SHIVAJI UNIVERSITY KOLHAPUR

Circular No. (598) Winter Session Offline Exam of Oct/Nov.-2023
to be held in Oct.-2023.

Final Programme of the M.Sc. Part-I (Sem.- I) NEP-2020 Course Code-2375 & M.Sc. Part-I (Sem. -I to Sem.- II) CBCS Corse code- 2353 & 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) NEP-2020 Course Code- 4475 & M.A/M.Sc. Geography (Sem. -I to Sem.- II) CBCS Corse code- 4464 & new course code-412. Examination Oct/Nov -2023 to be held in Oct/Nov.-2023

INSTRUCTIONS-Common instruction as per Circular No. SU/Appointment/RVC/29

Dated 01/02/2020 and also available in University website 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	Vivekanand College, Kolhapur
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

M.Sc. PHYSICS [NEP-2020]   (Course Code -2375)

Branch Code- PHYSICS (NEP-2020)				From Oct--2023	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
Major Mandatory					
I	92558	Mathematical Physics	Monday 11/12/2023		
II	92559	Classical Mechanics	Wednesday 13/12/2023		
Research Methodology					
III	93753	Research Methodology	Friday 15/12/2023	10:30 A.M. To 01:30 P.M.	
Major Elective Any One Of The Following Paper					
IV	92562	Solid State Physics-I	Monday 18/12/2023		
	92563	Space Physics-I			
	92564	Theoretical Physics-I			
	92565	Modern Optics-I			
	92566	Energy Science-I			
	92567	Material Science-I			

M.Sc. PHYSICS [NEP]   (Course Code -2353)

Branch Code- PHYSICS (NEP-2020)				From Oct--2022	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
I	87859	Mathematical Physics	Monday 11/12/2023	10:30 A.M. To 01:30 P.M.	
II	87860	Classical Mechanics	Wednesday 13/12/2023		
III	87861	Quantum Mechanics-I	Friday 15/12/2023		
IV	87862	Condensed Matter Physics	Monday 18/12/2023		

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

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 11/12/2023	10:30 A.M. To 01:30 P.M.
II	83503	Classical Mechanics	Wednesday 13/12/2023	
III	83504	Quantum Mechanics-I	Friday 15/12/2023	
IV	83505	Condensed Matter Physics	Monday 18/12/2023	

M.Sc. PHYSICS[C.B.C.S.] [NEP]　　　　　　　　**(Course Code -2353)**

Branch Code- PHYSICS (C.B.C.S.) [NEP]				From March--2023
		Part I :- Sem.-II		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Evening**
V	90182	Quantum Mechanics-II	Tuesday 12/12/2023	02:30 P.M. To 05:30 P.M.
VI	90183	Statistical Mechanics	Thursday 14/12/2023	
VII	90184	Electrodynamics	Saturday 16/12/2023	
VIII	90185	Atomic & Molecular Physics	Tuesday 19/12/2023	

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

Branch Code- PHYSICS (C.B.C.S.)				From March--2022
		Part I :- Sem.-II		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Evening**
V	84605	Quantum Mechanics-II	Tuesday 12/12/2023	02:30 P.M. To 05:30 P.M.
VI	84606	Statistical Mechanics	Thursday 14/12/2023	
VII	84607	Electrodynamics	Saturday 16/12/2023	
VIII	84608	Atomic & Molecular Physics	Tuesday 19/12/2023	

M.Sc. Statistics [NEP-2020]   (Course Code -2375)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Statistics [NEP-2020] NEP 2.0				**From Oct--2023**
		Part I :- Sem.-I		
Major Mandatory				
I	92498	Distribution Theory	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
II	92499	Estimation Theory	Monday 04/12/2023	
III	92500	Statistical Computing	Wednesday 06/12/2023	10:30 A.M. To 12:30 P.M.
Research Methodology				
IV	93747	Research Methodology	Friday 08/12/2023	10:30 A.M. To 01:30 P.M.
Major Elective Any One Of The Following Paper				
V	92502	Statistical Mathematics	Monday 11/12/2023	
	92503	Real Analysis		
	92504	Linear Algebra		

