



**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/F-142/2025/ 7895-7942  
 Dated: 08/12/25

To

1. The Controller of Examinations  
GJUST, Hisar.
2. All Chairpersons/ Director, HSB  
University Teaching Departments  
GJUST, Hisar.
3. All Principals, Affiliated degree Colleges,  
GJUST, Hisar

**Sub: Regarding list of various pools i.e. DSC, VAC, AEC, SEC, MDC, MIC and VOC etc. for Undergraduate Programme(s) under NEP-2020 being run in affiliated degree College(s) w.e.f. academic session 2024-25.**

Sir/Madam,

I am directed to inform you that scheme of examinations and syllabi of Undergraduate programme(s) have already been approved by the Vice-Chancellor under Section 11(5) of the University Act, 1995 in anticipation of approval of the Academic Council and the same have also been circulated to quarter concerned. Now, the list of the various pools i.e. DSC, VAC, AEC, SEC, MDC, MIC and VOC etc. for Undergraduate programme(s) has prepared by the Nodal Officer, NEP-2020. The same has been approved by the Vice-Chancellor.

A copy of the list of the various pools i.e. DSC, VAC, AEC, SEC, MDC, MIC and VOC etc. for UG programme(s) is enclosed herewith. You are therefore requested to take further necessary action, accordingly.

DA: As above

*Amit*  
 8/12/25  
 Assistant Registrar (Academic)  
 for Dean Academic Affairs

Endst. No. Acad./AC-III/F-142/2025/ 7943-7957

Dated: 8/12/25

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

1. Dean Academic Affairs, GJUST, Hisar.
2. Dean of Colleges, GJUST, Hisar.
3. All Deans of the Faculties, GJUST, Hisar.
4. O.S.D to Vice-Chancellor (for kind information of the Vice-Chancellor), GJUST, Hisar.
5. P.A. to Registrar (for kind information of the Registrar), GJUST, Hisar.

*Dr. Vignesh to upload*

*Send PDF to Buscom*

*Am*  
 10/11/25

*Amit*  
 8/12/25  
 Assistant Registrar (Academic)



**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 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 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 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 Lab                                     | 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 Lab | 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 Organizational Behaviour              |
|                         | C24CHE101T  | Chemistry-I                                              | C24CHE201T  | Chemistry-II                                    | C24CHE301T/ C24MIC331T(i) | Chemistry-III Lab                                         | C24CHE401T     | Chemistry-IV                        | C24CHE501T     | Chemistry-V                                  | C24CHE601T     | Chemistry-VI                                |
| Chemistry               | C24CHE101P  | Chemistry-I Lab                                          | C24CHE201P  | Chemistry-II Lab                                | C24CHE301P/ C24MIC331P(i) | Chemistry-III Lab                                         | C24CHE401P     | Chemistry-IV Lab                    | C24CHE501P     | Chemistry-V Lab                              | C24CHE601P     | Chemistry-VI Lab                            |
|                         |             |                                                          |             |                                                 | C24CHE302T                | Inorganic Chemistry-I                                     | C24CHE402T     | Inorganic Chemistry-II              | C24CHE502T     | Inorganic Chemistry-III                      | C24CHE602T     | Organic Chemistry-III                       |
|                         |             |                                                          |             |                                                 | C24CHE302P                | Inorganic Chemistry-I Lab                                 | C24CHE402P     | Inorganic Chemistry-II Lab          | C24CHE502P     | Inorganic Chemistry-III Lab                  | C24CHE602P     | Organic Chemistry-III Lab                   |
|                         |             |                                                          |             |                                                 |                           |                                                           | C24CHE404T     | Physical Chemistry-II               | C24CHE503T     | Organic Chemistry-II                         | C24CHE603T     | Physical Chemistry-III                      |
|                         |             |                                                          |             |                                                 | C24CHE303T/ C24CHE403T    | Organic Chemistry-I                                       | C24CHE404P     | Physical Chemistry-II Lab           | C24CHE503P     | Organic Chemistry-II Lab                     | C24CHE603P     | Physical Chemistry-III Lab                  |
|                         |             |                                                          |             |                                                 | C24CHE303P/ C24MIC403P    | Organic Chemistry-I Lab                                   | C24CHE404P     | Physical Chemistry-II Lab           | C24CHE503P     | Organic Chemistry-II Lab                     | C24CHE603P     | Physical Chemistry-III Lab                  |
|                         |             |                                                          |             |                                                 | C24CHE304T                | Physical Chemistry-I                                      | C24CHE405T(i)  | Chemistry of Biomolecules           | C24CHE504T(i)  | Basic Food Chemistry                         | C24CHE604T(i)  | Organic Spectroscopy                        |
|                         |             |                                                          |             |                                                 | C24CHE304P                | Physical Chemistry-I Lab                                  | C24CHE405P(i)  | Chemistry of Biomolecules Lab       | C24CHE504P(i)  | Basic Food Chemistry Lab                     | C24CHE604P(i)  | Organic Spectroscopy Lab                    |
|                         |             |                                                          |             |                                                 |                           |                                                           | C24CHE405T(ii) | Nuclear and Environmental Chemistry | C24CHE504T(ii) | Chemistry of Cosmetics and Perfumes          | C24CHE604T(ii) | Molecular Spectroscopy                      |

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|                                         |            |                                                  |            |                                                        |            |                                               |               |                                                      |            |                                         |                 |                         |
|-----------------------------------------|------------|--------------------------------------------------|------------|--------------------------------------------------------|------------|-----------------------------------------------|---------------|------------------------------------------------------|------------|-----------------------------------------|-----------------|-------------------------|
| English                                 | C24FNG101T | Introduction to Short Story and Basic Grammar    | C24ENG201T | Introduction to Essay and Basic Composition            | C24E301T   | Introduction to Poetry and Phonetics          | C24ENG401T    | Introduction to Drama and Intermediate Grammar       | C24ENG501T | Introduction to Short Novel and Grammar | C24FCC0601T (u) | Environmental Economics |
| Electronics                             | C24ELE101T | Network Analysis                                 | C24ELE201T | Electronic Devices and Basic Digital electronics       | C24ELE301T | Combinational and Sequential Circuits         | C24ELE401T    | Operational Amplifier and Sinusoidal Oscillators     |            |                                         |                 |                         |
|                                         | C24ELE101P | Network Analysis Lab                             | C24ELE201P | Electronic Devices and Basic Digital electronics Lab   | C24ELE301P | Combinational and Sequential Circuits Lab     | C24ELE401P    | Operational Amplifier and Sinusoidal Oscillators Lab |            |                                         |                 |                         |
|                                         | C24FAD101T | Fundamentals of Fashion Designing                | C24FAD201T | Basics of Pattern making and garments construction     | C24FAD301T | Traditional Textile and Costumes of India     | C24FAD401T    | Basic of Garments Construction -II                   |            |                                         |                 |                         |
| Fashion Designing                       | C24FAD101P | Fundamentals of Fashion Designing Lab            | C24FAD201P | Basics of Pattern making and garments construction Lab | C24FAD301P | Traditional Textile and Costumes of India Lab | C24FAD401P    | Basic of Garments Construction -II Lab               |            |                                         |                 |                         |
|                                         | C24GEO101T | Geography of India                               | C24GEO201T | Human Geography                                        | C24GEO301T | Physical Geography                            | C24GEO401T    | Physical Geography-II                                | C24GEO501T |                                         | C24GEO601T      |                         |
| Geography                               | C24GEO101P | Geography of India Lab                           | C24GEO201P | Human Geography Lab                                    | C24GEO301P | Physical Geography Lab                        | C24GEO401P    | Physical Geography-II Lab                            | C24GEO501P |                                         | C24GEO601P      |                         |
|                                         | C24HPE101T | History and Foundation of Physical Education     | C24HPE201T | Sports Training                                        | C24HPE301T | Sport Psychology                              | C24HPE401T    | Sports Nutrition                                     |            |                                         |                 |                         |
| Health and Physical Education           | C24HPE101P | History and Foundation of Physical Education Lab | C24HPE201P | Sports Training Lab                                    | C24HPE301P | Sport Psychology Lab                          | C24HPE401P    | Sports Nutrition Lab                                 |            |                                         |                 |                         |
|                                         | C24HIN101T | हिंदी साहित्य-1                                  | C24HIN201T | हिंदी साहित्य-2                                        | C24HIN301T | काव्य एवं प्रयोजनमूलक हिंदी                   | C24HIN401T    | हिंदी गद्य का विकास एवं पारिभाषिक शब्दावली           | C24HIN501T |                                         | C24HIN601T      |                         |
| History                                 | C24HIS101T | Idea of Bharat                                   | C24HIS201T | History of India (From Earliest Times to 1206)         | C24HIS301T | History of India (1206-1757)                  | C24HIS401T    | History of India (1757-1947)                         |            |                                         |                 |                         |
| Home Science                            | C24HOS101T | Interior Decoration in Home                      | C24HOS201T | Family Resource Management                             | C24HOS301T | Textiles and Clothing                         | C24HOS401T    | Child Development                                    |            |                                         |                 |                         |
|                                         | C24HOS101P | Interior Decoration in Home Lab                  | C24HOS201P | Family Resource Management Lab                         | C24HOS301P | Textiles and Clothing Lab                     | C24HOS401P    | Child Development Lab                                |            |                                         |                 |                         |
| Mass Communication and Video Production | C24MCO101T | Introduction to Communication                    | C24MCO201T | Introduction to Electronic Media                       | C24MCO301T | Media Writing                                 | C24MCO401T    | General Current Awareness (Media)                    |            |                                         |                 |                         |
|                                         | C24MCO101P | Introduction to Communication Lab                | C24MCO201P | Introduction to Electronic Media Lab                   | C24MCO301P | Media Writing Lab                             | C24MCO401P    | General Current Awareness (Media) Lab                |            |                                         |                 |                         |
| Mathematics                             | C24MAT101T | Basic Algebra and Number Theory                  | C24MAT201T | Calculus                                               | C24MAT301T | Differential Equations                        | C24MAT401T    | Mechanics                                            | C24MAT501T |                                         | C24MAT601T      |                         |
|                                         | C24MAT101P | Basic Algebra and Number Theory Lab              | C24MAT201P | Calculus Lab                                           | C24MAT301P | Differential Equations Lab                    | C24MAT401P    | Mechanics Lab                                        | C24MAT501P |                                         | C24MAT601P      |                         |
|                                         |            |                                                  |            |                                                        | C24MAT303T | Ordinary Differential Equations               | C24MAT403T    | Partial Differential Equations                       |            |                                         |                 |                         |
|                                         |            |                                                  |            |                                                        | C24MAT304T | Trigonometry and Vector Analysis              | C24MAT404T    | Sequences and Series                                 |            |                                         |                 |                         |
|                                         |            |                                                  |            |                                                        | C24MAT305T | Numerical Computations                        | C24MAT405T(u) | Operations Research-I                                |            |                                         |                 |                         |









