



SHIVAJI UNIVERSITY KOLHAPUR

Circular No. (130) Exam of March/April.-2024 to be held in April/May-2024.

Draft Programme of the M.Sc. Part-II (Sem.- III & Sem-IV) NEP-0.1 Corse code- 2353 & M.Sc. Part-II (Sem.- III & Sem-IV) 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.

M.A/M.Sc. Geography Part-II (Sem.-III & Sem-IV) NEP-0.1 Corse code- 4464 & M.A/M.Sc. Geography Part-II (Sem.-III & Sem-IV) 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

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-0.1]
(Course Code -2353)

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	Monday 15/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				
X	90899	Data Analysis and Statistical Software(DASF)	Thursday 18/04/2024	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)	Thursday 18/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One Of The Following Paper				
XI	90897	The New Energy Technologies(TNET)	Saturday 20/04/2024	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)	Tuesday 23/04/2024	
	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	Monday 15/04/2024	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)	Thursday 18/04/2024	
	85442	Numerical Computing Using MATLAB(NCU)		
	85443	Computational Programming using Mathematical (CP)		
	85444	Thin Film Deposition Technology(TFDT)	18/04/2024	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)	Saturday 20/04/2024	
	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				10:30 A.M. To 01:30 P.M.
XII	85435	Solar Thermal Devices (STD)	Tuesday 23/04/2024	
	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	Tuesday 16/04/2024	02:30 P.M. To 05:30 P.M.
Choose Any One of The Following Subject				
X	93908	Numerical Methods And Programming	Friday 19/04/2024	02:30 P.M. To 05:30 P.M.
	93910	Energy Conversion and Storage Devices		
	93907	Modern Analytical Techniques		
	93909	MATLAB Programming and Applications	Friday 19/04/2024	02:30 P.M. To 04:30 P.M.
Choose Any One of The Following Subject				
XI	93895	Renewable Energy Resources	Monday 22/04/2024	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	Wednesday 24/04/2024	
	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	Tuesday 16/04/2024	02:30 P.M. To 05:30 P.M.
Choose Any One of The Following Subject				
X	86748	Numerical Methods And Programming	Friday 19/04/2024	02:30 P.M. To 05:30 P.M.
	86749	MATLAB Programming and Applications		
	86750	Energy Conversion and Storage Devices		
	86747	Modern Analytical Techniques		
Choose Any One of The Following Subject				
XI	86737	Renewable Energy Resources	Monday 22/04/2024	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	Wednesday 24/04/2024	02:30 P.M. To 05:30 P.M.
	86742	Nanostructured Materials		
	86743	Holography and Its Applications		
	86744	Ionospheric and Space Weather		
	86745	Semiconductor Devices		
	86746	Introduction to Quantum Field Theory		

Branch Code - STATISTICS (NEP-0.1)			From Oct-2023		
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPERNAME	DAY & DATE	Evening	
XI	91059	Asymptotic Inference	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.	
Choose Any One of the Following					
XII	91063	Stochastic Processes	Saturday 20/04/2024		
	91064	Functional Data Analysis			
Choose Any One of the Following					
XIII	91065	Data Mining	Tuesday 23/04/2024		
	91066	Artificial Intelligence			
Choose Any One of the Following					
XIV	91067	Time Series Analysis	Thursday 25/04/2024		
	91068	Statistical Ecology			
Choose Any One of the Following					
XV	91060	Multivariate Analysis	Thursday 18/04/2024		
	91061	Bayesian Inference			
	91062	Regression Analysis			

Branch Code - STATISTICS (C.B.C.S.)				From Oct-2022	
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
XI	85445	Asymptotic Inference	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.	
Choose Any One of the Following					
XII	85449	Stochastic Processes	Saturday 20/04/2024		
	85450	Functional Data Analysis			
Choose Any One of the Following					
XIII	85451	Data Mining	Tuesday 23/04/2024		
	85452	Artificial Intelligence			
Choose Any One of the Following					
XIV	85453	Time Series Analysis	Thursday 25/04/2024		
	85454	Statistical Ecology			
Choose Any One of the Following					
XV	85446	Multivariate Analysis	Thursday 18/04/2024		
	85447	Bayesian Inference			

