

## **The Business School:**

### **1. Department of Management Studies**

#### **List of MDC for UG programmes**

<b>S. No.</b>	<b>Name of the Course/ Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Entrepreneurship Skills-I (3 Credits)	3	I	Monday, Tuesday, Wednesday 3.00 PM to 4.00 PM

### **2. Department of Tourism Studies**

#### **List of MDC for UG programmes**

<b>S. No.</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Green Tourism	03	UG/ Sem-I	Monday to Wednesday

### **3. Department of Commerce**

#### **List of MDC courses identified and added to Curriculum for UG semesters**

<b>S. No.</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Principles of Management -I	03	I	Monday to Wednesday 03:10 PM to 04:10 PM
2.	Principles of Management -II	03	II	Monday to Wednesday 03:10 PM to 04:10 PM
3.	Principles of Management -III	03	III	Monday to Wednesday 03:10 PM to 04:10 PM

## **School of Engineering and Technology:**

### **1. Department of Information Technology**

#### **Scheme for UG 4 yrs.**

#### **Minor courses to be offered by the Department of IT for UG batch Sept. 2023 and onwards**

<b>S.No.</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Computer Fundamentals	4	1	
2.	C-Programming	4	2	
3.	Data Structure-1	4	3	
4.	Advance Data structures	4	4	
5.	Computational math and Numerical methods	8 (4+4)	5	
6.	Internet web. Tech./DBMS	8 (4+4)	7	

#### **SEC courses to be offered by the Department of IT for UG batch Sept. 2023**

<b>S.No</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	IT Skills	3	1	
2.	Graphic design	3	2	
3.	Computer skills for competitive exams (SSRB/PSC/NET/SET etc.)	3	3	

#### **VAC courses to be offered by the Department of IT for UG batch Sept. 2023**

<b>S.No.</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	E-Governance	2	1	

2.	Digital India Initiatives	2	2	
3.	MIS	2	3	
4.	Cyber Security	2	4	

**MDC courses to be offered by the Department of IT for UG batch Sept. 2023**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	MDC-IT: Programing language -1	3	1	
2.	MDC-IT: Programing language -2	3	2	
3.	Basics of Computer Networks	3	3	

### **School of Languages:**

#### **1. Department of English**

**List of AEC being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	English Communication Skills (For the Students of other Departments) For Admission 2023	2	I	
2.	Introduction to Linguistics & Phonetics (For the Students of English Department For Admission 2023	2	I	Monday to Friday 03:00 PM to 04:00 PM

#### **2. Department of Urdu**

**List of MDC offered for UG:**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	MUR-MDC-I BOLLYWOOD & URDU LANGUAGE	03	I	Monday to Wednesday 03:10 PM to 04:10 PM
2.	MUR-MDC-II BOLLYWOOD & URDU LANGUAGE	03	II	Monday to Wednesday 03:10 PM to 04:10 PM

#### **3. Department of Kashmiri**

**List of AEC being offered.**

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Days and Time
1.	MKR-AEC-I APPLIED KASHMIRI FOR MEDIA AND JOURNALISM	2	I	Wednesday & Thursday 03:10 PM to 04:10 PM
2.	MUR-AEC-II ART OF TRANSLATION	2	II	Wednesday & Thursday 03:10 PM to 04:10 PM

**List of MDC offered for UG:**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	MKR-MDC-I (UG) KASHMIRI SCRIPT:AN OVERVIEW	3	I	Monday & Wednesday 03:10 PM to 04:10 PM
2.	MKR-MDC-II (UG) BASIC INTRODUCTION	3	II	Monday & Wednesday 03:10 PM to 04:10 PM

	OF KASHMIRI CULTURE			
3.	MKR-MDC-III (UG) GENRES OF KASHMIRI MUSIC	3	III	Monday & Wednesday 03:10 PM to 04:10 PM

