



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

No. Acad./AC-I/2024/ 5917-5977
Dated: 24/9/2024

To

1. All Deans of Faculties
2. All Chairpersons of the University Teaching Departments/Director, HSB
3. All Principals of the affiliated degree Colleges, GJUST, Hisar

Sub: The Scheme of Examinations as per Ordinance governing UG Programmes (Multidisciplinary) Scheme-A, Scheme-B, Scheme-C and Scheme-D for affiliated Colleges as per National Education Policy-2020 as well as amended list of pools of Discipline Specific Courses (DSC), Minor Courses (MIC), Multidisciplinary Courses (MDC), Ability Enhancement Course (AEC), Skill Enhancement Courses (SEC) and Value Added Course (VAC) for the academic session 2024-25.

Sir/ Madam,

In supersession of this office letter No. Acad./AC-I/2024/4251-4310 dated 25.07.2024, on the subject cited above and to inform you that the Vice-Chancellor has approved the following recommendations of the Committee in its meeting held on 07.08.2024 as discussed on the various issues/ requests received from the Principals/ Teachers of the affiliated Colleges to review the Ordinance Governing UG programmes under Scheme-A, Scheme-B, Scheme-C and Scheme-D as well as list of pools of Discipline Specific Courses (DSC), Minor Courses (MIC), Multidisciplinary Courses (MDC), Ability Enhancement Course (AEC), Skill Enhancement Courses (SEC) and Value Added Course (VAC)(Copy attached):

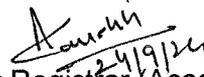
1. The Committee considered the requests of the Principals/ Teachers of affiliated Colleges and resolved to make necessary amendments regarding change/ addition of nomenclature in the list of pool of Discipline Specific Courses (DSC), Minor Courses (MIC), Multidisciplinary Courses (MDC), Ability Enhancement Courses (AEC), Skill Enhancement Courses (SEC) and Value Added Courses (VAC) for affiliated degree colleges under Scheme-A, Scheme-B, Scheme-C and Scheme-D as per NEP-2020. **This amended list of pools of various courses will supersede the previous lists circulated vide letter dated 25.07.2024 in this regard.**
2. Regarding the minimum strength, the present Guidelines of Directorate of Higher Education will be followed to maintain uniformity in the State and the queries, if any, regarding the workload, the same may kindly be clarified from the Directorate of Higher Education.
3. The Multidisciplinary Courses (MDCs) will be from the subject, which is different from the Discipline Specific Courses and Minor subjects/ courses. Students are not allowed to choose, or repeat courses already undergone at the Senior Secondary Level (Class XII) or Discipline Specific and Minor subjects/ courses under this category.
4. Skill Enhancement Course (SEC) in Undergraduate Programme may be opted either 3 credit Lectures or 2 Credits Lectures and 1 Credit Practicum. However, if it is necessary, SEC may be opted as 3 Credits Practicum only after getting approval from the University.

5. The University will provide the Scheme of Examination and Syllabus (**subject-wise**) of all pools i.e. DSC, MIC, MDC, AEC, SEC and VAC to the affiliated degree colleges prepared by the BOS&R and Faculty concerned. The Principals of the affiliated degree Colleges are required to send the duly filled Scheme of Examination (**Programme-wise**) in the attached formats (Copy enclosed) as per scheme applicable after offer of subject(s) by the College and opting all the subjects/courses by the students of first semester of each programme as per NEP-2020 for further necessary action regarding conduct of examinations.

The amended list of pools alongwith Scheme of examination for Affiliated Degree Colleges for the session 2024-25 (for Scheme-A, B, C and D) is attached herewith.

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

Yours faithfully


24/9/24
Assistant Registrar (Academic)
For Registrar

DA/As above

CC.:

1. Dean Academic Affairs, GJUST, Hisar
2. Dean of Colleges, GJUST, Hisar
3. Controller of Examinations, GJUST, Hisar
4. Assistant Registrar (Registration), GJUST, Hisar
5. Assistant Registrar (Colleges), GJUST, Hisar
6. OSD to Vice-Chancellor (for kind information of the Vice-Chancellor), GJUST, Hisar.
7. Secretary to Registrar (for kind information of the Registrar), GJUST, Hisar



Guru Jambheshwar University of Science and Technology
Hisar-125001, Haryana
(‘A+’ NAAC Accredited State Govt. University)
UG Programme as per National Education Policy-2020



Pool of Multidisciplinary Course (MDC) for Scheme A, B, C and D
(w.e.f. Session 2024-25)

Multidisciplinary Courses (MDC): These courses are based on introductory knowledge in a subject. A student will study MDC in a subject other than the discipline of Discipline Specific and Minor subjects/courses to gain knowledge across the disciplines. It consists of either 3 credit Lectures or 2 credits Lectures and 1 credit Practicum/Tutorial.

Sr. No.	Subject/ Department	Semester-I		Semester-II		Semester-III	
		Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
1	Biotechnology	C24MDC101T	Applied Biology-I	C24MDC201T	Applied Biology-II	C24MDC301T	Applied Biology-III
		C24MDC101P	Applied Biology-I Lab	C24MDC201P	Applied Biology-II Lab	C24MDC301P	Applied Biology-III Lab
2	Botany	C24MDC102T	Basics of Botany	C24MDC202T	Nursery and Gardening	C24MDC302T	Plants in Everyday Life
		C24MDC102P	Basics of Botany Lab	C24MDC202P	Nursery and Gardening Lab	C24MDC302P	Plants in Everyday Life Lab
3	Business Administration	C24MDC103T	E-Commerce	C24MDC203T	Negotiation and Conflicts Management Skills	C24MDC303T	Marketing Analytics
4	Chemistry	C24MDC104T	Chemistry of Oils and Dyes	C24MDC204T	Chemistry of Soil and Everyday Compounds	C24MDC304T	Energy Resources and Water Treatment
		C24MDC104P	Chemistry of Oils and Dyes Lab	C24MDC204P	Chemistry of Soil and Everyday Compounds Lab	C24MDC304P	Energy Resources and Water Treatment Lab
5	Computer Science	C24MDC105T	Information Technology	C24MDC205T	Internet and Web Design	C24MDC305T	C Programming
		C24MDC105P	Information Technology Lab	C24MDC205P	Internet and Web Design Lab	C24MDC305P	C Programming Lab
6	Commerce	C24MDC106T	Fundamentals of Banking	C24MDC206T	Basics of Digital Marketing	C24MDC306T	
		C24MDC106P	Fundamentals of Banking Lab	C24MDC206P	Basics of Digital Marketing Lab		

7	Commercial Art, Designing and Painting	C24MDC107T C24MDC107P	Basics of Fine Arts-I Basics of Fine Arts-I Lab	C24MDC207T C24MDC207P	Basics of Fine Arts-II Basics of Fine Arts-II Lab		
8	Defence Studies	C24MDC108T	Introduction to Military History	C24MDC208T	Introduction to Military Studies	C24MDC308T	
9	Economics	C24MDC109T	Understanding Union Budget	C24MDC209T	Economics of Banking and Finance	C24MDC309T	Indian Economic Environment
10	English	C24MDC110T	Literature and Society	C24MDC210T	Functional English Grammar	C24MDC310T	Writing for Digital Platforms
11	Electronics	C24MDC111T	Electronics in Daily Life	C24MDC211T	Basic Analog Electronics	C24MDC311T	Basic Electronics Components and Devices
12	Fashion Designing	C24MDC112T C24MDC112P	Clothing Construction-I Clothing Construction-I Lab	C24MDC212T C24MDC212P	Clothing Construction-II Clothing Construction-II Lab	C24MDC312T	
13	Health and Physical Education	C24MDC113T C24MDC113P	Fundamentals of Physical Education Fundamentals of Physical Education Lab	C24MDC213T C24MDC213P	Fundamentals of Yoga Fundamentals of Yoga Lab	C24MDC313T	
14	Geography	C24MDC114T	General Geography	C24MDC214T	Physical Geography of India	C24MDC314T	
15	Hindi	C24MDC115T	संक्षेप संस्कृत शिवाय संस्कृत भाषा	C24MDC215T	संस्कृत-संस्कृत अर्थशास्त्र	C24MDC315T	
16	History	C24MDC116T	History of Haryana-I (From Harappan Age to 1526 A.D.)	C24MDC216T	History of Haryana-II	C24MDC316T	
17	Home Science	C24MDC117T C24MDC117P	Health and Hygiene Health and Hygiene Lab	C24MDC217T C24MDC217P	Basics of Fashion Design Basics of Fashion Design Lab	C24MDC317T	
18	Mass Communication and Video Production	C24MDC118T	Short Film Production	C24MDC218T	Public Speaking and Creative Writing		
19	Mathematics	C24MDC119T	Mathematics for Everyday Life	C24MDC219T	Public Speaking and Creative Writing Lab	C24MDC319T	Fundamentals of Statistics
20	Music (Instrumental)	C24MDC120T C24MDC120P	Fundamentals of Hindustani Music Fundamentals of Hindustani Music Lab	C24MDC220T C24MDC220P	Fundamental Approach to Hindustani Music Fundamental Approach to Hindustani Music Lab	C24MDC320T	
21	Music (Vocal)	C24MDC121T C24MDC121P	Terminology of Hindustani Music (Vocal) Terminology of Hindustani Music (Vocal) Lab	C24MDC221T C24MDC221P	Fundamental Approach to Hindustani Music (Vocal) Fundamental Approach to Hindustani Music (Vocal) Lab	C24MDC321T	