M.Sc. Statistics [NEP-2020]   (Course Code -2353)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Statistics [NEP]				**From Oct--2022**
		Part I :- Sem.-I		
I	87863	Real Analysis	Monday 11/12/2023	10:30 A.M. To 01:30 P.M.
II	87864	Linear Algebra	Friday 08/12/2023	
III	87865	Distribution Theory	Wednesday 29/11/2023	
IV	87866	Estimation Theory	Monday 04/12/2023	
V	87867	Statistical Computing	Wednesday 06/12/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Statistics [CBCS]				**From Oct--2021**
		Part I :- Sem.-I		
I	83438	Real Analysis	Monday 11/12/2023	10:30 A.M. To 01:30 P.M.
II	83439	Linear Algebra	Friday 08/12/2023	
III	83440	Distribution Theory	Wednesday 29/11/2023	
IV	83441	Estimation Theory	Monday 04/12/2023	
V	83442	Statistical Computing	Wednesday 06/12/2023	

M.Sc. Statistics [NEP-2020] (Course Code -2353)

Branch Code – STATISTICS [NEP]				From March--2023
		Part I :- Sem.-II		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Evening**
VI	90189	Probability Theory	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VII	90190	Theory of Testing of Hypothesis	Monday 04/12/2023	
VIII	90191	Linear Models and Regression Analysis	Wednesday 06/12/2023	
IX	90192	Design and Analysis of Experiments	Friday 08/12/2023	
X	90193	Sampling Theory and Official Statistics	Monday 11/12/2023	

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

Branch Code – STATISTICS [CBCS] NEP 1.0From April--2022				
		Part I :- Sem.-II		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Evening**
VI	84612	Probability Theory	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VII	84613	Theory of Testing of Hypothesis	Monday 04/12/2023	
VIII	84614	Linear Models and Regression Analysis	Wednesday 06/12/2023	
IX	84615	Design and Analysis of Experiments	Friday 08/12/2023	
X	84616	Sampling Theory and Official Statistics	Monday 11/12/2023	

M.Sc. Applied Statistics & Informatics [NEP-2020] (Course Code -2375)

Branch Code- Applied Statistics & Informatics [NEP-2020] NEP 2.0				From Oct--2023
		Part I :- Sem.-I		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**
Major Mandatory				10:30 A.M. To 01:30 P.M.
I	92498	Distribution Theory	Wednesday 29/11/2023	
II	92499	Estimation Theory	Monday 04/12/2023	
III	92500	Statistical Computing	Wednesday 06/12/2023	10:30 A.M. To 12:30 P.M.
Research Methodology				
IV	93745	Research Methodology	Friday 08/12/2023	10:30 A.M. To 01:30 P.M.
Major Elective Any One Of The Following Paper				
V	92509	Fundamentals of Computer Programming	Monday 11/12/2023	
	92510	Statistical Programming Using C		

M.Sc. Applied Statistics & Informatics [NEP-2020]   **(Course Code -2353)**

Branch Code- Applied Statistics & Informatics [NEP-2020] NEP 1.0 From Oct--2022

PAPER NO.	PAPER CODE	Part I :- Sem.-I PAPER NAME	DAY & DATE	Morning
I	87777	Fundamentals of Computer Programming	Monday 11/12/2023	10:30 A.M. To 01:30 P.M.
II	87778	Linear Algebra	Friday 08/12/2023	
III	87779	Distribution Theory	Wednesday 29/11/2023	
IV	87780	Estimation Theory	Monday 04/12/2023	
V	87781	Statistical Computing	Wednesday 06/12/2023	

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

Branch Code- Applied Statistics & Informatics [CBCS]   From Oct--2021

PAPER NO.	PAPER CODE	Part I :- Sem.-I PAPER NAME	DAY & DATE	Morning
I	83404	Fundamentals of Computer Programming	Monday 11/12/2023	10:30 A.M To 01:30 P.M.
II	83405	Linear Algebra	Friday 08/12/2023	
III	83406	Distribution Theory	Wednesday 29/11/2023	
IV	83407	Estimation Theory	Monday 04/12/2023	
V	83408	Statistical Computing	Wednesday 06/12/2023	

