



## SHIVAJI UNIVERSITY KOLHAPUR

### Circular No. ( 129 ) Exam of March/April.-2024 to be held in April/May-2024.

Draft Programme of the M.Sc. Part-I (Sem.- I & Sem-II ) NEP-0.2 Course Code-2375 & M.Sc. Part-I (Sem. -I to Sem.- II) NEP-0.1 Corse code- 2353 & CBCS Corse code- 2341 Physics, Statistics, Applied Statistics & Informatics, Environmental Science, Food Science & Technology, Food Science and Nutrition, Alcohol Technology & Sugar Technology, Medical Information & Management, Embedded Technology, Information Technology , Data Science, Geoinformatics.

M.A/M.Sc. Geography Part-I (Sem.-I & Sem-II) NEP-0.2 Course Code- 4475 & M.A/M.Sc. Geography (Sem. -I to Sem.- II) NEP-0.1 Corse code- 4464 & CBCS new course code-412. Examination March/April.-2024 to be held in April/May-2024.

**INSTRUCTIONS-** 1. SU/Appointment/RVC/55 Dated 20/01/2024.

2.Common instruction as per Circular No. SU/ON EXAM /29 Dated 01/02/2020,  
also available in University website [www.unishivaji.ac.in](http://www.unishivaji.ac.in)

The Written Examination will be held at following center and Places declared:-

Sr. No	Exam	College Code	Places
1	M.sc Physics	264	Department of Physics, Shivaji University Kolhapur
3	M..Sc. Statistics M..Sc. Applied Statistics and Informatics		Department of Statistics, Shivaji University Kolhapur
4	M..Sc. Environmental Science		Department of Environmental Science, Shivaji University Kolhapur
5	M..Sc. Food Science & Technology		Department of Food Science & Technology, Shivaji University Kolhapur
6	M.A./M..Sc. Geography M.Sc. Geoinformatics.		Department of Geography, Shivaji University Kolhapur
7	M.Sc. Medical Information & Management		Department of Biochemistry Shivaji University Kolhapur
9	M.Sc. Physics, M.A./M.Sc. Mathematics		01
11	M. Sc Physics	48	Devchand College, ARJUNNAGAR
12	M.Sc. Food Science and Nutrition	256	College of Non-Conventional Vocation Courses for Women University Road, Kolhapur
13	M. Sc Physics M.A./M.Sc. Mathematics	30	The New College Kolhapur
14	M.A./M.Sc. Mathematics M.A./M. Sc. Geography M.Sc. Information Technology	90	Karmveer Bhaurao Patil College, URUN –ISLAMPUR.
15	M.Sc. Alochol Technology M.Sc. Sugar Technology	444	Rajarambapu College of Sugar Technology, URUN-ISLAMPUR
16	M.Sc. Physics, M.Sc. Embedded Technology M.Sc. Data Science	78	Smt. Kasturabi Walchand College of Arts & Science, SANGLI.
17	M.Sc. Physics, M.A./M.Sc. Mathematics	80	Willingdon College, SANGLI
18	M.Sc. Physics	94	Raje Ramrao Mahavidyalaya, JATH
19	M.A./M. Sc. Geography, M. Sc Statistics	92	Padm. Bhushan Dr. Vasantraodada Patil Mahavidyalaya, TASGAON
20	M.A./M. Sc. Geography M.Sc. Physics	84	Miraj Mahavidyalaya, Miraj
21	M.Sc. Physics	86	Balwant College. Vita Tal-Khanapur Dist-Sangli

22	M.A./M. Sc. Geography, Industrial Microbiology, M. Sc.. Statistics, M.A./M. Sc.. Mathematics,	156	Sadguru Gadage Maharaj College, KARAD
23	M.A./M. Sc. Geography	153	Mahila Mahavidyalaya, KARAD
24	M.A./M.Sc. Geography	259	Chhatrapati Shivaji College, SATARA
25	M.sc Physics, Statistics, M.A./M.Sc.. Mathematics	149	Yashwantrao Chavan Institute of Science, SATARA.
26	M.A./M.Sc. Geography	173	Raja Shripatrao Bhagawantrao Mahavidyalaya, AUNDH
27	M.A./M.Sc. Geography	162	D.P. Bhosale College ,Koregaon., KOREGAON
28	M. Sc .Statistics	32	Rajarshi Chhatrapati Shahu College, Kadamwadi Road, KOLHAPUR
29	M.A./M. Sc. Geography	145	Lal Bahadur Shastri College of Arts, Science and Commerce, 17, Malhar Peth, SATARA-415 002
30	M.A./M. Sc. Geography	157	Venutai Chavan College, Vidyanagar, Tal-Karad, Dist-Satara KARAD-415 124
31	M.Sc. Physics	88	Smt Kusumtai Rajarambapu patil kanya Mahavidyalaya, Urun-Islampur.Dist-Sangli

**M.Sc. PHYSICS [ NEP-0.2]**

**( Course Code -2375)**

<b>Branch Code- PHYSICS ( NEP-0.2)</b>				<b>From Oct--2023</b>			
Part I :- Sem.-I							
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>			
<b>Major Mandatory</b>							
I	92558	Mathematical Physics	Monday 15/04/2024	10:30 A.M.  To  01:30 P.M.			
II	92559	Classical Mechanics	Thursday 18/04/2024				
<b>Research Methodology</b>							
III	93753	Research Methodology	Saturday 20/04/2024				
<b>Major Elective Any One Of The Following Paper</b>							
IV	92562	Solid State Physics-I	Tuesday 23/04/2024				
	92563	Space Physics-I					
	92564	Theoretical Physics-I					
	92565	Modern Optics-I					
	92566	Energy Science-I					
	92567	Material Science-I					

**M.Sc. PHYSICS [ NEP-0.1]**

**( Course Code -2353)**

<b>Branch Code- PHYSICS ( NEP-0.1)</b>				<b>From Oct--2022</b>	
Part I :- Sem.-I					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
I	87859	Mathematical Physics	Monday 15/04/2024	10:30 A.M.  To  01:30 P.M.	
II	87860	Classical Mechanics	Thursday 18/04/2024		
III	87861	Quantum Mechanics-I	Saturday 20/04/2024		
IV	87862	Condensed Matter Physics	Tuesday 23/04/2024		