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22	Philosophy	C24MDC122T	Philosophy of Mahatma Gandhi	C24MDC222T	Philosophy of Law	C24MDC322T	
23	Physics	C24MDC123T	Fundamentals of Physics-I	C24MDC223T	Fundamentals of Physics-II	C24MDC323T	Fundamentals of Physics-III
		C24MDC123P	Fundamentals of Physics-I Lab	C24MDC223P	Fundamentals of Physics-II Lab		
24	Political Science	C24MDC124T	Indian Polity-I	C24MDC224T	Indian Polity-II	C24MDC324T	
25	Psychology	C24MDC125T	Stress Management	C24MDC225T	Personality Development	C24MDC325T	
26	Public Administration	C24MDC126T	Public Administration in India	C24MDC226T	Public Financial Administration	C24MDC326T	
27	Sanskrit	C24MDC127T	संस्कृत साहित्य राष्ट्रवाद, यश प्रक्रियाया: वैज्ञानिकोपपत्तयः	C24MDC227T	योगसूत्रम्	C24MDC327T	
28	Sociology	C24MDC128T	Principles of Sociology	C24MDC228T	Indian Society and Culture	C24MDC328T	
29	Zoology	C24MDC129T	Basics of Zoology-I	C24MDC229T	Basics of Zoology-II	C24MDC329T	Basics of Zoology-III
		C24MDC129P	Basics of Zoology-I Lab	C24MDC229P	Basics of Zoology-II Lab	C24MDC329P	Basics of Zoology-III Lab
30	Environmental Science	C24MDC130T	Environmental Issues in India	C24MDC230T	Disaster Management	C24MDC330T	Atmospheric Chemistry
31		C24MDC131T					
32	Computer Applications	C24MDC132T	Foundations of Computer Science	C24MDC232T	Internet and Web Design	C24MDC332T	
		C24MDC132P	Foundations of Computer Science Lab	C24MDC232P	Internet and Web Design Lab		
33	Mass Communication	C24MDC133T	Idea Generation and Creativity	C24MDC233T	Content Development for Digital Platforms		
	# MOOCs of 3 credits may be opted by the students in 2 nd semester and/or 3 rd semester after approval from the Principal of the College with notification/intimation to University						

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UG Programme as per National Education Policy-2020
Discipline Specific Courses (DSC) for Scheme A and B
(up to three years as per the programmes available in the affiliated degree Colleges)
(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majority in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial or 2 credits Lectures and 2 credit Practicum.

Subject	Semester-I		Semester-II		Semester-III		Semester-IV		Semester-V		Semester-VI	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Biotechnology	C24BBT101T	Basics of Biotechnology	C24BBT201T	Fundamental of Biochemistry	C24BBT301T	Molecular Biology	C24BBT401T	Recombinant DNA Technology	C24BBT501T	Basics of In Vitro Culture Techniques	C24BBT601T	Microbial Biotechnology
	C24BBT101P	Basics of Biotechnology Lab	C24BBT201P	Fundamental of Biochemistry Lab	C24BBT301P	Molecular Biology Lab	C24BBT401P	Recombinant DNA Technology Lab	C24BBT501P	Basics of In Vitro Culture Techniques Lab	C24BBT601P	Microbial Biotechnology Lab
Botany	C24BOT101T	Diversity of Microbes and Lower Cryptogams, Cytology	C24BOT201T	Diversity of Higher Cryptogams and Genetics	C24BOT301T	Diversity of Seed Plants: Gymnosperms and Angiosperms	C24BOT401T	Plant Anatomy and Embryology	C24BOT501T	Plant Physiology- Metabolism and Ecology	C24BOT601T	Plant Biotechnology and Economic Botany
	C24BOT101P	Diversity of Microbes and Lower Cryptogams, Cytology Lab	C24BOT201P	Diversity of Higher Cryptogams and Genetics Lab	C24BOT301P	Diversity of Seed Plants: Gymnosperms and Angiosperms Lab	C24BOT401P	Plant Anatomy and Embryology Lab	C24BOT501P	Plant Physiology- Metabolism and Ecology Lab	C24BOT601P	Plant Biotechnology and Economic Botany Lab
Business Administration	C24BBA101T	Management Concepts and Principles	C24BBA201T	Indian Economy	C24BBA301T	History and Philosophy of Human Resource Management	C24BBA401T	Business Research Methods	C24BBA501T	Sales Management	C24BBA601T	Macro Organisational Behaviour
	C24CHE101T	Chemistry-I	C24CHE201T	Chemistry-II	C24CHE301T	Chemistry-III	C24CHE401T	Chemistry-IV	C24CHE501T	C24CHE601T		
Chemistry	C24CHE101P	Chemistry-I Lab	C24CHE201P	Chemistry-II Lab	C24CHE301P	Chemistry-III Lab	C24CHE401P	Chemistry-IV Lab	C24CHE501P	C24CHE601P		
	C24COS101T	Fundamentals of Computer and Programming in C	C24COS201T	Data Structure using C	C24COS301T	Data Base Management Systems	C24COS401T	Computer Networks	C24COS501T	Object Oriented Principles and Programming in Java	C24COS601T	Python Programming
Computer Science	C24COS101P	Programming in C Lab	C24COS201P	Data Structure using C Lab	C24COS301P	DBMS Lab	C24COS401P	Computer Networks Lab	C24COS501P	OOPS Using Java Lab	C24COS601P	Python Programming Lab
	C24CAP101T	Computer Fundamental and Problem Solving through C	C24CAP201T	Object Oriented Programming using C++	C24CAP301T	Object Oriented Programming using C++ Lab	C24CAP401T	Business Environment	C24CAP501T	Fundamentals of Stock Market	C24CAP601T	Goods and Service Tax
Commerce	C24BKM101T	Fundamentals of Management	C24BKM201T	Indian Financial System	C24BKM301T	Business Statistics	C24BKM401T		C24BKM501T			
	C24COA101T	Fundamental of Arts	C24COA201T	Basics of Drawing	C24COA301T	Basics of Drawing Lab						
Commercial Art, Designing and Painting	C24COA101P	Fundamental of Arts Lab	C24COA201P	Basics of Drawing Lab								