M.Sc. Applied Statistics & Informatics [NEP-2020]   **(Course Code -2353)**

Branch Code – Applied Statistics & Informatics [NEP-2020] NEP 1.0   From March--2023

PAPER NO.	PAPER CODE	Part I :- Sem.-II PAPER NAME	DAY & DATE	Evening
VI	90086	Advanced Data Structure with C++	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VII	90087	Theory of Testing of Hypothesis	Monday 04/12/2023	
VIII	90088	Linear Models and Regression Analysis	Wednesday 06/12/2023	
IX	90089	Design and Analysis of Experiments	Friday 08/12/2023	
X	90090	Sampling Theory and Official Statistics	Monday 11/12/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code – STATISTICS [CBCS] NEP 1.0From April--2022				

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Part I :- Sem.-II				
VI	84521	Advanced Data Structure with C++	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VII	84522	Theory of Testing of Hypothesis	Monday 04/12/2023	
VIII	84523	Linear Models and Regression Analysis	Wednesday 06/12/2023	
IX	84524	Design and Analysis of Experiments	Friday 08/12/2023	
X	84525	Sampling Theory and Official Statistics	Monday 11/12/2023	

M.Sc. Environmental Science [NEP-2020]   **(Course Code -2375)**

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Environmental Science [NEP-2020]				**From Oct-2023**
Part I :- Sem.-I				
Major Mandatory				
I	92511	Introduction to Environment and Ecology	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	92512	Natural Resources Management and Sustainability	Wednesday 29/11/2023	
Research Methodology				
III	92084	Research Methodology	Thursday 30/11/2023	
Major Elective Any One Of The Following Paper				
IV	92513	Environmental Chemistry, Microbiology and Instrumentation Techniques	Friday 01/12/2023	
	92514	Biodiversity Conservation and Wildlife Management		

M.Sc. Environmental Science [NEP]   **(Course Code -2353)**

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Environmental Science [NEP]				**From Oct-2022**
Part I :- Sem.-I				
I	87810	Global Environmental Issues	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	87811	Environmental Chemistry and Instrumentation Techniques	Wednesday 29/11/2023	
III	87812	Environmental Geosciences, GIS and Remote Sensing	Thursday 30/11/2023	
IV	87813	Environmental Chemistry, Ecology and Biodiversity	Friday 01/12/2023	

M.Sc. Environmental Science [C.B.C.S.]   (Course Code- 2341)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Environmental Science (C.B.C.S.)			From Oct-2019	
		Part I :- Sem.-I		
I	83449	Introduction To Environmental Science	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	83450	Environmental Chemistry	Wednesday 29/11/2023	
III	83451	Environmental Biology	Thursday 30/11/2023	
IV	83452	Information Technology In Environmental Sciences	Friday 01/12/2023	

M.Sc. Environmental Science [NEP]   (Course Code -2353)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.) [NEP]			From March--2023	
		Part I :- Sem.-II		
V	90132	Air and Noise Pollution with its Control	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
VI	90133	Water Pollution and its Control	Wednesday 29/11/2023	
VII	90134	Solid and Hazardous Waste Management	Thursday 30/11/2023	
VIII	90135	Energy studies	Friday 01/12/2023	

M.Sc. Environmental Science (C.B.C.S.)   (Course Code- 2341)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			March- 2022	
		Part I :- Sem.-II		
V	84564	Environmental Engineering	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
VI	84565	Environmental Pollution and control	Wednesday 29/11/2023	
VII	84566	Environmental Geosciences and Climatology	Thursday 30/11/2023	
VIII	84567	Energy studies	Friday 01/12/2023	

M.Sc. Medical Information Management [NEP-2020]   **(Course Code -2375)**

		Branch Code- Medical Information Management [NEP-2020]		**From Oct-2023**
		Part I :- Sem.-I		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**
Major Mandatory				
I	92528	Introduction to Biological Sciences	Wednesday 29/11/2023	
II	92529	Medical Informatics	Friday 01/12/2023	
Research Methodology				10:30 A.M. To 01:30 P.M.
III	93751	Research Methodology	Tuesday 05/12/2023	
Major Elective Any One Of The Following Paper				
IV	92530	German Language –A1	Thursday 07/12/2023	
	92391	Cell Biology, Microbiology and Virology		