Branch Code- PHYSICS ( C.B.C.S.)				From Oct--2019	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
I	83502	Mathematical Physics	Monday 15/04/2024	10:30 A.M.  To  01:30 P.M.	
II	83503	Classical Mechanics	Thursday 18/04/2024		
III	83504	Quantum Mechanics-I	Saturday 20/04/2024		
IV	83505	Condensed Matter Physics	Tuesday 23/04/2024		

Branch Code- PHYSICS [ NEP-0.2]				From March--2024		
		Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening		
I	94683	Quantum Mechanics-II	Tuesday 16/04/2024	02:30 P.M.  To  05:30 P.M.		
II	94684	Condensed Matter Physics	Friday 19/04/2024			
<b>Major Elective Any One Of The Following Paper</b>						
III	94689	Space Physics II	Monday 22/04/2024			
	94688	Solid State Physics- II				
	94691	Modern Optics –II				
	94690	Theoretical Physics-II				
	94692	Energy Science II				
	94693	Material Science II				

Branch Code- PHYSICS [ NEP-0.1]				From March--2023	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
V	90182	Quantum Mechanics-II	Tuesday 16/04/2024	02:30 P.M.  To  05:30 P.M.	
VI	90183	Statistical Mechanics	Friday 19/04/2024		
VII	90184	Electrodynamics	Monday 22/04/2024		
VIII	90185	Atomic & Molecular Physics	Wednesday 24/04/2024		

**M.Sc. PHYSICS[ C.B.C.S.]****( Course Code -2341)**

<b>Branch Code- PHYSICS ( C.B.C.S.)</b>				<b>From March--2022</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
V	84605	Quantum Mechanics-II	Tuesday 16/04/2024	02:30 P.M.  To  05:30 P.M.
VI	84606	Statistical Mechanics	Friday 19/04/2024	
VII	84607	Electrodynamics	Monday 22/04/2024	
VIII	84608	Atomic & Molecular Physics	Wednesday 24/04/2024	

**M.Sc. Statistics [NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Statistics [ NEP-0.2 ]</b>				<b>From Oct--2023</b>	
<b>Part I :- Sem.-I</b>					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
<b>Major Mandatory</b>					
I	92498	Distribution Theory	Tuesday 16/04/2024	02:30 P.M. To 05:30 P.M.	
II	92499	Estimation Theory	Friday 19/04/2024		
III	92500	Statistical Computing	Monday 22/04/2024	02:30 P.M. To 04:30 P.M.	
<b>Research Methodology</b>					
IV	93747	Research Methodology	Wednesday 24/04/2024	02:30 P.M. To 05:30 P.M.	
<b>Major Elective Any One Of The Following Paper</b>					
V	92502	Statistical Mathematics	Friday 26/04/2024		
	92503	Real Analysis	Monday 29/04/2024		
	92504	Linear Algebra	Tuesday 30/04/2024		

**M.Sc. Statistics [NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Statistics [ NEP-0.1 ]</b>				<b>From Oct--2022</b>
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	87863	Real Analysis	Monday 29/04/2024	02:30 P.M. To 05:30 P.M.
II	87864	Linear Algebra	Tuesday 30/04/2024	
III	87865	Distribution Theory	Tuesday 16/04/2024	
IV	87866	Estimation Theory	Friday 19/04/2024	
V	87867	Statistical Computing	Monday 22/04/2024	

**M.Sc. Statistics [CBCS]****( Course Code -2341)**

Branch Code- Statistics [CBCS]				From Oct--2021
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83438	Real Analysis	Monday 29/04/2024	02:30 P.M. To 05:30 P.M.
II	83439	Linear Algebra	Tuesday 30/04/2024	
III	83440	Distribution Theory	Tuesday 16/04/2024	
IV	83441	Estimation Theory	Friday 19/04/2024	
V	83442	Statistical Computing	Monday 22/04/2024	

**M.Sc. Statistics [NEP-0.2]****( Course Code -2375)**

Branch Code – STATISTICS [ NEP-0.2]				From March--2024
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	94563	Linear Models and Regression Analysis	Thursday 18/04/2024	10:30 A.M. To 01:30 P.M.
VII	94562	Theory of Testing of Hypothesis	Monday 15/04/2024	
	94845	Statistical Programming using Python	Saturday 20/04/2024	10:30 A.M. To 12:30 A.M.
<b>Major Elective Paper Any One</b>				10:30 A.M. To 01:30 P.M.
IX	94567	Bayesian Inference	Tuesday 23/04/2024	
X	94566	Probability Theory		
	94579	Reliability Theory		

**M.Sc. Statistics [NEP-0.1]****( Course Code -2353)**

Branch Code – STATISTICS [ NEP-0.1]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	90189	Probability Theory	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.
VII	90190	Theory of Testing of Hypothesis	Monday 15/04/2024	
VIII	90191	Linear Models and Regression Analysis	Thursday 18/04/2024	
IX	90192	Design and Analysis of Experiments	Saturday 20/04/2024	
X	90193	Sampling Theory and Official Statistics	Thursday 25/04/2024	

Branch Code – STATISTICS [CBCS]			From April--2022	
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	84612	Probability Theory	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.
VII	84613	Theory of Testing of Hypothesis	Monday 15/04/2024	
VIII	84614	Linear Models and Regression Analysis	Thursday 18/04/2024	
IX	84615	Design and Analysis of Experiments	Saturday 20/04/2024	
X	84616	Sampling Theory and Official Statistics	Thursday 25/04/2024	

## M.Sc. Applied Statistics &amp; Informatics [NEP-0.2]

( Course Code -2375)

Branch Code- Applied Statistics & Informatics [ NEP-0.2]			From Oct--2023	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
<b>Major Mandatory</b>				02:30 P.M. To 05:30 P.M.
I	92498	Distribution Theory	Tuesday 16/04/2024	
II	92499	Estimation Theory	Friday 19/04/2024	02:30 P.M. To 04:30 P.M.
III	92500	Statistical Computing	Monday 22/04/2024	
<b>Research Methodology</b>				
IV	93745	Research Methodology	Wednesday 24/04/2024	02:30 P.M. To 05:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				
V	92509	Fundamentals of Computer Programming	Friday 26/04/2024	
	92510	Statistical Programming Using C	Monday 29/04/2024	