**Guru Jambheshwar University of Science and Technology, Hisar-125001, Haryana**  
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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 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 Practicum and 1 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       |
| Chemistry | C24CHE102T  | General Chemistry-I      | C24CHE202T  | General Chemistry-III     | C24CHE302T   | Inorganic Chemistry-I     | C24CHE402T  | Inorganic Chemistry-II                  | C24CHE502T  | Inorganic Chemistry-III                 | C24CHE602T  | Organic Chemistry-III        |
|           | C24CHE102P  | General Chemistry-I Lab  | C24CHE202P  | General Chemistry-III Lab | C24CHE302P   | Inorganic Chemistry-I Lab | C24CHE402P  | Inorganic Chemistry-II Lab              | C24CHE502P  | Inorganic Chemistry-III Lab             | C24CHE602P  | Organic Chemistry-III Lab    |
|           | C24CHE103T  | General Chemistry-II     | C24CHE203T  | General Chemistry-IV      | C24CHE304T   | Physical Chemistry-I      | C24CHE403T  | Organic Chemistry-I                     | C24CHE503T  | Organic Chemistry-II                    | C24CHE603T  | Physical Chemistry-III       |
|           | C24CHE103P  | General Chemistry-II Lab | C24CHE203P  | General Chemistry-IV Lab  | C24CHE304P   | Physical Chemistry-I Lab  | C24CHE403P  | Organic Chemistry-I Lab                 | C24CHE503P  | Organic Chemistry-II Lab                | C24CHE603P  | Physical Chemistry-III Lab   |
|           |             |                          |             |                           |              |                           | C24CHE404T  | Physical Chemistry-II                   | C24CHE504T  | Basic Food Chemistry                    | C24CHE604T  | Organic Spectroscopy         |
|           |             |                          |             |                           |              |                           | C24CHE404P  | Physical Chemistry-II Lab               | C24CHE504P  | Basic Food Chemistry Lab                | C24CHE604P  | Organic Spectroscopy Lab     |
| Economics |             |                          |             |                           |              |                           | C24CHE405T  | Chemistry of Biomolecules               | C24CHE504T  | Chemistry of Cosmetics and Perfumes     | C24CHE604T  | Molecular Spectroscopy       |
|           |             |                          |             |                           |              |                           | C24CHE405P  | Chemistry of Biomolecules Lab           | C24CHE504P  | Chemistry of Cosmetics and Perfumes Lab | C24CHE604P  | Molecular Spectroscopy Lab   |
|           |             |                          |             |                           |              |                           | C24CHE405T  | Nuclear and Environmental Chemistry     | C24CHE505T  | Applied Chemistry                       | C24CHE605T  | Polymer Chemistry            |
|           |             |                          |             |                           |              |                           | C24CHE405P  | Nuclear and Environmental Chemistry Lab | C24CHE505P  | Applied Chemistry Lab                   | C24CHE605P  | Polymer Chemistry Lab        |
|           |             |                          |             |                           |              |                           |             |                                         | C24CHE505T  | Industrial Inorganic Material           | C24CHE605T  | Green Chemistry              |
|           |             |                          |             |                           |              |                           |             |                                         | C24CHE505P  | Industrial Inorganic Material Lab       | C24CHE605P  | Green Chemistry Lab          |
|           |             |                          |             |                           |              |                           |             |                                         |             | Indian Economy-I                        | C24CHE606T  | Indian Economy-II            |
|           |             |                          |             |                           |              |                           |             |                                         |             | Mathematics for Economics-I             | C24CHE606T  | Mathematics for Economics-II |
|           |             |                          |             |                           |              |                           |             |                                         |             | Public Economics-I                      | C24CHE606T  | Public Economics-II          |
|           |             |                          |             |                           |              |                           |             |                                         |             | International Economics-I               | C24CHE606T  | International Economics-II   |



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|                    |             |                         |
|--------------------|-------------|-------------------------|
| Mass Communication | C24BM/C101T | Introduction Communical |
|                    | C24BM/C102T | Introduction Media      |
|                    | C24BM/C103T | Basic of Jour           |

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**UG Programme as per National Education Policy-2020**

**Minor Courses (MIC) for Scheme A, B and D  
Scheme C (Third Semester onwards)**

**(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 assist student in developing work-force relevant skills through practical work and enhances the employability of student. A student will study MIC in a subject other than the discipline of Discipline Specific Subjects/Courses and it consists of 2/4 credits Lectures.

| Subject                                 | Arts and Commerce                     |                                                        |             |                             |               |                                                                     |             |                                     |
|-----------------------------------------|---------------------------------------|--------------------------------------------------------|-------------|-----------------------------|---------------|---------------------------------------------------------------------|-------------|-------------------------------------|
|                                         | Semester-I                            |                                                        | Semester-II |                             | Semester-III  |                                                                     | Semester-VI |                                     |
|                                         | MIC-1<br>2 credits                    | 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    | Advanced Business Statistics                                        | C24MIC601T  | Purchasing and Materials Management |
|                                         |                                       |                                                        |             |                             | C24MIC301T(i) | AI in Business Application                                          |             |                                     |
|                                         |                                       |                                                        |             |                             | C24MIC301P(i) | AI in Business Application Lab                                      |             |                                     |
| 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)<br>OR<br>C24MIC103T(ii) | Business Mathematics<br>OR<br>Organizational Behaviour | C24MIC203T  | Basics of Digital Marketing | C24MIC303T    | Fundamentals of Startups and Entrepreneurship Development           | C24MIC603T  | Marketing Management                |
|                                         |                                       |                                                        |             |                             | C24MIC303P    | Fundamentals of Startups and Entrepreneurship Development (Project) |             |                                     |
|                                         |                                       |                                                        |             |                             |               | Fundamentals of Startups and Entrepreneurship Development (Project) |             |                                     |
| Commercial Arts, Designing and Painting | C24MIC104T                            | Introduction of Fine Arts                              | C24MIC204T  | Basics of Photography       | C24MIC304T    | Advertising Foundation-I                                            | C24MIC604T  |                                     |

|                               |            |                                                      |            |                                             |                           |                                                                                        |            |                                                  |
|-------------------------------|------------|------------------------------------------------------|------------|---------------------------------------------|---------------------------|----------------------------------------------------------------------------------------|------------|--------------------------------------------------|
| Defence Studies               | C24MIC105T | Introduction to Defence Studies                      | C24MIC205T | Public and Private Security Management      | C24MIC304P                | Commercial Arts Lab-I                                                                  | C24MIC605T |                                                  |
|                               |            |                                                      |            |                                             |                           | Economic Aspects of National Security, Practice of Civil Defence & Disaster Management |            |                                                  |
|                               |            |                                                      |            |                                             |                           | Economic Aspects of National Security, Practice of Civil Defence & Disaster Management |            |                                                  |
| Economics                     | C24MIC106T | Ancient Indian Economic History: Vedic Period to IBC | C24MIC206T | Indian Economy from Post-Independence       | C24MIC306T                | Financial Institutions and Markets                                                     | C24MIC606T | Budgetary Theory and Practice                    |
| English                       | C24MIC107T | Introduction to Short Story and Basic Grammar        | C24MIC207T | Introduction to Essay and Basic Composition | C24MIC307T/<br>C24ENG301T | Introduction to Poetry and Phonetics                                                   | C24MIC607T | Introduction to short Novel and Advanced Grammar |
| Fashion Designing             | C24MIC108T | Textile Science                                      | C24MIC208T | Traditional Textile of India                | C24MIC308T                | Fundamental of Apparel Designing                                                       | C24MIC608T |                                                  |
|                               |            |                                                      |            |                                             | C24MIC308P                | Fundamental of Apparel Designing Lab                                                   |            |                                                  |
| Geography                     | C24MIC109T | General Geography of India                           | C24MIC209T | Geography of Haryana                        | C24MIC309T                | Economic Geography                                                                     | C24MIC609T |                                                  |
|                               |            |                                                      |            |                                             | C24MIC309P                | Economic Geography Lab                                                                 |            |                                                  |
| Health and Physical Education | C24MIC110T | Olympics Movement                                    | C24MIC210T | Asian and Commonwealth Games                | C24MIC310T                | Physical Education and Sports                                                          | C24MIC610T |                                                  |
| Hindi                         | C24MIC111T | हिंदी का व्यावहारिक व्याकरण                          | C24MIC211T | पत्र लेखन                                   | C24MIC311T                | हिंदी भाषा और उसकी लिपि का विकास                                                       | C24MIC611T |                                                  |
| History                       | C24MIC112T | Indian National Movement                             | C24MIC212T | Indian History and Culture                  | C24MIC312T                | Ancient World                                                                          | C24MIC612T |                                                  |
| Home Science                  | C24MIC113T | Housing and Space Planning                           | C24MIC213T | Early Childhood Care and Education          | C24MIC313T                | Consumer Education                                                                     | C24MIC613T |                                                  |
|                               |            |                                                      |            |                                             | C24MIC313P                | Consumer Education Lab                                                                 |            |                                                  |



|                                         |            |                                                     |            |                                                         |            |                                         |            |                          |
|-----------------------------------------|------------|-----------------------------------------------------|------------|---------------------------------------------------------|------------|-----------------------------------------|------------|--------------------------|
| Mass Communication and Video Production | C24MIC114T | Communication Skills                                | C24MIC214T | Digital Media                                           | C24MIC314T | Visual Communication                    | C24MIC614T |                          |
|                                         | C24MIC115T | Sets and Sequences                                  |            |                                                         | C24MIC314P | Visual Communication Lab                |            |                          |
| Mathematics                             | C24MIC116T | Basic Concepts of Hindustani Music                  | C24MIC216T | Combinatorics and Geometry                              | C24MIC315T | Mathematical Statistics                 | C24MIC615T |                          |
| Music (Instrumental)                    | C24MIC117T | Basic Concepts of Hindustani Music (Vocal)          | C24MIC217T | Conceptual Approach to Hindustani Music                 | C24MIC316T | Basic Concepts of Hindustani Music-I    | C24MIC616T |                          |
| Music (Vocal)                           |            |                                                     |            | Conceptual Approach to Hindustani Music (Vocal)         | C24MIC317T | General Introduction of Music forms     | C24MIC617T |                          |
| Philosophy                              | C24MIC118T | Fundamentals of Indian Philosophy                   | C24MIC218T |                                                         | C24MIC317P | General Introduction of Music forms Lab |            |                          |
| Political Science                       | C24MIC119T | Fundamentals of Political Science-I                 | C24MIC219T | Fundamentals of Western Philosophy                      | C24MIC318T | Introduction to Ethics                  | C24MIC618T |                          |
| Psychology                              | C24MIC120T | Understanding Psychology-I                          | C24MIC220T | Fundamentals of Political Science-II                    | C24MIC319T | State Politics in India                 | C24MIC619T |                          |
| Public Administration                   | C24MIC121T | Rural Local Government in India                     | C24MIC221T | Understanding Psychology-II                             | C24MIC320T | Cognitive Psychology                    | C24MIC620T | Guidance and Counselling |
| Sanskrit                                | C24MIC122T | वर्णव्याकरण- शिक्षा, संस्कृत चयनिका -पदभाग (1-10) च | C24MIC222T | Urban Local Government in India                         | C24MIC321T | Central Administration in India         | C24MIC621T |                          |
| Sociology                               | C24MIC123T | Basic Concepts of Sociology                         | C24MIC223T | वर्णव्याकरण- शिक्षा, संस्कृत चयनिका - गद्यभाग: च (1-10) | C24MIC322T | स्वभावसद्वदत्तम्                        | C24MIC622T |                          |
| Computer Applications                   | C24MIC124T | Information Technology                              | C24MIC224T | Indian Social System                                    | C24MIC323T | Marriage, Family & Kinship              | C24MIC623T |                          |
|                                         | C24MIC124T | Mathematical Foundation of Computer Science-I       | C24MIC224T | Database Technologies                                   | C24MIC324T | Theory of Computation                   |            |                          |
| Mass Communication                      | C24MIC125T | General Current Awareness I                         | C24MIC225T | Mathematical Foundation of Computer Science-II          |            |                                         |            |                          |
|                                         |            | General Current Awareness II                        |            |                                                         | C24MIC325T | General Current Awareness (Sciences)    |            |                          |