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

		Branch Code- Medical Information Management [NEP]		**From Oct--2022**
		Part I :- Sem.-I		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**
I	87845	Information Technology in Health Sciences	Tuesday 05/12/2023	
II	87846	Introduction to Biological Sciences	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
III	87847	Medical Informatics	Friday 01/12/2023	
IV	87848	German Language –A1	Thursday 07/12/2023	

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

		Branch Code- Medical Information Management		**From Oct--2019**
		Part I :- Sem.-I		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**
I	83486	Information Technology in Health Sciences	Tuesday 05/12/2023	
II	83487	Introduction to Biological Sciences	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
III	83488	Medical Informatics	Friday 01/12/2023	
IV	83489	German Language –A1	Thursday 07/12/2023	

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

		Branch Code- Medical Information Management (C.B.C.S. [NEP]		From March--2023	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
V	90176	Research Methods and Statistics	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.	
VI	90177	Clinical Data and Quality Management	Thursday 30/11/2023		
VII	90178	Clinical Quality Management	Saturday 02/12/2023		
VIII	90179	Clinical Data Management	Monday 04/12/2023		

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

		Branch Code- Medical Information Management (C.B.C.S.)		From April-2022	
		Part I :- Sem.-II			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
V	84599	Research Methods and Statistics	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.	
VI	84600	Clinical Data and Quality Management	Thursday 30/11/2023		
VII	84601	Clinical Quality Management	Saturday 02/12/2023		
VIII	84602	Clinical Data Management	Monday 04/12/2023		

M.Sc. Food Science & Technology [NEP-2020)   **(Course Code -2375)**

		Branch Code- Food Science & Technology [NEP-2020]		From Oct-2023
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Major Mandatory				
I	92576	Food Microbiology	Thursday 14-12-2023	10:30 A.M. To 01:30 P.M.
II	92575	Food Chemistry	Tuesday 12-12-2023	
III	92579	Advance Instrumentation in Food Analysis	Saturday 16-12-2023	10:30 A.M. To 12:30 P.M.
Research Methodology				
IV	93756	Research Methodology	Wednesday 20-12-2023	10:30 A.M. To 01:30 P.M.
Major Elective Any One Of The Following Paper				
V	92577	Principles of Food Processing & Preservation	Monday 18-12-2023	
	92578	Biochemistry and Nutrition		

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

Branch Code- Food Science & Technology [NEP)				From Oct-2022	
		Part I :- Sem.-I			
PAPER No.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**	
I	87818	Principles Of Food Processing Preservation	Tuesday 12-12-2023	10:30 A.M. To 01:30 P.M.	
II	87819	Food Microbiology	Thursday 14-12-2023		
III	87820	Food Chemistry	Saturday 16-12-2023		
IV	87821	Biochemistry And Nutrition	Monday 18-12-2023		

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

Branch Code- Food Science & Technology (C.B.C.S.)				From Oct-2019	
		Part I :- Sem.-I			
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**	
I	83454	Principles Of Food Processing & Preservation	Tuesday 12-12-2023	10:30 A.M. To 01:30 P.M.	
II	83455	Food Microbiology	Thursday 14-12-2023		
III	83456	Food Chemistry	Saturday 16-12-2023		
IV	83457	Biochemistry And Nutrition	Monday 18-12-2023		

M.Sc. Food Science & Technology [C.B.C.S.]   [NEP]   **(Course Code -2353)**

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.) [NEP]				From March--2023	
		Part I :- Sem.-II			
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY &DATE**	**Morning**	
VI	90145	Principles of Food Engineering	Wednesday 29-11-2023	10:30 A.M. To 01:30 P.M.	
VII	90146	Cereal and Legume Technology	Friday 01-12-2023		
V	90147	Fruit and Vegetable Technology	Tuesday 05-12-2023		
VIII	90148	Fermentation Technology	Thursday 07-12-2023		

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 29-11-2023	10:30 A.M. To 01:30 P.M.
VII	85082	Cereal and Legume Technology	Friday 01-12-2023	
V	85083	Fruit and Vegetable Technology	Tuesday 05-12-2023	
VIII	85084	Fermentation Technology	Thursday 07-12-2023	