## M.Sc. Applied Statistics &amp; Informatics [NEP-0.1]

( Course Code -2353)

Branch Code- Applied Statistics & Informatics [ NEP- 0.1]			From Oct--2022	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87777	Fundamentals of Computer Programming	Friday 26/04/2024	02:30 P.M. To 05:30 P.M.
II	87778	Linear Algebra	Tuesday 30/04/2024	
III	87779	Distribution Theory	Tuesday 16/04/2024	
IV	87780	Estimation Theory	Friday 19/04/2024	
V	87781	Statistical Computing	Monday 22/04/2024	

**M.Sc. Applied Statistics & Informatics [CBCS]****( Course Code -2341)**

Branch Code- Applied Statistics & Informatics [ CBCS]			From Oct--2021	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83404	Fundamentals of Computer Programming	Friday 26/04/2024	02:30 P.M. To 05:30 P.M.
II	83405	Linear Algebra	Tuesday 30/04/2024	
III	83406	Distribution Theory	Tuesday 16/04/2024	
IV	83407	Estimation Theory	Friday 19/04/2024	
V	83408	Statistical Computing	Monday 22/04/2024	

**M.Sc. Applied Statistics & Informatics [NEP-0.2]****( Course Code -2375)**

Branch Code – Applied Statistics & Informatics [ NEP-0.2			From March--2024	
Part I :- Sem.-II				
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	94563	Linear Models and Regression Analysis	Thursday 18/04/2024	10:30 A.M. To 01:30 P.M.
II	94562	Theory of Testing of Hypothesis	Monday 15/04/2024	
III	94845	Statistical Programming using Python	Saturday 20/04/2024	10:30 A.M. To 12:30 P.M.
<b>Major Elective Paper Any One</b>				
IV	94564	Statistical Programming using C++	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.
	94576	Advanced Data Structure with C++		
	94577	Cloud Computing and Data Visualization		
	94579	Reliability Theory		

**M.Sc. Applied Statistics & Informatics [NEP-0.1]****( Course Code -2353)**

Branch Code – Applied Statistics & Informatics [ NEP-0.1]			From March--2023	
Part I :- Sem.-II				
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	90086	Advanced Data Structure with C++	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.
VII	90087	Theory of Testing of Hypothesis	Monday 15/04/2024	
VIII	90088	Linear Models and Regression Analysis	Thursday 18/04/2024	
IX	90089	Design and Analysis of Experiments	Saturday 20/04/2024	
X	90090	Sampling Theory and Official Statistics	Thursday 25/04/2024	

Branch Code – STATISTICS [CBCS]			From April--2022	
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	84521	Advanced Data Structure with C++	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.
VII	84522	Theory of Testing of Hypothesis	Monday 15/04/2024	
VIII	84523	Linear Models and Regression Analysis	Thursday 18/04/2024	
IX	84524	Design and Analysis of Experiments	Saturday 20/04/2024	
X	84525	Sampling Theory and Official Statistics	Thursday 25/04/2024	

## M.Sc. Environmental Science [ NEP-0.2]

( Course Code -2375)

Branch Code- Environmental Science [ NEP-0.2]			From Oct-2023		
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
<b>Major Mandatory</b>					
I	92511	Introduction to Environment and Ecology	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.	
II	92512	Natural Resources Management and Sustainability	Thursday 25/04/2024		
<b>Research Methodology</b>					
III	92084	Research Methodology	Saturday 27/04/2024		
<b>Major Elective Any One Of The Following Paper</b>					
IV	92513	Environmental Chemistry, Microbiology and Instrumentation Techniques	Tuesday 30/04/2024		
	92514	Biodiversity Conservation and Wildlife Management			

## M.Sc. Environmental Science [ NEP-0.1]

( Course Code -2353)

Branch Code- Environmental Science [ NEP-0.1]			From Oct-2022	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87810	Global Environmental Issues	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	87811	Environmental Chemistry and Instrumentation Techniques	Thursday 25/04/2024	
III	87812	Environmental Geosciences, GIS and Remote Sensing	Saturday 27/04/2024	
IV	87813	Environmental Chemistry, Ecology and Biodiversity	Tuesday 30/04/2024	

**M.Sc. Environmental Science [ C.B.C.S.]**

**( Course Code- 2341)**

<b>Branch Code- Environmental Science ( C.B.C.S.)</b>				<b>From Oct-2019</b>
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	83449	Introduction To Environmental Science	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	83450	Environmental Chemistry	Thursday 25/04/2024	
III	83451	Environmental Biology	Saturday 27/04/2024	
IV	83452	Information Technology In Environmental Sciences	Tuesday 30/04/2024	

**M.Sc. Environmental Science [ NEP-0.2]**

**( Course Code -2375)**

<b>Branch Code- Environmental Science [ NEP-0.2]</b>				<b>From March-2024</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
<b>Major Mandatory</b>				
V	94594	Air, Noise, Soil and Radiation Pollution: Monitoring and its Control	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	94595	Water and Wastewater Management	Friday 26/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				
VIII	94597	Solid and Hazardous Waste Management	Monday 29/04/2024	
	94715	Environmental Geosciences and Climatology		

**M.Sc. Environmental Science [ NEP-0.1]**

**( Course Code -2353)**

<b>Branch Code- ENVIRONMENTAL [ NEP-0.1]</b>				<b>From March--2023</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	90132	Air and Noise Pollution with its Control	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	90133	Water Pollution and its Control	Friday 26/04/2024	
VII	90134	Solid and Hazardous Waste Management	Monday 29/04/2024	
VIII	90135	Energy studies	Thursday 02/05/2024	

**M.Sc. Environmental Science ( C.B.C.S. )**

**( Course Code- 2341)**

<b>Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)</b>				<b>March- 2022</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	84564	Environmental Engineering	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	84565	Environmental Pollution and control	Friday 26/04/2024	
VII	84566	Environmental Geosciences and Climatology	Monday 29/04/2024	
VIII	84567	Energy studies	Thursday 02/05/2024	

