



GURU JAMBHESHWAR UNIVERSITY OF SCIENCE & TECHNOLOGY, HISAR
(Established by State Legislature Act 17 of 1995)
A+ Grade, NAAC Accredited State Govt. University

D'AcadSch & Syllabi (2024)/Faculty of Engg. and Tech.



Acad./AC-III/BOS&R-6/2025/ 4506

Dated: 01/8/25

To

The Controller of Examinations
GJUST, Hisar.

Sub: Approval of revised scheme of examinations of B.Tech. CSE (Artificial Intelligence and Machine Learning) – 8th semester for the batch 2021 onwards being run in University Teaching Department.

Sir,

I am directed to inform you that the Vice-Chancellor, on the recommendations of Dean, Faculty of Engineering & Technology on dated 17.07.2025 and recommendations of the committee in its meeting held on 09.04.2025, is pleased to approve the revised scheme of examinations of B.Tech. CSE (Artificial Intelligence and Machine Learning) – 8th semester for the batch 2021 onwards being run in University Teaching Department, under Section 11(5) of the University Act, 1995 in anticipation of approval of the Academic Council.

A copy of the scheme of examinations and syllabi of above said course is enclosed herewith. You are therefore, requested to take further necessary action accordingly.

Yours faithfully

DA: As above

Assistant Registrar (Academic)
for Registrar

Endst. No. Acad./AC-III/BOS&R-6/2025/ 4507-4510 Dated: 01/8/25

A copy of the above is forwarded to the following for information and necessary action:-

1. Dean, Faculty of Engineering & Technology, GJUST, Hisar.
2. ✓ Chairperson, Department of Computer Science & Engineering, GJUST, Hisar. He is requested to get upload the revised scheme of examinations of B.Tech. CSE (Artificial Intelligence and Machine Learning) – 8th semester for the batch 2021 onwards being run in University Teaching Department, on the website of the University.
3. OSD to Vice-Chancellor (for kind information of the Vice-Chancellor), GJUST, Hisar.
4. P.A. to Registrar (for kind information of the Registrar), GJUST, Hisar.

Assistant Registrar (Academic)

05/8/25
CSE / DR (Security) / DR (Results)
Dr. Ashwani (to upload on University website)
A-I

SEMESTER VIII

Sr. No.	Course Codes	Nomenclature of the Courses	Hours per week			Credits	Internal	External
			L	T	P			
1.	PCC-CSEAI403-T	Big Data Analytics	3	0	0	3	30	70
2.	PEC-CSEAI411-T to PEC-CSEAI415-T	Professional Elective Course to be opted by students	3	0	0	3	30	70
3.	PEC-CSE416-T to PEC-CSE420-T	Professional Elective Course to be opted by students	3	0	0	3	30	70
4.	PCC-CSEAI403-P	Big Data Analytics Lab	0	0	4	2	50	50
5.	PROJ-CSEAI402	*Major Project Part II	0	0	8	4	50	50
Total Credit						15		

OR

Sr. No.	Course Codes	Nomenclature of the Courses	Hours per week			Credits	Internal	External
			L	T	P			
1.	INT-CSEAI-402	Industry Internship/Training	-	-	-	9	30% Industry Mentor (90) + 30% Faculty Mentor(90)	40% External by Department (120)
2.		Industry Training with any 2 Program Electives from the above list	-	-	-	3+3	30 + 30	70 + 70
Total Credit						15		

*Major Project Part II will be evaluated by internal examiner and external examiner appointed by Chairperson and COE respectively.

List of Electives IV

1. PEC-CSEAI411-T: Introduction to Robotics: Process and Automation
2. PEC-CSEAI412-T/ PEC-CSE417-T/ PEC-IT406-T: Digital Forensics
3. PEC-CSEAI413-T: Social Network Analysis
4. PEC-CSEAI414-T: Computer Vision
5. PEC-CSEAI415-T: Pattern Recognition
6. Any one of the MOOC not studied earlier and of equal credits (3)

List of Electives V

1. PEC-CSEAI416-T: Quantum Computing
2. PEC-CSEAI417-T: Optimization Methods
3. PEC-CSEAI418-T: Blockchain Technology
4. PEC-CSEAI419-T: Introduction to Augmented and Virtual Reality
5. PEC-CSEAI420-T: Federated Learning
6. Any one of the MOOC not studied earlier and of equal credits (3)