|        |                          |                    |                          |                 |            |                                              |  |
|--------|--------------------------|--------------------|--------------------------|-----------------|------------|----------------------------------------------|--|
| Yoga   | C24MIC126T<br>C25MIC126T | Foundation of Yoga | C24MIC226T<br>C25MIC226T | Yoga Philosophy | C24MIC326T | Human System<br>according to Yoga            |  |
|        |                          |                    |                          |                 | C24MIC326P | Human System<br>according to Yoga<br>Lab     |  |
| Sports |                          |                    |                          |                 | C24MIC327T | Athletic-Track<br>Events and Field<br>Events |  |

| Department/Subject | PHYSICAL SCIENCES       |                                          |                          |                                         |                           |                                                    |                          |                               |
|--------------------|-------------------------|------------------------------------------|--------------------------|-----------------------------------------|---------------------------|----------------------------------------------------|--------------------------|-------------------------------|
|                    | Semester-I<br>2 credits |                                          | Semester-II<br>2 credits |                                         | Semester-III<br>4 credits |                                                    | Semester-VI<br>4 credits |                               |
|                    | Course Code             | Nomenclature of<br>the Course            | Course Code              | Nomenclature<br>of the Course           | Course Code               | Nomenclature of<br>the Course                      | Course Code              | Nomenclature of<br>the Course |
| Chemistry          | C24MIC131T              | Basic Chemistry-I                        | C24MIC231T               | Basic Chemistry-II                      | C24MIC331T                | Basic Chemistry-III                                | C24MIC631T               | Basic Chemistry-IV            |
| Computer Science   | C24MIC102T              | Computing<br>Programming<br>Fundamentals | C24MIC202T               | Internet and Web<br>Design              | C24MIC302T                | Basics of<br>Software<br>Development               | C24MIC602T               | Operating System              |
| Electronics        | C24MIC132T              | Electronic<br>Components                 | C24MIC232T               | Understanding of<br>Computer<br>Systems | C24MIC332T                | Electronic<br>Instrumentation                      | C24MIC632T               | IC Fabrication<br>Technology  |
| Geography          | C24MIC109T              | General Geography<br>of India            | C24MIC209T               | Geography of<br>Haryana                 | C24MIC309T                | Economic<br>Geography                              |                          |                               |
|                    |                         |                                          |                          |                                         | C24MIC309P                | Economic                                           |                          |                               |
| Mathematics        | C24MIC115T              | Sets and Sequences                       | C24MIC215T               | Combinatorics<br>and Geometry           | C24MIC315T                | Mathematical<br>Statistics                         | C24MIC615T               |                               |
| Physics            | C24MIC133T              | Fundamentals of<br>Electronics-I         | C24MIC233T               | Fundamentals of<br>Electronics-II       | C24MIC333T                | Thermodynamics<br>and Statistical<br>Physics       | C24MIC633T               |                               |
|                    |                         |                                          |                          |                                         | C24MIC333P                | Thermodynamics<br>and Statistical<br>Physics Lab   |                          |                               |
|                    |                         |                                          |                          |                                         | C24MIC333T(i)             | Electronics<br>Instrumentation<br>(w.e.f. 2025-26) |                          |                               |



# Pool of Minor Courses (Vocational) [MIC(V)]

| Department/<br>Subject                        | Arts and Commerce                                            |                                                              |                                                              |                                                              |                                                              |                                          |             |                                                                      |  |  |
|-----------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|--------------------------------------------------------------|------------------------------------------|-------------|----------------------------------------------------------------------|--|--|
|                                               | Semester-III                                                 |                                                              | Semester-IV                                                  |                                                              | Semester-V                                                   |                                          | Semester-VI |                                                                      |  |  |
|                                               | MIC-3 (V)<br>2 credits<br>Lecture and 2 credits<br>Practicum | MIC-4 (V)<br>2 credits<br>Lecture and 2 credits<br>Practicum | MIC-5 (V)<br>2 credits<br>Lecture and 2 credits<br>Practicum | MIC-6 (V)<br>2 credits<br>Lecture and 2 credits<br>Practicum | MIC-7 (V)<br>2 credits<br>Lecture and 2 credits<br>Practicum |                                          |             |                                                                      |  |  |
|                                               | Course Code                                                  | Nomenclature of<br>the Course                                | Course Code                                                  | Nomenclature of<br>the Course                                | Course Code                                                  | Nomenclature of<br>the Course            | Course Code | Nomenclature of<br>the Course                                        |  |  |
| Business<br>Administration                    | C24VOC301T                                                   |                                                              | C24VOC401T                                                   | Data Analysis                                                | C24VOC501T                                                   | Statistical<br>Software                  | C24VOC601T  | Data<br>Visualization<br>Tools                                       |  |  |
|                                               | C24VOC301P                                                   |                                                              | C24VOC401P                                                   | Data Analysis Lab                                            | C24VOC501P                                                   | Statistical<br>Software Lab              | C24VOC601P  | Data<br>Visualization<br>Tools Lab                                   |  |  |
|                                               |                                                              |                                                              | C24VOC401T(i)                                                | Deep Learning and<br>Neural Networks                         |                                                              |                                          |             |                                                                      |  |  |
|                                               |                                                              |                                                              | C24VOC401P(i)                                                | Deep Learning and<br>Neural Networks<br>Lab                  |                                                              |                                          |             |                                                                      |  |  |
| Computer Science                              | C24VOC302T                                                   |                                                              | C24VOC402T                                                   | Basics of<br>Programming Using<br>R                          | C24VOC502T                                                   |                                          | C24VOC602T  |                                                                      |  |  |
|                                               | C24VOC302P                                                   |                                                              | C24VOC402P                                                   | R Programming Lab                                            | C24VOC502P                                                   |                                          | C24VOC602P  |                                                                      |  |  |
| Commerce                                      | C24VOC303T                                                   |                                                              | C24VOC403T                                                   | Goods & Service<br>Tax                                       | C24VOC503T                                                   | Computerized<br>Accounting<br>System     | C24VOC603T  | Application of<br>Artificial<br>Intelligence (AI)<br>in Business     |  |  |
|                                               | C24VOC303P                                                   |                                                              | C24VOC403P                                                   | Goods & Service<br>Tax Lab                                   | C24VOC503P                                                   | Computerized<br>Accounting<br>System Lab | C24VOC603P  | Application of<br>Artificial<br>Intelligence (AI)<br>in Business Lab |  |  |
| Commercial Arts,<br>Designing and<br>Painting | C24VOC304T                                                   |                                                              | C24VOC404T                                                   | Advertising<br>Foundation-IV                                 | C24VOC504T                                                   |                                          | C24VOC604T  |                                                                      |  |  |
|                                               | C24VOC304P                                                   |                                                              | C24VOC404P                                                   | Commercial Arts<br>Lab-II                                    | C24VOC504P                                                   |                                          | C24VOC604P  |                                                                      |  |  |
| Defence Studies                               | C24VOC305T                                                   |                                                              | C24VOC405T                                                   | Area Study of<br>North-East India,<br>Practice of NE India   | C24VOC505T                                                   |                                          | C24VOC605T  |                                                                      |  |  |
|                                               | C24VOC305P                                                   |                                                              | C24VOC405P                                                   | Area Study of<br>North-East India,                           | C24VOC505P                                                   |                                          | C24VOC605P  |                                                                      |  |  |



|                               |             |                               |  |            |                                                               |            |                                        |            |                                         |
|-------------------------------|-------------|-------------------------------|--|------------|---------------------------------------------------------------|------------|----------------------------------------|------------|-----------------------------------------|
| Economics                     | C24VOC306T  |                               |  | C24VOC406T | Practice of NE India Lab                                      | C24VOC506T | Primary Survey and Data Collection     | C24VOC606T | Data Analysis                           |
|                               | C24VOC306P  |                               |  | C24VOC406P | Indian Statistical System Lab                                 | C24VOC506P | Primary Survey and Data Collection Lab | C24VOC606P | Data Analysis Lab                       |
| English                       | C24VOC307T  |                               |  | C24VOC407T | International English Language Proficiency                    | C24VOC507T | Basics of Translation                  | C24VOC607T | English for Competitive Exams           |
|                               | C24VOC307   |                               |  | C24VOC407P | International English Language Proficiency Practical          | C24VOC507P | Basics of Translation Practical        | C24VOC607P | English for Competitive Exams Practical |
| Fashion Designing             | C24VOC308T  |                               |  | C24VOC408T | Pattern Making and Garment Construction                       | C24VOC508T |                                        | C24VOC608T |                                         |
|                               | C24VOC308P  |                               |  | C24VOC408P | Pattern Making and Garment Construction Lab                   | C24VOC508P |                                        | C24VOC608P |                                         |
| Geography                     | C24VOC309T  | Map, Scale and Projection     |  | C24VOC409T | Digital Cartography                                           | C24VOC509T |                                        | C24VOC609T |                                         |
|                               | C24VOC309P  | Map, Scale and Projection Lab |  | C24VOC409P | Digital Cartography Lab                                       | C24VOC509P |                                        | C24VOC609P |                                         |
| Health and Physical Education | C24VOC310T  |                               |  | C24VOC410T | Physical Education and Sports                                 | C24VOC510T |                                        | C24VOC610T |                                         |
|                               | C24VOC310P  |                               |  | C24VOC410P | Physical Education and Physical Lab                           | C24VOC510P |                                        | C24VOC610P |                                         |
| Hindi                         | C24VOC311T  |                               |  | C24VOC411T | विज्ञापन और हिंदी भाषा-4 (T)                                  | C24VOC511T |                                        | C24VOC611T |                                         |
|                               | C24VOC311P  |                               |  | C24VOC411P | प्रिंट एवं इलेक्ट्रॉनिक माध्यम के लिए विज्ञापन तैयार करना (P) | C24VOC511P |                                        | C24VOC611P |                                         |
| History                       | C24VOC312T  |                               |  | C24VOC412T | Medieval World                                                | C24VOC512T |                                        | C24VOC612T |                                         |
|                               | C24VOC312TP |                               |  | C24VOC412P | Medieval World Lab                                            | C24VOC512P |                                        | C24VOC612P |                                         |
| Home Science                  | C24VOC313T  |                               |  | C24VOC413T | Traditional embroideries of India                             | C24VOC513T |                                        | C24VOC613T |                                         |
|                               | C24VOC313P  |                               |  | C24VOC413P | Traditional embroideries of India Lab                         | C24VOC513P |                                        | C24VOC613P |                                         |