**M.Sc. Medical Information Management [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Medical Information Management [ NEP-0.2]</b>				<b>From Oct-2023</b>	
Part I :- Sem.-I					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
<b>Major Mandatory</b>					
I	92528	Introduction to Biological Sciences	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.	
II	92529	Medical Informatics	Thursday 25/04/2024		
<b>Research Methodology</b>					
III	93751	Research Methodology	Saturday 27/04/2024		
<b>Major Elective Any One Of The Following Paper</b>					
IV	92530	German Language –A1	Tuesday 30/04/2024		
	92391	Cell Biology, Microbiology and Virology			

**M.Sc. Medical Information Management [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Medical Information Management [ NEP-0.1]</b>				<b>From Oct--2022</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	87845	Information Technology in Health Sciences	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	87846	Introduction to Biological Sciences	Thursday 25/04/2024	
III	87847	Medical Informatics	Saturday 27/04/2024	
IV	87848	German Language –A1	Tuesday 30/04/2024	

**M.Sc. Medical Information Management [CBCS]****( Course Code- 2341)**

<b>Branch Code- Medical Information Management</b>				<b>From Oct--2019</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	83486	Information Technology in Health Sciences	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	83487	Introduction to Biological Sciences	Thursday 25/04/2024	
III	83488	Medical Informatics	Saturday 27/04/2024	
IV	83489	German Language –A1	Tuesday 30/04/2024	

**M.Sc. Medical Information Management [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Medical Information Management [ NEP-0.2]</b>				<b>From March--2024</b>	
Part I :- Sem.-II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	94694	Clinical Data and Quality Management	Wednesday 24/04/2024	10:30 A.M.	
VI	94695	Clinical Quality Management-I	Friday 26/04/2024	To	
<b>Major Elective Any One Of The Following Paper</b>					
VIII	94696	Clinical Data Management	Monday 29/04/2024	01:30 P.M.	

**M.Sc. Medical Information Management [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Medical Information Management [ NEP-0.1]</b>				<b>From March--2023</b>	
Part I :- Sem.-II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	90176	Research Methods and Statistics	Wednesday 24/04/2024	10:30 A.M.	
VI	90177	Clinical Data and Quality Management	Friday 26/04/2024	To	
VII	90178	Clinical Quality Management	Monday 29/04/2024	01:30 P.M.	
VIII	90179	Clinical Data Management	Thursday 02/05/2024		

**M.Sc. Medical Information Management ( C.B.C.S.)****( Course Code- 2341)**

<b>Branch Code- Medical Information Management ( C.B.C.S.)</b>				<b>From April-2022</b>	
Part I :- Sem.-II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	84599	Research Methods and Statistics	Wednesday 24/04/2024	10:30 A.M.	
VI	84600	Clinical Data and Quality Management	Friday 26/04/2024	To	
VII	84601	Clinical Quality Management	Monday 29/04/2024	01:30 P.M.	
VIII	84602	Clinical Data Management	Thursday 02/05/2024		

**M.Sc. Food Science & Technology [NEP-0.2]****(Course Code -2375)**

<b>Branch Code- Food Science &amp; Technology [ NEP-0.2]</b>				<b>From Oct-2023</b>		
		Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>		
<b>Major Mandatory</b>						
I	92576	Food Microbiology	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.		
II	92575	Food Chemistry	Thursday 25/04/2024			
III	92579	Advance Instrumentation in Food Analysis	Saturday 27/04/2024	02:30 P.M. To 04:30 P.M.		
<b>Research Methodology</b>						
IV	93756	Research Methodology	Tuesday 30/04/2024	02:30 P.M. To 05:30 P.M.		
<b>Major Elective Any One Of The Following Paper</b>						
V	92577	Principles of Food Processing & Preservation	Friday 03/05/2024			
	92578	Biochemistry and Nutrition				

**M.Sc. Food Science & Technology [NEP-0.1 )****(Course Code -2353)**

<b>Branch Code- Food Science &amp; Technology [ NEP-0.1)</b>				<b>From Oct-2022</b>		
		Part I :- Sem.-I				
<b>PAPER No.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>		
I	87818	Principles Of Food Processing Presservation	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.		
II	87819	Food Microbiology	Thursday 25/04/2024			
III	87820	Food Chemistry	Saturday 27/04/2024			
IV	87821	Biochemistry And Nutrition	Tuesday 30/04/2024			

**M.Sc. Food Science & Technology [C.B.C.S.]****(Course Code- 2341)**

<b>Branch Code- Food Science &amp; Technology ( C.B.C.S.)</b>				<b>From Oct-2019</b>		
		Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>		
I	83454	Principles Of Food Processing & Preservation	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.		
II	83455	Food Microbiology	Thursday 25/04/2024			
III	83456	Food Chemistry	Saturday 27/04/2024			
IV	83457	Biochemistry And Nutrition	Tuesday 30/04/2024			

**M.Sc. Food Science & Technology[ NEP-0.2] ( Course Code -2375)**

Branch Code- FOOD SCIENCE & TECHNOLOGY [ NEP-0.2]				From March--2024
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	94724	Food Engineering	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VII	94725	Food Packaging	Friday 26/04/2024	
V	94726	Entrepreneurship Development in Food Processing	Monday 29/04/2024	10:30 A.M. To 12:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				10:30 A.M. To 01:30 P.M.
VIII	94728	Food Quality and Safety Management	Tuesday 02/05/2024	
	94729	Food Additives, Contaminants and Toxicology		

**M.Sc. Food Science & Technology [ NEP-0.1]**

**( Course Code -2353)**

Branch Code- FOOD SCIENCE & TECHNOLOGY [ NEP-0.1]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	90145	Principles of Food Engineering	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VII	90146	Cereal and Legume Technology	Friday 26/04/2024	
V	90147	Fruit and Vegetable Technology	Monday 29/04/2024	
VIII	90148	Fermentation Technology	Tuesday 02/05/2024	

