



SHIVAJI UNIVERSITY KOLHAPUR

Circular No. (567) Winter Session Offline Exam of Oct/Nov.-2023 to be held in Oct./Nov.-2023.

Draft Programme of the M.Sc. Part-II (Sem.- III) NEP-2020 Course Code-2353 & M.Sc. Part-II (Sem.-III & Sem.- IV) CBCS Corse code- 2341 & 205 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) NEP-2020 Course Code-4464 & M.A/M.Sc. Geography (Sem. -III & Sem.- IV) CBCS Corse code- 412 & 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
2	M..Sc. Statistics M..Sc. Applied Statistics and Informatics		Department of Statistics, Shivaji University Kolhapur
3	M..Sc. Environmental Science		Department of Environmental Science, Shivaji University Kolhapur
4	M..Sc. Food Science & Technology		Department of Food Science & Technology, Shivaji University Kolhapur
5	M.A./M..Sc. Geography		Department of Geography, Shivaji University Kolhapur
6	M.Sc. Medical Information & Management		Department of Biochemistry Shivaji University Kolhapur
7	M.Sc. Physics, M.A./M.Sc. Mathematics	01	Vivekanand College, Kolhapur
8	M. Sc Physics	48	Devchand College, ARJUNNAGAR
9	M.Sc. Food Science and Nutrition	256	College of Non-Conventional Vocation Courses for Women University Road, Kolhapur
10	M. Sc Physics M.A./M.Sc. Mathematics	30	The New College Kolhapur
11	M.A./M.Sc. Mathematics M.A./M. Sc. Geography M.Sc. Information Technology	90	Karmveer Bhaurao Patil College, URUN –ISLAMPUR.
12	M.Sc. Alcohol Technology M.Sc. Sugar Technology	444	Rajarambapu College of Sugar Technology, URUN-ISLAMPUR
13	M.Sc. Physics, M.Sc. Embedded Technology M.Sc. Data Science	78	Smt. Kasturabi Walchand College of Arts & Science, SANGLI.
14	M.Sc. Physics, M.A./M.Sc. Mathematics	80	Willingdon College, SANGLI
15	M.Sc. Physics	94	Raje Ramrao Mahavidyalaya, JATH
16	M.A./M. Sc. Geography, M. Sc Statistics	92	Padm. Bhushan Dr. Vasantodada Patil Mahavidyalaya, TASGAON
17	M.A./M. Sc. Geography M.Sc. Physics	84	Miraj Mahavidyalaya, Miraj
18	M.Sc. Physics	86	Balwant College. Vita Tal-Khanapur Dist-Sangli

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

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

Branch Code - Physics (C.B.C.S.)			From Oct-2023	
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	90921	Nuclear and Particle Physics	Monday 20/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One Of The Following Paper				02:30 P.M. To 04:30 P.M.
X	90899	Data Analysis and Statistical Software(DASF)	Wednesday 22/11/2023	
	90900	Numerical Computing Using MATLAB(NCU)		
	90903	Computational Programming using Mathematical (CP)		
	92363	Thin Film Deposition Technology(TFDT)		
Choose Any One Of The Following Paper				02:30 P.M. To 05:30 P.M.
XI	90897	The New Energy Technologies(TNET)	Friday 24/11/2023	
	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 28/11/2023	
	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 20/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One Of The Following Paper				02:30 P.M. To 04:30 P.M.
X	85441	Data Analysis and Statistical Software(DASF)	Wednesday 22/11/2023	
	85442	Numerical Computing Using MATLAB(NCU)		
	85443	Computational Programming using Mathematical (CP)		
	85444	Thin Film Deposition Technology(TFDT)		
Choose Any One Of The Following Paper				02:30 P.M. To 05:30 P.M.
XI	85429	The New Energy Technologies(TNET)	Friday 24/11/2023	
	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)	Tuesday 28/11/2023	
	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 (C.B.C.S.)				n From-(March-2023)	
		Part II :- Semester IV			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	86736	Experimental Techniques	Tuesday 21/11/2023	10:30 A.M. To 01:30 P.M.	
Choose Any One of The Following Subject				10:30 A.M. To 01:30 P.M.	
X	86748	Numerical Methods And Programming	Thursday 23/11/2023		
	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	Saturday 25/11/2023		
	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					10:30 A.M. To 01:30 P.M.
XII	86741	Energy Conversion Devices	Wednesday 29/11/2023		
	86742	Nanostructured Materials			
	86743	Holography and Its Applications			
	86744	Ionospheric and Space Weather			
	86745	Semiconductor Devices			
	86746	Introduction to Quantum Field Theory			