### **School of Physical and Chemical Sciences:**

#### **1. Department of Chemistry**

##### **List of MDC for UG programmes**

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Chemistry and Life CHM20-MDC-UG-101	03	UG/ Sem-I	Monday and Tuesday 03:10 PM to 04:10 PM
2.	Introductory Chemistry CHM20-MDC-UG-102	03	UG/ Sem-I	Monday and Tuesday 03:10 PM to 04:10 PM

#### **2. Department of Mathematics**

##### **List of MDC courses offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Basic Mathematics	3	I	Mon, Tue, Wed/ 3:00-4:00
2.	Business Mathematics	3	II	Mon, Tue, Wed/ 3:00-4:00

##### **List SEC Course being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Statistical Skills	3	I	Mon, Tue, Wed/ 3:00-4:00
2.	Numerical Techniques	3	II	Mon, Tue, Wed/ 3:00-4:00

##### **List of SWAYAM/ MOOCs identified**

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Descriptive Statistics	04	I	
2.	A Basic Course in Number Theory	03	III	
3.	Introductory Course In Real Analysis	03	IV	
4.	Modern Algebra	04	IV	
5.	Linear Programming	04	V	
6.	Graph Theory	04	V	
7.	Functional Analysis	04	VI	
8.	Calculus of Several Variables	02	VI	
9.	First Course On Partial Differential Equations	02	VII	

#### **3. Department of Physics**

##### **List of MDC being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Physics for All	03	B.Sc 1st	Monday, Tuesday, Wednesday 3.10 PM to 4.10PM
2.	Sports Physics	03	B.Sc 2nd	Monday, Tuesday, Wednesday 3.10 PM to 4.10PM
3.	Introduction to Astronomy	03	B.Sc 3rd	Monday, Tuesday, Wednesday 3.10 PM to 4.10PM
4.	Characterization Techniques	03	7 <sup>th</sup> (M.Sc 1 <sup>st</sup> )	Monday, Tuesday, Wednesday 3.10 PM to 4.10PM

5.	Nanotechnology and its applications	03	8 <sup>th</sup> (M.Sc 2 <sup>nd</sup> )	Monday, Tuesday, Wednesday 3.10 PM to 4.10PM
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**List of SEC being offered**

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Optical Instruments	03	1st	Monday, Tuesday, Wednesday 2.00 PM to 3.00PM
2.	Technical Scripting With Latex	03	2nd	Monday, Tuesday, Wednesday 2.00 PM to 3.00PM
3.	Data Analysis and Statistics	03	3rd	Monday, Tuesday, Wednesday 2.00 PM to 3.00PM

**List of VAC being offered**

S. No.	Name of the Course/Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Energy Sources	02	1st	Wednesday and Thursday 12:00PM to 01:00 PM
2.	Solar Photovoltaics	02	2nd	Wednesday and Thursday 12:00PM to 01:00 PM
3.	Medical Physics	02	3 <sup>rd</sup>	Wednesday and Thursday 12:00PM to 01:00 PM

**List of SWAYAM/ MOOCs identified**

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Time Duration	Remarks
1.	Newtonian Mechanics with examples	02	1 <sup>st</sup> Semester	8 weeks	IIT Roorkee
2.	Experimental Physics-I	03	1 <sup>st</sup> Semester	12 weeks	IIT Kharagpur
3.	Physics of Renewable Energy	02	2 <sup>nd</sup> Semester	12 weeks	IIT Kharagpur
4.	Introduction to electromagnetic theory	02	3 <sup>rd</sup> Semester	8 weeks	IIT Kanpur
5.	Applied Optics	03	4 <sup>th</sup> Semester	12 weeks	IIT Roorkee
6.	Concepts in Magnetism & Super conductivity	02	5 <sup>th</sup> Semester	8 weeks	IIT Kharagpur
7.	Nuclear & Particle Physics	03	6 <sup>th</sup> Semester	12 weeks	IIT Guwahati
8.	Advanced Quantum Mechanics land applications	02	7 <sup>th</sup> Semester	8 weeks	IIT Guwahati
9.	Advanced Partial differential equation	02	8 <sup>th</sup> Semester	8 Weeks	IISc Bangalore
10.	Dynamics of Classical & Quantum Fields	03	9 <sup>th</sup> Semester	12 weeks	IIT Guwahati
11.	Introduction to quantum field theory	03	10 <sup>th</sup> Semester	12 weeks	IIT Hyderabad