B

Defence Studies	C24DEF101T	Conceptual Aspects of War, Basics of Operational Exercises-I	C24DEF201T	Evolution of Indian Military System, Basics of Operational Exercises-II															
	C24DEF101P	Conceptual Aspects of War, Basics of Operational Exercises-I Lab	C24DEF201P	Evolution of Indian Military System, Basics of Operational Exercises-II Lab															
Economics	C24ECO101T	Micro Economics-I	C24ECO201T	Micro Economics-II	C24ECO301T					C24ECO401T				C24ECO501T				C24ECO601T	
English	C24ENG101T	Introduction to Short Story and Basic Grammar	C24ENG201T	Introduction to Essay and Basic Composition	C24ENG301T	Introduction to Poetry and Phonetics				C24ENG401T	Introduction to Drama and Intermediate Grammar			C24ENG501T	Introduction to Short Novel and Advanced Grammar			C24ENG601T	Introduction to Life Writing and Advanced Composition
	C24ELE101T	Network Analysis	C24ELE201T	Electronic Devices and Basic Digital electronics	C24ELE301T	Combination and Sequential Circuits Lab				C24ELE401P	Operational Amplifier and Sinusoidal Oscillators Lab								
Fashion Designing	C24FAD101T	Fundamentals of Fashion Designing	C24FAD201T	Basics of Pattern making and garments construction															
	C24FAD101P	Fundamentals of Fashion Designing Lab	C24FAD201P	Basics of Pattern making and garments construction Lab															
Geography	C24GEO101T	Geography of India	C24GEO201T	Human Geography	C24GEO301T					C24GEO401T				C24GEO501T				C24GEO601T	
	C24GEO101P	Geography of India Lab	C24GEO201P	Human Geography Lab	C24GEO301P					C24GEO401P				C24GEO501P				C24GEO601P	
Health and Physical Education	C24HPE101T	History and Foundation of Physical Education	C24HPE201T	Athletics-Track Events and Road Races															
	C24HPE101P	History and Foundation of Physical Education Lab	C24HPE201P	Athletics-Track Events and Road Races Lab															
Hindi	C24HIN101T	हिंदी भाषा-1	C24HIN201T	हिंदी भाषा-2	C24HIN301T					C24HIN401T				C24HIN501T				C24HIN601T	
History	C24HIS101T	Idea of Bharat	C24HIS201T	History of India (From Earliest Times to 1206)															
	C24HOS101T	Interior Decoration in Home	C24HOS201T	Family Resource Management															
Home Science	C24HOS101P	Interior Decoration in Home Lab	C24HOS201P	Family Resource Management Lab															
	C24MCO101T	Introduction to Communication	C24MCO201T	Introduction to Electronic Media															
Mass Communication and Video Production	C24MCO101P	Introduction to Communication Lab	C24MCO201P	Introduction to Electronic Media Lab															
	C24MAT101T	Number Theory and Basic Algebra	C24MAT201T	Calculus Lab	C24MAT301T	Differential Equations Lab				C24MAT401T	Mechanics Lab			C24MAT501T	Analysis			C24MAT601T	Abstract Algebra
Mathematics	C24MAT101P	Number Theory and Basic Algebra Lab	C24MAT201P	Calculus Lab	C24MAT301P	Differential Equations Lab				C24MAT401P	Mechanics Lab			C24MAT501P	Analysis Lab			C24MAT601P	Abstract Algebra Lab
	C24MUJ101T	Basics of Hindustani Music (2 credits)	C24MUJ201T	Basic Terminology of Hindustani Music (2 credits)															
Music (Instrumental)																			

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	C24MU101P	Basics of Hindustani Music Lab (2 credits)	C24MU201P	Basic Terminology of Hindustani Music Lab (2 credits)														
Music (Vocal)	C24MU101T	Fundamentals of Hindustani Music (Vocal) (2 credits)	C24MU201T	Basic Terminology of Hindustani Music (Vocal) (2 credits)														
	C24MUS101P	Fundamentals of Hindustani Music (Vocal) Lab (2 credits)	C24MUS201P	Basic Terminology of Hindustani Music (Vocal) Lab (2 credits)														
Philosophy	C24PHI101T	Outline of Indian Philosophy	C24PHI201T	Outline of Western Philosophy														
	C24PHY101T	Mechanics	C24PHY201T	Electricity and Magnetism	C24PHY301T	Thermodynamics and Statistical Physics	C24PHY401T	Wave and Optics										
Physics	C24PHY101P	Mechanics Lab	C24PHY201P	Electricity and Magnetism Lab	C24PHY301P	Thermodynamics and Statistical Physics Lab	C24PHY401P	Wave and Optics Lab										
Political Science	C24POL101T	Principals of Political Science-I	C24POL201T	Principals of Political Science-II														
	C24PSY101T	Foundations of Psychology-I	C24PSY201T	Foundations of Psychology-II														
Public Administration	C24PUB101P	Foundations of Public Administration	C24PUB201T	Basics of Public Administration														
	C24SKT101T	संस्कृत व्याकरण वा शिर्ष 1-12	C24SKT201T	संस्कृत व्याकरण तृतीय 1-18														
Sociology	C24SOC101T	Introduction to Sociology	C24SOC201T	Society, Structure and Change														
	C24ZOO101T	Animal Diversity-I	C24ZOO201T	Animal Diversity-II	C24ZOO301T	Biomolecule and Mammalian Physiology	C24ZOO401T	Molecular Biology	C24ZOO501T	Evolution and Developmental Biology	C24ZOO601T	Applied Zoology						
Zoology	C24ZOO101P	Animal Diversity-I, Lab	C24ZOO201P	Animal Diversity-II Lab	C24ZOO301P	Biomolecule and Mammalian Physiology Lab	C24ZOO401P	Molecular Biology Lab	C24ZOO501P	Evolution and Developmental Biology Lab	C24ZOO601P	Applied Zoology Lab						
Hindi Elective	C24HIE101T	हिंदी वा शिर्षांग शिर्षा, अंग वा शिर्षा अंगवांग	C24HIE201T	हिंदी शिर्षा अंग शिर्षांग अंग वा अंग अंगवांग														
	C24SAE101T	श्री शिर्षांग वांगवांग वा	C24SAE201T	श्री शिर्षांग-श्री शिर्षांग														
Sanskrit Elective	C24SAS101T	श्री शिर्षांग वांगवांग वा	C24SAS201T	श्री शिर्षांग-श्री शिर्षांग														
Functional English	C24FEN101T	Communicative Skills (Functional English)	C24FEN201T	Communicative Skills and Grammar (Functional English)														
	C24FEN101P	Communicative Skills (Functional English)- Practical	C24FEN201P	Communicative Skills and Grammar (Functional English)- Practical														

BS



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(A+ NAAC Accredited State Govt. University)



UG Programme as per National Education Policy-2020

Discipline Specific Courses (DSC) for Scheme C

(up to three years as per the programmes available in the affiliated degree College)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majority in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject	Semester-I			Semester-II		
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course		
Chemistry	C24CHE102T	General Chemistry-I	C24CHE202T	General Chemistry-III		
	C24CHE102P	General Chemistry-I Lab	C24CHE202P	General Chemistry-III Lab		
	C24CHE103T	General Chemistry-II	C24CHE203T	General Chemistry-IV		
	C24CHE103P	General Chemistry-II Lab	C24CHE203P	General Chemistry-IV Lab		
Economics	C24ECO101T	Micro Economics-I	C24ECO201T	Micro Economics-II		
	C24ECO102T	Macro Economics-I	C24ECO202T	Macro Economics-II		
English	C24ENG101T	Introduction to Short Story and Basic Grammar	C24ENG201T	Introduction to Essay and Basic Composition		
	C24ENG102T	British Poetry and Drama 14 th C to 17 th C	C24ENG202T	Literature and Society: Exploring Social Issues		
	C24GEO101T	Geography of India	C24GEO201T	Human Geography		
Geography	C24GEO101P	Geography of India Lab	C24GEO201P	Human Geography Lab		
	C24GEO102T	Population Geography	C24GEO202T	Agricultural Geography		
	C24GEO102P	Population Geography Lab	C24GEO202P	Agricultural Geography Lab		
Hindi	C24HIN102T	हिंदी साहित्य का इतिहास	C24HIN202T	हिंदी भाषा का वर्णन और विकास		
	C24HIN103T	हिंदी का संज्ञानात्मक एवं प्रयोजनमूलक स्वरूप	C24HIN203T	हिंदी नाटक और रसिकता		
	C24MAT102T	Basic Algebra	C24MAT202T	Number Theory and Trigonometry		
Mathematics	C24MAT103T	Calculus-I	C24MAT203T	Calculus-II		

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**Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana
(A+ NAAC Accredited State Govt. University)**

UG Programme as per National Education Policy-2020

Discipline Specific Courses (DSC) for Scheme D

(up to three years as per the programmes available in the affiliated degree College)

(w.e.f. Session 2024-25)

Discipline Specific Courses (DSC): A major course/subject as discipline specific course is the field in which a student focuses for understanding and skills majorly in the chosen field of learning contributing to the core of the programme. It consists of either 4 credits Lectures/Practicum or 3 credits Lectures and 1 credit Practicum or 3 credit Lecture and 1 credit Tutorial.

