



1.2.1 New Courses Introduced Department of CSE-AI&ML

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Department of Computer Science and Engineering, GMRIT| AI&ML-Curriculum | Regulation 2021

Department of CSE-AI&ML AR21 Curriculum 2rd Year

No	Course Code	Course Name	POs	L	Т	Р	С
Th	ird Semester		·		•		
1	21MA304	Probability and Statistics using Python	1,4, 12	3	-	2	4
2	21ML302	Artificial Intelligence	1,2,3	3	-	-	3
3	21CS303	Data Structures	1,2,12	3	-	-	3
4	21CS304	Digital Logic Design	1, 4	3	-	2	4
5	21DS305	Mathematical Foundation for Computer Science and Data Science	1,12,PS01	3	-	-	3
6	21CS306	Object Oriented Programming with JAVA	1,2,3	3	-	-	3
7	21CS307	Data Structures Lab	2,3,4,5	-	-	3	1.5
8	21CS308	JAVA Lab	2,3,4,5	-	-	3	1.5
9	21BEA01	Environmental Studies	1,7	-	-	-	-
10	21ESX01	Employability Skills I	1,2,5,8,10, 12	0	-	2	-
11	21HSX11	CC & EC Activities I	6,7, 9,10	-	-	1	-
			Total	18	-	13	23
Fo	urth Semester						
1	21IT304	Database Management Systems	1,4,12	3	-		3
2	21IT403	Operating Systems	1,12	3	-	-	3
3	21CS403	Computer Organization and Architecture	1,12	3	-		3
4	21CS404	0,00	2,3	3	-	2	4
5	21ML405	Foundations of Machine learning	2, 3, PSO1, PSO2	3	-	-	3
6	21IT308	Database Management Systems Lab	4	-	-	3	1.5
7	21ML407	Foundations of Machine learning Lab	<mark>4,5,8</mark>	-	-	3	1.5
8	21ESX01	Employability Skills I	1,2,5,8,10, 12	0	-	2	2
9	21HSX11	CC & EC Activities I	6,7, 9,10	-	-	1	1
			Total	15	-	11	22

Comment [s1]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s2]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s3]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s4]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s5]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s6]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s7]: 1st BOS of CSE-AI&ML dated 20-06-2022

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Comment [s9]: 1st BOS of CSE-AI&ML dated 20-06-2022

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Comment [s16]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s17]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s18]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s19]: 1st BOS of CSE-AI&ML dated 20-06-2022

Comment [s20]: 1st BOS of CSE-AI&ML dated 20-06-2022

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Department of Computer Science & Engineering Specialization in CSE- Artificial Intelligence & Machine Learning (CSE- AIML)

1st BOS - MINUTES OF MEET

Person in Chair: Dr A Venkata Ramana, HoD CSE, GMRIT

Dated: 20.06.2022 (Monday)

Venue: Online Teams

Time(s): 03.00 PM TO 4.30 PM

S.No	Points Discussed	Remarks
1	Agenda: > > Review of the Curriculum and Course Titles of AR21 Academic Regulation. > Review of Titles and Syllabus of 3rd and 4th Semester Curriculum under AR2. > Finalization of Course Titles of Electives under Academic Regulations 2021. > Review of B.Tech Honors & Minors. > Any Other Item • Preamble and the context is set for the 1st BOS Meeting by the Principal Dr CLVRSV Prasad requesting the	
2	 Academia/ Alumni and Industry to suggest in designing the best, distinct-industry driven curriculum for the specialization course CSE-AIML. HOD CSE welcomed all the Experts of Academia / Industry and Alumni for todays 1st-BOS Meet by throwing some glimpse on the AR21 Course Structure, Career Paths and 3rd & 4th Sem Syllabus. 	
	 a) External BOS Members suggested to have syllabus only upto 2nd Year in advance for BOS meetings, as these specializations are emerging trends and need revision on timely basis. b) Suggested to add the concern POs and PSOs applicable for the core courses of the stream. c) Suggested to have No Subjects in 8th Semester as per JNTUK Norms. d) Suggested to have Seminar/ Project/ Internship in the 8th Semester e) Suggested not to have any courses under MOOCs, except from Swayam/ NPTEL Platform, not exceeding more than 6 Credits. f) Suggested to add a mandate course in the Curriculum, i.e., Universal Human Values II- 3 Credit Course. (

3	III rd Semester Subjects:	
	a) Foundations of AI & ML:	Syllabus is Good an
	Revise the Subject Name from Foundations of AI & ML to Fundamentals of AI & ML. b) Statistical Analysis using Python	Fine.
	b) Statistical Analysis using Python	
	c) Data Structures	
	d) Digital Logic Design	
	e) Object Oriented through Java	
	Mathematical Foundation for Computer Science:	
	towards linear algebra, matrix theory and Calculus former algebra.	Suggested for a revision.
4	IVth Semester Subjects:	Tevision.
	a) Data Visualization for Machine Learning	Need Revision
	Suggested to add 3D Surface Visualization Concerts	recurrection in
	b) Data Visualization for Machine Learning Lab	
	• Suggested to add two or three experiments related to 2D c	
	 Suggested to add two or three experiments related to 3D Surfaces in Lab Component. Suggested to use PEP tool for Python 	
	Suggested to work on the Guidelines provided by the Laboration of the State of	
	 Suggested to add programs for Code Correction and Collision of Code Correction 	
	Source.	
	Wth Semester Subjects:	
	Database Management Systems	Syllabus is Good and
	Operating Systems	Fine.
	Computer Architecture and Organization	
	 Design and Analysis of Algorithms 	
-	other items Discussed:	
	 a) Observed 30% of Changes from CSE Curriculum w.r.t CSE-AIML Curriculum b) External BOS Members informed to a dddd and a dddd and a dddd and a dddd and a dddd a ddd a dddd a ddd a ddd a dddd a ddd a dd a ddd a dd a dd	
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	 b) External BOS Members informed to add Math and Statistical Components as much as possible. c) Thoroughly check the Credit Balancing Component as suggested by AICTE(in LTPC structure). d) Credit is completely based on Weekly Contact Hours. Tutarials. 	
	 d) Credit is completely based on Weekly Contact Hours. Tutorials also should carry credit, if included in the Course Structure. 	
	Course Structure.	
	e) Display of all the career path courses as people de la la la	
	https://docs.google.com/viewer?a=v?a=v?a=v?a=v?a=v?a=v?a=v?a=v?a=v?a=v	
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Dr.V.Prasad

Board Chairman-HOD-CSE