Branch Code - STATISTICS (NEP-0.1)				From March-2024	
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XVI	93935	Generalized Linear Models	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.	
Choose Any One of the Following					
XVII	93938	Survival Analysis	Friday 19/04/2024		
	93939	Actuarial statistics			
Choose Any One of the Following					
XVIII	93940	Biostatistics	Monday 22/04/2024		
	93941	Econometrics			
Choose Any One of the Following					
XIX	93942	Spatial data analysis	Friday 26/04/2024		
	93943	Statistical quality control			
Choose Any One of the Following					
XX	93944	Optimization techniques	Wednesday 24/04/2024		
	93945	Circular Data analysis			

Branch Code - STATISTICS (C.B.C.S.)				From March-2023
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XVI	86767	Generalized Linear Models	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XVII	86771	Survival Analysis	Friday 19/04/2024	
	86772	Actuarial statistics		
Choose Any One of the Following				
XVIII	86773	Biostatistics	Monday 22/04/2024	
	86774	Econometrics		
Choose Any One of the Following				
XIX	86777	Optimization techniques	Wednesday 24/04/2024	
	86778	Circular Data analysis		
Choose Any One of the Following				
XX	86775	Spatial data analysis	Friday 26/04/2024	
	86776	Statistical quality control		

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

Branch Code - APPLIED STATISTICS& INFORMATICS (NEP-0.1)				New From Oct-2023
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
X	91075	Data Base Management System	Monday 15/04/2024	02:30 P.M. To 05:30 P.M
Choose Any One of the Following				
XI	91063	Stochastic Processes	Saturday 20/04/2024	
	91064	Functional Data Analysis		
Choose Any One of the Following				
XII	91065	Data Mining	Tuesday 23/04/2024	
	91066	Artificial Intelligence		
Choose Any One of the Following				
XIII	91067	Time Series Analysis	Thursday 25/04/2024	
	91068	Statistical Ecology		
Choose Any One of the Following				
XIV	91060	Multivariate Analysis	Thursday 18/04/2024	
	91061	Bayesian Inference		

Branch Code - APPLIED STATISTICS& INFORMATICS (C.B.C.S.)					
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
X	85296	Data Base Management System	Monday 15/04/2024	02:30 P.M. To 05:30 P.M	
Choose Any One of the Following					
XI	85300	Stochastic Processes	Saturday 20/04/2024		
	85301	Functional Data Analysis			
Choose Any One of the Following					
XII	85302	Data Mining	Tuesday 23/04/2024		
	85303	Artificial Intelligence			
Choose Any One of the Following					
XIII	85304	Time Series Analysis	Thursday 25/04/2024		
	85305	Statistical Ecology			
Choose Any One of the Following					
XIV	85297	Multivariate Analysis	Thursday 18/04/2024		
	85298	Bayesian Inference			

Branch Code -APPLIED STATISTICS & INFORMATICS (NEP-0.1) From March-2024					
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XVI	93779	Generalized Linear Models	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.	
	93780	Python for Data Science	Wednesday 24/04/2024		
Choose Any One of the Following					
XVII	93783	Survival Analysis	Friday 19/04/2024		
	93784	Actuarial statistics			
Choose Any One of the Following					
XVIII	93785	Econometrics	Monday 22/04/2024		
	93786	Biostatistics			
Choose Any One of the Following					
XX	93787	Statistical quality control	Friday 26/04/2024		
	93788	Spatial data analysis			

Branch Code -APPLIED STATISTICS & INFORMATICS (C.B.C.S.) From March-2023					
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XVI	86594	Generalized Linear Models	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.	
Choose Any One of the Following					
XVII	86599	Survival Analysis	Friday 19/04/2024		
	86600	Actuarial statistics			
Choose Any One of the Following					
XVIII	86602	Biostatistics	Monday 22/04/2024		
	86601	Econometrics			
Choose Any One of the Following					
XIX	86595	Python for Data Science	Wednesday 24/04/2024		
Choose Any One of the Following					
XX	86605	Spatial data analysis	Friday 26/04/2024		
	86604	Statistical quality control			