M.Sc. Alcohol Technology [NEP-2020]   (Entire)   (Course Code -2375)

		Branch Code- Alcohol Technology [NEP-2020]		From Oct-2023
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Major Mandatory				
I	92551	Alcohol Technology - I	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	92552	Microbiology	Thursday 30-11-2023	
Research Methodology				
III	93749	Research Methodology	Saturday 02/12/2023	
Major Elective Any One Of The Following Paper				
IV	92553	Bio-Chemistry	Tuesday 28/11/2023	
	92554	Applied Chemistry		

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

		Branch Code- Alcohol Technology [NEP]		From Oct--2022
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	87767	Alcohol Technology - I	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	87768	Microbiology	Thursday 30-11-2023	
III	87769	Bio-Chemistry	Saturday 02/12/2023	
IV	87770	Applied Chemistry	Tuesday 28/11/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Alcohol Technology (C.B.C.S.)			From Oct--2020	
		Part I :- Sem.-I		
I	83397	Alcohol Technology - I	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	83398	Microbiology	Thursday 30-11-2023	
III	83395	Bio-Chemistry	Saturday 02/12/2023	
IV	83396	Applied Chemistry	Tuesday 28/11/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code - Alcohol Technology (C.B.C.S.) [NEP]			From March--2023	
		Part I – Sem.- II		
V	90068	Alcohol Technology-II	Tuesday 21/11/2023	02:30 P.M. To 05:30 P.M.
VI	90069	Applied Microbiology	Friday 01/12/2023	
VII	90070	Industrial Fermentation-I	Saturday 25/11/2023	
VIII	90071	Applied Process Instrumentation	Wednesday 29/11/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code - Alcohol Technology (C.B.C.S.)			(From April-2022)	
		Part I – Sem.- II		
V	84502	Industrial Fermentation	Saturday 25/11/2023	02:30 P.M. To 05:30 P.M.
VI	84503	Alcohol Technology-II	Tuesday 21/11/2023	
VII	84504	Applied Microbiology	Friday 01/12/2023	
VIII	84505	Applied Process Instrumentation	Wednesday 29/11/2023	

M.Sc. Sugar Technology [NEP-2020]   (Entire)   **(Course Code -2375)**

Branch Code- Sugar Technology [NEP]				From Oct-2023
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Major Mandatory				
I	92569	Sugar Processing-I	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	92570	Sugar Engineering	Thursday 30-11-2023	
Research Methodology				
III	93742	Research Methodology	Saturday 02/12/2023	
Major Elective Any One Of The Following Paper				
IV	92393	Sugarcane Agriculture- I	Tuesday 28/11/2023	
	92394	Sugar & Biochemistry		

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

Branch Code- Sugar Technology [NEP]				From Oct--2022
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	87868	Sugar Cane Agriculture	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	87869	Sugar Processing-Clarification & Evaporation	Thursday 30-11-2023	
III	87870	Sugar Engineering-Milling	Saturday 02/12/2023	
IV	87871	Chemical Control	Tuesday 28/11/2023	

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

Branch Code- Sugar Technology (C.B.C.S.)				From Oct--2020
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	83508	Sugar Cane Agriculture	Monday 20/11/2023	10:30 A.M. To 01:30 P.M.
II	83509	Sugar Processing-Clarification & Evaporation	Thursday 30-11-2023	
III	83510	Sugar Engineering-Milling	Saturday 02/12/2023	
IV	83511	Chemical Control	Tuesday 28/11/2023	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code - Sugar Technology [NEP] From March-2023			

Branch Code - Sugar Technology [NEP]	From March-2023

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Part I – Sem. II				
V	90198	Sugar Chemistry(SUCHEM)	Tuesday 21/11/2023	02:30 P.M. To 05:30 P.M.
VI	90199	Sugar Processing-Crystalization & Finishing	Friday 01/12/2023	
VII	90200	Sugar Engineering-Steam & Power Generation(SEEPG)	Saturday 25/11/2023	
VIII	90201	Equipment Design and Drawing(EDD)	Wednesday 29/11/2023	

