



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



Acad./AC-III/BOS&R-6/2024/ 3408
Dated: 04/7/24

To

The Controller of Examinations
GJUST, Hisar.

Sub: Approval of minor revision in the scheme of examination of M.Tech. (Computer Science & Engineering) – 1st & 2nd semester along with the Audit Courses being run in University Teaching Department w.e.f. July, 2023-24.

Sir,

In continuation to this office letter no. Acad./AC-III/Fac.-1/2023/5255-57 dated 08.09.2023 on the subject cited above.

I am directed to inform you that the Vice-Chancellor, on the recommendations of Dean Academic Affairs and Chairperson concerned is pleased to approve the revised scheme of examinations and syllabi of M.Tech. (Computer Science & Engineering) - 1st & 2nd semester along with the Audit Courses being run in University Teaching Department w.e.f. July, 2023-24.

A copy of the revised scheme of examinations & syllabi of above said programme is enclosed herewith.

You are therefore, requested to take further necessary action accordingly.

Yours faithfully

DA: As above

Aaurin
4/7/24
Assistant Registrar (Academic)
for Registrar

Endst. No. Acad./AC-III/BOS&R-18/2024/ 3409-10 Dated: 04/7/24

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, Deptt. of Computer Science & Engineering, GJUST, Hisar alongwith revised scheme of examinations and syllabi of M.Tech. (Computer Science & Engineering) - 1st & 2nd semester along with the Audit Courses being run in University Teaching Department w.e.f. July, 2023-24. He is requested to arrange to upload the revised scheme of examinations & syllabi of above said programme on the website of the University.

Aaurin
4/7/24
Assistant Registrar (Academic)

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Department of Computer Science & Engineering
M. Tech. (Computer Science and Engineering)
(TWO YEAR PROGRAMME) SCHEME OF EXAMINATION
Choice Based Credit System w. e. f. July 2023-24

SEMESTER-I

Sr. No.	Course Code	Nomenclature of the Course	L	T	P	Credits	Internal	External
1	CSL711	Advanced Computer Networks	3	--	--	3	30	70
2	CSL712	Information and Cyber Security	3	--	--	3	30	70
3	CSL713	Advanced Database Management System	3	--	--	3	30	70
4	CSL714	Theory of Computation	3	--	--	3	30	70
5	CSL715	Advanced Software Engineering	3	--	--	3	30	70
6	CSP711	Advanced Computer Networks Lab	--	--	4	2	50	50
7	CSP712	Information and Cyber Security lab	--	--	4	2	50	50
8	Audit Course-I(any one from attached list of audit-I courses)		2	--	0	0.0	--	--
Total			17	--	8	19	250	450

List of Audit- Courses-I:

1. AC01 English and research paper writing
2. AC02 Disaster Management
3. AC03 Value Education
4. AC04 Stress Management by Yoga





SEMESTER-II

Sr. No.	Course Code	Nomenclature of the Course	L	T	P	Credits	Internal	External
1	CSL721	Soft Computing Concepts and Techniques	3	--	--	3	30	70
2	CSL722	Big Data Analytics	3	--	--	3	30	70
3	CSL723	High Speed Networks and Mobile Technologies	3	--	--	3	30	70
4	CSL724	Cloud Computing	3	--	--	3	30	70
5		Departmental Elective-I	3	--	--	3	30	70
6	CSP721	Soft Computing Lab	--	--	4	2	50	50
7	CSP722	Big Data Analytics Lab	--	--	4	2	50	50
8		Audit Course-II(any one from attached list of audit-II courses)	2	--	0	0.0	--	--
Total			17	--	8	19	250	450

List of Departmental Elective-I:

1. CSL- 725 Software Testing and Quality Assurance
2. CSL-726 Sensor Networks
3. CSL-727 Computational Geometry
4. CSL-728 Mathematical Concepts for Computer Science
5. CSL-729 Analysis and Design of Computer Algorithms

List of Audit- Courses-II:

1. AC03 Sanskrit for Technical Knowledge
2. AC05 Constitution of India
3. AC06 Pedagogy Studies
4. AC08 Personality Development through Life Enlightenment Skills

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for All M. Tech.
for 2018 Batch onwards
only

Audit Courses/Open Electives for M. Tech. (2018 batch onwards)

List of Audit Courses 1 (1st Semester-Non Credit):

Sr. No.	Course	Code	To be Taught by Department	Time table schedule
1.	English for Research Paper Writing	AC01	CMT	1 st Lecture Thursday & Friday
2.	Disaster Management	AC02	ESE (Env Sc. and Engg.)	
3.	Value Education	AC04	Religious Studies	
4.	Stress Management by Yoga	AC07	Physiotherapy	

List of Audit Courses 2 (2nd Semester-Non Credit):

Sr. No.	Course	Code	To be Taught by Department	Time table schedule
1.	Sanskrit for Technical Knowledge	AC03	Religious Studies	1 st Lecture Thursday & Friday
2.	Constitution of India	AC05	Faculty of Law	
3.	Pedagogy Studies	AC06	HRDC	
4.	Personality Development through Life Enlightenment Skills	AC08	Applied Psychology	

*List of Open Electives (3rd Semester - 3 Credits):

Sr. No.	Course	Code	To be Taught by Department	Time table schedule
1.	Business Analytics	3OE01	MBA/HSB	1 st Lecture Wednesday, Thursday & Friday
2.	Industrial Safety	3OE02	Mechanical Engineering	
3.	Operations Research	3OE03	MBA/HSB	
4.	Cost Management of Engineering Projects	3OE04	MBA/HSB	
5.	Composite Materials	3OE05	Mechanical Engineering	
6.	Waste to Energy	3OE06	ESE (Env.Sc. and Engg.)	
7.	Advancements in Communication System	3OE07	ECE	
8.	Introduction to Soft Computing Techniques	3OE08	CSE	
9.	Advanced Printing Technology	3OE09	Printing Technology	
10.	Computer Aided Design & Manufacturing	3OE10	Mechanical Engineering	
11.	Food Safety and Quality Assurance	3OE11	Food Technology	
12.	Basic Nanotechnology	3OE12	Bio and Nano Technology	
13.	MEMS & NEMS - Sensors & Devices	3OE13	Bio and Nano Technology	

*Note: Student has to choose any one Open Elective out of above list other than offered by his own department.

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