M.Sc. Environmental Science (NEP-0.1)

(Course Code -2353)

Branch Code- ENVIRONMENTAL SCIENCE (NEP-0.1)				from Oct 2023
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
X	91004	Natural Resources Management and Sustainability	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
XI	91006	Environmental Laws, Environmental Management System and Life Cycle Assessment	Thursday 18/04/2024	
XII	91007	Environmental Toxicology	Saturday 20/04/2024	
XIII	91005	Research Methodology & Biostatistics	Tuesday 23/04/2024	

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

(Course Code -2341)

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)				from Oct 2022
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
X	85355	Natural Resources and their Conservation	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
XI	85356	Environmental Statistics and Computer Applications	Thursday 18/04/2024	
XII	85357	Environmental Policy and Legislation	Saturday 20/04/2024	
XIII	85358	Environmental Toxicology and Public Health	Tuesday 23/04/2024	

M.Sc. Environmental Science (NEP-0.1)**(Course Code -2353)**

Branch Code- ENVIRONMENTAL SCIENCE (NEP-0.1)			From March-2024	
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	91008	Environmental Impact Assessment and Environmental Audit	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
XIV	91009	Industrial Safety, Disaster Management	Friday 19/04/2024	
XV	91010	Climate Change, Adaptation and Mitigation	Monday 22/04/2024	
XVI	91011	Environmental Biotechnology	Wednesday 24/04/2024	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			From March-2023	
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	86670	Socio- Economic Aspects of Environment	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.
XIV	86671	Environmental Hazards and Disaster Management	Friday 19/04/2024	
XV	86672	Environmental Planning and Management	Monday 22/04/2024	
XVI	86673	Environmental Biotechnology	Wednesday 24/04/2024	

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

Branch Code- Medical Information Management (NEP-0.1)			From Oct--2023	
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	90941	Clinical Data Management-II	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
X	90942	Clinical Quality Management-II	Thursday 18/04/2024	
XI	90943	Project Management and Project Presentation	Saturday 20/04/2024	
Choose Any One of the Following Papers			Monday 22/04/2024	
XII	90944	Module to Deepen Knowledge Clinical Research, Biostatistics, Epidemiology.		
	90945	Next Generation Sequencing		

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

Branch Code- Medical Information Management (C.B.C.S.)				From Oct--2022	
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	86550	Clinical Data Management-II	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.	
X	86551	Clinical Quality Management-II	Thursday 18/04/2024		
XI	86552	Project Management and Project Presentation	Saturday 20/04/2024		
XII	86553	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	Monday 22/04/2024		

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	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M.	
XIV	86679	Technology of Oilseeds & Fats	Friday 19/04/2024		
XV	86680	Food Biotechnology	Monday 22/04/2024		
XVI	86681	Post-Harvest Technology of Plantation Crops	Wednesday 24/04/2024		

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

Branch Code - Alcohol Technology (NEP-0.1)				(From Oct-2023)	
Part II – Sem.- III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	90972	Alcohol Technology-III	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.	
X	90973	Industrial Microbiology	Thursday 18/04/2024		
XI	90974	Chemical Engineering	Saturday 20/04/2024		
Paper No. XII	Paper No. XII :- Choose Any One of the Following Papers				
	90975	Industrial Waste Water Treatment	Tuesday 23/04/2024		
	90976	Pollution :Prevention and Control			
	90977	Sugar Technology			

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

Branch Code - Alcohol Technology (C.B.C.S.)				(From Oct-2022)	
Part II – Sem.- III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	85279	Alcohol Technology-III	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.	
X	85280	Industrial Microbiology	Thursday 18/04/2024		
XI	85278	Chemical Engineering	Saturday 20/04/2024		
Paper No. XII :- Choose Any One of the Following Papers					
	85283	Industrial Waste Water Treatment	Tuesday 23/04/2024		
	85281	Pollution Prevention and Control			
	85282	Sugar Technology			