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

Branch Code - Sugar Technology (C.B.C.S.)	(From April-2022

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Part I – Sem. II				
V	84621	Sugar Chemistry(SUCHEM)	Tuesday 21/11/2023	02:30 P.M. To 05:30 P.M.
VI	84622	Sugar Processing-Crystalization & Finishing	Friday 01/12/2023	
VII	84623	Sugar Engineering-Steam & Power Generation(SEEPG)	Saturday 25/11/2023	
VIII	84624	Equipment Design and Drawing(EDD)	Wednesday 29/11/2023	

M.Sc. Food Science and Nutrition (NEP 2020)   **[Course code 2375]**

Branch Code- Food Science and Nutrition [NEP-2020]	From Oct-2023

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Part I :- Sem.-I				
**Major Mandatory**	10:30 A.M. To 01:30 P.M.
I	92539	Human Physiology	28-11-2023 Tuesday	
II	92540	Advances in Food Chemistry	30-11-2023 Thursday	
III	92543	Food Preservation Techniques	04-12-2023 Monday	10:30 A.M. To 12:30 P.M.
**Research Methodology**	10:30 A.M. To 01:30 P.M.
IV	93755	Research Methodology	06-12-2023 Wednesday	
Major Elective Any One Of The Following Paper	
V	92541	Advances in Nutrition Science	02-12-2023 Saturday	
	92542	Nutrition Through Life Cycle		

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

Branch Code:- M.Sc. Food Science and Nutrition(NEP)			From Oct - 2022	
		Part - I , Sem.– I		
Paper No	Subject Code	Paper Name	Day & Date	Evening
I	87814	Human Physiology	07-12-2023 Thursday	02:30 P.M.
II	87815	Food Preservation Techniques	09-12-2023 Saturday	To
III	87816	Advances in Food Chemistry	11-12-2023 Monday	05:30 P.M.
IV	87817	Nutrition Through Life Cycle	13-12-2023 Wednesday	

M.Sc. Food Science and Nutrition (C.B.C.S)   **[Course code 2341]**

Branch Code:- M.Sc. Food Science and Nutrition (C.B.C.S)			From Oct - 2021	
		Part - I , Sem.– I		
Paper No	Subject Code	Paper Name	Day & Date	Morning
I	83846	Human Physiology	07-12-2023 Thursday	02:30 P.M.
II	83847	Food Preservation Techniques	09-12-2023 Saturday	To
III	83848	Advances in Food Chemistry	11-12-2023 Monday	05:30 P.M.
IV	83849	Nutrition Through Life Cycle	13-12-2023 Wednesday	

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

Branch Code:- M.Sc. Food Science and Nutrition (NEP)			From March - 2023	
		Part - I , Sem.– II		
Paper No	Subject Code	Paper Name	Day & Date	Evening
V	90140	Advances in Food Microbiology	29-11-2023 Wednesday	02:30 P.M.
VI	90141	Processing of Cereal, Legume and oilseeds	01-12-2023 Friday	To
VII	90142	Processing of Fruits and Vigitables	05-12-2023 Tuesday	05:30 P.M.
VIII	90143	Nutritional Biochemistry	06-12-2023 Wednesday	

M.Sc. Food Science and Nutrition (CBCS)   **[Course code 2341]**

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)			From March - 2022	
		Part - I , Sem.– II		
Paper No	Subject Code	Paper Name	Day & Date	Evening
V	83851	Advances in Food Microbiology	29-11-2023 Wednesday	02:30 P.M. To 05:30 P.M.
VI	83852	Food Preservation Techniques	01-12-2023 Friday	
VII	83853	Advances in Food Chemistry	05-12-2023 Tuesday	
VIII	83854	Nutrition Through Life Cycle	06-12-2023 Wednesday	

M.Sc. Embedded Technology   [NEP-2020]   **(Course Code -2375)**

Branch Code- Embedded Technology [NEP-2020]			From Oct-2023	
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Major Mandatory				02:30 P.M. To 05:30 P.M
I	92533	Fundamentals of Embedded System Design	Tuesday 28/11/2023	
II	92534	CMOS Analog Circuit Design	Thursday 30/11/2023	
III	92535	Architecture and programming with AVR Microcontroller	Saturday 02/12/2023	02:30 P.M. To 04:30 P.M
Research Methodology				02:30 P.M. To 05:30 P.M
IV	93754	Research Methodology	04-12-2023 Monday	
Major Elective Any One Of The Following Paper				
V	92537	Advanced Microcontroller Based Embedded system Design	Wednesday 06-12-2023	
	92538	Programming with Python		