Subject	Semester-I		Semester-II		Semester-III		Semester-IV		Semester-V		Semester-VI	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Business Administration	C24BBA101T	Management Concepts and Principles	C24BBA201T	Indian Economy	C24BBA301T	History and Philosophy of Human Resource	C24BBA401T	Business Research Methods	C24BBA501T	Sales Management	C24BBA601T	Macro Organizational Behaviour
	C24BBA102T	Psychology and Sociology in the Business Context	C24BBA202T	Fundamentals of Marketing	C24BBA302T	Management Business Economics	C24BBA402T	Marketing Decision	C24BBA502T	Business Environment Policy and Strategy	C24BBA602T	Business Law
	C24BBA103T	Fundamentals of Accounting	C24BBA203T	Fundamentals of Financial Management	C24BBA303T	Indian Financial System	C24BBA403T	Micro Organisational Behaviour	C24BBA503T	Taxation System and Policy	C24BBA603T	Operation and Project Management
	C24CAP101T	Computer Fundamental and Problem Solving through C	C24CAP201T	Object Oriented Programming using C++	C24CAP301T	Java Programming	C24CAP401T	Cloud Computing	C24CAP501T	Software Engineering	C24CAP601T	Programming using Python
	C24CAP101P	Computer Fundamental and Problem Solving through C Lab	C24CAP201P	Object Oriented Programming using C++ Lab	C24CAP301P	Java Programming Lab	C24CAP401P	Cloud Computing Lab	C24CAP501P	Software Engineering Lab	C24CAP601P	Programming using Python Lab
	C24CAP102T	Logical Organisation of Computer	C24CAP202T	Data Structure and Applications	C24CAP302T	Linux and Shell Programming Lab	C24CAP402T	Front end Development	C24CAP502T	Back-end Development	C24CAP602T	Advanced Web Development
Computer Application	C24CAP102P	Logical Organisation of Computer Lab	C24CAP202P	Data Structure and Applications Lab	C24CAP302P	Linux and Shell Programming Lab	C24CAP402P	Front end Development Lab	C24CAP502P	Back-end Development Lab	C24CAP602P	Advanced Web Development Lab
	C24CAP103T	Introduction to Web Technologies	C24CAP203T	Concepts of Operating Systems	C24CAP303T	Database Technologies	C24CAP403T	Computer Graphics	C24CAP503T	Network and Data Communications Technologies	C24CAP603T	Artificial Intelligence
	C24CAP103P	Introduction to Web Technologies Lab	C24CAP203P	Concepts of Operating Systems Lab	C24CAP303P	Database Technologies Lab	C24CAP403P	Computer Graphics Lab	C24CAP503P	Network and Data Communications Technologies Lab	C24CAP603P	Artificial Intelligence Lab
	C24BMC101T	Fundamentals of Management	C24BMC201T	Indian Financial System	C24BMC301T	Business Statistics	C24BMC401T	Business Environment	C24BMC501T	Fundamentals of Stock Market	C24BMC601T	Goods and Service Tax
	C24BMC102T	Basic Accounting	C24BMC202T	Advanced Accounting	C24BMC302T	Corporate Accounting	C24BMC402T	Business Cost Accounting	C24BMC502T	Income Tax Law and Practice	C24BMC602T	Human Resource Management
	C24BMC103T	Business Economics-I	C24BMC203T	Business Economics-II	C24BMC303T	Business Laws	C24BMC403T	Company Law	C24BMC503T		C24BMC603T	Financial Management
Mass Communication	C24BMC101T	Introduction to Communication	C24BMC201T	Introduction to Electronic Media								
	C24BMC102T	Introduction to Print Media	C24BMC202T	Introduction to Persuasive Communication								
	C24BMC103T	Basic of Journalism	C24BMC203T	News Reporting								

BS



Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana
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UG Programme as per National Education Policy-2020

Pool of Ability Enhancement Course (AEC) for Scheme A, B, C and D

(w.e.f. Session 2024-25)

Pool of Ability Enhancement Course (AEC): These courses aim at enabling the students to achieve competency in the English language or Modern Indian Languages (MIL) with special emphasis on language and communication skills.

Semester-I 2 credits		Semester-II 2 credits		Semester-III# 2 credits		Semester-IV# 2 credits	
Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
C24AEC101T	English Language and Communication Skills: Level 1	C24AEC102T	हिंदी भाषा एवं संचयन-1	C24AEC301T	English Language and Communication Skills: Level 2	C24AEC301T	English Language and Communication Skills: Level 2
C24AEC102T	हिंदी भाषा एवं संचयन-1	C24AEC101T	English Language and Communication Skills: Level 1	C24AEC302T	हिंदी भाषा एवं संचयन-2	C24AEC302T	हिंदी भाषा एवं संचयन-2
				C24AEC303T	संस्कृत साहित्ये नाट्य एवं रंगमंच	C24AEC303T	संस्कृत साहित्ये नाट्य एवं रंगमंच
				C24AEC304T	उपनिषद्-गीताजुषारं श्रीनारदाचार्य	C24AEC304T	उपनिषद्-गीताजुषारं श्रीनारदाचार्य
				C24AEC305T	Foreign Language or any other Language	C24AEC305T	Foreign Language or any other Language
Students will opt for one AEC from the pool in this category offered by Institute/ College. Institute/College can offer AEC in other Modern Indian languages (MILs) after getting approval from the university		Students will opt for one AEC from the pool in this category offered by Institute/ College. Institute/College can offer AEC in other Modern Indian languages (MILs) after getting approval from the university		Students will opt for one AEC from the pool in this category offered by Institute/ College. Institute/College can offer AEC in other languages after getting approval from the university		Students will opt for one AEC from the pool in this category offered by Institute/ College. Institute/College can offer AEC in other languages after getting approval from the university	
50% of students of 1st semester of College/Institute will be offered a course on English and the remaining 50% will be offered course on Hindi		The students, who have taken English course in the 1 st semester, will study a course on Hindi and vice-versa		# MOOCs of 2 credits may be opted by the students recommended by the concerned Department through the Principal of the College with notification to COE of the University.			

B



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UG Programme as per National Education Policy-2020

Minor Courses (MIC) for Scheme A, B and D

(w.e.f. Session 2024-25)

Minor Courses (MIC): Minor course/subject aims to expand student's knowledge beyond the major field of study. This will also include Vocational Course (VOC) that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

Department/ Subject	Arts and Commerce							
	Semester-I MIC-1 2 credits		Semester-II MIC-2 2 credits		Semester-III MIC-3 4 credits		Semester-VI MIC-6 4 credits	
	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
Business Administration	C24MIC101T	Computer Applications in Management	C24MIC201T	Basic Statistics	C24MIC301T		C24MIC601T	
Computer Science	C24MIC102T	Computer Programming Fundamentals	C24MIC202T	Internet and Web Design	C24MIC302T	IT & E-Commerce	C24MIC602T	Data Analytics
					C24MIC302P	IT & E-Commerce Lab		
Commerce	C24MIC103T(i) OR C24MIC103T(ii)	Business Mathematics OR Organizational Behaviour	C24MIC203T	Basics of Digital Marketing	C24MIC303T	Strategic Management	C24MIC603T	
Commercial Arts, Designing and Painting	C24MIC104T	Introduction of Fine Arts	C24MIC204T	Basics of Photography	C24MIC304T		C24MIC604T	
Defence Studies	C24MIC105T	Introduction to Defence Studies	C24MIC205T	Public and Private Security Management	C24MIC305T		C24MIC605T	
Economics	C24MIC106T	Ancient Indian Economic History: Vedic Period to IBC	C24MIC206T	Indian Economy from Post-Independence	C24MIC306T		C24MIC606T	
English	C24MIC107T	Introduction to Short Story and Basic Grammar	C24MIC207T	Introduction to Essay and Basic Composition	C24MIC307T	Introduction to Poetry and Phonetics	C24MIC607T	
Fashion Designing	C24MIC108T	Textile Science	C24MIC208T	Traditional Textile of India	C24MIC308T		C24MIC608T	

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Geography	C24MIC109T	General Geography of India	C24MIC209T	Geography of Haryana	C24MIC309T		C24MIC609T
Health and Physical Education	C24MIC110T	Olympics Movement	C24MIC210T	Asian and Commonwealth Games	C24MIC310T		C24MIC610T
Hindi	C24MIC111T	हिंदी का सांस्कृतिक विकास	C24MIC211T	या क्षेत्र	C24MIC311T		C24MIC611T
History	C24MIC112T	Indian National Movement	C24MIC212T	Indian History and Culture	C24MIC312T		C24MIC612T
Home Science	C24MIC113T	Housing and Space Planning	C24MIC213T	Early Childhood Care and Education	C24MIC313T		C24MIC613T
Mass Communication and Video Production	C24MIC114T	Communication Skills	C24MIC214T	Digital Media	C24MIC314T		C24MIC614T
Mathematics	C24MIC115T	Sets and Sequences	C24MIC215T	Combinatorics and Geometry	C24MIC315T	Mathematical Statistics	C24MIC615T
Music (Instrumental)	C24MIC116T	Basic Concepts of Hindustani Music	C24MIC216T	Conceptual Approach to Hindustani Music	C24MIC316T		C24MIC616T
Music (Vocal)	C24MIC117T	Basic Concepts of Hindustani Music (Vocal)	C24MIC217T	Conceptual Approach to Hindustani Music (Vocal)	C24MIC317T		C24MIC617T
Philosophy	C24MIC118T	Fundamentals of Indian Philosophy	C24MIC218T	Fundamentals of Western Philosophy	C24MIC318T		C24MIC618T
Political Science	C24MIC119T	Fundamentals of Political Science-I	C24MIC219T	Fundamentals of Political Science-II	C24MIC319T		C24MIC619T
Psychology	C24MIC120T	Understanding Psychology-I	C24MIC220T	Understanding Psychology-II	C24MIC320T		C24MIC620T
Public Administration	C24MIC121T	Rural Local Government in India	C24MIC221T	Urban Local Government in India	C24MIC321T		C24MIC621T
Sanskrit	C24MIC122T	सर्वाचार्य-शिक्षा, संस्कृत सर्वाचार्य-संज्ञा (1-10) व	C24MIC222T	सर्वाचार्य-शिक्षा, संस्कृत सर्वाचार्य-संज्ञा (1-10)	C24MIC322T		C24MIC622T
Sociology	C24MIC123T	Basic Concepts of Sociology	C24MIC223T	Indian Social System	C24MIC323T		C24MIC623T
Computer Applications	C24MIC124T (i) OR C24MIC124T (ii)	Information Technology OR Mathematical Foundation of Computer Science-I	C24MIC224T (i) OR C24MIC224T (ii)	Database Technologies OR Mathematical Foundation of			