**School of Social Sciences**

**1. Department of Economics**

**List of MDC being offered for Undergraduate Programmes**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Microeconomics	03	I	Monday to Thursday 3.10 PM-4.10 PM
2.	Macroeconomics	03	II	
3.	Indian Economy	03	III	

## 2. Department of Religious Studies

### List of MDC being offered

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	For UG Introduction to Religions in India (MDCUG-107 IM)	03	I	Wednesday, Thursday (3.10 PM to 4.10PM)
2.	For UG Islam and Muslim Civilization (MDCUG-107 IM)	03	I	Monday, Tuesday (3.10 PM to 4.10PM)
3.	For UG Islam and Muslim Civilization- III (MDCUG-307 IM)	04	III	Wednesday, Thursday (3.10 PM to 4.10PM) Tulmulla and Nunar Campus'

### School of Media Studies

#### 1. Department of Convergent Journalism

### List of MDC being offered for Undergraduate Programmes

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Level I - Digital Photography & Image Editing	03	I	Monday to Thursday 3.10 PM-4.10 PM
2.	Level II - Understanding Videography	03	II	
3.	Level III - Television Production.	03	III	

### School of Legal Studies

#### 1. Department of Law

### List of MDC being offered

S.No	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	The working of Indian Constitution	3	3 <sup>rd</sup> Semester UG students	3.10 PM-4.10 PM <b>Days Missing</b>
2.	Introduction to Indian Constitution	3	1 <sup>st</sup> Semester UG semesters (2023 onwards)	1.10 PM-4.10 PM <b>Days Missing</b>

### School of Education

#### 1. Department of Teacher Education

### List of MDC course for UG programmes being offered at school level.

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Physical and Mental Health-I	03	I	03:30 PM to 04:30 PM Monday to Wednesday

### List of AEC courses for UG programmes being offered by the Department of Teacher Education, as per recommended by the NCTE.

S. No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Hindi ITEP-AEC-105	02	I	Thursday- Friday 12:00 PM to 01:00 PM
2.	Urdu ITEP-AEC-106	02	I	Thursday- Friday 12:00 PM to 01:00 PM
3.	Kashmiri ITEP-AEC-107	02	I	Thursday- Friday 12:00 PM to 01:00 PM

List of **VAC** courses for **UG** programmes being offered by the Department of Teacher Education, as per recommended by the NCTE.

<b>S. No.</b>	<b>Name of the Course/ Course</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Art Education (Performing & Visual)	02	I	Monday & Tuesday 03:00 PM to 04:00 PM
2.	Understanding India (Indian Ethos &	02	I	Thursday & Friday 03:00 PM to 04:00 PM

## **School of Life Sciences**

### **1. Department of Biotechnology**

#### **List of MDC being offered**

<b>S.No</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Biotechnology & Society/ BTCH-MDC-101	3	I	Mon, Tue, Wed: 3.30 pm to 4.30 pm
2.	Human Health Awareness/ BTCH-MDC-201	3	II	NA
3.	Agricultural Biotechnology/ BTCH-MDC-301	3	III	Mon, Tue, Wed: 3.30 pm to 4.30 pm