**M.Sc. Food Science & Technology [C.B.C.S.]**

**(Course Code -2341)**

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From April-2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	85081	Principles of Food Engineering	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VII	85082	Cereal and Legume Technology	Friday 26/04/2024	
V	85083	Fruit and Vegetable Technology	Monday 29/04/2024	
VIII	85084	Fermentation Technology	Tuesday 02/05/2024	

**M.Sc. Alcohol Technology (Entire ) [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Alcohol Technology (Entire ) [ NEP-0.2]</b>				<b>From Oct-2023</b>	
		Part I :- Sem.-I			
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
<b>Major Mandatory</b>					
I	92551	Alcohol Technology - I	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.	
II	92552	Microbiology	Thursday 25/04/2024		
<b>Research Methodology</b>					
III	93749	Research Methodology	Saturday 27/04/2024		
<b>Major Elective Any One Of The Following Paper</b>					
IV	92553	Bio-Chemistry	Tuesday 30/04/2024		
	92554	Applied Chemistry			

**M.Sc. Alcohol Technology [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Alcohol Technology [ NEP-0.1]</b>				<b>From Oct--2022</b>
		Part I :- Sem.-I		
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	87767	Alcohol Technology - I	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.
II	87768	Microbiology	Thursday 25/04/2024	
III	87769	Bio-Chemistry	Tuesday 30/04/2024	
IV	87770	Applied Chemistry	Saturday 27/04/2024	

**M.Sc. Alcohol Technology [ C.B.C.S.]****( Course Code -2341)**

<b>Branch Code- Alcohol Technology ( C.B.C.S.)</b>				<b>From Oct--2020</b>
		Part I :- Sem.-I		
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	83397	Alcohol Technology - I	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.
II	83398	Microbiology	Thursday 25/04/2024	
III	83395	Bio-Chemistry	Tuesday 30/04/2024	
IV	83396	Applied Chemistry	Saturday 27/04/2024	

**M.Sc. Alcohol Technology (Entire ) [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code - Alcohol Technology (Entire ) [ NEP-0.2]</b>				<b>From March--2024</b>
<b>Part I – Sem.- II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	94587	Alcohol Technology-II	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	94588	Applied Microbiology	Friday 26/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				
VII	94592	Industrial Fermentation-I	Monday 29/04/2024	
VIII	94593	Pollution Prevention & Control		

**M.Sc. Alcohol Technology [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code - Alcohol Technology [ NEP-0.1]</b>				<b>From March--2023</b>
<b>Part I – Sem.- II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	90068	Alcohol Technology-II	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	90069	Applied Microbiology	Friday 26/04/2024	
VII	90070	Industrial Fermentation-I	Monday 29/04/2024	
VIII	90071	Applied Process Instrumentation	Tuesday 30/04/2024	

**M.Sc. Alcohol Technology [ C.B.C.S.]****( Course Code -2341)**

<b>Branch Code - Alcohol Technology ( C.B.C.S. )</b>				<b>(From April-2022)</b>
<b>Part I – Sem.- II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	84502	Industrial Fermentation	Monday 29/04/2024	10:30 A.M.  To  01:30 P.M.
VI	84503	Alcohol Technology-II	Wednesday 24/04/2024	
VII	84504	Applied Microbiology	Friday 26/04/2024	
VIII	84505	Applied Process Instrumentation	Tuesday 30/04/2024	

**M.Sc. Sugar Technology (Entire ) [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Sugar Technology [ NEP-0.2]</b>				<b>From Oct-2023</b>	
<b>Part I :- Sem.-I</b>					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
<b>Major Mandatory</b>					
I	92569	Sugar Processing-I	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.	
II	92570	Sugar Engineering	Thursday 25/04/2024		
<b>Research Methodology</b>					
III	93742	Research Methodology	Saturday 27/04/2024		
<b>Major Elective Any One Of The Following Paper</b>					
IV	92393	Sugarcane Agriculture- I	Tuesday 30/04/2024		
	92394	Sugar & Biochemistry			

**M.Sc. Sugar Technology [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Sugar Technology [ NEP-0.1]</b>				<b>From Oct--2022</b>
Part I :- Sem.-I				
<b>NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	87868	Sugar Cane Agriculture	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.
II	87869	Sugar Processing-Clarification & Evaporation	Thursday 25/04/2024	
III	87870	Sugar Engineering-Milling	Saturday 27/04/2024	
IV	87871	Chemical Control	Tuesday 30/04/2024	

**M.Sc. Sugar Technology [ C.B.C.S.]****( Course Code- 2341)**

<b>Branch Code- Sugar Technology ( C.B.C.S.)</b>				<b>From Oct--2020</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	83508	Sugar Cane Agriculture	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.
II	83509	Sugar Processing-Clarification & Evaporation	Thursday 25/04/2024	
III	83510	Sugar Engineering-Milling	Saturday 27/04/2024	
IV	83511	Chemical Control	Tuesday 30/04/2024	

**M.Sc. Sugar Technology (Entire ) [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code - Sugar Technology (Entire ) [ NEP-0.2]</b>				<b>From March-2024</b>
Part I – Sem. II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	94556	Chemical Engineering	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	94555	Sugar Processing-II	Friday 26/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				
VII	94560	Sugarcane Agriculture-II	Monday 29/04/2024	
VIII	94561	Organic & Physical Chemistry		

**M.Sc. Sugar Technology [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code - Sugar Technology [ NEP-0.1]</b>				<b>From March-2023</b>
Part I – Sem. II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	90198	Sugar Chemistry(SUCHEM)	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	90199	Sugar Processing-Crystalization & Finishing	Friday 26/04/2024	
VII	90200	Sugar Engineering-Steam & Power Generation(SEEPPG)	Monday 29/04/2024	
VIII	90201	Equipment Design and Drawing(EDD)	Thursday 02/05/2024	