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

Branch Code - Alcohol Technology (NEP-0.1)			(From March-2024)	
Part II – Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	90980	Alcohol Technology-IV	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M
XIV	90981	Alcohol Technology-V	Friday 19/04/2024	
XV	90982	Industrial Fermentation-II	Monday 22/04/2024	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			Wednesday 24/04/2024
	90983	General Engineering		
	90984	Business management & Marketing		
	90985	Energy conversion and co generation		

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

Branch Code - Alcohol Technology (C.B.C.S.)			(From March-2023)	
Part II – Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	90485	Alcohol Technology-IV	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M
XIV	90486	Alcohol Technology-V	Friday 19/04/2024	
XV	90487	Industrial Fermentation-II	Monday 22/04/2024	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			Wednesday 24/04/2024
	90488	General Engineering		
	90489	Business management & Marketing		
	90490	Energy conversion and co generation		

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

Branch Code - Sugar Technology (NEP-0.1)			(From Oct-2023)	
Part II – Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	90988	Equipments & Capacity Calculation I & II (ECC)	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
X	90989	Allied Sugar Manufacturing	Thursday 18/04/2024	
XI	90990	Chemical Engineering-Heat & Material Transfer(CEHMT)	Saturday 20/04/2024	
Paper No. XII	Paper No. XII :- Choose Any One of the Following Papers			Tuesday 23/04/2024
	90991	Alcohol Technology (ALCOTECH)		
	90992	Bio-Chemical Engineering (BCE)		
	90993	Electronics and Instrument Engineering (EIE)		

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

Branch Code - Sugar Technology (C.B.C.S.)			(From Oct-2022)	
Part II - Sem III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	85456	Equipments Capacity Calculation(ECC)	Monday 15/04/2024	02:30 P.M. To 05:30 P.M.
X	85457	Allied sugar manufacturing	Thursday 18/04/2024	
XI	85458	Chemical Engineering-Heat & Material Transfer(CEHMT)	Saturday 20/04/2024	
Paper No.XII	Paper No. XII :- Choose Any One of the Following Papers			
	85459	Alcohol Technology (ALCOTECH)	Tuesday 23/04/2024	
	85461	Bio-Chemical Engineering (BCE)		
	85460	Electronics and Instrument Engineering (EIE)		

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

Branch Code - Sugar Technology (NEP-0.1)			(From-March-2023)	
Part II – Sem. IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	93947	Advance Sugar Technology and Engineering	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M
XIV	93946	Allied Co Product Manufacturing	Friday 19/04/2024	
XV	93948	Chemical Engineering	Monday 22/04/2024	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	93951	Energy Conversion and Co-generation	Wednesday 24/04/2024	
	93952	Pollution Presentation and Control		
	93953	Water Management and Zero Discharge		

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

Branch Code - Sugar Technology (C.B.C.S.)			(From-March-2023)	
Part II – Sem. IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	90471	Advance Sugar Technology and Engineering	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M
XIV	90472	Allied Co Product Manufacturing	Friday 19/04/2024	
XV	90473	Chemical Engineering	Monday 22/04/2024	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	90476	Energy Conversion and Co-generation	Wednesday 24/04/2024	
	90477	Pollution Presentation and Control		
	90478	Water Management and Zero Discharge		

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

Branch Code:- M.Sc. Food Science and Nutrition (NEP-0.1)					From Oct - 2023
Part - II, Sem. - III					
Paper No	Subject Code	Paper Name	Day & Date	Evening	
IX	90930	Research Methodology & Biostatistics	Monday 15/04/2024	02:30 P.M. To 05:30 P.M	
X	90931	Processing of Milk and Milk Products	Thursday 18/04/2024		
XI	90932	Food Additives, Contaminants and Toxicology	Saturday 20/04/2024		
XII	90933	Clinical Nutrition	Wednesday 24/04/2024		

