DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING
Choice Based Credit Grading Scheme [CBCGS]
Under TCET Autonomy
University of Mumbai

T.T. Semester-VI/ B.Tech.Artificial Intelligence and Machine Learning
Choice Based Credit Grading Scheme with Holistic and Multidisciplinary Education - (CBCGS-HME 2020)
TCET Autonomy Scheme (w.e.f. A.Y. 2021-22)
BATCH: (2020-2024)

Course Description			Teaching Scheme (Program Specific)					Examination Scheme (Academic)					
			Mode of Teaching /Learning/Weightage					Modes of Continuous Assessment/Evaluation					
								Theory (100/50)			Practical/ Oral/Presentation (25)	Term Work (25)	Total
Sr. No.	Course Code	Course Title	Hours Per Week				Credits	40/20		60/30			
								IA					
			Theory	Tutorial	Practical	Contact Hours		ISE	IE	ESE	PR/OR	TW	
	HSMC-AIML601	Finance Accounting Management	3	-	-	3	3	20	20	60	-	-	100
	PCC- AIML601	Advanced Artificial Intelligence	3	-	2	5	4	20	20	60	25	25	150
	PCC -AIML602	Fuzzy Systems and Neural Networks	3	1	2	6	5	20	20	60	25	25	150
	PEC- AIML601X	Professional Elective II	3	-	2@	5	4	20	20	60	25	25	150
	OEC-AIML601X	Open Elective-I	3	-	-	3	3	20	20	60	-	-	100
		Total	15	01	06	22	19	Total Marks (Academic)					650

Course Description			Non-Credited Mandatory Course (Passing is mandatory for this course)							Term Work		
1	MC-AIML601	Essence of Indian Tradition Knowledge	1	-	-	1	(Non-Credit)		-		25	25

Course Description			Contact Hrs. during Weekend / Semester Break/ End of Semester (Between 21st and 25th Week)							Non-Grant Term Work based on the Presentation and Report		
1	SI-AIML601	Summer Internship	-	-	-	160* - 240*	4*- 6*	-		-		50	50

Course Description			Contact Hrs. during Weekend / Semester Break/ End of Semester (Between 21st and 25th Week)/During Semester									
1	AP-AIML601	Activity Points	-	-	-	52#	-	-		-		-	-

Course Description			Teaching scheme (Holistic and Multidisciplinary Education - HME) (Conducted in the beginning of Semester during first 3 Weeks)					Assessment/Evaluation Scheme				Term Work
								Presentation		Report		
								AC		AC		
	ESD-AIML601	Employability Skill Development-IV	-	-	30	30	1	Based on Parameters Decided by Training and Placement Cell				50
	HME –AIMLPS601	Professional Skills VI (Tensorflow)	15	-	30	45	2	50		25		75
	HME- AIMLPBL601	Project Based Learning IV	-	-	30	30	1	25		-		25
	HME- AIMLRBL601	Research Based Learning II	-	-	30	30	1	25		25		50
		Total	15	-	120	135	5	Total marks (HME)				200
		Total					28	Grand Total marks:				925

Professional Elective II		Open Elective I	
Subject Code	Name	Subject Code	Name
PEC-AIML6011	Advanced Internet Programming	OEC-AIML6011	Digital Marketing
PEC-AIML6012	Big data analytics	OEC-AIML6012	Robotic Process Automation
PEC-AIML6013	Information Security	OEC-AIML6013	Entrepreneurship Development and Management
PEC-AIML6014	Computer Vision		

Academic practical load shall be conducted in batches.

IA – In-Semester Assessment, ESE – End Semester Examination and under IA, 20 marks of ISE (In-Semester Examination) will be conducted for 1 hour and 20 marks of IE (Innovative Examination) whereas, 60 marks of ESE will be conducted for 2 hours. Out of 3 IA, best 2 will be considered.
Professional Skills-VI and Project Based Learning-IV activities will run in the form of integrated theory and practical course.
@-Professional Elective Courses Lab will be conducted in the form of Capstone Project

 * This are minimum credits which students should acquire as part of summer internship. Students may go up to 240 hrs. to acquire maximum 6 credits.

   Following activities should be considered for Summer Internship: -

1) Participation in inhouse internship at the end of 5th and 6th semester of 2 week each.
2)Other activity which also will be considered are: Participation in Hackathon, Development of new Product/ Business Plan / Registration of start-up, Participation in IPR workshop/Leadership talks/Idea/ Design / Innovation/Technical Expos, Internship with Industry / Govt. / NGO/ PSU/MSME/Online Internship, Long Term Goals under Rural Internship.

Note: - In Above Activities mentioned in point 2, if Student is part of Organizing Committee, then it will be considered as Internship else it will be considered as Activity Points.

Students should collectively acquire total contact hrs in above activities in a span of 1 year. Student will submit a report to earn Term work marks in internship.

As per AICTE, Students has to earn 100 Points by participating in 400 Hrs. of activities during 4 years of Engineering. After Completing 52 hrs. of Activities, Students can earn 12 Points. This Points will not be reflected in Grade Card. Separate transcript will be issued to students after completion of Final Year.