**M.Sc. Sugar Technology ( C.B.C.S. )****( Course Code- 2341)**

<b>Branch Code - Sugar Technology ( C.B.C.S. )</b>				<b>(From April-2022</b>	
Part I – Sem. II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	84621	Sugar Chemistry(SUCHEM)	Wednesday 24/04/2024	10:30 A.M.  To	
VI	84622	Sugar Processing-Crystalization & Finishing	Friday 26/04/2024		
VII	84623	Sugar Engineering-Steam & Power Generation(SEEPG)	Monday 29/04/2024	01:30 P.M.	
VIII	84624	Equipment Design and Drawing(EDD)	Thursday 02/05/2024		

**M.Sc. Food Science and Nutrition (NEP-0.2)****[Course code 2375]**

<b>Branch Code- Food Science and Nutrition [ NEP-0.2]</b>				<b>From Oct-2023</b>			
Part I :- Sem.-I							
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>			
<b>Major Mandatory</b>							
I	92539	Human Physiology	Tuesday 23/04/2024	2:30 P.M. To 05:30 P.M.			
II	92540	Advances in Food Chemistry	Thursday 25/04/2024				
III	92543	Food Preservation Techniques	Saturday 27/04/2024	2:30 P.M. To 04:30 P.M.			
<b>Research Methodology</b>							
IV	93755	Research Methodology	Tuesday 30/04/2024	2:30 P.M. To 05:30 P.M.			
<b>Major Elective Any One Of The Following Paper</b>							
V	92541	Advances in Nutrition Science	Friday 03/05/2024				
	92542	Nutrition Through Life Cycle					

**M.Sc. Food Science and Nutrition (NEP-0.1)****[Course code 2353]**

<b>Branch Code:- M.Sc. Food Science and Nutrition (NEP-0.1)</b>				<b>From Oct - 2022</b>	
<b>Part - I, Sem.- I</b>					
<b>Paper No</b>	<b>Subject Code</b>	<b>Paper Name</b>	<b>Day &amp; Date</b>	<b>Evening</b>	
I	87814	Human Physiology	Tuesday 23/04/2024	02:30 P.M.  To	
II	87815	Food Preservation Techniques	Thursday 25/04/2024		
III	87816	Advances in Food Chemistry	Saturday 27/04/2024	05:30 P.M.	
IV	87817	Nutrition Through Life Cycle	Tuesday 30/04/2024		

<b>Branch Code:- M.Sc. Food Science and Nutrition (C.B.C.S)</b>				<b>From Oct - 2021</b>
<b>Part - I , Sem.- I</b>				
<b>Paper No</b>	<b>Subject Code</b>	<b>Paper Name</b>	<b>Day &amp; Date</b>	<b>Evening</b>
I	83846	Human Physiology	Tuesday 23/04/2024	02:30 P.M.  To  05:30 P.M.
II	83847	Food Preservation Techniques	Thursday 25/04/2024	
III	83848	Advances in Food Chemistry	Saturday 27/04/2024	
IV	83849	Nutrition Through Life Cycle	Tuesday 30/04/2024	

**M.Sc. Food Science and Nutrition (NEP-0.2)****[Course code 2375]**

<b>Branch Code:- M.Sc. Food Science and Nutrition (NEP-0.2)</b>				<b>From March - 2024</b>
<b>Part - I , Sem.- II</b>				
<b>Paper No</b>	<b>Subject Code</b>	<b>Paper Name</b>	<b>Day &amp; Date</b>	<b>Morning</b>
V	94580	Advances in Food Microbiology	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	94581	Processing of Cereal, Legume and oilseeds	Friday 26/04/2024	
	94583	Nutritional Biochemistry	Monday 29/04/2024	10:30 A.M. To 12:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				10:30 A.M. To 01:30 P.M.
VII	94584	Dietetics and Diet Counselling	Thursday 02/05/2024	
VIII	94585	Clinical Nutrition		

**M.Sc. Food Science and Nutrition (NEP-0.1)****[Course code 2353]**

<b>Branch Code:- M.Sc. Food Science and Nutrition (NEP-0.1)</b>				<b>From March - 2023</b>
<b>Part - I , Sem.- II</b>				
<b>Paper No</b>	<b>Subject Code</b>	<b>Paper Name</b>	<b>Day &amp; Date</b>	<b>Morning</b>
V	90140	Advances in Food Microbiology	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	90141	Processing of Cereal, Legume and oilseeds	Friday 26/04/2024	
VII	90142	Processing of Fruits and Vigitables	Monday 29/04/2024	
VIII	90143	Nutritional Biochemistry	Thursday 02/05/2024	

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)		From March - 2022		
		Part - I, Sem.- II		
Paper No	Subject Code	Paper Name	Day & Date	Morning
V	83851	Advances in Food Microbiology	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	83852	Food Preservation Techniques	Friday 26/04/2024	
VII	83853	Advances in Food Chemistry	Monday 29/04/2024	
VIII	83854	Nutrition Through Life Cycle	Thursday 02/05/2024	

## M.Sc. Embedded Technology [NEP-0.2]

( Course Code -2375)

Branch Code- Embedded Technology [NEP-0.2]		From Oct-2023		
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
<b>Major Mandatory</b>				02:30 P.M. To 05:30 P.M
I	92533	Fundamentals of Embedded System Design	Tuesday 23/04/2024	
II	92534	CMOS Analog Circuit Design	Thursday 25/04/2024	
III	92535	Architecture and programming with AVR Microcontroller	Saturday 27/04/2024	02:30 P.M. To 04:30 P.M
<b>Research Methodology</b>				02:30 P.M.  To  05:30 P.M
IV	93754	Research Methodology	Tuesday 30/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				05:30 P.M
V	92537	Advanced Microcontroller Based Embedded system Design	Thursday 02/05/2024	
	92538	Programming with Python		

## M.Sc. Embedded Technology [NEP-0.1]

( Course Code -2353)

Branch Code- Embedded Technology [NEP-0.1]		From Oct--2022		
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87800	Fundamental of Embedded System Design	Tuesday 23/04/2024	02:30 P.M.  To  05:30 P.M.
II	87801	CMOS Analog Circuit Design	Thursday 25/04/2024	
III	87802	Advanced Digital Design with Verilog HDL	Saturday 27/04/2024	
IV	87803	Advanced Microcontroller Based Embedded system Design	Tuesday 30/04/2024	