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

Branch Code- Embedded Technology [NEP]			From Oct--2022	
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87800	Fundamental of Embedded System Design	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
II	87801	CMOS Analog Circuit Design	Thursday 30/11/2023	
III	87802	Advanced Digital Design with Verilog HDL	Saturday 02/12/2023	
IV	87803	Advanced Microcontroller Based Embedded system Design	Monday 04-12-2023	

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

Branch Code- Embedded Technology (C.B.C.S.)				From Oct--2021
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	84174	Fundamental of Embedded System Design	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
II	84175	CMOS Analog Circuit Design	Thursday 30/11/2023	
III	84176	Advanced Digital Design with Verilog HDL	Saturday 02/12/2023	
IV	84177	Advanced Microcontroller Based Embedded system Design	04-12-2023 Monday	

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

Branch Code- Embedded Technology (C.B.C.S.) [NEP]				From March--2023
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90126	Real Time Operating System	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
VI	90127	Mixed Signal Based PSoC Design	Friday 01/12/2023	
VII	90128	Embedded System Design with	Tuesday 05/12/2023	
VIII	90129	Device Drivers and Embedded System	Thursday 07-12-23	

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

Branch Code- Embedded Technology (C.B.C.S.)				From March--2022
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	85088	Real Time Operating System	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
VI	85089	Mixed Signal Based PSoC Design	Friday 01/12/2023	
VII	85090	Embedded System Design with	Tuesday 05/12/2023	
VIII	85091	Device Drivers and Embedded System	Thursday 07-12-23	

M.Sc. Data Science   [NEP-2020]   **(Course Code -2375)**

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Data Science [NEP-2020]				**From Oct-2023**
		Part I :- Sem.-I		
Major Mandatory				
I	92517	Database Management System	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	92516	Introduction to Statistics	Thursday 30/11/2023	
III	92519	Python	Saturday 02/12/2023	10:30 A.M. To 12:30 P.M.
Research Methodology				
IV	93743	Research Methodology	04/12/2023 Monday	10:30 A.M. To 01:30 P.M.
Major Elective Any One Of The Following Paper				
V	92520	Data Mining	Wednesday 06/12/2023	
	92521	Data Structure		

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Data Science [NEP]				**From Oct--2022**
		Part I :- Sem.-I		
I	88401	Basic Statistics for Data Science	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	88402	Feature Engineering-1	Thursday 30/11/2023	
III	88403	Data Structure using Python	Saturday 02/12/2023	
IV	88404	Introduction to Database Management System	04/12/2023 Monday	

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
Branch Code- Data Science [NEP]				**From March--2023**
		Part I :- Sem.-II		
V	88406	Advanced Statistics for Data Science	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VI	88407	Feature Engineering	Friday 01/12/2023	
VII	88408	Machine Learning	Tuesday 05/12/2023	
VIII	88409	Design and Analysis of Algorithm	Wednesday 06/12/2023	

M.Sc. Information Technology [NEP-2020] (Course Code -2375)

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Information Technology [NEP-2020]				From Oct-2023
		Part I :- Sem.-I		
Major Mandatory				10:30 A.M. To 01:30 P.M.
CC-101	92545	Advanced Web Technology	Tuesday 28/11/2023	
CC -102	92546	Cloud Computing	Thursday 30/11/2023	
CC-104	92548	Research in Computing	Saturday 02/12/2023	10:30 A.M. To 12:30 P.M.
Research Methodology				10:30 A.M. To 01:30 P.M.
RM -106	93752	Research Methodology	04/12/2023 Monday	
Major Elective Any One Of The Following Paper				
CCS-105	92549	Machine Learning Processing	Wednesday 06/12/2023	
	92550	Advanced Database Management System		

