6Z1	Project*** ~	Nil
	24UBI6S3	Skill Based subject 3- Basics of IPR	100% - As passed in GBoS
	24UDA5E1/24UDA6E2	Major Elective I /II - Internet of Things	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Software Testing and Quality assurance	Nil
Major Elective	24UDA5E1/24UDA6E2	Major Elective I /II - Cloud Computing Fundamentals	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Digital Forensics	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Cloud Computing Fundamentals	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Digital Forensics	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Natural Language Processing	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Deep Learning	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Data Warehousing and Data Mining	Nil
	24UDA5E1/24UDA6E2	Major Elective I /II - Cryptography and Information Security	Nil

Item 2: Changes and Revisions made for 2024 batch.

Sem.	Subject Code	Title of the Paper	Changes Made
IV	24UDA404	Core paper 4: Python Programming	The following topics were introduced in the Unit – V. • Python Modules: NumPy – Pandas-SciPy-Django – Python Matplotlib
IV	24UDA4A4	Allied Paper 4 – Design and Analysis of Algorithm	The following topics were newly added in the Unit – II, III & IV • Medians, • Binary Tree Traversal, • Convex hull Problem, • Greedy Algorithm, • Horn Formulas, • Bubble sort • Selection sort • Hashing • Decision tree
V	24UDA506	Core Paper 6- Relational Database Management system	Course Merged and the selected topics from core paper 9: Database design and Management System(23UDA609) were combined with the core paper 6 - Core Paper 6- Relational Database Management system.
VI	24UDA6CS	Core practical 8: Data Visualization	Core paper 9: Database design and Management System(23UDA609) is replaced with Core practical 8: Data Visualization (24UDA6CS)
VI	24UDA6S3	Skill Based Subject 3 – Basics of IPR	Removed the paper Skill Based Subject 3 – Ethical Hacking(23UDA6S3) to accommodate Skill Based Subject 3 – Basics of IPR (24UDA6S3) passed in GBoS

Item 3: To suggest the panel of experts for question paper setting and panel of examiners. The members of the Board of studies in Computer Science with Data Analytics resolved unanimously to authorise the chairperson Dr. L. Kathirvelkumaran to submit the list of examiner panel for Question paper setting, Evaluation and Practical examinations.

Item 4: Other academic activities in the Department. The Members appreciated the content of the syllabus and choice of the course that are provided to the students which enhance their skills and

core domain knowledge also the members asked to include the new edition of books to all the subjects.

Signature of the Board Members:

S.No	Name	Designation	Signature
1.	Dr. L.Kathirvelkumaran Chairperson	Assistant Professor & Head, Department of CS with DA, Kongunadu Arts and Science College, Coimbatore - 641029.	*(signed)* 04/05/2024
2.	Dr. R. Vadivel University Nominee	Associate Professor, Department of Information Technology, School of Computer Science and Engineering, Bharathiar University Coimbatore – 638108.	*(signed)* 04/05/2024
3.	Dr. A. Saravanan Subject Expert	Associate Professor, Department of Computing, Coimbatore Institute of Technology, Coimbatore.	*(signed)*
4.	Prof. Prashant R.Nair Subject Expert	Vice Chairman, IQAC Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore - 641112.	*(signed)*
5.	Mr. Dinesh Paranthagan Industry Personnel	Founder and CEO, Hackup Technology Private Ltd, 14 A,Sivandhapuram, Saravanampatti post,Coimbatore	*(signed)*
6.	Mrs. B. Praveena Member	Assistant Professor, Department of CS with DA, Kongunadu Arts and Science College, Coimbatore - 641029.	*(signed)*
7.	Dr. S. Narmadha Member	Assistant Professor, Department of CS with DA, Kongunadu Arts and Science College, Coimbatore - 641029.	*(signed)*
8.	Mrs. P. Sumitha Member	Assistant Professor, Department of CS with DA, Kongunadu Arts and Science College, Coimbatore - 641029.	*(signed)*
9.	Mrs.R. Vanitha Member	Assistant Professor, Department of CS with DA, Kongunadu Arts and Science College, Coimbatore - 641029.	*(signed)*

(signed) 04/05/2024.
Signature of the Chairman of the Board

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