KONGUNADU ARTS AND SCIENCE COLLEGE[Autonomous]
COIMBATORE - 641 029.

CERTIFICATE PROGRAMME IN ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

CURRICULUM & SCHEME OF EXAMINATION

Durtion: (Six Months)

[APPLICABLE TO THE STUDENTS ADMITTED DURING THE ACADEMIC YEAR 2025 - 2026 & ONWARDS]

	Subject code	Title of the Paper	Instruction Hours/Cycle	Exam.Marks			Duration of Exam(hrs)	Credits
				CIA	ESE	Total		
Semester	25CAI101	Core Paper 1 - Python with Data Science	3	25	75	100	3	2
	25CAI102	Core Paper 2 - Artificial Intelligence and Machine Learning	3	25	75	100	3	2
	25CAI1CL	Core Practical 1 – Python With Data Science Lab	3	40	60	100	3	2
	25CAI1CM	Core Practical 2 – Artificial Intelligence and Machine Learning Lab	3	40	60	100	3	2
		Total	**12**	**-**	**-**	**400**	**-**	**8**

Part-wise Total Marks:

SUBJECT	MARKS	TOTALCREDITS
Core Theory	200	4
Core Practical	200	4

CIA–Continuous Internal Assessment

ESE–End –of- Semester Examination

Internal 25 marks applicable for theory subjects and 40 marks for Practical subjects.

Components of Continuous Internal Assessment (50 Marks)

Components		Marks	Total
Theory			
CIAI	75	(75+75) Convertedto15	25
CIA II	75		
Assignment/Seminar		5	
Attendance		5	
Practical			
CIA Practical		25	40
Observation Notebook		10	
Attendance		5	

* Class Participation, Case Studies Presentation, Field Work, Field Survey, Group Discussion, Term Paper, Workshop/Conference Participation. Presentation of Papers in Conferences, Quiz, Report/Content writing. Etc.

**Two Assignments to be given. (Each 5 marks)

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BLOOM'S TAXONOMY BASED ASSESSMENT PATTERN

K1-Remembering; **K2**-Understanding; **K3**-Applying; **K4**-Analyzing; **K5**-Evaluating

1. ESE Theory Examination:

(i)   CIA I & II and ESE: 75 Marks

Knowledge Level	Section	Marks	Description	Total
K1 Q1 to 10	A (Answer all)	10 x 1 = 10	MCQ	75
K1 – K5 Q11 to 15	B (Either or pattern)	5 x 5 = 25	Short Answers	
K2 – K5 Q16 to 20	C (Either or pattern)	5 x 8 = 40	Descriptive / Detailed	

2. ESE Practical Examination:

Knowledge Level	Section	Marks	Total
K3	Experiments	50	60
K4		10	
K5	Record Work		