



SHIVAJI UNIVERSITY KOLHAPUR

Circular No. (305) Exam of March/April.-2024 to be held in March/April-2024.

Revised Final Programme of the M.Sc. Physics, Food Science & Technology Part-I (Sem.- I & Sem-II) NEP-0.2 Course Code-2375 & M.Sc. Part-II (Sem. -I to Sem.- IV) NEP-0.1 Course code- 2353 & M.A/M.Sc. Geography Technology Part-I (Sem.- I & Sem-II) NEP-0.2 Course Code-4474 & M.Sc. Part-II (Sem. -I to Sem.- IV) NEP-0.1 Course code- 4464 & 412 Examination March/April.-2024 to be held in March/ April-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

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
2	M.sc Food Science & Technology		Department of Food Science & Technology Shivaji University Kolhapur
3	M.A/M.sc. Geography		Department of Geography Shivaji University Kolhapur
4	M.Sc. Physics, M.A./M.Sc. Mathematics	01	Vivekanand College, Kolhapur
5	M. Sc Physics	48	Devchand College, ARJUNNAGAR
6	M. Sc Physics M.A./M.Sc. Mathematics	30	The New College Kolhapur
7	M.Sc. Physics, M.Sc. Embedded Technology M.Sc. Data Science	78	Smt. Kasturabi Walchand College of Arts & Science, SANGLI.
8	M.Sc. Physics, M.A./M.Sc. Mathematics	80	Willingdon College, SANGLI
9	M.Sc. Physics	94	Raje Ramrao Mahavidyalaya, JATH
10	M.A./M. Sc. Geography M.Sc. Physics	84	Miraj Mahavidyalaya, Miraj
11	M.Sc. Physics	86	Balwant College. Vita Tal-Khanapur
12	M.sc Physics, Statistics, M.A./M.Sc.. Mathematics	149	Yashwantrao Chavan Institute of Science, SATARA.
13	M.Sc. Physics	88	Smt Kusumtai Rajarambapu patil kanya Mahavidyalaya, Urun-Islampur. Dist-Sangli
14	M.A./M.Sc. Mathematics M.A./M. Sc. Geography M.Sc. Information Technology	90	Karmveer Bhaurao Patil College, URUN –ISLAMPUR.
15	M.A./M. Sc. Geography, M. Sc Statistics	92	Padm. Bhushan Dr. Vasantodada Patil Mahavidyalaya, TASGAON
16	M.A./M. Sc. Geography,	156	Sadguru Gadage Maharaj College, KARAD
17	M.A./M. Sc. Geography	153	Mahila Mahavidyalaya, KARAD
18	M.A./M.Sc. Geography	259	Chhatrapati Shivaji College, SATARA
19	M.A./M.Sc. Geography	173	Raja Shripatrao Bhagawantrao Mahavidyalaya, AUNDH
20	M.A./M.Sc. Geography	162	D.P. Bhosale College ,Koregaon., KOREGAON
21	M.A./M. Sc. Geography	145	Lal Bahadur Shastri College of Arts, Science and Commerce, 17, Malhar Peth, SATARA-415 002
22	M.A./M. Sc. Geography	157	Venutai Chavan College, Vidyanagar, Tal-Karad,

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

Branch Code- PHYSICS (NEP-0.2)				From Oct--2023			
Part I :- Sem.-I							
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning			
Major Mandatory							
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				
Research Methodology							
III	93753	Research Methodology	Saturday 20/04/2024				
Major Elective Any One Of The Following Paper							
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)**

Branch Code- PHYSICS (NEP-0.1)				From Oct--2022	
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
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		

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

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		
Major Elective Any One Of The Following Paper					
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	

Branch Code - Physics (NEP-0.1)			From Oct-2023	
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	90921	Nuclear and Particle Physics	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				
X	90899	Data Analysis and Statistical Software(DASF)	Friday 19/04/2024	10:30 A.M. To 12:30 P.M.
	90900	Numerical Computing Using MATLAB(NCU)		
	90903	Computational Programming using Mathematical (CP)		
	92363	Thin Film Deposition Technology(TFDT)	Friday 19/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				
XI	90897	The New Energy Technologies(TNET)	Thursday 25/04/2024	10:30 A.M. To 01:30 P.M.
	90901	Imperfection in Crystals(IIC)		
	90913	Thin Solid Films : Deposition And Properties(TSFDAP)		
	90917	Fundamentals of Plasma Physics (FOPP)		
	90905	Laser Physics(LP)		
	90909	Stellar Evolution : Birth Evolution and Death of the stars(SEBDS)		
Choose Any One Of The Following Paper				
XII	90898	Solar Thermal Devices (STD)	Friday 26/04/2024	
	90902	Properties Of Materials (POM)		
	90910	Astrophysics of the Sun (AOTS)		
	90914	Semi Conductor Physics(SP)		
	90918	Introduction to General Relativity-I		
	90906	Nonlinear Optics and Fiber optics(CTHND2)		