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

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)					From Oct - 2022
Part - II, Sem. - III					
Paper No	Subject Code	Paper Name	Day & Date	Evening	
IX	86326	Research Methodology & Biostatistics	Monday 15/04/2024	02:30 P.M. To 05:30 P.M	
X	86327	Processing of Milk and Milk Products	Thursday 18/04/2024		
XI	86328	Food Additives, Contaminants and Toxicology	Saturday 20/04/2024		
XII	86329	Clinical Nutrition	Tuesday 23/04/2024		

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

Branch Code:- M.Sc. Food Science and Nutrition (NEP-0.1)					From March - 2024
Part - II, Sem. - IV					
Paper No	Subject Code	Paper Name	Day & Date	Morning	
XIII	90935	Food Product Development & Packaging	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M	
XIV	90936	Processing of Animal Foods	Friday 19/04/2024		
XV	90937	Functional Foods and Nutraceuticals	Monday 22/04/2024		
XVI	90938	Public Health Nutrition	Wednesday 24/04/2024		

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

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)					From March - 2023
Part - II, Sem. - IV					
Paper No	Subject Code	Paper Name	Day & Date	Morning	
XIII	86331	Food Product Development & Packaging	Tuesday 16/04/2024	10:30 A.M. To 01:30 P.M	
XIV	86332	Processing of Animal Foods	Friday 19/04/2024		
XV	86333	Functional Foods and Nutraceuticals	Monday 22/04/2024		
XVI	86334	Public Health Nutrition	Wednesday 24/04/2024		

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

Branch Code- Embedded Technology (C.B.C.S.)				From Oct-2022	
Part II :- Sem.-III					
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	86336	Wireless Sensor Network	Monday 15/04/2024	02:30 P.M.	
X	86337	Programming with Python	Thursday 18/04/2024	To	
XI	86338	ARM Microcontroller and Embedded System Design	Saturday 20/04/2024	05:30 P.M	

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

Branch Code- Embedded Technology (NEP-0.1)				From March-2024	
Part II :- Sem.-IV					
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	93841	Intelligent lo T System Design	Tuesday 16/04/2024	10:30 A.M.	
X	93842	Smart Fusion Technology Based System Design	Friday 19/04/2024	To	
XI	93843	Artificial Intelligence & Machine Learning	Monday 22/04/2024	01:30 P.M	

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

Branch Code- Embedded Technology (C.B.C.S.)				From March-2023	
Part II :- Sem.-IV					
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	86339	Intelligent lo T System Design	Tuesday 16/04/2024	10:30 A.M.	
X	86340	Smart Fusion Technology Based System Design	Friday 19/04/2024	To	
XI	86341	Artificial Intelligence & Machine Learning	Monday 22/04/2024	01:30 P.M	

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

Branch Code- Data Science (NEP-0.1)				From Oct-2023	
Part II :- Sem.-III					
PAPE R NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	91069	Artificial Intelligence	Monday 15/04/2024	02:30 P.M.	
X	91070	Web Technology	Thursday 18/04/2024	To	
XI	91071	R Programming	Saturday 20/04/2024	05:30 P.M	
XII	91072	Data Visualization	Monday 22/04/2024		

M.Sc. Information Technology (NEP-0.1)**(Course Code -2353)**

Branch Code- Information Technology (NEP-0.1)				From Oct-2023	
		Part II :- Sem.-III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	90955	Artificial Intelligence	Monday 15/04/2024	02:30 P.M.	To
X	90956	Image Processing	Thursday 18/04/2024		
XI	90957	Advanced Python Programming	Saturday 20/04/2024		
Choose Any One of the Following Papers					
XII	90958	R Programming	Monday 22/04/2024	05:30 P.M	
	90959	Micro Services Architecture			
	90964	Cyber Security			

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
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	05:30 P.M	
	91523	Biogeography			
Choose Any One of the Following Papers					
XII	91524	Settlement Geography	Monday 22/04/2024	05:30 P.M	
	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
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	05:30 P.M	
	86199	Biogeography			
Choose Any One of the Following Papers					
VIII	86201	Settlement Geography	Monday 22/04/2024	05:30 P.M	
	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	91534	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 Feb-2023

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