Branch Code - PHYSICS (C.B.C.S.)			From-(March-2021)	
		Part II :- Semester IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	83111	Experimental Techniques	Tuesday 21/11/2023	10:30 A.M. To 01:30 P.M.
Choose Any One of The Following Subject				10:30 A.M. To 01:30 P.M.
X	83221	Numerical Methods And Programming	Thursday 23/11/2023	
	83223	Energy Conversion and Storage Devices		
	83224	MATI AB Programming and Applications		
Choose Any One of The Following Subject				
XI	83080	Renewable Energy Resources	Saturday 25/11/2023	
	83081	Special Materials		
	83082	Molecular Spectroscopy		
	83083	Magnetospheric Plasma Dynamics		
	83084	Physical Properties of Solids		
	83085	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
Choose Any One of The Following Subject				
XII	83086	Energy Conversion Devices	Wednesday 29/11/2023	
	83087	Nanostructured Materials		
	83088	Holography and Its Applications		
	83089	Ionospheric and Space Weather		
	83090	Semiconductor Devices		
	83091	Introduction to Quantum Field Theory		

M.Sc. Statistics [C.B.C.S.]

(Course Code -2353)

Branch Code - STATISTICS (C.B.C.S.)				From Oct-2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XI	91059	Asymptotic Inference	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XII	91063	Stochastic Processes	Friday 01/12/2023	
	91064	Functional Data Analysis		
Choose Any One of the Following				
XIII	91065	Data Mining	Monday 04/12/2023	
	91066	Artificial Intelligence		
Choose Any One of the Following				
XIV	91067	Time Series Analysis	Wednesday 06/12/2023	
	91068	Statistical Ecology		
Choose Any One of the Following				
XV	91060	Multivariate Analysis	Friday 08/12/2023	
	91061	Bayesian Inference		
	91062	Regression Analysis		

M.Sc. Statistics [C.B.C.S.]

(Course Code -2341)

Branch Code - STATISTICS (C.B.C.S.)			From Oct-2022	
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XI	85445	Asymptotic Inference	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XII	85449	Stochastic Processes	Friday 01/12/2023	
	85450	Functional Data Analysis		
Choose Any One of the Following				
XIII	85451	Data Mining	Monday 04/12/2023	
	85452	Artificial Intelligence		
Choose Any One of the Following				
XIV	85453	Time Series Analysis	Wednesday 06/12/2023	
	85454	Statistical Ecology		
Choose Any One of the Following				
XV	85446	Multivariate Analysis	Friday 08/12/2023	
	85447	Bayesian Inference		

Branch Code - STATISTICS (C.B.C.S.)			From March-2023	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	86767	Generalized Linear Models	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One of the Following				
XVII	86771	Survival Analysis	Thursday 30/11/2023	
	86772	Actuarial statistics		
Choose Any One of the Following				
XVIII	86773	Biostatistics	Saturday 02/12/2023	
	86774	Econometrics		
Choose Any One of the Following				
XIX	86777	Optimization techniques	Tuesday 05/12/2023	
	86778	Circular Data analysis		
Choose Any One of the Following				
XX	86775	Spatial data analysis	Thursday 07/12/2023	
	86776	Statistical quality control		

Branch Code - STATISTICS (C.B.C.S.)				From April-2020
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	83040	Generalized Linear Models	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One of the Following				
XVII	83041	Survival Analysis	Thursday 30/11/2023	
	83042	Actuarial statistics		
Choose Any One of the Following				
XVIII	83043	Biostatistics	Saturday 02/12/2023	
	83044	Econometrics		
Choose Any One of the Following				
XIX	83039	Optimization techniques	Tuesday 05/12/2023	
	83175	Circular Data analysis		
Choose Any One of the Following				
XX	83045	Spatial data analysis	Thursday 07/12/2023	
	83046	Statistical quality control		