|                                         |            |                                     |            |                                                      |            |                                      |            |                               |
|-----------------------------------------|------------|-------------------------------------|------------|------------------------------------------------------|------------|--------------------------------------|------------|-------------------------------|
| Mass Communication and Video Production | C24VOC314T |                                     | C24VOC414T | Photography and Videography                          | C24VOC514T |                                      | C24VOC614T |                               |
|                                         | C24VOC314P |                                     | C24VOC414P | Photography and Videography Lab                      | C24VOC514P |                                      | C24VOC614P |                               |
| Mathematics                             | C24VOC315T | Financial Modeling                  | C24VOC415T | Applications of Mathematical Statistics              | C24VOC515T |                                      | C24VOC615T |                               |
|                                         | C24VOC315P | Financial Modeling Lab              | C24VOC415P | Statistical Computations with Spreadsheets Lab       | C24VOC515P |                                      | C24VOC615P |                               |
| Music (Instrumental)                    | C24VOC316T |                                     | C24VOC416T | Conceptual Approach to Hindustani Music-II           | C24VOC516T |                                      | C24VOC616T |                               |
|                                         | C24VOC316P |                                     | C24VOC416P | Conceptual Approach to Hindustani Music-II Practical | C24VOC516P |                                      | C24VOC616P |                               |
| Music (Vocal)                           | C24VOC317T |                                     | C24VOC417T | Conceptual Approach to Hindustani Music Vocal        | C24VOC517T |                                      | C24VOC617T |                               |
|                                         | C24VOC317P |                                     | C24VOC417P | Conceptual Approach to Hindustani Music Vocal Lab    | C24VOC517P |                                      | C24VOC617P |                               |
| Philosophy                              | C24VOC318T |                                     | C24VOC418T | Applied Ethics                                       | C24VOC518T |                                      | C24VOC618T |                               |
|                                         | C24VOC318P |                                     | C24VOC418P | Applied Ethics (Case based Project Report)           | C24VOC518P |                                      | C24VOC618P |                               |
| Political Science                       | C24VOC319T |                                     | C24VOC419T | Perspective in democracy                             | C24VOC519T |                                      | C24VOC619T |                               |
|                                         | C24VOC319P |                                     | C24VOC419P | Perspective in democracy (Report Writing)            | C24VOC519P |                                      | C24VOC619P |                               |
| Psychology                              | C24VOC320T |                                     | C24VOC420T | Child Psychology                                     | C24VOC520T | Introduction to Mental Disorders     | C24VOC620T | Organizational Psychology     |
|                                         | C24VOC320P |                                     | C24VOC420P | Child Psychology Lab                                 | C24VOC520P | Introduction to Mental Disorders Lab | C24VOC620P | Organizational Psychology Lab |
| Public Administration                   | C24VOC321T | Fundamentals of Indian Constitution | C24VOC421T | State Administration in India                        | C24VOC521T |                                      | C24VOC621T |                               |
|                                         | C24VOC321P | Fundamentals of                     | C24VOC421P | State                                                | C24VOC521P |                                      | C24VOC621P |                               |

|                    |            |                                                |            |                                                |                              |  |  |            |  |
|--------------------|------------|------------------------------------------------|------------|------------------------------------------------|------------------------------|--|--|------------|--|
| Sanskrit           | C24VOC322T | Indian Constitution (Project & Report Writing) | C24VOC422T | Administration in India (Field Visit & Report) | C24VOC522T                   |  |  | C24VOC622T |  |
|                    | C24VOC322P |                                                | C24VOC422P |                                                | C24VOC522P                   |  |  | C24VOC622P |  |
|                    | C24VOC323T |                                                | C24VOC423T |                                                | C24VOC523T                   |  |  | C24VOC623T |  |
| Sociology          | C24VOC323P | Rural Sociology Field Work/ Report Writing     | C24VOC423P | Industrial Sociology Field Work/Report Writing | C24VOC523P                   |  |  | C24VOC623P |  |
|                    | C24VOC324T |                                                | C24VOC424T |                                                | Data Analytics R             |  |  |            |  |
|                    | C24VOC324P |                                                | C24VOC424P |                                                | Data Analytics R Lab         |  |  |            |  |
| Mass Communication | C24VOC325T | Human System according to Yoga                 | C24VOC425T | Computer for Print Media                       |                              |  |  |            |  |
|                    | C24VOC325P |                                                | C24VOC425P |                                                | Computer for Print Media Lab |  |  |            |  |
|                    | C24VOC325T |                                                | C24VOC426T |                                                | Hatha Yoga                   |  |  |            |  |
| Yoga               | C24VOC325P | Human System according to Yoga Lab             | C24VOC426P | Hatha Yoga Lab                                 |                              |  |  |            |  |
|                    |            |                                                |            |                                                |                              |  |  |            |  |
|                    |            |                                                |            |                                                |                              |  |  |            |  |
| Sports             |            |                                                |            |                                                |                              |  |  |            |  |
|                    |            |                                                |            |                                                |                              |  |  |            |  |
|                    |            |                                                |            |                                                |                              |  |  |            |  |

| Department/Subject | PHYSICAL SCIENCES                                      |                                                                      |                                                        |                                         |                                                        |                                                |                                                        |                            |
|--------------------|--------------------------------------------------------|----------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------|--------------------------------------------------------|------------------------------------------------|--------------------------------------------------------|----------------------------|
|                    | Semester-III                                           |                                                                      | Semester-IV                                            |                                         | Semester-V                                             |                                                | Semester-VI                                            |                            |
|                    | MIC-3 (V)<br>2 credits Lecture and 2 credits Practical |                                                                      | MIC-4 (V)<br>2 credits Lecture and 2 credits Practical |                                         | MIC-5 (V)<br>2 credits Lecture and 2 credits Practical |                                                | MIC-7 (V)<br>2 credits Lecture and 2 credits Practical |                            |
| Chemistry          | Course Code                                            | Nomenclature of the Course                                           | Course Code                                            | Nomenclature of the Course              | Course Code                                            | Nomenclature of the Course                     | Course Code                                            | Nomenclature of the Course |
|                    | C24VOC331T                                             | Analytical Methods for the Detection of Water and Soil Pollution     | C24VOC431T                                             | Cosmetic Chemistry                      | C24VOC531T                                             | Chemistry of Oils, Fats and Everyday Compounds | C24VOC631T                                             | Food Adulteration          |
|                    | C24VOC331P                                             | Analytical Methods for the Detection of Water and Soil Pollution Lab | C24VOC431P                                             | Cosmetic Chemistry Lab                  | C24VOC531P                                             | Chemistry of Oils, Fats and Everyday Compounds | C24VOC631P                                             | Food Adulteration Lab      |
| Computer Science   | C24VOC302T                                             |                                                                      | C24VOC402T                                             |                                         | C24VOC502T                                             |                                                | C24VOC602T                                             |                            |
|                    | C24VOC302P                                             |                                                                      | C24VOC402P                                             |                                         | C24VOC502P                                             |                                                | C24VOC602P                                             |                            |
| Electronics        | C24VOC332T                                             |                                                                      | C24VOC432T                                             | IC Fabrication Technology               | C24VOC532T                                             |                                                | C24VOC632T                                             |                            |
|                    | C24VOC332P                                             |                                                                      | C24VOC432P                                             | IC Fabrication Technology Lab           | C24VOC532P                                             |                                                | C24VOC632P                                             |                            |
| Geography          | C24VOC309T                                             | Map, Scale and Projection                                            | C24VOC409T                                             | Digital Cartography                     | C24VOC509T                                             |                                                | C24VOC609T                                             |                            |
|                    | C24VOC309P                                             | Map, Scale and Projection Lab                                        | C24VOC409P                                             | Digital Cartography Lab                 | C24VOC509P                                             |                                                | C24VOC609P                                             |                            |
| Mathematics        | C24VOC315T                                             | Financial Modeling                                                   | C24VOC415T                                             | Applications of Mathematical Statistics | C24VOC515T                                             |                                                | C24VOC615T                                             |                            |
|                    | C24VOC315P                                             |                                                                      | C24VOC415P                                             |                                         | C24VOC515P                                             |                                                | C24VOC615P                                             |                            |
| Physics            | C24VOC333T                                             | Thermodynamics                                                       | C24VOC433T                                             | Introduction to Optics                  | C24VOC533T                                             |                                                | C24VOC633T                                             |                            |
|                    | C24VOC333P                                             | Thermodynamics Lab                                                   | C24VOC433P                                             | Introduction to Optics Lab              | C24VOC533P                                             |                                                | C24VOC633P                                             |                            |
|                    |                                                        |                                                                      |                                                        |                                         |                                                        |                                                |                                                        |                            |



Department/Subject

LIFE SCIENCES

|               | Semester-IV                                            |                            | Semester-V                                             |                            | Semester-VI                                            |                            |
|---------------|--------------------------------------------------------|----------------------------|--------------------------------------------------------|----------------------------|--------------------------------------------------------|----------------------------|
|               | MIC-3 (V)<br>2 credits Lecture and 2 credits Practical |                            | MIC-4 (V)<br>2 credits Lecture and 2 credits Practical |                            | MIC-5 (V)<br>2 credits Lecture and 2 credits Practical |                            |
|               | Course Code                                            | Nomenclature of the Course | Course Code                                            | Nomenclature of the Course | Course Code                                            | Nomenclature of the Course |
| Biotechnology | C24VOC341T                                             |                            | C24MIC441T                                             |                            | C24MIC541T                                             | C24MIC641T                 |
|               | C24VOC341P                                             |                            | C24MIC441P                                             |                            | C24MIC541P                                             | C24MIC641P                 |
|               | C24VOC342T                                             |                            | C24MIC442T                                             |                            | C24MIC542T                                             | C24MIC642T                 |
| Botany        | C24VOC342P                                             |                            | C24MIC442P                                             |                            | C24MIC542P                                             | C24MIC642P                 |
|               | C24VOC331T                                             |                            | C24MIC431T                                             |                            | C24MIC531T                                             | C24MIC631T                 |
| Chemistry     | C24VOC331P                                             |                            | C24MIC431P                                             |                            | C24MIC531P                                             | C24MIC631P                 |
|               | C24VOC343T                                             |                            | C24VOC443T                                             | Animal Behaviour           | C24VOC543T                                             | Pest Management            |
| Zoology       | C24VOC343P                                             |                            | C24VOC443P                                             | Animal Behaviour Lab       | C24VOC543P                                             | Pest Management Lab        |
|               |                                                        |                            |                                                        |                            |                                                        |                            |