Mass Communication	C24MIC125T	General Current Awareness I	C24MIC225T	Computer Science-II General Current Awareness II			
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PHYSICAL SCIENCES

Department/ Subject	Semester-I 2 credits		Semester-II 2 credits		Semester-III 4 credits		Semester-VI 4 credits	
	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
Chemistry	C24MIC131T	Basic Chemistry-I	C24MIC231T	Basic Chemistry-II	C24MIC331T	Basic Chemistry-III	C24MIC631T	
Computer Science	C24MIC102T	Computing Programming Fundamentals	C24MIC202T	Internet and Web Design	C24MIC302T	Basics of Software Development	C24MIC602T	Operating System
Electronics	C24MIC132T	Electronic Components	C24MIC232T	Understanding of Computer Systems	C24MIC332T	Electronic Instrumentation	C24MIC632T	IC Fabrication Technology
Geography	C24MIC109T	General Geography of India	C24MIC209T	Geography of Haryana				
Mathematics	C24MIC115T	Sets and Sequences	C24MIC215T	Combinatorics and Geometry	C24MIC315T	Mathematical Statistics	C24MIC615T	Mathematical Optimization Techniques
Physics	C24MIC133T	Fundamentals of Electronics-I	C24MIC233T	Fundamentals of Electronics-II	C24MIC333T	Electronics-I	C24MIC633T	Electronics-II

LIFE SCIENCES

Department/ Subject	Semester-I 2 credits		Semester-II 2 credits		Semester-III 4 credits		Semester-VI 4 credits	
	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course
Biotechnology	C24MIC141T	Introduction to Biotechnology	C24MIC241T	Biomolecules	C24MIC341T	Molecular Basis of Life	C24MIC641T	Genetic Engineering and Micropropagation
Botany	C24MIC142T	Elementary Botany	C24MIC242T	Cell Biology	C24MIC342T	Plant Ecology	C24MIC642T	Economic Botany
Chemistry	C24MIC131T	Basic Chemistry-I	C24MIC231T	Basic Chemistry-II	C24MIC331T	Basic Chemistry-III	C24MIC631T	
Zoology	C24MIC143T	Introduction of non-Chordates	C24MIC243T	Introduction of Chordates	C24MIC343T		C24MIC643T	

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UG Programme as per National Education Policy-2020

Minor Courses (MIN) for Scheme C

(w.e.f. Session 2024-25)

Minor Courses (MIC): Minor course/subject aims to expand student's knowledge beyond the major field of study. This will also include Vocational Course (VOC) that will assists student in developing work-force relevant skills through practical work and enhances the employability of student.

Department/ Subject	Arts and Commerce	
	Semester-I MIN-1 4 credits	Semester-II MIN-2 4 credits
Business Administration	C24MIN101T	C24MIN201T
	C24MIN102T	C24MIN202T
Computer Science	C24MIN102P	C24MIN202P
	C24MIN103T	C24MIN203T
Commerce	C24MIN104T	C24MIN204T
Commercial Arts, Designing and Painting	C24MIN105T	C24MIN205T
Defence Studies	C24MIN106T	C24MIN206T
Economics	C24MIN107T	C24MIN207T
English	C24MIN108T	C24MIN208T
Fashion Designing	C24MIN109T	C24MIN209T
Geography	C24MIN109P	
Health and Physical Education	C24MIN110T	C24MIN210T
Hindi	C24MIN111T	C24MIN211T

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History	C24MIN112T	Indian National Movement	C24MIN212T	Indian History and Culture
Home Science	C24MIN113T	Housing and space planning	C24MIN213T	Early Childhood Care and Education
Mass Communication and Video Production	C24MIN114T	Communication Skills	C24MIN214T	Digital Media and Communication
Mathematics	C24MIN115T	Elementary Mathematics-I	C24MIN215T	Elementary Mathematics-II
Music (Instrumental)	C24MIN116T	Basic Concepts of Hindustani Music	C24MIN216T	Conceptual Approach to Hindustani Music
Music (Vocal)	C24MIN117T	Basic Concepts of Hindustani Music (Vocal)	C24MIN217T	Conceptual Approach to Hindustani Music (Vocal)
Philosophy	C24MIN118T	Fundamentals of Indian Philosophy	C24MIN218T	Fundamentals of Western Philosophy
Political Science	C24MIN119T	Fundamentals of Political Science-I	C24MIN219T	Fundamentals of Political Science-II
Psychology	C24MIN120T		C24MIN220T	
Public Administration	C24MIN121T	Rural Local Government in India	C24MIN221T	Urban Local Government in India
Sanskrit	C24MIN122T	वर्णव्यारण- शिक्षा, संस्कृतव्यनिका - पद्यभग (1-10) च	C24MIN222T	वर्णव्यारण- शिक्षा, संस्कृतव्यनिका - गद्यभग (1-10) च
Sociology	C24MIN123T	Basic Concepts and Terms of Sociology	C24MIN223T	Indian Social System
Computer Applications	C24MIN124T	Essentials of Computer Science	C24MIN224T	Data Science and Analytics
Mass Communication	C24MIN125T	General Current Awareness I	C24MIN225T	General Current Awareness II

M

Department/Subject	PHYSICAL SCIENCES					
	Semester-I			Semester-II		
	4 credits			4 credits		
	Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course		
Chemistry	C24MIN131T	Chemistry-I	C24MIN231T	Chemistry-II		
	C24MIN131P	Chemistry-I Lab	C24MIN231P	Chemistry-II Lab		
Computer Science	C24MIN102T	Problem Solving using C	C24MIN202T	Internet and Web Design		
	C24MIN102P	Problem Solving using C Lab	C24MIN202P	Internet and Web Design Lab		
Electronics	C24MIN132T		C24MIN232T			
Geography	C24MIN109T	Resource Geography	C24MIN209T	Geography of Haryana		
	C24MIN109P	Resource Geography Lab				
Mathematics	C24MIN115T	Elementary Mathematics-I	C24MIN215T	Elementary Mathematics-II		
Physics	C24MIN133T	Mechanics	C24MIN233T	Electricity and Magnetism		
	C24MIN133P	Mechanics Lab	C24MIN233P	Electricity and Magnetism Lab		

MS

Department/Subject	LIFE SCIENCES			
	Semester-I		Semester-II	
	4 credits		4 credits	
Course Code	Nomenclature of the Course	Course Code	Nomenclature of the Course	
Biotechnology	C24MIN141T	Basics of Biotechnology	C24MIN241T	Fundamental of Biochemistry
	C24MIN141P	Basics of Biotechnology Lab	C24MIN241P	Fundamental of Biochemistry Lab
Botany	C24MIN142T		C24MIN242T	
Chemistry	C24MIN131T	Chemistry-I	C24MIN231T	Chemistry-II
	C24MIN131P	Chemistry-I Lab	C24MIN231P	Chemistry-II Lab
Zoology	C24MIN143T	Animal Diversity-I	C24MIN243T	Animal Diversity-II
	C24MIN143P	Animal Diversity-I Lab	C24MIN243P	Animal Diversity-II Lab

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UG Programme as per National Education Policy-2020

Pool of Skill Enhancement Course (SEC) for Scheme A, B, C and D

(w.e.f. Session 2024-25)

Skill Enhancement Courses (SEC): These courses aim at imparting practical skills, hands-on training, soft skills, etc. to enhance the employability of students. It consists of either 3 credit Lecture or 2 credits Lectures and 1 credit Practicum.