Branch Code - Physics (C.B.C.S.)			From Oct-2022	
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	85428	Nuclear and Particle Physics	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				10:30 A.M. To 12:30 P.M.
X	85441	Data Analysis and Statistical Software(DASF)	Friday 19/04/2024	
	85442	Numerical Computing Using MATLAB(NCU)		
	85443	Computational Programming using Mathematical (CP)		
	85444	Thin Film Deposition Technology(TFDT)	Friday 19/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				10:30 A.M. To 01:30 P.M.
XI	85429	The New Energy Technologies(TNET)	Thursday 25/04/2024	
	85430	Imperfection in Crystals(IIC)		
	85431	Thin Solid Films : Deposition And Properties(TSFDAP)		
	85432	Fundamentals of Plasma Physics (FOPP)		
	85433	Laser Physics(LP)		
	85434	Stellar Evolution : Birth Evolution and Death of the stars(SEBDS)		
Choose Any One Of The Following Paper				
XII	85435	Solar Thermal Devices (STD)	Friday 26/04/2024	
	85436	Properties Of Materials (POM)		
	85437	Astrophysics of the Sun (AOTS)		
	85438	Semi Conductor Physics(SP)		
	85439	Introduction to General Relativity-I		
	85440	Nonlinear Optics and Fiber optics(CTHND2)		

Branch Code - PHYSICS (NEP-0.1)			From-(March-2024)	
Part II :- Semester IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	93894	Experimental Techniques	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
Choose Any One of The Following Subject				
X	93907	Modern Analytical Techniques	Thursday 18/04/2024	02:30 P.M. To 05:30 P.M.
	93910	Energy Conversion and Storage Devices		
	93908	Numerical Methods And Programming	Thursday 18/04/2024	02:30 P.M. To 04:30 P.M.
	93909	MATLAB Programming and Applications		
Choose Any One of The Following Subject				
XI	93895	Renewable Energy Resources	Saturday 20/04/2024	02:30 P.M. To 05:30 P.M.
	93896	Molecular Spectroscopy		
	93897	Magnetospheric Plasma Dynamics		
	93898	Physical Properties of Solids		
	93899	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
	93900	Special Materials		
Choose Any One of The Following Subject				
XII	93901	Energy Conversion Devices	Tuesday 23/04/2024	
	93902	Nanostructured Materials		
	93903	Holography and Its Applications		
	93904	Ionospheric and Space Weather		
	93905	Semiconductor Devices		
	93906	Introduction to Quantum Field Theory		

Branch Code - PHYSICS (C.B.C.S.)			From-(March-2023)	
Part II :- Semester IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	86736	Experimental Techniques	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
Choose Any One of The Following Subject				
X	86750	Energy Conversion and Storage Devices	Thursday 18/04/2024	02:30 P.M. To 05:30 P.M.
	86747	Modern Analytical Techniques		
	86748	Numerical Methods And Programming	Thursday 18/04/2024	02:30 P.M. To 04:30 P.M.
	86749	MATLAB Programming and Applications		
Choose Any One of The Following Subject				
XI	86737	Renewable Energy Resources	Saturday 20/04/2024	02:30 P.M. To 05:30 P.M.
	86738	Molecular Spectroscopy		
	86739	Magnetospheric Plasma Dynamics		
	86740	Physical Properties of Solids		
	86751	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
	86752	Special Materials		
Choose Any One of The Following Subject				
XII	86741	Energy Conversion Devices	Tuesday 23/04/2024	
	86742	Nanostructured Materials		
	86743	Holography and Its Applications		
	86744	Ionospheric and Space Weather		
	86745	Semiconductor Devices		
	86746	Introduction to Quantum Field Theory		

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

Branch Code- Food Science & Technology [NEP-0.2]				From Oct-2023	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
Major Mandatory				10:30 A.M. To 01:30 P.M.	
I	92576	Food Microbiology	Tuesday 23/04/2024		
II	92575	Food Chemistry	Thursday 25/04/2024	02:30 P.M. To 05:30 P.M.	
III	92579	Advance Instrumentation in Food Analysis	Saturday 27/04/2024	02:30 P.M. To 04:30 P.M.	
Research Methodology					
IV	93756	Research Methodology	Tuesday 30/04/2024	02:30 P.M. To 05:30 P.M.	
Major Elective Any One Of The Following Paper					
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)**