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



**UG Programme as per National Education Policy-2020**

**Minor Courses (MIN) for Scheme C for First Year only**

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

**Minor Courses (MIN):** 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.

| Subject                                 | Arts and Commerce  |                                               |                    |                                             |
|-----------------------------------------|--------------------|-----------------------------------------------|--------------------|---------------------------------------------|
|                                         | Semester-I         |                                               | Semester-II        |                                             |
|                                         | MIN-1<br>4 credits |                                               | MIN-2<br>4 credits |                                             |
|                                         | Course Code        | Nomenclature of the Course                    | Course Code        | Nomenclature of the Course                  |
| Business Administration                 | C24MIN101T         |                                               | C24MIN201T         |                                             |
| Computer Science                        | C24MIN102T         | Problem Solving using C                       | C24MIN202T         | Internet and Web Design                     |
|                                         |                    |                                               | C24MIN202P         | Internet and Web Design Lab                 |
| Commerce                                | C24MIN103T         |                                               | C24MIN203T         |                                             |
| Commercial Arts, Designing and Painting | C24MIN104T         | Introduction of Fine Arts                     | C24MIN204T         | Basics of Photography                       |
| Defence Studies                         | C24MIN105T         | Introduction to Defence Studies               | C24MIN205T         | Public and Private Security Management      |
| Economics                               | C24MIN106T         | Statistics for Economics-I                    | C24MIN206T         | Statistics for Economics-II                 |
| English                                 | C24MIN107T         | Introduction to Short Story and Basic Grammar | C24MIN207T         | Introduction to Essay and Basic Composition |
| Fashion Designing                       | C24MIN108T         | Textile Science                               | C24MIN208T         | Traditional textile & Costumes of India     |
| Geography                               | C24MIN109T         | Resource Geography                            | C24MIN209T         | Geography of Haryana                        |
|                                         | C24MIN109P         | Resource Geography Lab                        |                    |                                             |
| Health and Physical Education           | C24MIN110T         | Olympics Movement                             | C24MIN210T         | Asian and Commonwealth Games                |
| Hindi                                   | C24MIN111T         | हिंदी का व्यावहारिक व्याकरण                   | C24MIN211T         | पत्र लेखन                                   |

|                                         |            |                                                        |            |                                                       |
|-----------------------------------------|------------|--------------------------------------------------------|------------|-------------------------------------------------------|
| 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 | वर्णोच्चारण- शिक्षा, संस्कृतचयनिका -- पद्यभाग (1-10) च | C24MIN222T | वर्णोच्चारण- शिक्षा, संस्कृतचयनिका - गद्यभाग (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                          |
| Yoga                                    | C24MIN126T | Foundation of Yoga                                     | C24MIN226T | Yoga Philosophy                                       |
| Sports                                  |            |                                                        |            |                                                       |

| 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              |
|             | C24MIN102T        |                            | C24MIN202T  |                               |
| Electronics | C24MIN132T        |                            | C24MIN232T  |                               |
| Geography   | C24MIN109T        |                            | C24MIN209T  |                               |
| Mathematics | C24MIN115T        | Elementary Mathematics-I   | C24MIN215T  | Elementary Mathematics-II     |
| Physics     | C24MIN133T        | Mechanics                  | C24MIN233T  | Electricity and Magnetism     |
|             | C24MIN133P        | Mechanics Lab              | C24MIN233P  | Electricity and Magnetism Lab |

| 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 |
|               | 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         |





**Guru Jambheshwar University of Science and Technology**  
Hisar-125001, Haryana  
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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 Subjects/Courses, Minor subjects/courses and opted in 10+2 to gain knowledge across the disciplines. It consists of either 3 credit Lectures or 2 credits Lectures and 1 credit Practicum.

| 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                                                                                                                                        | Course Code              | Nomenclature of the Course                             |    |
| 1       | Biotechnology           | C24MDC101T<br>C24MDC101P | Applied Biology-I<br>Applied Biology-I Lab                   | C24MDC201T<br>C24MDC201P | Applied Biology-II<br>Applied Biology-II Lab                                             | C24MDC301T<br>C24MDC301P              | Applied Biology-III<br>Applied Biology-III Lab                                                                                                                    | C24MDC302T<br>C24MDC302P | Plants in Everyday Life<br>Plants in Everyday Life Lab |    |
| 2       | Botany                  | C24MDC102T<br>C24MDC102P | Basics of Botany<br>Basics of Botany Lab                     | C24MDC202T<br>C24MDC202P | Nursery and Gardening<br>Nursery and Gardening Lab                                       | C24MDC302T<br>C24MDC302P              | Plants in Everyday Life<br>Plants in Everyday Life Lab                                                                                                            |                          |                                                        |    |
| 3       | Business Administration | C24MDC103T               | E-Commerce                                                   | C24MDC203T               | Negotiation and Conflicts Management Skills                                              | C24MDC303T                            | Emotional Intelligence and Strategic Thinking                                                                                                                     |                          |                                                        |    |
| 4       | Chemistry               | C24MDC104T<br>C24MDC104P | Chemistry of Oils and Dyes<br>Chemistry of Oils and Dyes Lab | C24MDC204T<br>C24MDC204P | Chemistry of Soil and Everyday Compounds<br>Chemistry of Soil and Everyday Compounds Lab | C24MDC304T<br>C24MDC304P              | Energy Resources and Water Treatment<br>Energy Resources and Water Treatment Lab                                                                                  |                          |                                                        |    |
| 5       | Computer Science        | C24MDC105T<br>C24MDC105P | Information Technology<br>Information Technology Lab         | C24MDC205T<br>C24MDC205P | Internet and Web Design<br>Internet and Web Design Lab                                   | C24MDC305T<br>C24MDC305P              | C Programming<br>C Programming Lab                                                                                                                                |                          |                                                        |    |
| 6       | Commerce                | C24MDC106T<br>C24MDC106P | Fundamentals of Banking<br>Fundamentals of Banking Lab       | C24MDC206T<br>C24MDC206P | Basics of Digital Marketing<br>Basics of Digital Marketing Lab                           | C24MDC306T(i)<br>OR<br>C24MDC306T(ii) | Fundamentals of Insurance<br>OR<br>Fundamentals of Startups and Entrepreneurship Development<br>Fundamentals of Startups and Entrepreneurship Development Project |                          |                                                        | OR |

|    |                                         |            |                                                       |            |                                          |                 |                                                       |
|----|-----------------------------------------|------------|-------------------------------------------------------|------------|------------------------------------------|-----------------|-------------------------------------------------------|
| 7  | Commercial Art, Designing and Painting  | C24MDC107T | Basics of Fine Arts-I                                 | C24MDC207T | Basics of Fine Arts-II                   | C24MDC306T(iii) | E-Commerce                                            |
|    |                                         | C24MDC107P | Basics of Fine Arts-I Lab                             | C24MDC207P | Basics of Fine Arts-II Lab               | C24MDC307T      | Advertising Foundation-II                             |
|    |                                         | C24MDC108T | Introduction to Military History                      | C24MDC208T | Introduction to Military Studies         | C24MDC307P      | Basics of Advertising Lab                             |
| 9  | Economics                               | C24MDC109T | Understanding Union Budget                            | C24MDC209T | Economics of Banking and Finance         | C24MDC308T      | Area Study of Western Boundary States & W. Bengal     |
| 10 | English                                 | C24MDC110T | Literature and Society                                | C24MDC210T | Functional English Grammar               | C24MDC309T      | Economics of Education                                |
| 11 | Electronics                             | C24MDC111T | Electronics in Daily Life                             | C24MDC211T | Basic Analog Electronics                 | C24MDC310T      | Writing for Digital Platforms                         |
| 12 | Fashion Designing                       | C24MDC112T | Clothing Construction-I                               | C24MDC212T | Clothing Construction-II                 | C24MDC311T      | Basic Electronic Components and Devices               |
| 13 | Health and Physical Education           | C24MDC112P | Clothing Construction-I Lab                           | C24MDC212P | Clothing Construction-II Lab             | C24MDC312T      | Clothing Care and Maintenance                         |
|    |                                         | C24MDC113T | Fundamentals of Physical Education                    | C24MDC213T | Fundamentals of Yoga                     | C24MDC312P      | Clothing Care and Maintenance Lan                     |
|    |                                         | C24MDC113P | Fundamentals of Physical Education Lab                | C24MDC213P | Fundamentals of Yoga Lab                 | C24MDC313T      | Basics of Naturopathy                                 |
| 14 | Geography                               | C24MDC114T | General Geography                                     | C24MDC214T | Physical Geography of India              | C24MDC313P      | Naturopathy Lab                                       |
| 15 | Hindi                                   | C24MDC115T | सोशल मीडिया और हिंदी भाषा                             | C24MDC215T | आलोचनात्मक अध्ययन                        | C24MDC314T      | General Geography of World                            |
| 16 | History                                 | C24MDC116T | History of Haryana-I (From Harappan Age to 1526 A.D.) | C24MDC216T | History of Haryana-II                    | C24MDC315T      | हिंदी सिनेमा और उसका अध्ययन                           |
| 17 | Home Science                            | C24MDC117T | Health and Hygiene                                    | C24MDC217T | Basics of Fashion Design                 | C24MDC316T      | Cultural Heritage of Haryana                          |
| 18 | Mass Communication and Video Production | C24MDC117P | Health and Hygiene Lab                                | C24MDC217P | Basics of Fashion Design Lab             | C24MDC317T      | Basics of Food and Nutrition                          |
|    |                                         | C24MDC118T | Short Film Production                                 | C24MDC218T | Public Speaking and Creative Writing     | C24MDC317P      | Basics of Food and Nutrition Lab                      |
|    |                                         | C24MDC118P | Short Film Production Lab                             | C24MDC218P | Public Speaking and Creative Writing Lab | C24MDC318T      | Documentary Productions                               |
| 19 | Mathematics                             | C24MDC119T | Mathematics for Everyday Life                         | C24MDC219T | Financial Mathematics                    | C24MDC318P      | Documentary Productions Lab                           |
|    |                                         |            |                                                       |            |                                          | C24MDC319T      | Applications of Mathematical Statistics in daily life |