**M.Sc. Embedded Technology [ C.B.C.S.]****( Course code-2341)**

<b>Branch Code- Embedded Technology ( C.B.C.S.)</b>				<b>From Oct--2021</b>
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	84174	Fundamental of Embedded System Design	Tuesday 23/04/2024	02:30 P.M.  To  05:30 P.M.
II	84175	CMOS Analog Circuit Design	Thursday 25/04/2024	
III	84176	Advanced Digital Design with Verilog HDL	Saturday 27/04/2024	
IV	84177	Advanced Microcontroller Based Embedded system Design	Tuesday 30/04/2024	

**M.Sc. Embedded Technology [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Embedded Technology [ NEP-0.2]</b>				<b>From March--2024</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	94613	Real Time Operating System	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	94614	Mixed Signal Based PSoC Design	Friday 26/04/2024	
VII	94615	Embedded System Design with FPGA	Monday 29/04/2024	10:30 A.M. To 12:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				10:30 A.M. To 01:30 P.M.
VIII	94617	Device Drivers and Embedded System	Friday 03/05/2024	
	94618	Internet of Things		

**M.Sc. Embedded Technology [ NEP-0.1]****( Course Code -2353)**

<b>Branch Code- Embedded Technology [ NEP-0.1]</b>				<b>From March--2023</b>
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	90126	Real Time Operating System	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	90127	Mixed Signal Based PSoC Design	Friday 26/04/2024	
VII	90128	Embedded System Design with	Monday 29/04/2024	
VIII	90129	Device Drivers and Embedded System	Friday 03/05/2024	

**M.Sc. Embedded Technology [ C.B.C.S.]****( Course code-2341)**

<b>Branch Code- Embedded Technology ( C.B.C.S.)</b>				<b>From March--2022</b>
Part I :- Sem.-II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	85088	Real Time Operating System	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	85089	Mixed Signal Based PSoC Design	Friday 26/04/2024	
VII	85090	Embedded System Design with	Monday 29/04/2024	
VIII	85091	Device Drivers and Embedded System	Friday 03/05/2024	

**M.Sc. Data Science [ NEP-0.2]****( Course Code -2375)**

<b>Branch Code- Data Science [ NEP-0.2]</b>				<b>From Oct-2023</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
<b>Major Mandatory</b>				
I	92517	Database Management System	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	92516	Introduction to Statistics	Thursday 25/04/2024	
III	92519	Python	Saturday 27/04/2024	02:30 P.M. To 04:30 P.M.
<b>Research Methodology</b>				
IV	93743	Research Methodology	Tuesday 30/04/2024	02:30 P.M. To 05:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				
V	92520	Data Mining	Thursday 02/05/2024	
	92521	Data Structure		

**M.Sc. Data Science [ NEP-0.1]****( Course code-2353)**

<b>Branch Code- Data Science [ NEP-0.1 ]</b>				<b>From Oct--2022</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	88401	Basic Statistics for Data Science	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	88402	Feature Engineering-1	Thursday 25/04/2024	
III	88403	Data Structure using Python	Saturday 27/04/2024	
IV	88404	Introduction to Database Management System	Tuesday 30/04/2024	

**M.Sc. Data Science [ NEP-0.2]**

**( Course code-2375)**

<b>Branch Code- Data Science [ NEP-0.2 ]</b>				<b>From March--2024</b>
Part I :- Sem.-II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	94606	Statistics	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	94607	Java Programming	Friday 26/04/2024	
VII	94609	Web Design	Monday 29/04/2024	10:30 A.M. To 12:30 P.M.
<b>Major Elective Any One Of The Following Paper</b>				10:30 A.M. To 01:30 P.M.
	94610	Image Processing	Friday 03/05/2024	
	94611	Big Data		

**M.Sc. Data Science [ NEP-0.1]**

**( Course code-2353)**

<b>Branch Code- Data Science [ NEP -0.1 ]</b>				<b>From March--2023</b>
Part I :- Sem.-II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	88406	Advanced Statistics for Data Science	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
VI	88407	Feature Engineering	Friday 26/04/2024	
VII	88408	Machine Learning	Monday 29/04/2024	
VIII	88409	Design and Analysis of Algorithm	Friday 03/05/2024	

**M.Sc. Information Technology [ NEP-0.2]**

**( Course Code -2375)**

<b>Branch Code- Information Technology [ NEP-0.2]</b>				<b>From Oct-2023</b>
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
<b>Major Mandatory</b>				02:30 P.M. To 05:30 P.M.
CC-101	92545	Advanced Web Technology	Tuesday 23/04/2024	
CC -102	92546	Cloud Computing	Thursday 25/04/2024	
CC-104	92548	Research in Computing	Saturday 27/04/2024	02:30 P.M. To 04:30 P.M.
<b>Research Methodology</b>				02:30 P.M. To 05:30 P.M.
RM -106	93752	Research Methodology	Tuesday 30/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				
CCS-105	92549	Machine Learning Processing	Thursday 02/05/2024	
	92550	Advanced Database Management System		

**M.Sc. Information Technology [ NEP-0.1]****( Course code-2353)**

<b>Branch Code- Information Technology [ NEP-0.1]</b>				<b>From Oct--2022</b>	
Part I :- Sem.-I					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
I	87854	Research Computing	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.	
II	87855	Advance Web Technology	Thursday 25/04/2024		
III	87856	Cloud Computing	Saturday 27/04/2024		
<b>Choose Any One Of The Following Paper</b>					
IV	89075	Soft Computing Techniques	Tuesday 30/04/2024		
	89074	Advanced Database Management System			
	89076	Machine Learning Processing			

**M.Sc. Information Technology [ NEP-0.2]****( Course code-2375)**

<b>Branch Code- Information Technology [ NEP-0.2]</b>				<b>From March--2024</b>	
Part I :- Sem.-II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	94569	Data Science	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.	
VI	94570	Advance Java Programming	Friday 26/04/2024		
VII	94572	Big Data Analytics	Monday 29/04/2024	10:30 A.M. To 12:30 P.M.	
<b>Choose Any One Of The Following Paper</b>					
VIII	94574	Modern Networking	Friday 03/05/2024	10:30 A.M. To 01:30 P.M.	
	94573	Natural Language Processing			