Department/ Subject	Arts, Humanities and Social Sciences					
	Semester-I 3 credits		Semester-II 3 credits		Semester-III 3 credits	
	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
Business Administration	C24SEC101T	GST Return Filing	C24SEC201T	Digital Marketing	C24SEC301T	Startup and Entrepreneurship
Commerce	C24SEC102T	Modern Advertising Tools	C24SEC202T	Business Communication Skills	C24SEC302T	Investment Planning Skills
	C24SEC102P	Modern Advertising Tools Lab				
Computer Science	C24SEC103T	Office Tools	C24SEC103T	Office Tools	C24SEC303T	Data Analysis using Excel
	OR	OR	OR	OR		
	C24SEC203T	Digital Efficiency Tools	C24SEC203T	Digital Efficiency Tools		
	C24SEC103P	Office Tools Lab	C24SEC103P	Office Tools Lab	C24SEC303P	Data Analysis using Excel Lab
	OR	OR	OR	OR		
	C24SEC203P	Digital Efficiency Tools Lab	C24SEC203P	Digital Efficiency Tools Lab		
Commercial Art, Designing and Painting	C24SEC104T	Introduction to Design	C24SEC204T	Art of Photography	C24SEC304T	
	C24SEC104P	Introduction to Design Lab	C24SEC204P	Art of Photography Lab		
Defence Studies	C24SEC105T	Study of Terrorism	C24SEC205T	Defence Journalism	C24SEC305T	
Economics	C24SEC106T	Computer Applications in Economics-I	C24SEC206T	Computer Applications in Economics-II	C24SEC306T	
	C24SEC106P	Computer Applications in	C24SEC206P	Computer Applications in	C24SEC306P	

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		Economics-I Lab		Economics-II Lab		
English	C24SEC107T	Soft Skills	C24SEC207T	Public Speaking and Presentation Skills in English	C24SEC307T	Professional Communication in English
	C24SEC107P	Soft Skills Lab	C24SEC207P	Public Speaking and Presentation Skills in English Lab	C24SEC307P	Professional Communication in English Lab
Fashion Designing	C24SEC108T	Basics of Clothing Construction	C24SEC208T	Hand Embroidery	C24SEC308T	
	C24SEC108P	Basics of Clothing Construction Lab	C24SEC208P	Hand Embroidery Lab	C24SEC308P	
Geography	C24SEC109T	Surveying Techniques	C24SEC209T	Interpretation of Maps and Toposheets	C24SEC309T	Cyber Security
	C24SEC109P	Surveying Techniques Lab	C24SEC209P	Interpretation of Maps and Toposheets Lab	C24SEC309P	Cyber Security Lab
Health and Physical Education	C24SEC110T	Health Education	C24SEC210T	Basic Anatomy and Physiology	C24SEC310T	
	C24SEC110P	Health Education Lab	C24SEC210P	Basic Anatomy and Physiology Lab	C24SEC310P	
Hindi	C24SEC111T	कर्मकीही हिंदी	C24SEC211T	पुनर्जातक लेखन	C24SEC311T	कार्यालय हिंदी
	C24SEC111P	कंप्यूटर और हिंदी दार्शनिक	C24SEC211P	साहित्यिक लेखन	C24SEC311P	
History	C24SEC112T	Glimpse of Ancient India	C24SEC212T	Glimpses of Medieval India	C24SEC312T	
Home Science	C24SEC113T	Hand Fabric and Printing Dyeing Techniques	C24SEC213T	Ice Cream and Chocolate Craft	C24SEC313T	
	C24SEC113P	Hand Fabric and Printing Dyeing Techniques Lab	C24SEC213P	Ice Cream and Chocolate Craft Lab	C24SEC313P	
Mass Communication and Video Production	C24SEC114T	Report Writing	C24SEC214T	Video Production	C24SEC314T	
	C24SEC114P	Report Writing Lab	C24SEC214P	Video Production Lab		
Mathematics	C24SEC129T (i)	Vector Calculus and Solid Geometry	C24SEC229T (i)	Numerical Methods	C24SEC329T	Special Functions and Transform Techniques
	C24SEC129P (i)	Vector Calculus and Solid Geometry Lab	C24SEC229P (i)	Numerical Methods Lab	C24SEC329P	Special Functions and Transform Techniques Lab
Mathematics (for Scheme C)	C24SEC129T (ii)	Mathematics in PYTHON	C24SEC129T (ii)	Mathematics in PYTHON		

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only)	C24SEC129P (ii)	Mathematics in PYTHON Lab	C24SEC129P (ii)	Mathematics in PYTHON Lab		
Music (Instrumental)	C24SEC115T	Practical Approach to Hindustani Music-1	C24SEC215T	Practical Approach to Hindustani Music-2	C24SEC315T	
	C24SEC115P	Practical Approach to Hindustani Music-1-Lab	C24SEC215P	Practical Approach to Hindustani Music-2 Lab	C24SEC315P	
Music (Vocal)	C24SEC116T	Basic Course for Harmonium and Tabla-1	C24SEC216T	Basic Course for Harmonium and Tabla-2	C24SEC316T	
	C24SEC116P	Basic Course for Harmonium and Tabla-1 Lab	C24SEC216P	Basic Course for Harmonium and Tabla-2 Lab	C24SEC316P	
Philosophy	C24SEC117T	Critical Thinking	C24SEC217T	Applied Reasoning in Philosophy	C24SEC317T	
Political Science	C24SEC118T	Introduction to Political Theory	C24SEC218T	Gender and Law in India	C24SEC318T	
	C24SEC119T	Assessment of Personality	C24SEC219T	Assessment of Intelligence	C24SEC319T	
Psychology	C24SEC119P	Assessment of Personality Lab	C24SEC219P	Assessment of Intelligence Lab		
	C24SEC120T	Public Office Administration	C24SEC220T	Office Processes	C24SEC320T	
Public Administration	C24SEC121T	संस्था प्रशासन	C24SEC221T	प्रशासनिक संस्थाएं	C24SEC321T	
Sociology	C24SEC122T	Gender and Society	C24SEC222T	Sociology for Social Problems	C24SEC322T	
Environmental Sciences	C24SEC123T	Water Quality Analysis	C24SEC223T	Food Waste and Byproduct Utilization	C24SEC323T	Waste Water Treatment
	C24SEC123P	Water Quality Analysis Lab	C24SEC223P	Food Waste and Byproduct Utilization Lab	C24SEC323P	Waste Water Treatment Lab
Computer Applications	C24SEC124T	PC Hardware and Networking	C24SEC224T	Web Design Basics using HTML		
	C24SEC124P	PC Hardware and Networking Lab	C24SEC224P	Web Design Basics using HTML Lab		
Mass Communication	C24SEC125T	Article Writing for Newspapers and Magazines	C24SEC225T	Feature Writing for Newspapers and Magazines		

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Department/ Subject	Sciences					
	Semester-I		Semester-II		Semester-III	
	3 credits		3 credits		3 credits	
Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	
Biotechnology	C24SEC126T	Biofertilizer and Biopesticide Production Technology	C24SEC226T	Medical Laboratory Technology	C24SEC326T	Bioinformatics
	C24SEC126P	Biofertilizer and Biopesticide Production Technology Lab	C24SEC226P	Medical Laboratory Technology Lab	C24SEC326P	Basics of Forensic Science Lab
Botany	C24SEC127T	Mushroom Cultivation	C24SEC227T	Organic Farming	C24SEC327T	Floriculture
	C24SEC127P	Mushroom Cultivation Lab	C24SEC227P	Organic Farming Lab	C24SEC327P	Floriculture Lab
Chemistry	C24SEC128T	Basic Laboratory Techniques	C24SEC228T	Chromatographic Techniques, Food and Water Analysis	C24SEC328T	Fuel Chemistry
	C24SEC128P	Basic Laboratory Techniques Lab	C24SEC228P	Chromatographic Techniques, Food and Water Analysis Lab	C24SEC328P	Fuel Chemistry Lab
Computer Science	C24SEC103T	Office Tools	C24SEC103T	Office Tools	C24SEC303T	Data Analysis using Excel
	OR	OR	OR	OR		
	C24SEC203T	Digital Efficiency Tools	C24SEC203T	Digital Efficiency Tools		
	C24SEC103P	Office Tools Lab	C24SEC103P	Office Tools Lab	C24SEC303P	Data Analysis using Excel Lab
Mathematics	C24SEC203P	Digital Efficiency Tools Lab	C24SEC203P	Digital Efficiency Tools Lab		
	C24SEC129T (i)	Vector Calculus and Solid Geometry	C24SEC229T (i)	Numerical Methods	C24SEC329T	Special Functions and Transform Techniques
Mathematics (for Scheme C only)	C24SEC129P (i)	Vector Calculus and Solid Geometry Lab	C24SEC229P (i)	Numerical Methods Lab	C24SEC329P	Special Functions and Transform Techniques Lab
	C24SEC129T (ii)	Mathematics in PYTHON	C24SEC129T (ii)	Mathematics in PYTHON		
	C24SEC125P	Article Writing for Newspapers and Magazines Lab	C24SEC225P	Feature Writing for Newspapers and Magazines Lab		