#### **List of SEC being offered**

<b>S.No</b>	<b>Name of the Course/ Course Number</b>	<b>No. of Credits</b>	<b>Semester</b>	<b>Proposed Day's and Time</b>
1.	Biochemical & Numerical Analysis/ BTCH-SEC-101 Lab Course based on BTCH-SEC-101/ BTCH-SEC-101-P	2 1	I	Mon, Tue, Wed: 2.30 pm to 3.30 pm
2.	Food Biotechnology/ BTCH-SEC-102 Lab Course based on BTCH-SEC-102/ BTCH-SEC-102-P	2 1	I	Mon, Tue, Wed: 2.30 pm to 3.30 pm
3.	Microbial Techniques/ BTCH-SEC-201 Lab Course based on BTCH-SEC-201/ BTCH-SEC-201-P	2 1	II	NA
4.	Functional Foods & Nutrigenomics/BTCH-SEC-202 Lab Course based on BTCH-SEC-202/BTCH-SEC-202-P	2 1	II	NA
5.	Clinical Nutrition/BTCH-SEC-301 Lab Course based on BTCH-SEC-301/ BTCH-SEC-301-P	2 1	III	Mon, Tue, Wed: 2.30 pm to 3.30 pm

6.	Molecular Medicine/ BTCH-SEC-302 Lab Course based on BTCH-SEC-302/ BTCH- SEC-302-P	2 1	III	Mon, Tue, Wed: 2.30 pm to 3.30 pm
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#### **List of VAC being offered**

S.No	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and Time
1.	Environmental Biotechnology & Climate Change/ BTCH- VAC-101	2	I	Monday & Tuesday 03:10 PM to 04:10 PM
2.	Health & Human Physiology/ BTCH- VAC-201	2	II	Monday & Tuesday 03:10 PM to 04:10 PM
3.	Human Genetics & Counselling/ BTCH- VAC- 301	2	III	Monday & Tuesday 03:10 PM to 04:10 PM
4.	DNA Fingerprinting & Forensics/ BTCH-VAC-401	2	IV	Monday & Tuesday 03:10 PM to 04:10 PM
5.	Biosafety and Bioethics/ BTCH-VAC-402	2	IV	Monday & Tuesday 03:10 PM to 04:10 PM

#### **2. Department of Zoology**

#### **List of MDC being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and time
1.	Introductory Zoology (ZOO-MDC-101)	03	1st	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
2.	Basic Economic Zoology (ZOO-MDC-201)	03	2nd	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
3.	Wildlife Conservation and Management (ZOO-MDC-301)	03	3rd	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)

#### **List of SEC being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and time
1.	Introduction to Apiculture (ZOO-SEC-101)	2+1 = 03	1st	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
2.	Experiential Learning Based on ZOO-SEC-101 (ZOO-SEC-102)			
3.	Introduction to Sericulture ZOO-SEC-103	2+1 = 03	1st	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
4.	Experiential Learning Based on ZOO-SEC-103 (ZOO-SEC-104)			
5.	Bee Keeping Technology (ZOO-SEC-201)	2+1 = 03	2nd	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
6.	Experiential Learning Based on ZOO-SEC-201 (ZOO-SEC-202)			
7.	Silkworm Rearing Technology	2+1 = 03	2nd	Monday, Tuesday, Wednesday

	(ZOO-SEC-203)			(3:30 PM to 4:30 PM)
8.	Experiential Learning Based on ZOO-SEC-203 (ZOO-SEC-204)			
9.	Bee Products and Disease Management (ZOO-SEC-301)	2+1 = 03	3rd	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
10.	Experiential Learning Based on ZOO-SEC-301 (ZOO-SEC-302)			
11.	Sericulture Products and Disease Management (ZOO-SEC-303)	2+1 = 03	3rd	Monday, Tuesday, Wednesday (3:30 PM to 4:30 PM)
12.	Experiential Learning Based on ZOO-SEC-303 (ZOO-SEC-304)			

**List of VAC being offered**

S.No.	Name of the Course/ Course Number	No. of Credits	Semester	Proposed Day's and time
1.	Environmental Studies (ZOO-VAC-101)	02	1st	Monday & Tuesday 03:10 PM to 04:10 PM
2.	Health and Hygiene (ZOO-VAC-201)	02	2nd	Monday & Tuesday 03:10 PM to 04:10 PM
3.	Biodiversity and Conservation Biology (ZOO-VAC-301)	02	3rd	Monday & Tuesday 03:10 PM to 04:10 PM
4.	Applied Biostatistics (ZOO-VAC-401)	02	4th	Monday & Tuesday 03:10 PM to 04:10 PM