**M.Sc. Information Technology [ NEP-0.1]****( Course code-2353)**

<b>Branch Code- Information Technology [ NEP-0.1]</b>				<b>From March--2023</b>	
Part I :- Sem.-II					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
V	90515	Data Science	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.	
VI	90516	Advance Java Technology	Friday 26/04/2024		
VII	90517	Big Data Analytics	Monday 29/04/2024		
<b>Choose Any One Of The Following Paper</b>					
VIII	90518	Modern Networking	Friday 03/05/2024		
	90519	Natural Language Processing			
	90520	Deep Learning			

**M.Sc. Geoinformatics. [ NEP-0.2]**

**( Course Code -2375)**

<b>Branch Code- Geoinformatics. [ NEP-0.2]</b>				<b>From Oct-2023</b>			
		Part I :- Sem.-I					
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>			
<b>Major Mandatory</b>							
I	92355	Fundamentals and Applications of Remote Sensing	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.			
II	92356	Geographical Information System (GIS)	Thursday 25/04/2024				
<b>Research Methodology</b>							
IV	93748	Research Methodology	Saturday 27/04/2024				
<b>Major Elective Any One Of The Following Paper</b>							
V	92357	Fundamentals and Principles of Modern Surveying	Tuesday 30/04/2024				
	92359	Statistics for Geospatial Studies					

**M.Sc. Geoinformatics. [ NEP-0.2]**

**( Course Code -2375)**

<b>Branch Code- Geoinformatics. [ NEP-0.2]</b>				<b>From March-2024</b>	
		Part I :- Sem.-II			
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>	
<b>Major Mandatory</b>					
I	94600	Database Management System and Web GIS	Wednesday 24/04/2024	10:30 A.M.	
II	94599	Photogrammetry and Digital Image processing	Friday 26/04/2024	To	
<b>Major Elective Any One Of The Following Paper</b>					
V	94604	Coastal Zone Studies	Monday 29/04/2024	01:30 P.M.	
	94603	Geodesy and Digital Cartography			

**M.A/M.Sc. Geography [ NEP-0.2]**

**(Course code-4474)**

<b>Branch Code- Geography [ NEP-0.2]</b>				<b>From Oct-2023</b>	
		Part I :- Sem.-I			
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>	
<b>Major Mandatory</b>					
I	92581	Geomorphology	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.	
II	92582	Principles of Climatology	Thursday 25/04/2024		
III	92583	Economic Geography	Saturday 27/04/2024		
<b>Research Methodology</b>					
IV	92593	Research Methodology	Tuesday 30/04/2024		
<b>Major Elective Any One Of The Following Paper</b>					
V	92584	Population of Geography And Human Resource Development	Thursday 02/05/2024		
	92585	Settlement Geography			
	92586	Geography of Health Nutrition			

**M.A/M.Sc. Geography [ NEP-0.1]****(Course code-4464)**

<b>Branch Code- Geography [ NEP-0.1]</b>			<b>From Oct--2022</b>	
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	88327	Fundamentals of Geomorphology	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	88328	Principles of Climatology	Thursday 25/04/2024	
III	88329	Economic Geography	Saturday 27/04/2024	
IV	88330	Geography of Population and Human Resource Development	Tuesday 30/04/2024	

**M.A/M.Sc. Geography [ C.B.C.S.] (New Course code-412)**

<b>Branch Code- Geography ( C.B.C.S.)</b>			<b>From Oct--2019</b>	
Part I :- Sem.-I				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Evening</b>
I	84073	Fundamentals of Geomorphology	Tuesday 23/04/2024	02:30 P.M. To 05:30 P.M.
II	84074	Principles of Climatology	Thursday 25/04/2024	
III	84075	Economic Geography	Saturday 27/04/2024	
IV	84076	Geography of Population and Human Resource Development	Tuesday 30/04/2024	

**M.A./M.Sc. Geography [ NEP-0.2]****(Course code-4474)**

<b>Branch Code - GEOGRAPHY [ NEP-0.2]</b>			<b>(From March-2024)</b>	
Part I – Sem.- II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	94770	Advanced Cartography and Surveying	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	94771	Climate Change and Disaster Management	Friday 26/04/2024	
<b>Major Elective Any One Of The Following Paper</b>				
VII	94773	Fundamental of Soil Geography	Monday 29/04/2024	
VIII	94774	Tourisms Geography		
	94772	Fundamentals and Applications of GIS and GPS		

**M.A./M.Sc. Geography [ NEP-0.1]****(Course code-4464)**

<b>Branch Code - GEOGRAPHY [ NEP-0.1]</b>		<b>(From March-2023)</b>		
<b>Part I – Sem.- II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	88332	Development of Modern Geographical Thought	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	88333	Geohydrology and Oceanography	Friday 26/04/2024	
VII	88334	Social and Cultural Geography	Monday 29/04/2024	
VIII	88335	Advanced Cartography and Surveying	Friday 03/05/2024	

**M.A./M.Sc. Geography [C.B.C.S.]****(New Course code-412)**

<b>Branch Code - GEOGRAPHY ( C.B.C.S.)</b>		<b>(From April-2022)</b>		
<b>Part I - Sem II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Morning</b>
V	85108	Applied Geomorphology	Wednesday 24/04/2024	10:30 A.M.  To  01:30 P.M.
VI	85109	Applied Climatology and Climate Change	Friday 26/04/2024	
VII	85112	Social and Cultural Geography	Monday 29/04/2024	
VIII	85113	Advanced Cartography and Surveying	Friday 03/05/2024	

**Note:-** In case of any Query found in respective Question Paper, student shall communicate the same through Principal / Senior Supervisor within 03 days from the date of concerned Question paper to, Deputy Registrar, Appointment Section, Room No. 205 Exam Building No. 1 Shivaji Univeristy, Kolhapur- 416004.

Vidyanagar,  
Kolhapur – 416 004  
Date :- 20 Feb. 2024

Sd/-  
**Dr. Ajitsinh. N. Jadhav**  
**DIRECTOR**  
**BOARD OF EXAMINATIONS AND EVALUATION**