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	C24SEEC129P (ii)	Mathematics in PYTHON Lab	C24SEEC129P (ii)	Mathematics in PYTHON Lab		
Physics	C24SEEC130T	Instrumentation-I	C24SEEC230T	Instrumentation-II	C24SEEC330T	Numerical Techniques
	C24SEEC130P	Instrumentation-I Lab	C24SEEC230P	Instrumentation-II Lab	C24SEEC330P	Numerical Techniques Lab
Zoology	C24SEEC131T	Apiculture	C24SEEC231T	Fish Farming	C24SEEC331T	Vermiculture and Vermicomposting
	C24SEEC131P	Apiculture Lab	C24SEEC231P	Fish Farming Lab	C24SEEC331P	Vermiculture and Vermicomposting Lab
Electronics	C24SEEC132T	Linear Integrated Circuit Applications	C24SEEC232T	PCB Fundamentals	C24SEEC332T	Transducers
	C24SEEC123T	Water Quality Analysis	C24SEEC223T	Food Waste and Byproduct Utilization	C24SEEC323T	Waste Water Treatment
Environmental Sciences	C24SEEC123P	Water Quality Analysis Lab	C24SEEC223P	Food Waste and Byproduct Utilization Lab	C24SEEC323P	Waste Water Treatment Lab

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Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana
(‘A+’ NAAC Accredited State Govt. University)



UG Programme as per National Education Policy-2020

Pool of Value Added Course (VAC) for Scheme A, B, C and D

(w.e.f. Session 2024-25)

Value-Added Courses (VAC): These courses aim at enabling the students to acquire and demonstrate the acquisition of knowledge and understanding of human values, Indian Knowledge System (IKS), contemporary India, environmental science and education, digital and technical solutions, health and wellness, yoga education, sports and fitness, etc

Semester-I (Scheme A, B, C, D) 2 credits		Semester-II (Scheme A, B, C, D) 2 credits		Semester-III# (Scheme-C) 2 credits		Semester-IV# (Scheme A, B, C, D) 2 credits	
Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course	Course Code	Nomenclature of Course
C24VAC101T	Environmental Studies-I	C24VAC101T/ C24VAC301T	Environmental Studies-I/ Environmental Studies-II	C24VAC301T	Environmental Studies-II	C24VAC301T	Environmental Studies-II
C24VAC102T	Yoga and Meditation	C24VAC102T	Yoga and Meditation	C24VAC302T	Indian Biodiversity	C24VAC302T	Indian Biodiversity
C24VAC103T	Constitutional Values and Fundamental Duties	C24VAC103T	Constitutional Values and Fundamental Duties	C24VAC303T	Communication Ethics	C24VAC303T	Communication Ethics
C24VAC104T	Understanding India Through Literature	C24VAC104T	Understanding India Through Literature	C24VAC304T	Physics in Everyday Life	C24VAC304T	Physics in Everyday Life
C24VAC105T	Biodiversity and Wildlife Management	C24VAC105T	Biodiversity and Wildlife Management	C24VAC305T	Sustainable Development Goals	C24VAC305T	Sustainable Development Goals
C24VAC106T	Indian Social Reform	C24VAC106T	Indian Social Reform	C24VAC306T	Introduction to Indian Scientists	C24VAC306T	Introduction to Indian Scientists
C24VAC107T	Media Ethics	C24VAC107T	Media Ethics	C24VAC307T	Ecology and Environment	C24VAC307T	Ecology and Environment
C24VAC108T	History of Freedom Movement	C24VAC108T	History of Freedom Movement	C24VAC308T	NCC Activities and Training	C24VAC308T	NCC Activities and Training
C24VAC109T	Digital Empowerment	C24VAC109T	Digital Empowerment	C24VAC309T	Plants in Everyday Life	C24VAC309T	Plants in Everyday Life
C24VAC110T	Basics of Indian Astronomy	C24VAC110T	Basics of Indian Astronomy	C24VAC310T	NSS Activities and Training Programme	C24VAC310T	NSS Activities and Training Programme
C24VAC111T	Chemistry in Everyday Life	C24VAC111T	Chemistry in Everyday Life	C24VAC311T	YRC Activities and First Aid Training	C24VAC311T	YRC Activities and First Aid Training
C24VAC112T	Business Etiquettes	C24VAC112T	Business Etiquettes	C24VAC312T	Sports and Nutrition	C24VAC312T	Sports and Nutrition
C24VAC113T	Environmental Biotechnology	C24VAC113T	Environmental Biotechnology	C24VAC313T	Internet Ethics	C24VAC313T	Internet Ethics
C24VAC114T	Contributions of Indian Mathematicians	C24VAC114T	Contributions of Indian Mathematicians	C24VAC314T	Green Practices in Business	C24VAC314T	Green Practices in Business
C24VAC115T	Indian Polity and Economy	C24VAC115T	Indian Polity and Economy	C24VAC315T	Ethics of Computer Science	C24VAC315T	Ethics of Computer Science

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C24VAC116T		C24VAC116T		C24VAC3.6T	Agricultural Biotechnology	C24VAC316T	Agricultural Biotechnology
C24VAC117T	Children's Literature	C24VAC117T	Children's Literature	C24VAC3.7T	Creative Writing	C24VAC317T	Creative Writing
C24VAC118T	Basics of Medicinal Plants	C24VAC118T	Basics of Medicinal Plants	C24VAC3.8T	Cultural Geography of India	C24VAC318T	Cultural Geography of India
C24VAC119T	Electronic Components and Measuring Instruments	C24VAC119T	Electronic Components and Measuring Instruments	C24VAC319T	Indian Agriculture	C24VAC319T	Indian Agriculture
C24VAC120T	शरीरक संरूपण तथा शान्ति	C24VAC120T	शरीरक संरूपण तथा शान्ति	C24VAC320T	Electronics Communication	C24VAC320T	Electronics Communication
C24VAC121T	Psychology of Happiness and Well-being	C24VAC221T	Psychology of Everyday Life	C24VAC321T	Ethical Studies of Indian Tribes	C24VAC321T	Ethical Studies of Indian Tribes
C24VAC122T	E-Commerce	C24VAC122T	E-Commerce	C24VAC322T	भारतीय शान्ति एवं प्रगति	C24VAC322T	भारतीय शान्ति एवं प्रगति
C24VAC123T	Human Values and Ethics	C24VAC123T	Human Values and Ethics	C24VAC323T		C24VAC323T	
C24VAC124T	Marriage and Family Dynamics	C24VAC124T	Marriage and Family Dynamics	C24VAC324T	Chemicals in Food: Additives, Agrochemicals and Vitamins	C24VAC324T	Chemicals in Food: Additives, Agrochemicals and Vitamins
C24VAC125T	हिंदी साहित्य और मानव मूल्य	C24VAC125T	हिंदी साहित्य और मानव मूल्य	C24VAC325T	हिंदी साहित्य और संस्कृति	C24VAC325T	हिंदी साहित्य और संस्कृति
						C24VAC401T	Mathematical Modelling of Physical Systems
						C24VAC402T	Artificial Intelligence
						C24VAC403T	Environmental Ethics
						C24VAC404T	Science and Society
						C24VAC405T	Yoga: Philosophy and Practice
						C24VAC406T	Financial Literacy
						C24VAC407T	Polymers and their Applications
						C24VAC408T	Journey of Indian Space Satellite
						C24VAC409T	Literature and Ethics
						C24VAC410T	Health and Wellness
						C24VAC411T	Environmental Toxicology
						C24VAC412T	परिस्थायी नोकसाहित्य
50% of students of 1 st semester of College/Institute will be offered a course on Environmental Studies and the remaining 50% may opt other course. The student who opted other course in 1 st semester will opt Environmental Studies in the 2 nd semester. The two courses in both the semester will not be same.				Students will opt for one VAC from the pool in this category offered by College/ Institute. College/ Institute can offer any other value added course after getting approval from the University		Students will opt for one VAC from the pool in this category offered by College/ Institute. However, the course wherever opted in any semester should not be the same. College/ Institute can offer any other value added course after getting approval from the University	
				# MDOOCs of 2 credits of VAC may be opted by the students.			



