Department of CSE
Govt. College of Engineering & Ceramic Technology, Kolkata

Minutes and action taken report of the 20th BOS meeting of CSE Dept. held on 03/05/23 at the GCECT seminar room (3rd Floor Main Building) at 1 PM.

Members present in the meeting

External expert members-

1. Prof.(Dr.) Mita Nasipuri, Dept. of CSE, Jadavpur University
2. Prof.(Dr.) Nabendu Chaki, Dept. of CSE, University of Calcutta

Internal Members-

1. Dr. Kalpana Saha, Assistant professor & HOD, CSE Dept., GCECT, Kol-10
2. Prof.(Dr.) Mausumi Maitra, HOD IT Dept. GCECT, Kol-10
3. Mr. Bimal Pal, Assistant professor, CSE Dept., GCECT, Kol-10
4. Mr. Ranjit Kumar Mondal, Assistant professor, CSE Dept., GCECT, Kol-10
5. Dr. Kinsuk Chatterjee, Assistant professor, CSE Dept., GCECT, Kol-10
6. Dr. Partha Ghosh, Assistant professor, CSE Dept., GCECT, Kol-10
7. Dr. Soumit Chowdhury, Assistant professor, CSE Dept., GCECT, Kol-10
8. Mr. Biswarup Das, SACT, CSE Dept., GCECT, Kol-10
9. Smt. Rima Bhoumik, SACT, CSE Dept., GCECT, Kol-10
10. Smt. Amrita Biswas, SACT, CSE Dept., GCECT, Kol-10
11. Smt. Sucharita Mondal, SACT, CSE Dept., GCECT, Kol-10
12. Mr. Firoz Mahamud (invitee), SACT, CSE Dept., GCECT, Kol-10
13. Smt. Sonali Sorkar (invitee), SACT, CSE Dept., GCECT, Kol-10

Agenda	Minutes Recorded	Action taken report
1. Confirmation of the minutes of 19th BOS meeting of CSE Dept.	The minutes of the 19th BOS meeting was placed and it was unanimously approved by the all the members	No specific area to be mentioned
2. Discussion on proposed M.Tech CSE (AI & ML specialization) course structure	The proposed course structure of M.Tech CSE (AI & ML specialization) was placed before the external board members for their valuable feedback and subsequent approval. Detail discussions were held in this regard and the following suggestions of the external board members were actually noted 1. The "Object Oriented Design and Modelling (OODM)" paper of 1st sem and the Distributed Database (DDB)" paper of 3rd sem should be mutually swapped i.e OODM should be included in the 3rd sem while DDB should be included in the 1st sem in their respective elective groups. 2. The "Deep Learning with Computer Vision(DLCV)" paper of 2nd sem and the Natural Language Processing (NLP)" paper of 3rd sem should be mutually swapped i.e DLCV should be included in the 2nd sem while NLP should be included in the 3rd sem in their respective elective groups	These modifications were accommodated in the proposed course structure of M.Tech CSE (AI & ML specialization) and this modified structure as mentioned below will be placed to the academic council for necessary approval.
3. Discussion on detail syllabus of proposed M.Tech CSE (AI & ML specialization) course structure	It was unanimously decided that the concern departmental faculties will prepare the detail syllabus of their respective allotted papers in the standard format of GCECT and all these syllabuses will be send to the external BOS members for their feedback/approval.	HOD, CSE communicated all the drafted detail syllabus to the external BOS members for their feedback/approval and these are in the process of academic council approval.

M.Tech in CSE (AI and ML) Course Curriculum (Modified)
(Total Credit=18+18+18+16=70)

1ST SEM							
THEORY							
SL. NO.	PAPER CODE	PAPER NAME	L	T	P	CONTACT HRS./WEEK	CREDIT
01	AIMLPC101	Mathematical Foundation of Computer Science	3	0	0	3	3
02	AIMLPC102	Advances in Data Structure	3	0	0	3	3
03	AIMLPC103	Research Methodology and	3	0	0	3	3
05	AIMLPC104	UHV Audit paper	3	0	0	3	0
06	AIMLOEC101	A. Artificial Intelligence **B. Distributed Database**	3	0	0	3	3
		A. Machine Learning B. Data Science	3	0	0	3	3
PRACTICAL							
01	AIMLPCL101	Advances in Data Structure	0	0	3	2	1.5
02	AIMLPCL102	Machine Learning/ Data Science	0	0	3	2	1.5
		Total	18	0	6	22	18

2nd SEM							
THEORY							
SL. NO.	PAPER CODE	PAPER NAME	L	T	P	CONTACT HRS./WEEK	CREDIT
01	AIMLPC205	Advances in Algorithms	3	0	0	3	3
02	AIMLPC206	Soft Computing	3	0	0	3	3
03	AIMLPEC201	Constitution of India Audit Paper(Sessional)	3	0	0	3	0
04	AIMLPEC202	**A. Deep Learning with Computer Vision** B. Information Security	3	0	0	3	3
05	AIMLOEC202	A. Deep Learning Big data Analysis	3	0	0	3	3
PRACTICAL							
01	AIMLPCL203	Advances in Algorithms	0	0	3	3	1.5
02	AIMLPCL204	A. Deep Learning B. Big data Analysis	0	0	3	3	1.5
02	AIMLPCL205	Assignment/seminar	0	0	6	6	3
		Total	15	0	10	27	18

3rd SEM							
THEORY							
SL. NO.	PAPER CODE	PAPER NAME	L	T	P	CONTACT HRS./WEEK	CREDIT
01	AIMLPEC303	A. Robotics **B. Natural Language Processing**	3	0	0	3	3
02	AIMLPEC304	A. Internet of Things **B. Object Oriented Design and modeling**	3	0	0	3	3
PRACTICAL							
01	AIMLPCL306	Dissertation	0	0	24	24	12
		Total	6	0	20	26	18

4Th SEM							
SL. NO.	PAPER CODE	PAPER NAME	L	T	P	CONTACT HRS./WEEK	CREDIT
PRACTICAL							
01	AIMLPCL407	Dissertation	0	0	30	30	15
SESSIONAL							
02	AIMLPCL408	Comprehensive Viva-Voce	0	0	0	0	1
		Total	0	0	30	30	16

Meeting ended with vote of thanks by HOD CSE.