Branch Code- Food Science & Technology [NEP-0.1)				From Oct-2022	
		Part I :- Sem.-I			
PAPER No.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
I	87818	Principles Of Food Processing Presservation	Tuesday 23/04/2024	10:30 A.M. To 01:30 P.M.	
II	87819	Food Microbiology	Thursday 25/04/2024	02:30 P.M. To 05:30 P.M.	
III	87820	Food Chemistry	Saturday 27/04/2024		
IV	87821	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	Thursday 25/04/2024	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.
Major Elective Any One Of The Following Paper				
VIII	94728	Food Quality and Safety Management	Thursday 02/05/2024	10:30 A.M. To 01:30 P.M.
	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	Thursday 25/04/2024	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	Thursday 02/05/2024	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (NEP-0.1)				From Oct-2023
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	91776	Technology of Meat, Fish and Poultry Products	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
X	91777	Technology of Milk and Milk Products	Thursday 18/04/2024	
XI	91778	Food Quality and Safety Management	Saturday 20/04/2024	
XII	91779	Food Additives, Contaminants and Toxicology	Tuesday 23/04/2024	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From Oct-2022
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	85359	Technology of Meat, Fish and Poultry Products	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
X	85360	Technology of Milk and Milk Products	Thursday 18/04/2024	
XI	85361	Food Quality and Safety Management	Saturday 20/04/2024	
XII	85362	Food Additives, Contaminants and Toxicology	Tuesday 23/04/2024	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (NEP-0.1)				From March-2024
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	91781	Technology of Oilseeds & Fats	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
XIV	91782	Food Biotechnology	Friday 19/04/2024	
XV	91783	Post-Harvest Technology of Plantation Crops	Monday 22/04/2024	
XVI	91784	Food Packaging	Wednesday 24/04/2024	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From March-2023
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	86678	Food Packaging	Wednesday 24/04/2024	10:30 A.M. To 01:30 P.M.
XIV	86679	Technology of Oilseeds & Fats	Tuesday 16/04/2024	
XV	86680	Food Biotechnology	Friday 19/04/2024	
XVI	86681	Post-Harvest Technology of Plantation Crops	Monday 22/04/2024	

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

Branch Code- Geography [NEP-0.2]				From Oct-2023	
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
Major Mandatory					
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		
Major Elective Any One Of The Following Paper					
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)**

Branch Code- Geography [NEP-0.1]				From Oct--2022	
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
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 [NEP-0.2]**(Course code-4474)**

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

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

Branch Code - GEOGRAPHY [NEP-0.1]		(From March-2023)		
Part I – Sem.- II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
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 (NEP-0.1)**(Course code-4464)**

Branch Code - GEOGRAPHY (NEP-0.1)		(From Oct-2023)			
Part II - Sem III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IV	91520	Applied Climatology and Climate Change	Monday 15/04/2024	02:30 P.M. To 05:30 P.M	
X	91521	Fundamentals of Remote Sensing and Digital Image Processing	Thursday 18/04/2024		
Choose Any One of the Following Papers					
XI	91522	Geography of Environment	Saturday 20/04/2024		
	91523	Biogeography			
Choose Any One of the Following Papers					
XII	91524	Settlement Geography	Monday 22/04/2024		
	91525	Geography of India			
	91526	Political Geography			

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

Branch Code - GEOGRAPHY (C.B.C.S.)		(From Oct-2022)			
Part II – Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
V	86194	Geohydrology and Oceanography	Monday 15/04/2024	02:30 P.M. To 05:30 P.M	
VI	86195	Fundamentals of Remote Sensing and Digital Image Processing	Thursday 18/04/2024		
Choose Any One of the Following Papers					
VII	86198	Geography of Environment	Saturday 20/04/2024		
	86199	Biogeography			
Choose Any One of the Following Papers					
VIII	86201	Settlement Geography	Monday 22/04/2024		
	86202	Geography of India			
	86203	Political Geography			

Branch Code- Geography (NEP-0.1)			From April--2024		
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	91531	Regional Planning and Development	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M	
X	91533	Applied Geomorphology	Friday 19/04/2024		
Choose Any One Of The Following Papers					
XI	91530	Fundamental of Soil Geography	Monday 22/04/2024		
	90532	Fundamentals and Application of GIS and GPS			
Choose Any One Of The Following Papers					
XII	91536	Geography of Health and Nutrition	Wednesday 24/04/2024		
	91535	Tourism Geography			
	91534	Agricultural Geography			

Branch Code- Geography (C.B.C.S.)			From April--2023		
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	86205	Development of Modern Geographical Thought	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M	
X	86206	Regional Planning and Development	Friday 19/04/2024		
Choose Any One Of The Following Papers					
XI	86210	Fundamentals and Application of GIS and GPS	Monday 22/04/2024		
	86211	Fundamental of Soil Geography			
Choose Any One Of The Following Papers					
XII	86212	Geography of Health and Nutrition	Wednesday 24/04/2024		
	86213	Tourism Geography			
	86214	Agricultural Geography			

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 March-2024

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