|                                                                                                                                                                                                                |                          |                          |                                                                   |            |                                                            |            |                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|--------------------------|-------------------------------------------------------------------|------------|------------------------------------------------------------|------------|-----------------------------------------------------------------------------|
| 20                                                                                                                                                                                                             | Music<br>(Instrumental)  | C24MDC120T<br>C24MDC120P | Fundamentals of<br>Hindustani Music                               | C24MDC220T | Fundamental Approach to<br>Hindustani Music                | C24MDC320T | Fundamentals of Hindustani<br>Music-I                                       |
| 21                                                                                                                                                                                                             | Music (Vocal)            | C24MDC121T               | Fundamentals of<br>Hindustani Music Lab                           | C24MDC220P | Fundamental Approach to<br>Hindustani Music Lab            | C24MDC320P | Fundamentals of Hindustani<br>Music-I Practical                             |
|                                                                                                                                                                                                                |                          | C24MDC121P               | Terminology of<br>Hindustani Music<br>(Vocal)                     | C24MDC221T | Fundamental Approach to<br>Hindustani Music (Vocal)        | C24MDC321T | Film Music                                                                  |
| 22                                                                                                                                                                                                             | Philosophy               | C24MDC122T               | Terminology of<br>Hindustani Music<br>(Vocal) Lab                 | C24MDC221P | Fundamental Approach to<br>Hindustani Music (Vocal)<br>Lab | C24MDC321P | Film Music Lab                                                              |
| 23                                                                                                                                                                                                             | Physics                  | C24MDC123T               | Philosophy of Mahatma<br>Gandhi                                   | C24MDC222T | Philosophy of Law                                          | C25MDC322T | The Teaching of Raman<br>Maharshi (20 <sup>th</sup> Century<br>Indian sage) |
|                                                                                                                                                                                                                |                          | C24MDC123P               | Fundamentals of<br>Physics-I                                      | C24MDC223T | Fundamentals of Physics-<br>II                             | C24MDC323T | Introductory Modern<br>Physics                                              |
|                                                                                                                                                                                                                |                          | C24MDC124T               | Fundamentals of<br>Physics-I Lab                                  | C24MDC223P | Fundamentals of Physics-<br>II Lab                         | C24MDC323P | Introductory Modern<br>Physics Lab                                          |
| 24                                                                                                                                                                                                             | Political Science        | C24MDC125T               | Indian Polity-I                                                   | C24MDC224T | Indian Polity-II                                           | C24MDC324T | Indian Polity - III                                                         |
| 25                                                                                                                                                                                                             | Psychology               | C24MDC126T               | Stress Management                                                 | C24MDC225T | Personality Development                                    | C24MDC325T | Positive Psychology                                                         |
| 26                                                                                                                                                                                                             | Public<br>Administration | C24MDC127T               | Public Administration in<br>India                                 | C24MDC226T | Public Financial<br>Administration                         | C24MDC326T | Introduction to Indian<br>Constitution                                      |
| 27                                                                                                                                                                                                             | Sanskrit                 | C24MDC128T               | संस्कृत साहित्ये राष्ट्रवाद,<br>यज्ञ प्रक्रियायाः वैज्ञानिकधारश्च | C24MDC227T | योगसुवेदश्च                                                | C24MDC327T | किराताजुनीयं नीतिशतकं च                                                     |
| 28                                                                                                                                                                                                             | Sociology                | C24MDC129T               | Principles of Sociology                                           | C24MDC228T | Indian Society and Culture                                 | C24MDC328T | Contemporary Issues in<br>Indian Society                                    |
| 29                                                                                                                                                                                                             | Zoology                  | C24MDC129P               | Basics of Zoology-I                                               | C24MDC229T | Basics of Zoology-II                                       | C24MDC329T | Basics of Zoology-III                                                       |
| 30                                                                                                                                                                                                             | Environmental<br>Science | C24MDC130T               | Basics of Zoology-I Lab                                           | C24MDC229P | Basics of Zoology-II Lab                                   | C24MDC329P | Basics of Zoology-III Lab                                                   |
| 31                                                                                                                                                                                                             | Applied Biology          | C24MDC131T               | Environmental Issues in<br>India                                  | C24MDC230T | Disaster Management                                        | C24MDC330T | Atmospheric Chemistry                                                       |
| 32                                                                                                                                                                                                             | Computer<br>Applications | C24MDC132T               | Natural Plant Resources<br>and Conservation                       | C24MDC231T | Nutritional and Medicinal<br>Plants                        | C24MDC331T | Botany in Everyday Life                                                     |
|                                                                                                                                                                                                                |                          | C24MDC132P               | Foundations of<br>Computer Science                                | C24MDC232T | Internet and Web Design                                    | C24MDC332T | C Programming                                                               |
|                                                                                                                                                                                                                |                          | C24MDC133T               | Foundations of<br>Computer Science Lab                            | C24MDC232P | Internet and Web Design<br>Lab                             | C24MDC332P | C Programming Lab                                                           |
| 33                                                                                                                                                                                                             | Mass<br>Communication    | C24MDC134T               | Idea Generation and<br>Creativity                                 | C24MDC233T | Content Development for<br>Digital Platforms               | C24MDC333T | Science Communication                                                       |
| 34                                                                                                                                                                                                             | Yoga                     | C24MDC134T               | Fundamentals of Yoga-I                                            | C24MDC234T | Fundamentals of Yoga-II                                    | C24MDC334T | Fundamentals of Yoga-III                                                    |
| # MOOCs of 3 credits may be opted by the students in 2 <sup>nd</sup> semester and/or 3 <sup>rd</sup> semester after approval from the Principal of the College with notification/intimation to the University. |                          |                          |                                                                   |            |                                                            |            |                                                                             |



**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                                                                                                                                                                                                     |                                                    |                                                                                                                                                                                                                | Semester-II                                        |                                                                                                                                                                                           | Semester-III#                                      |                                                                                                                                                                                           | Semester-IV#                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------|
| 2 credits                                                                                                                                                                                                      |                                                    |                                                                                                                                                                                                                | 2 credits                                          |                                                                                                                                                                                           | 2 credits                                          |                                                                                                                                                                                           | 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 सम्प्रेषण-1                         | C24AEC301T                                                                                                                                                                                | English Language and Communication Skills: Level 2 | C24AEC301T                                                                                                                                                                                | English Language and Communication Skills: Level 2 |
| C24AEC102T                                                                                                                                                                                                     | हिंदी भाषा एवं सम्प्रेषण-1                         | C24AEC101T                                                                                                                                                                                                     | English Language and Communication Skills: Level 1 | C24AEC302T                                                                                                                                                                                | हिंदी निबंध लेखन-3                                 | C24AEC302T                                                                                                                                                                                | हिंदी निबंध लेखन-3                                 |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    | C24AEC303T                                                                                                                                                                                | संस्कृत साहित्य नाट्य एवं रंगमंच:                  | C24AEC303T                                                                                                                                                                                | संस्कृत साहित्य नाट्य एवं रंगमंच:                  |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    | C24AEC304T                                                                                                                                                                                | उपनिषद्-गीतानुसारं जीवनदर्शनम्                     | C24AEC304T                                                                                                                                                                                | उपनिषद्-गीतानुसारं जीवनदर्शनम्                     |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    | C24AEC305T                                                                                                                                                                                | Foreign Language or any other Language             | C24AEC305T                                                                                                                                                                                | Foreign Language or any other Language             |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    | C24AEC306T                                                                                                                                                                                | संस्कृत भाषा एवं सम्प्रेषण -3                      | C24AEC306T                                                                                                                                                                                | संस्कृत भाषा एवं सम्प्रेषण -3                      |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                           |                                                    | C24AEC401T                                                                                                                                                                                | संस्कृत भाषा एवं सम्प्रेषण -4                      |
|                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                                                |                                                    |                                                                                                                                                                                           |                                                    | C24AEC402T                                                                                                                                                                                | रामच एवं रंग विधान-4                               |
| 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 <sup>st</sup> 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.                |                                                    |                                                                                                                                                                                           |                                                    |





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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 Lectures or 2 credits Lectures and 1 credit Practicum.

| Subject                                | Arts, Humanities and Social 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                     |
| Business Administration                | C24SEC101T                           | GST Return Filing                                      | C24SEC201T                     | Digital Marketing                                      | C24SEC301T   | Fintech Basics and Business Intelligence   |
|                                        |                                      |                                                        |                                |                                                        | C24SEC301P   | Entrepreneurship and New Business Creation |
| Commerce                               | C24SEC102T                           | Modern Advertising Tools                               | C24SEC202T                     | Business Communication Skills                          | C24SEC302T   | Investment Planning Skills                 |
|                                        | C24SEC102P                           | Modern Advertising Tools Lab                           |                                |                                                        |              |                                            |
| Computer Science                       | C24SEC103T<br>OR<br>C24SEC203T       | Office Tools<br>OR<br>Digital Efficiency Tools         | C24SEC103T<br>OR<br>C24SEC203T | Office Tools<br>OR<br>Digital Efficiency Tools         | C24SEC303T   | Data Analysis using Excel                  |
|                                        | C24SEC103P<br>OR<br>C24SEC203P       | Office Tools Lab<br>OR<br>Digital Efficiency Tools Lab | C24SEC103P<br>OR<br>C24SEC203P | Office Tools Lab<br>OR<br>Digital Efficiency Tools Lab | C24SEC303P   | Data Analysis using Excel Lab              |
| Commercial Art, Designing and Painting | C24SEC104T                           | Introduction to Design                                 | C24SEC204T                     | Art of Photography                                     | C24SEC304T   | Basics of Commercial Art                   |
|                                        | C24SEC104P                           | Introduction to Design Lab                             | C24SEC204P                     | Art of Photography Lab                                 | C24SEC304P   | Basics of Commercial Art Lab               |
| Defence Studies                        | C24SEC105T                           | Study of Terrorism                                     | C24SEC205T                     | Defence Journalism                                     | C24SEC305P   | Practice of Military Geography Lab         |
| Economics                              | C24SEC106T                           | Computer Applications in Economics-I                   | C24SEC206T                     | Computer Applications in Economics-II                  | C24SEC306T   | Fundamentals of Village Economy            |
|                                        |                                      |                                                        |                                |                                                        | C24SEC306P   | Practices of Village Economy               |



|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  |                                                                                                                                                                                                                                                                             |                                            |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|-----------------------------------------------------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC411T                                                                                                                                                                                                                                                                  | Environmental Toxicology                   |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC412T                                                                                                                                                                                                                                                                  | पर्यावरणीय लोकासिध्य                       |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC413T                                                                                                                                                                                                                                                                  | Perspectives on Human Rights               |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC414T                                                                                                                                                                                                                                                                  | Family Dynamics                            |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC415T                                                                                                                                                                                                                                                                  | Disaster Management                        |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC416T                                                                                                                                                                                                                                                                  | Resource Management and Ethics             |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC417T                                                                                                                                                                                                                                                                  | Understanding Bharat Through Music         |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC418T                                                                                                                                                                                                                                                                  | भारतीय ज्ञान परम्परा एवं पद्धति            |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC419T                                                                                                                                                                                                                                                                  | Yoga and Meditation - I                    |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC420T                                                                                                                                                                                                                                                                  | Practical Approach to Hindustani Music-II  |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC421T                                                                                                                                                                                                                                                                  | Understanding People                       |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C24VAC422T                                                                                                                                                                                                                                                                  |                                            |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC423T                                                                                                                                                                                                                                                                  | Ethics and Culture                         |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC424T                                                                                                                                                                                                                                                                  | Understanding State Budget                 |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC425T                                                                                                                                                                                                                                                                  | लोक साहित्य एवं संस्कृति-4                 |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC426T                                                                                                                                                                                                                                                                  | Literature and Ethics                      |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC427T                                                                                                                                                                                                                                                                  | Gender Sensitization and Inclusive Society |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  |                                                           |  | C25VAC428T                                                                                                                                                                                                                                                                  | Indian Knowledge System in Management      |
| 50% of students of 1 <sup>st</sup> 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 <sup>st</sup> semester will opt Environmental Studies in the 2 <sup>nd</sup> semester. The two courses in both the semester will not be same. |  |  |  |                                                           |  |                                                                                                                                                                                                                                                                             |                                            |
|                                                                                                                                                                                                                                                                                                                                                      |  |  |  | # MOOCs of 2 credits of VAC may be opted by the students. |  | 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 |                                            |