M.Sc. Applied Statistics & Informatics [C.B.C.S.] (Course Code -2353)

Branch Code - APPLIED STATISTICS& INFORMATICS (C.B.C.S.)				
New From Oct-2023				
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
X	91075	Data Base Management System	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XI	91063	Stochastic Processes	Friday 01/12/2023	
	91064	Functional Data Analysis		
Choose Any One of the Following				
XII	91065	Data Mining	Monday 04/12/2023	
	91066	Artificial Intelligence		
Choose Any One of the Following				
XIII	91067	Time Series Analysis	Wednesday 06/12/2023	
	91068	Statistical Ecology		
Choose Any One of the Following				
XIV	91060	Multivariate Analysis	Friday 08/12/2023	
	91061	Bayesian Inference		

M.Sc. Applied Statistics & Informatics [C.B.C.S.]

(Course Code -2341)

Branch Code - APPLIED STATISTICS& INFORMATICS (C.B.C.S.)				
New From Oct-2022				
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
X	85296	Data Base Management System	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XI	85300	Stochastic Processes	Friday 01/12/2023	
	85301	Functional Data Analysis		
Choose Any One of the Following				
XII	85302	Data Mining	Monday 04/12/2023	
	85303	Artificial Intelligence		
Choose Any One of the Following				
XIII	85304	Time Series Analysis	Wednesday 06/12/2023	
	85305	Statistical Ecology		
Choose Any One of the Following				
XIV	85297	Multivariate Analysis	Friday 08/12/2023	
	85298	Bayesian Inference		

Branch Code -APPLIED STATISTICS & INFORMATICS (C.B.C.S.) From March-2023				
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	86594	Generalized Linear Models	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One of the Following				
XVII	86599	Survival Analysis	Thursday 30/11/2023	
	86600	Actuarial statistics		
Choose Any One of the Following				
XVIII	86602	Biostatistics	Saturday 02/12/2023	
	86601	Econometrics		
Choose Any One of the Following				
XIX	86595	Python for Data Science	Tuesday 05/12/2023	
Choose Any One of the Following				
XX	86605	Spatial data analysis	Thursday 07/12/2023	
	86604	Statistical quality control		

Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)				
From April-2021				
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	82941	Generalized Linear Models	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
Choose Any One of the Following				
XVII	82942	Survival Analysis	Thursday 30/11/2023	
	83042	Actuarial statistics		
Choose Any One of the Following				
XVIII	83238	Biostatistics	Saturday 02/12/2023	
	82946	Econometrics		
Choose Any One of the Following				
XIX	82939	Python for Data Science	Tuesday 05/12/2023	
Choose Any One of the Following				
XX	83045	Spatial data analysis	Thursday 07/12/2023	
	82943	Statistical quality control		

M.Sc. Environmental Science (C.B.C.S.)				(Course Code -2353)
Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)				from Oct 2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
X	91004	Natural Resources Management and Sustainability	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
XI	91006	Environmental Laws, Environmental Management System and Life Cycle Assessment	Thursday 30/11/2023	
XII	91007	Environmental Toxicology	Friday 01/12/2023	
XIII	91005	Research Methodology & Biostatistics	Wednesday 29/11/2023	

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	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
XI	85356	Environmental Statistics and Computer Applications	Thursday 30/11/2023	
XII	85357	Environmental Policy and Legislation	Wednesday 29/11/2023	
XIII	85358	Environmental Toxicology and Public Health	Friday 01/12/2023	

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 28/11/2023	10:30 A.M. To 01:30 P.M.
XIV	86671	Environmental Hazards and Disaster Management	Wednesday 29/11/2023	
XV	86672	Environmental Planning and Management	Thursday 30/11/2023	
XVI	86673	Environmental Biotechnology	Friday 01/12/2023	

M.Sc. Environmental Science (C.B.C.S.)				(Course Code -205)
Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)				From April-2021
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	83050	Socio- Economic Aspects of Environment	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
XIV	83051	Environmental Hazards and Disaster Management	Wednesday 29/11/2023	
XV	83052	Environmental Planning and Management	Thursday 30/11/2023	
XVI	83053	Environmental Biotechnology	Friday 01/12/2023	