Scheme of Examination for Affiliated Degree Colleges for the session 2024-25 (for Scheme A and B)

Name of the Programme:

According to National Education Policy-2020

FIRST YEAR

SEMESTER-I									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A1		4	4	30	70	100	3	
	OR								
	DSC-A1		3	3	20	50	70	2.5	
			1	2	10	20	30	3	
	DSC-B1		4	4	30	70	100	3	
	OR								
	DSC-B1		3	3	20	50	70	2.5	
			1	2	10	20	30	3	
	DSC-C1		4	4	30	70	100	3	
	OR								
DSC-C1		3	3	20	50	70	2.5		
		1	2	10	20	30	3		
Minor Course/ Vocational Course	MIC-1	To be opted from the Pool of MIC	2	2	15	35	50	2	
Multidisciplinary Course	MDC-1	To be opted from the Pool of MDC	3	3	25	50	75	2.5	
	OR								
	MDC-1	To be opted from the Pool of MDC	2	2	15	35	50	2	
			1	2	10	15	25	3	
Ability Enhancement Course	C24AEC101T OR C24AEC102T	English Language and Communication Skills: Level 1 OR हिंदी भाषा एवं सम्प्रवेश -1	2	2	15	35	50	2	
Skill Enhancement Course	SEC-1	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-1	To be opted from the Pool of SEC	2	2	15	35	50	2	
			1	2	10	15	25	3	
Value Added Course	C24VAC101T OR C24VAC.....	Environmental Studies-I OR To be opted from the Pool of VAC	2	2	15	35	50	2	
							24		600
SEMESTER-II									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A2		4	4	30	70	100	3	
	OR								
	DSC-A2		3	3	20	50	70	2.5	
			1	2	10	20	30	3	
	DSC-B2		4	4	30	70	100	3	
	OR								
	DSC-B2		3	3	20	50	70	2.5	
			1	2	10	20	30	3	
	DSC-C2		4	4	30	70	100	3	
	OR								
DSC-C2		3	3	20	50	70	2.5		
		1	2	10	20	30	3		
Minor Course/ Vocational Course	MIC-2	To be opted from the Pool of MIC	2	2	15	35	50	2	
Multidisciplinary Course	MDC-2	To be opted from the Pool of MDC	3	3	25	50	75	2.5	
	OR								
	MDC-2	To be opted from the Pool of MDC	2	2	15	35	50	2	
			1	2	10	15	25	3	
Ability Enhancement Course	C24AEC101T OR C24AEC102T	English Language and Communication Skills: Level 1 OR हिंदी भाषा एवं सम्प्रवेश -1	2	2	15	35	50	2	
Skill Enhancement Course	SEC-2	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-2	To be opted from the Pool of SEC	2	2	15	35	50	2	
			1	2	10	15	25	3	
Value Added Course	C24VAC101T OR C24VAC.....	Environmental Studies-I OR To be opted from the Pool of VAC	2	2	15	35	50	2	
							24		600

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Scheme of Examination for Affiliated Degree Colleges for the session 2024-25 (for Scheme C)

Name of the Programme:
According to National Education Policy-2020

FIRST YEAR

SEMESTER-I									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A1		4	4	30	70	100	3	
	OR								
	DSC-A1			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A2			4	4	30	70	100	3
	OR								
DSC-A2			3	3	20	50	70	2.5	
			1	2	10	20	30	3	
Minor Course/ Vocational Course	MIN-1	To be opted from the Pool of Minor	4	4	30	70	100	3	
	OR								
	MIN-1	To be opted from the Pool of Minor	3	3	20	50	70	2.5	
Multidisciplinary Course	MDC-1	To be opted from the Pool of MDC	1	2	10	20	30	3	
			3	3	25	50	75	2.5	
	OR								
MDC-1	To be opted from the Pool of MDC	2	2	15	35	50	2		
		1	2	10	15	25	3		
Ability Enhancement Course	C24AEC101T	English Language and Communication Skills: Level 1	2	2	15	35	50	2	
	OR C24AEC102T	हिंदी भाषा एवं सम्प्रेषण -1							
Skill Enhancement Course	SEC-1	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-1	To be opted from the Pool of SEC	2	2	15	35	50	2	
1			2	10	15	25	3		
Value Added Course	C24VAC101T	Environmental Studies-I	2	2	15	35	50	2	
	OR C24VAC.....	To be opted from the Pool of VAC							
							550		
SEMESTER-II									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A3		4	4	30	70	100	3	
	OR								
	DSC-A3			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A4			4	4	30	70	100	3
	OR								
DSC-A4			3	3	20	50	70	2.5	
			1	2	10	20	30	3	
Minor Course/ Vocational Course	MIN-2	To be opted from the Pool of Minor	4	4	30	70	100	3	
	OR								
	MIN-2	To be opted from the Pool of Minor	3	3	20	50	70	2.5	
Multidisciplinary Course	MDC-2	To be opted from the Pool of MDC	1	2	10	20	30	3	
			3	3	25	50	75	2.5	
	OR								
MDC-2	To be opted from the Pool of MDC	2	2	15	35	50	2		
		1	2	10	15	25	3		
Ability Enhancement Course	C24AEC101T	English Language and Communication Skills: Level 1	2	2	15	35	50	2	
	OR C24AEC102T	हिंदी भाषा एवं सम्प्रेषण -1							
Skill Enhancement Course	SEC-2	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-2	To be opted from the Pool of SEC	2	2	15	35	50	2	
1			2	10	15	25	3		
Value Added Course	C24VAC101T	Environmental Studies-I	2	2	15	35	50	2	
	OR C24VAC.....	To be opted from the Pool of VAC							
							550		



Scheme of Examination for Affiliated Degree Colleges for the session 2024-25 (for Scheme D)

Name of the Programme:
According to National Education Policy-2020

FIRST YEAR

SEMESTER-I									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A1		4	4	30	70	100	3	
	OR								
	DSC-A1			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A2			4	4	30	70	100	3
		OR							
	DSC-A2			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A3			4	4	30	70	100	3
		OR							
	DSC-A3			3	3	20	50	70	2.5
				1	2	10	20	30	3
Minor Course/ Vocational Course	MIC-1	To be opted from the Pool of MIC	2	2	15	35	50	2	
Multidisciplinary Course	MDC-1	To be opted from the Pool of MDC	3	3	25	50	75	2.5	
	OR								
	MDC-1	To be opted from the Pool of MDC		2	2	15	35	50	2
			1	2	10	15	25	3	
Ability Enhancement Course	C24AEC101T OR C24AEC102T	English Language and Communication Skills: Level 1 OR हिंदी भाषा एवं सम्प्रेषण -1	2	2	15	35	50	2	
Skill Enhancement Course	SEC-1	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-1	To be opted from the Pool of SEC		2	2	15	35	50	2
			1	2	10	15	25	3	
Value Added Course	C24VAC101T OR C24VAC.....	Environmental Studies-I OR To be opted from the Pool of VAC	2	2	15	35	50	2	
			24				600		
SEMESTER-II									
Type of Course	Course Code	Nomenclature of Paper/Course	Credits	Contact Hours	Internal Marks	External Marks	Total Marks	Duration of Exam (Hrs)	
Discipline Specific Course	DSC-A4		4	4	30	70	100	3	
	OR								
	DSC-A4			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A5			4	4	30	70	100	3
		OR							
	DSC-A5			3	3	20	50	70	2.5
				1	2	10	20	30	3
	DSC-A6			4	4	30	70	100	3
		OR							
	DSC-A6			3	3	20	50	70	2.5
				1	2	10	20	30	3
Minor Course/ Vocational Course	MIC-2	To be opted from the Pool of MIC	2	2	15	35	50	2	
Multidisciplinary Course	MDC-2	To be opted from the Pool of MDC	3	3	25	50	75	2.5	
	OR								
	MDC-2	To be opted from the Pool of MDC		2	2	15	35	50	2
			1	2	10	15	25	3	
Ability Enhancement Course	C24AEC101T OR C24AEC102T	English Language and Communication Skills: Level 1 OR हिंदी भाषा एवं सम्प्रेषण -1	2	2	15	35	50	2	
Skill Enhancement Course	SEC-2	To be opted from the Pool of SEC	3	3	25	50	75	2.5	
	OR								
	SEC-2	To be opted from the Pool of SEC		2	2	15	35	50	2
			1	2	10	15	25	3	
Value Added Course	C24VAC101T OR C24VAC.....	Environmental Studies-I OR To be opted from the Pool of VAC	2	2	15	35	50	2	
			24				600		

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