|            |                                                 |            |                                                 |                      |                                                          |                       |                                                          |
|------------|-------------------------------------------------|------------|-------------------------------------------------|----------------------|----------------------------------------------------------|-----------------------|----------------------------------------------------------|
|            |                                                 |            |                                                 | OR<br>C24VAC314T(ii) | OR<br>Fundamentals of Interview Etiquettes               | OR<br>C24VAC314T(iii) | Fundamentals of Interview Etiquettes                     |
| C24VAC115T | Indian Policy and Economy                       | C24VAC115T | Indian Policy and Economy                       | C24VAC315T           | Ethics of Computer Science                               | C24VAC315T            | Ethics of Computer Science                               |
| C24VAC116T | Geography of Wellbeing                          | C24VAC116T | Geography of Wellbeing                          | C24VAC316T           | Geography in Everyday Life                               | C24VAC316T            | Geography in Everyday Life                               |
| C24VAC117T | Children's Literature                           | C24VAC117T | Children's Literature                           | C24VAC317T           | Creative Writing                                         | C24VAC317T            | Creative Writing                                         |
| C24VAC118T | Basics of Medicinal Plants                      | C24VAC118T | Basics of Medicinal Plants                      | C24VAC318T           | 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 | शरीरभूतक संस्कृत भाषा शीर्षक                    | C24VAC120T | शरीरभूतक संस्कृत भाषा शीर्षक                    | C24VAC320T           | Electronics Communication                                | C24VAC320T            | Electronics Communication                                |
| C24VAC121T | Psychology of Happiness and Well-being          | C24VAC121T | Psychology of Everyday Life                     | C24VAC321T           | Ethical Studies of Indian Tribes                         | C24VAC321T            | Ethical Studies of Indian Tribes                         |
| C24VAC122T | E-Commerce                                      | C24VAC122T | E-Commerce                                      | C24VAC322T           | भारतीय ज्ञानपरंपरा एवं पद्धति                            | C24VAC322T            | भारतीय ज्ञान परंपरा एवं पद्धति                           |
| 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           | तुलसी साहित्य में मानवीय मूल्य                           | C24VAC325T            | तुलसी साहित्य में मानवीय मूल्य                           |
| C24VAC126T | Music in Everyday Life                          | C24VAC201T | The Healing Power of Music                      | C24VAC326T           | Yoga and Ethics                                          | C24VAC327T            | Public Policy रक Governance in India                     |
| C24VAC127T | Human Values and Professional Ethics            | C24VAC127T | Human Values and Professional Ethics            | C24VAC327T           | Public Policy Governance in India                        | C24VAC328T            | Vedic Mathematics-I                                      |
| C24VAC128P | Hygiene, Sanitation and Environment             | C24VAC128P | Hygiene, Sanitation and Environment             | C24VAC328T           | Vedic Mathematics-I                                      | C24VAC401T            | Vedic Mathematics-II                                     |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC402T            | Artificial Intelligence                                  |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC403T            | Environmental Ethics                                     |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC404T            | Science and Society                                      |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC405T            | Yoga: Philosophy and Practice                            |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC406T            | Financial Literacy                                       |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC407T            | Polymers and their Applications                          |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC408T            | Introduction to Satellites                               |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC409T            | Role of Plants in Human Welfare                          |
|            |                                                 |            |                                                 |                      |                                                          | C24VAC410T            | Health and Wellness                                      |



**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

| <b>Semester-I</b><br>(Scheme A, B, C, D)<br>2 credits |                                              | <b>Semester-II</b><br>(Scheme A, B, C, D)<br>2 credits |                                                      | <b>Semester-III*</b><br>(Scheme-C)<br>2 credits |                                                         | <b>Semester-IV*</b><br>(Scheme A, B, C, D)<br>2 credits |                                                         |
|-------------------------------------------------------|----------------------------------------------|--------------------------------------------------------|------------------------------------------------------|-------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|---------------------------------------------------------|
| <b>Course Code</b>                                    | <b>Nomenclature of Course</b>                | <b>Course Code</b>                                     | <b>Nomenclature of Course</b>                        | <b>Course Code</b>                              | <b>Nomenclature of Course</b>                           | <b>Course Code</b>                                      | <b>Nomenclature of Course</b>                           |
| C24VAC101T                                            | Environmental Studies-I                      | C24VAC101T/<br>C24VAC301T                              | Environmental Studies-I/<br>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                                      | Renewable Energy                                        | C24VAC304T                                              | Renewable Energy                                        |
| 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-I                               | C24VAC307T                                              | Ecology and Environment-I                               |
| 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 Programmes                  |
| C24VAC111T                                            | Chemistry in Everyday Life                   | C24VAC111T                                             | Chemistry in Everyday Life                           | C24VAC311T                                      | Youth Red Cross (YRC) Activities and First Aid Training | C24VAC311T                                              | Youth Red Cross (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(i)                                   | Green Practices in Business                             | C24VAC314T(ii)                                          | Green Practices in Business OR                          |

|                        |            |  |
|------------------------|------------|--|
| Philosophy             | C24SEC617T |  |
| Political Science      | C24SEC618T |  |
| Psychology             | C24SEC619T |  |
| Public Administration  | C24SEC620T |  |
| Sanskrit               |            |  |
| Sociology              | C24SEC621T |  |
| Environmental Sciences | C24SEC623T |  |
| Computer Applications  | C24SEC624T |  |
| Mass Communication     | C24SEC625T |  |
|                        |            |  |

| Subject                | Semester-VI<br>Science<br>2 credits |                        |
|------------------------|-------------------------------------|------------------------|
|                        | Course Code                         | Nomenclature of Course |
|                        |                                     |                        |
| Biotechnology          | C24SEC626T                          |                        |
| Botany                 | C24SEC627T                          |                        |
| Chemistry              | C24SEC628P                          | Chemistry Lab Skills   |
| Computer Science       | C24SEC603T                          |                        |
| Mathematics            | C24SEC629T                          |                        |
| Physics                | C24SEC630T                          |                        |
| Zoology                | C24SEC631T                          |                        |
| Electronics            | C24SEC632T                          |                        |
| Environmental Sciences | C24SEC623T                          |                        |
| Applied Biology        | C24SEC634T                          |                        |
| Yoga                   | C24SEC635T                          |                        |

| Subject                                 | Semester-VI         |                              |
|-----------------------------------------|---------------------|------------------------------|
|                                         | Arts and Humanities |                              |
|                                         | 2 credits           |                              |
|                                         | Course Code         | Nomenclature of Course       |
| Business Administration                 | C24SEC601T          |                              |
| Commerce                                | C24SEC602T          |                              |
| Computer Science                        | C24SEC603T          |                              |
| Commercial Art, Designing and Painting  | C24SEC604T          |                              |
| Defence Studies                         | C24SEC605T          |                              |
| Economics                               | C24SEC606P          | Practices of Village Economy |
| English                                 | C24SEC607T          | Content Writing              |
| Fashion Designing                       | C24SEC608T          |                              |
| Geography                               | C24SEC609T          |                              |
| Health and Physical Education           | C24SEC610T          |                              |
| Hindi                                   | C24SEC611T          |                              |
| History                                 | C24SEC612T          |                              |
| Home Science                            | C24SEC613T          |                              |
| Mass Communication and Video Production | C24SEC614T          |                              |
| Mathematics                             | C24SEC629T          |                              |
| Music (Instrumental)                    | C24SEC615T          |                              |
| Music (Vocal)                           | C24SEC616T          |                              |



|                        |                |                                                  |            |                                          |            |                                 |
|------------------------|----------------|--------------------------------------------------|------------|------------------------------------------|------------|---------------------------------|
| Electronics            | C24SEC132T     | Linear Integrated Circuit Applications           | C24SEC232T | PCB Fundamentals                         | C24SEC332T | Transducers                     |
| 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       |
| Applied Biology        | C24SEC134T     | Nursery and Gardening                            | C24SEC234T | Herbal Farming                           | C24SEC334T | Pulses and Oil Seed Farming     |
|                        | C24SEC134P     | Nursery and Gardening Lab                        | C24SEC234P | Herbal Farming Lab                       | C24SEC334P | Pulses and Oil Seed Farming Lab |
| Yoga                   | C24SEC135T     | Basics of Yoga                                   | C24SEC235P | Yoga Skill & Prowess Lab                 | C24SEC335T | Yoga for Stress Management      |
|                        | C24SEC135T (i) | Yogic Principles and Practices of Healthy Living |            |                                          | C24SEC335P | Yoga for Stress Management Lab  |
| Sports                 | C24SEC136T     |                                                  |            |                                          |            |                                 |

|                        |            |                                             |            |                                              |                 |                                                    |
|------------------------|------------|---------------------------------------------|------------|----------------------------------------------|-----------------|----------------------------------------------------|
|                        |            |                                             |            |                                              | C24SEC329T(iii) | Programming in C                                   |
|                        |            |                                             |            |                                              | C24SEC329P(iii) | Programming in C Lab                               |
| Music (Instrumental)   | C24SEC115T | Practical Approach to Hindustani Music-1    | C24SEC215T | Practical Approach to Hindustani Music-2     | C24SEC315T      | Practical Approach to Hindustani Music-1           |
|                        | C24SEC115P | Practical Approach to Hindustani Music-1Lab | C24SEC215P | Practical Approach to Hindustani Music-2 Lab | C24SEC315P      | Practical Approach to Hindustani Music-1 Practical |
| Music (Vocal)          | C24SEC116T | Basic Course for Harmonium and Tabla-1      | C24SEC216T | Basic Course for Harmonium and Tabla-2       | C24SEC316T      | Accompanying skills on Harmonium and Tabla         |
|                        | C24SEC116P | Basic Course for Harmonium and Tabla-1 Lab  | C24SEC216P | Basic Course for Harmonium and Tabla-2 Lab   | C24SEC316P      | Accompanying skills on Harmonium and Tabla lab     |
| Philosophy             | C24SEC117T | Critical Thinking                           | C24SEC217T | Applied Reasoning in Philosophy              | C25SEC317T      | Yoga Philosophy                                    |
| Political Science      | C24SEC118T | Introduction to Political Theory            | C24SEC218T | Gender and Law in India                      | C24SEC318T      | Comparative Constitution of UK & USA               |
| Psychology             | C24SEC119T | Assessment of Personality                   | C24SEC219T | Assessment of Intelligence                   | C24SEC319T      | Basic Statistics                                   |
|                        | C24SEC119P | Assessment of Personality Lab               | C24SEC219P | Assessment of Intelligence Lab               |                 |                                                    |
| Public Administration  | C24SEC120T | Public Office Administration                | C24SEC220T | Office Processes                             | C24SEC320T      | Management Information System                      |
|                        |            |                                             |            |                                              | C24SEC320P      | Management Information System (Case Study)         |
| Sanskrit               | C24SEC121T | संस्कृत व्याकरणम्                           | C24SEC221T | प्रयोगात्मक संस्कृतम्                        | C24SEC321T      | भाषाशास्त्रम्                                      |
| Sociology              | C24SEC122T | Gender and Society                          | C24SEC222T | Sociology for Social Problems                | C24SEC322T      | Sociology of Environment                           |
|                        |            |                                             |            |                                              | C24SEC322P      | Sociology of Environment Field Work/Report Writing |
| 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                 | C24SEC324T      | Advance IT Skills                                  |
|                        | C24SEC124P | PC Hardware and Networking Lab              | C24SEC224P | Web Design Basics using HTML Lab             | C24SEC324P      | Advance IT Skills Lab                              |