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

PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Branch Code- Information Technology [NEP)]				From Oct--2022
		Part I :- Sem.-I		
I	87854	Research Computing	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
II	87855	Advance Web Technology	Thursday 30/11/2023	
III	87856	Cloud Computing	Saturday 02/12/2023	
Choose Any One Of The Following Paper				
IV	89075	Soft Computing Techniques	04/12/2023 Monday	
	89074	Advanced Database Management System		
	89076	Machine Learning Processing		

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

Branch Code- Information Technology [NEP]			From March--2023	
		Part I :- Sem.-II		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Evening**
V	90515	Data Science	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
VI	90516	Advance Java Technology	Friday 01/12/2023	
VII	90517	Big Data Analytics	Tuesday 05/12/2023	
Choose Any One Of The Following Paper				
VIII	90518	Modern Networking	Thursday 07/12/2023	
	90519	Natural Language Processing		
	90520	Deep Learning		

M.Sc. Geoinformatics. [NEP-2020]   (Course Code -2375)

Branch Code- Geoinformatics. [NEP-2020]			From Oct-2023	
		Part I :- Sem.-I		
PAPER NO.	**PAPER CODE**	**PAPER NAME**	**DAY & DATE**	**Morning**
Major Mandatory				
I	92355	Fundamentals and Applications of Remote Sensing	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
II	92356	Geographical Information System (GIS)	Friday 01/12/2023	
Research Methodology				
IV	93748	Research Methodology	Tuesday 05/12/2023	
Major Elective Any One Of The Following Paper				
V	92357	Fundamentals and Principles of Modern Surveying	Thursday 07/12/2023	
	92359	Statistics for Geospatial Studies		

M.A/M.Sc. Geography [NEP-2020]   (Course code-4474)

Branch Code- Geography [NEP-2020]				From Oct-2023
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
Major Mandatory				
I	92581	Geomorphology	Tuesday 28/11/2023	
II	92582	Principles of Climatology	Thursday 30/11/2023	
III	92583	Economic Geography	Saturday 02/12/2023	10:30 A.M. To 01:30 P.M
Research Methodology				
IV	92593	Research Methodology	Monday 04/12/2023	
Major Elective Any One Of The Following Paper				
V	92584	Population of Geography And Human Resource Development	Wednesday 06/12/2023	
	92585	Settlement Geography		
	92586	Geography of Health Nutrition		

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

Branch Code- Geography [NEP]				From Oct--2022
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	88327	Fundamentals of Geomorphology	Tuesday 28/11/2023	
II	88328	Principles of Climatology	Thursday 30/11/2023	10:30 A.M. To 01:30 P.M
III	88329	Economic Geography	Saturday 02/12/2023	
IV	88330	Geography of Population and Human Resource Development	Wednesday 06/12/2023	

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

Branch Code- Geography (C.B.C.S.)				From Oct--2019
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	84073	Fundamentals of Geomorphology	Tuesday 28/11/2023	
II	84074	Principles of Climatology	Thursday 30/11/2023	10:30 A.M. To 01:30 P.M
III	84075	Economic Geography	Saturday 02/12/2023	
IV	84076	Geography of Population and Human Resource Development	Wednesday 06/12/2023	

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

				(From March-2023)
Branch Code - GEOGRAPHY (C.B.C.S.) [NEP]				
		Part I – Sem.- II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	88332	Development of Modern Geographical Thought	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
VI	88333	Geohydrology and Oceanography	Thursday 30/11/2023	
VII	88334	Social and Cultural Geography	Saturday 02/12/2023	
VIII	88335	Advanced Cartography and Surveying	Wednesday 06/12/2023	

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

				(From April-2022
Branch Code - GEOGRAPHY (C.B.C.S.)				
		Part I - Sem II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	85108	Applied Geomorphology	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
VI	85109	Applied Climatology and Climate Change	Thursday 30/11/2023	
VII	85112	Social and Cultural Geography	Saturday 02/12/2023	
VIII	85113	Advanced Cartography and Surveying	Wednesday 06/12/2023	

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.

Sd/-

Vidyanagar,   Dr. Ajitsinh. N. Jadhav
Kolhapur – 416 004   DIRECTOR
Date :- 27 Oct. 2023   BOARD OF EXAMINATIONS AND EVALUATION