KONGUNADU ARTS AND SCIENCE COLLEGE (AUTONOMOUS)

COIMBATORE – 641029

DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

Date: 25/04/2023

The Board of studies Meeting in the Department of Artificial Intelligence And Machine Learning is scheduled on 28/04/2023 at 10.00am. I kindly request you to participate and share your valuable suggestions.

Agenda:

1. To consider Revision in the Curriculum, Scheme of Examination and Syllabi of UG/Certificate/Diploma course and approval.

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

3. Other Academic activities in the department

4. Any other

25/04/23

Chairperson
Dr.L.KATHIRVELKUMARAN
MCA., M.Phil., Ph.D.,
Assistant Professor and Head
Dept. of Artificial Intelligence & Machine Learning
Kongunadu Arts and Science College
G.N. Mills Post, Coimbatore - 641 029

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 28/04/2023. 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 revisions and inclusions made in the syllabi for the students admitted in the academic year 2021 – 2022 and 2022-2023. He informed that it is necessary to follow the Scheme of Examination as per the regulations of the UGC and TANSCHE. Since, the model syllabi has not been provided by TANSCHE, we propose to modify the existing syllabi and implement the same with the structure as recommended by TANSCHE.

As per the suggestions and recommendations given by the various Stakeholders on the above items discussed, the existing/revised 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 2023 – 2024.

The members unanimously approved the proposed changes/modifications 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:

To adopt the TANSCHE prepared Curriculum, Scheme of Examination and Syllabi of UG programmes with changes/modifications as per the freedom given by TANSCHE for the students to be admitted from the academic year 2023-2024 and onwards.

Sem.	Subject code	Title of the paper	Changes made
I	23UAI101	Core Paper 1 – Programming in C	New Syllabi
	23UAI1CL	Core Practical 1 – Programming in C Lab	New Syllabi
	23UAI1F1	FC – Fundamentals of Artificial Intelligence and Machine Learning	New Syllabi
II	23UAI202	Core Paper 2 – Java Programming	New Syllabi
	23UAI2CM	Core Practical 2 - Java Programming Lab	New Syllabi
	23UAI2S3	SEC 3 – Naan Mudhalvan Skill Course	New Syllabi
III	23UAI303	Core Paper 3 – Python Programming	New Syllabi
	23UAI3CN	Core Practical 3 – Python Programming Lab	New Syllabi
	23UGC3S4	SEC 4 - Cyber Security	New Syllabi
	23UAI3S5	SEC 5 – SPSS and Advanced Lab	New Syllabi
IV	23UAI404	Core Paper 4 – Relational Database Management	New Syllabi

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·	23UAI4CO	Core Practical 4 – Relational Database Management System Lab		New Syllabi
	23UAI4S6	SEC 6 – Naan Mudhalvan Skill Course		New Syllabi
		SEC 7 – EDC		New Syllabi
V	23UAI505	Core Paper 5 –R Programming		New Syllabi
	23UAI5CP	Core Practical 5 – R Programming Lab		New Syllabi
	23UAI506	Core Paper 6– Machine Learning		New Syllabi
	23UAI5E1	Major Elective 1 -		New Syllabi
	23UAI5E2	Major Elective 2 -		New Syllabi
	23UAI5Z1	Project		New Syllabi
	23UAI5IT	Internship Training		New Syllabi
VI	23UAI607	Core Paper 7 – Natural Language Processing		New Syllabi
	23UAI6CQ	Core Practical 6- Natural Language Processing Lab		New Syllabi
	23UAI608	Core Paper 8 – Deep Learning		New Syllabi
	23UAI6E3	Major Elective 3 -		New Syllabi
	23UAI6E4	Major Elective 4 - Naan Mudhalvan Skill Course		New Syllabi
	23UAI6S8	SEC 8 – Core Professional Competency Skill (Online)		New Syllabi
Major Elective	23UAI5E1/ 23UAI5E2/ 23UAI6E3	1. Artificial Intelligence and Knowledge Representation 2. Design and Analysis of Algorithms 3. Data Mining and Warehousing 4. Principles of Robotics 5. Fuzzy Logic and Neural Network 6. Ethical Hacking 7. Block Chain Technology 8. Digital Forensics.		New Syllabi
	EDC	Mobile Application Development		New Syllabi

Item 2:
To include the Naan Mudhalvan Skill courses in the syllabi of all UG degree programmes for the students admitted during the Academic years 2021-2022 (VI semester), 2022-2023 (IV and VI semester) & 2023-2024 (II, IV and VI semester).

- The students admitted during the Academic years 2021-2022 (Naan Mudhalvan Skill) Course is introduced as per the G.O. Its Replaced with the Skill based Subject 3 in the 6th Semester.
- The students admitted during the Academic years 2022-2023 (Naan Mudhalvan Skill) Course are introduced as per the G.O. Its Replaced with the Skill based Subject 2 in the 4th Semester and the Skill based Subject 3 in the 6th Semester.
- The students admitted during the Academic years 2023-2024 (Naan Mudhalvan Skill) Course are introduced as per the G.O.