|                    |                                |                                                          |                                |                                                         |                 |                                                |
|--------------------|--------------------------------|----------------------------------------------------------|--------------------------------|---------------------------------------------------------|-----------------|------------------------------------------------|
| Mass Communication | C24SEC125T                     | Article Writing for Newspapers and Magazines             | C24SEC225T                     | Feature Writing for Newspapers and Magazines            | C24SEC325T      | Still Photography                              |
|                    | C24SEC125P                     | Article Writing for Newspapers and Magazines Lab         | C24SEC225P                     | Feature Writing for Newspapers and Magazines Lab        | C24SEC325P      | Still Photography Lab                          |
| Subject            | Semester-I                     |                                                          |                                | Sciences                                                |                 | Semester-III                                   |
|                    | 3 credits                      |                                                          |                                | 3 credits                                               |                 | 3 credits                                      |
|                    | Course Code                    | Nomenclature of Course                                   | Course Code                    | Nomenclature of Course                                  | Course Code     | Nomenclature of Course                         |
|                    | 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                 |
|                    | C24SEC127T                     | Mushroom Cultivation                                     | C24SEC227T                     | Organic Farming                                         | C24SEC327T      | Floriculture                                   |
|                    | C24SEC127P                     | Mushroom Cultivation Lab                                 | C24SEC227P                     | Organic Farming Lab                                     | C24SEC327P      | Floriculture Lab                               |
|                    | 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                             |
|                    | C24SEC103T<br>OR<br>C24SEC203T | Office Tools<br>OR<br>Digital Efficiency Tools           | C24SEC103T<br>OR<br>C24SEC203T | Office Tools<br>OR<br>Digital Efficiency Tools          | C24SEC303T      | Data Analysis using Excel                      |
|                    | C24SEC103P<br>OR<br>C24SEC203P | Office Tools Lab<br>OR<br>Digital Efficiency Tools Lab   | C24SEC103P<br>OR<br>C24SEC203P | Office Tools Lab<br>OR<br>Digital Efficiency Tools Lab  | C24SEC303P      | Data Analysis using Excel Lab                  |
|                    | C24SEC129T(i)                  | Vector Calculus and Solid Geometry                       | C24SEC229P                     | Numerical Methods                                       | C24SEC329T(i)   | Special Functions and Transform Techniques     |
| Mathematics        | C24SEC129P(i)                  | Vector Calculus and Solid Geometry Lab                   | C24SEC229P                     | Numerical Methods Lab                                   | C24SEC329P(i)   | Special Functions and Transform Techniques Lab |
|                    | C24SEC129T(ii)                 | Mathematics in PYTHON                                    | C24SEC129T(ii)                 | Mathematics in PYTHON                                   | C24SEC329T(ii)  | Cryptography                                   |
|                    | C24SEC129P(ii)                 | Mathematics in PYTHON Lab                                | C24SEC129P(ii)                 | Mathematics in PYTHON Lab                               | C24SEC329P(ii)  | Cryptography Lab                               |
| Physics            | C24SEC130T                     | Instrumentation-I                                        | C24SEC230T                     | Instrumentation-II                                      | C24SEC329P(iii) | Programming in C                               |
|                    | C24SEC130P                     | Instrumentation-I Lab                                    | C24SEC230P                     | Instrumentation-II Lab                                  | C24SEC330T      | Numerical Techniques                           |
| Zoology            | C24SEC131T                     | Apiculture                                               | C24SEC231T                     | Fish Farming                                            | C24SEC331T      | Vermiculture and Vermicomposting               |
|                    | C24SEC131P                     | Apiculture Lab                                           | C24SEC231P                     | Fish Farming Lab                                        | C24SEC331P      | Vermiculture and Vermicomposting Lab           |

|                                         |                |                                                |                |                                                        |                |                                                |
|-----------------------------------------|----------------|------------------------------------------------|----------------|--------------------------------------------------------|----------------|------------------------------------------------|
|                                         | C24SEC106P     | Computer Applications in Economics-I Lab       | C24SEC206P     | Computer Applications in Economics-II Lab              | C24SEC306T(i)  | Understanding State Budget                     |
| English                                 | C24SEC107T     | Soft Skills                                    | C24SEC207T     | Public Speaking and Presentation Skills in English     | C24SEC306P(i)  | Understanding State Budget and Practice        |
|                                         | C24SEC107P     | Soft Skills Lab                                | C24SEC207P     | Public Speaking and Presentation Skills in English Lab | C24SEC307T     | Professional Communication in English          |
| Fashion Designing                       | C24SEC108T     | Basics of Clothing Construction                | C24SEC208T     | Hand Embroidery                                        | C24SEC307P     | Professional Communication in English Lab      |
|                                         | C24SEC108P     | Basics of Clothing Construction Lab            | C24SEC208P     | Hand Embroidery Lab                                    | C24SEC308T     | Apparel Production Draping and Grading         |
| Geography                               | C24SEC109T     | Surveying Techniques                           | C24SEC209T     | Interpretation of Maps and Toposheets                  | C24SEC308P     | Apparel Production Draping and Grading - Lab   |
|                                         | C24SEC109P     | Surveying Techniques Lab                       | C24SEC209P     | Interpretation of Maps and Toposheets Lab              | C24SEC309P     | Cartographic Techniques                        |
| Health and Physical Education           | C24SEC110T     | Health Education                               | C24SEC210T     | Basic Anatomy and Physiology                           | C24SEC310T     | Cartographic Techniques Lab                    |
|                                         | C24SEC110P     | Health Education Lab                           | C24SEC210P     | Basic Anatomy and Physiology Lab                       | C24SEC310P     | Exercise Physiology                            |
| Hindi                                   | C24SEC111T     | rdubdh fganh                                   | C24SEC211T     | l'tukRed yslku                                         | C24SEC311T     | Exercise Physiology Lab                        |
|                                         | C24SEC111P     | dal:wVj vksj fganh VkbZfiar                    | C24SEC211P     | lkfgR;d yslku                                          | C24SEC311P     | सामान्य सफाई और स्वच्छता (T)                   |
| History                                 | C24SEC112T     | Glimpse of Ancient India                       | C24SEC212T     | Glimpses of Medieval India                             | C24SEC312T     | भारत का इतिहास और संस्कृति (P)                 |
| Home Science                            | C24SEC113T     | Hand Fabric and Printing Dyeing Techniques     | C24SEC213P     | Ice Cream and Chocolate Craft Lab                      | C24SEC313P     | Glimpses of Modern India                       |
|                                         | C24SEC113P     | Hand Fabric and Printing Dyeing Techniques Lab |                |                                                        |                | Baking Practical                               |
| Mass Communication and Video Production | C24SEC114T     | Report Writing                                 | C24SEC214T     | Video Production                                       | C24SEC314T     | Still Photography                              |
|                                         | C24SEC114P     | Report Writing Lab                             | C24SEC214P     | Video Production Lab                                   | C24SEC314P     | Still Photography Lab                          |
| Mathematics                             | C24SEC129T(i)  | Vector Calculus and Solid Geometry             | C24SEC229T     | Numerical Methods                                      | C24SEC329T(i)  | Special Functions and Transform Techniques     |
|                                         | C24SEC129P(i)  | Vector Calculus and Solid Geometry Lab         | C24SEC229P     | Numerical Methods Lab                                  | C24SEC329P(i)  | Special Functions and Transform Techniques Lab |
|                                         | C24SEC129T(ii) | Mathematics in PYTHON                          | C24SEC129T(ii) | Mathematics in PYTHON                                  | C24SEC329T(ii) | Cryptography                                   |
|                                         | C24SEC129P(ii) | Mathematics in PYTHON Lab                      | C24SEC129P(ii) | Mathematics in PYTHON Lab                              | C24SEC329P(ii) | Cryptography 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 Lectures or 2 credits Lectures and 1 credit Practicum.

| Subject                                | Arts, Humanities and Social 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                     |
| Business Administration                | C24SEC101T                           | GST Return Filing                    | C24SEC201T  | Digital Marketing                     | C24SEC301T   | Fintech Basics and Business Intelligence   |
| Commerce                               | C24SEC102T                           | Modern Advertising Tools             | C24SEC202T  | Business Communication Skills         | C24SEC301P   | Entrepreneurship and New Business Creation |
|                                        | C24SEC102P                           | Modern Advertising Tools Lab         |             |                                       | C24SEC302T   | Investment Planning Skills                 |
| Computer Science                       | C24SEC103T                           | Office Tools                         | C24SEC103T  | Office Tools                          | C24SEC303T   | Data Analysis using Excel                  |
|                                        | C24SEC203T                           | Digital Efficiency Tools             | C24SEC203T  | Digital Efficiency Tools              |              |                                            |
|                                        | C24SEC103P                           | Office Tools Lab                     | C24SEC103P  | Office Tools Lab                      | C24SEC303P   | Data Analysis using Excel Lab              |
|                                        | C24SEC203P                           | Digital Efficiency Tools Lab         | C24SEC203P  | Digital Efficiency Tools Lab          |              |                                            |
| Commercial Art, Designing and Painting | C24SEC104T                           | Introduction to Design               | C24SEC204T  | Art of Photography                    | C24SEC304T   | Basics of Commercial Art                   |
|                                        | C24SEC104P                           | Introduction to Design Lab           | C24SEC204P  | Art of Photography Lab                | C24SEC304P   | Basics of Commercial Art Lab               |
| Defence Studies                        | C24SEC105T                           | Study of Terrorism                   | C24SEC205T  | Defence Journalism                    | C24SEC305P   | Practice of Military Geography Lab         |
| Economics                              | C24SEC106T                           | Computer Applications in Economics-I | C24SEC206T  | Computer Applications in Economics-II | C24SEC306T   | Fundamentals of Village Economy            |
|                                        |                                      |                                      |             |                                       | C24SEC306P   | Practices of Village Economy               |