M.Sc. Medical Information Management [C.B.C.S.]**(Course Code -2353)**

Branch Code- Medical Information Management (C.B.C.S.)				From Oct--2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	90941	Clinical Data Management-II	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
X	90942	Clinical Quality Management-II	Thursday 30/11/2023	
XI	90943	Project Management and Project Presentation	Saturday 02/12/2023	
Choose Any One of the Following Papers			Monday 04/12/2023	
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	Tuesday 28/11/2023	02:30 P.M. To 05:30 P.M.
X	86551	Clinical Quality Management-II	Thursday 30/11/2023	
XI	86552	Project Management and Project Presentation	Saturday 02/12/2023	
XII	86553	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	Monday 04/12/2023	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From Oct-2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	91776	Technology of Meat, Fish and Poultry Products	Tuesday 28-11-23	10:30 A.M. To 01:30 P.M.
X	91777	Technology of Milk and Milk Products	Thursday 30-11-23	
XI	91778	Food Quality and Safety Management	Saturday 02-12-23	
XII	91779	Food Additives, Contaminants and Toxicology	Monday 04-12-23	

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	Morning
IX	85359	Technology of Meat, Fish and Poultry Products	Tuesday 28-11-23	10:30 A.M. To 01:30 P.M.
X	85360	Technology of Milk and Milk Products	Thursday 30-11-23	
XI	85361	Food Quality and Safety Management	Saturday 02-12-23	
XII	85362	Food Additives, Contaminants and Toxicology	Monday 04-12-23	

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	Evening
XIII	86678	Food Packaging	Wednesday 29-11-23	02:30 P.M. To 05:30 P.M.
XIV	86679	Technology of Oilseeds & Fats	Friday 01-12-23	
XV	86680	Food Biotechnology	Tuesday 05-12-23	
XVI	86681	Post-Harvest Technology of Plantation Crops	Thursday 07-12-23	

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

(Course Code -205)

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From April-2021
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XIII	82952	Food Packaging	Wednesday 29-11-23	02:30 P.M. To 05:30 P.M.
XIV	82949	Technology of Oilseeds & Fats	Friday 01-12-23	
XV	82950	Food Biotechnology	Tuesday 05-12-23	
XVI	82951	Post-Harvest Technology of Plantation Crops	Thursday 07-12-23	

M.Sc. Alcohol Technology (C.B.C.S.) New

(Course Code -2353)

Branch Code - Alcohol Technology (C.B.C.S.)			(From Oct-2023)	
		Part II – Sem.- III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	90972	Alcohol Technology-III	Monday 20/11/2023	02:30 P.M. To 05:30 P.M.
X	90973	Industrial Microbiology	Wednesday 22/11/2023	
XI	90974	Chemical Engineering	Friday 24/11/2023	
Paper No. XII	Paper No. XII :- Choose Any One of the Following Papers			
	90975	Industrial Waste Water Treatment	Tuesday 28/11/2023	
	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 20/11/2023	02:30 P.M. To 05:30 P.M.
X	85280	Industrial Microbiology	Wednesday 22/11/2023	
XI	85278	Chemical Engineering	Friday 24/11/2023	
Paper No. XII :- Choose Any One of the Following Papers				
	85283	Industrial Waste Water Treatment	Tuesday 28/11/2023	
	85281	Pollution Prevention and Control		
	85282	Sugar Technology		

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 21/11/2023	10:30 A.M. To 01:30 P.M
XIV	90486	Alcohol Technology-V	Thursday 23/11/2023	
XV	90487	Industrial Fermentation-II	Saturday 25/11/2023	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	90488	General Engineering	Wednesday 29/11/2023	
	90489	Business management & Marketing		
	90490	Energy conversion and co generation		

M.Sc. Alcohol Technology (C.B.C.S.) New
(Course Code -205)

Branch Code - Alcohol Technology (C.B.C.S.)			(From March-2022)	
		Part II – Sem.- IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	85101	Alcohol Technology-IV	Tuesday 21/11/2023	10:30 A.M. To 01:30 P.M
XIV	85102	Alcohol Technology-V	Thursday 23/11/2023	
XV	85103	Industrial Fermentation-II	Saturday 25/11/2023	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	85104	General Engineering	Wednesday 29/11/2023	
	85105	Business management & Marketing		
	85106	Energy conversion and co generation		