Item 3:

To ratify the credits previously assigned as mandatory for the SWAYAM/MOOCs courses for those students who have admitted during the academic year 2021-2022 and to consider the same as extra credits for those students passed earlier. To approve the same for the students admitted during the academic year 2022-2023.

- As per the G.O. No: 189 Dated: 23.09.2022 of Higher Education Department Govt of Tamilnadu and communication letter B/B3 and B4/Tamil Language/19044/2022 dated 12.10.2022 received from the Bharathiar University, it was recommended to Part I Language III and Language IV courses are introduced in the Third Semester and Fourth Semesters respectively from 2022-2023 batch. Hence to accommodate this inclusion, core and allied papers are adjusted and combined accordingly as per the changes mentioned below:

Sem.	Subject Code	Title of the Paper	Changes Made
III	22UAI304	Core Paper 4 – Design Thinking	Shifted to Major Elective paper
III	22UAI3A3	Allied Paper 3 – Data Mining and Warehousing	Reduced Instructional 6 hours to 5 hours
IV	22UAI408	Core Paper 7- Deep Learning	Shifting from IV Semester to V Semester and Increased Instructional 6 hours instead of 5 hours
IV	22UAI4A4	Allied Paper 4 – Big Data Analytics	Reduced Instructional 6 hours to 5 hours
V	22UAI511	Core Paper 11- Image and Speech Processing	Shifted to Core Paper 12 in the VI Semester and Reduced Instructional 6 hours to 4 hours
V	22UAI5SP	Aptitude and Logical Reasoning	22UAI5SP Removed and Replaced with 22UAI5IT – Internship Training
VI	22UAI612	Core Paper 13- Block Chain Technology	Shifted to Major Elective paper

- Swayam- MOOC Credit Two Points already allotted previously is revamped to the core paper

Sem.	Subject code	Title of the paper	Changes made
V	21UAI5CS	Core Practical 8 – Machine Learning Lab	Increased Credit Point from 2 to 3
VI	21UAI611	Core Paper 11 – Natural Language Processing	Increased Credit Point from 5 to 6
IV	22UAI509	Core Paper 7- Machine Learning Techniques	Increased Credit Point from 4 to 5
IV	22UAI6CQ	Core Practical 6- Natural Language Processing Lab	Increased Credit Point from 2 to 3

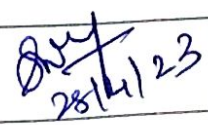| Sem.	Subject code	Title of the paper	Changes made
V	21UAI5SP	Aptitude and Logical Reasoning	21UAI5SP Removed and Replaced with 21UAI5IT – Internship Training

Item 4: To suggest the panel of experts for question paper setting and panel of examiners.

The members of the Board of studies in Artificial Intelligence and Machine Learning 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 5: Other academic activities in the Department.

The Members unanimously appreciated the content of the syllabus and choice of the paper that are provided to the students.

Signature of the Board Members:

S.No	Name	Designation	Signature
1.	Dr. L.Kathirvelkumaran Chairperson	Assistant Professor & Head, Department of Artificial Intelligence & Machine Learning and CS with DA Kongunadu Arts and Science College, Coimbatore - 641029.	L.onm 28/04/23
2.	Dr. K. Jayanthi University Nominee	Assistant Professor & Head, Department of Computer Science, Government Arts and Science College, Kangayam – 638108.	28/4/23
3.	Dr. K. Vignesh Subject Expert	Assistant Professor, Department of Management Studies, Kumaraguru College of Technology, Coimbatore - 641049.	28.04.23
4.	Dr. N. Radhika Subject Expert	Professor, Department of Computer Science and Engineering, Amrita Vishwa Vidyapeetham, Ettimadai, Coimbatore - 641112.	28/4/23
5.	Mr.Venkatranga Gupta Industry Personnel	Managing Director, Deepsphere AI, No – 38,Mahatma Gandhi Road, VGN -Phase 4,Nolambur,Chennai- 600095	ABSENT
6.	Dr. S. Narmadha Member	Assistant Professor , Department of AI&ML	28/4/23

		Kongunadu Arts and Science College, Coimbatore - 641029.	
7.	Dr. S. Nithya Member	Assistant Professor , Department of AI&ML Kongunadu Arts and Science College, Coimbatore - 641029.	28/4/23
8.	Mrs. B. Praveena Member	Assistant Professor , Department of AI&ML Kongunadu Arts and Science College, Coimbatore - 641029.	28/4/23
9.	Mrs. P. Sumitha Member	Assistant Professor , Department of AI&ML Kongunadu Arts and Science College, Coimbatore - 641029.	P. 28/4/23

28/4/23

Signature of the Chairman of the Board

28/04/23.

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