M.Sc. Sugar Technology (C.B.C.S.) New
(Course Code -2353)

Branch Code - Sugar Technology (C.B.C.S.)			(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 20/11/2023	02:30 P.M. To 05:30 P.M.
X	90989	Allied Sugar Manufacturing	Wednesday 22/11/2023	
XI	90990	Chemical Engineering-Heat & Material Transfer(CEHMT)	Friday 24/11/2023	
Paper No.XII	Paper No. XII :- Choose Any One of the Following Papers			
	90991	Alcohol Technology (ALCOTECH)	Tuesday 28/11/2023	
	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 20/11/2023	02:30 P.M. To 05:30 P.M.
X	85457	Allied sugar manufacturing	Wednesday 22/11/2023	
XI	85458	Chemical Engineering-Heat & Material Transfer(CEHMT)	Friday 24/11/2023	
Paper No.XII	Paper No. XII :- Choose Any One of the Following Papers			
	85459	Alcohol Technology (ALCOTECH)	Tuesday 28/11/2023	
	85461	Bio-Chemical Engineering (BCE)		
	85460	Electronics and Instrument Engineering (EIE)		

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 21/11/2023	10:30 A.M. To 01:30 P.M
XIV	90472	Allied Co Product Manufacturing	Thursday 23/11/2023	
XV	90473	Chemical Engineering	Saturday 25/11/2023	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	90476	Energy Conversion and Co-generation	Wednesday 29/11/2023	
	90477	Pollution Presentation and Control		
	90478	Water Management and Zero Discharge		

M.Sc. Sugar Technology (C.B.C.S.) New

(Course Code -205)

Branch Code - Sugar Technology (C.B.C.S.)			(From-March-2022)	
		Part II - Sem IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XIII	85095	Advance Sugar Technology and Engineering	Tuesday 21/11/2023	10:30 A.M. To 01:30 P.M
XIV	85094	Allied Co Product Manufacturing	Thursday 23/11/2023	
XV	95096	Chemical Engineering	Saturday 25/11/2023	
Paper No. XVI	Choose Any One of the Following Papers			
	85097	Energy Conversion and Co-generation	Wednesday 29/11/2023	
	85098	Pollution Presentation and Control		
	85099	Water Management and Zero Discharge		

M.Sc. Food Science and Nutrition (CBCS)

[Course code 2353]

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)				From Oct - 2023
		Part - II, Sem. - III		
Paper No	Subject Code	Paper Name	Day & Date	Morning
IX	90930	Research Methodology & Biostatistics	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M
X	90931	Processing of Milk and Milk Products	Thursday 30/11/2023	
XI	90932	Food Additives, Contaminants and Toxicology	Saturday 02/12/2023	
XII	90933	Clinical Nutrition	Monday 04/12/2023	

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	Morning
IX	86326	Research Methodology & Biostatistics	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M
X	86327	Processing of Milk and Milk Products	Thursday 30/11/2023	
XI	86328	Food Additives, Contaminants and Toxicology	Saturday 02/12/2023	
XII	86329	Clinical Nutrition	Monday 04/12/2023	

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	Evening
XIII	86331	Food Product Development & Packaging	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
XIV	86332	Processing of Animal Foods	Friday 01/12/2023	
XV	86333	Functional Foods and Nutraceuticals	Tuesday 05/12/2023	
XVI	86334	Public Health Nutrition	Wednesday 06/12/2023	

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		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	86336	Wireless Sensor Network	Tuesday 28/11/2023	10:30 A.M. To 01:30 P.M.
X	86337	Programming with Python	Thursday 30/11/2023	
XI	86338	ARM Microcontroller and Embedded System Design	Saturday 02/12/2023	

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		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	86339	Intelligent lo T System Design	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
X	86340	Smart Fusion Technology Based System Design	Friday 01/12/2023	
XI	86341	Artificial Intelligence & Machine Learning	Tuesday 05/12/2023	

M.Sc. Data Science [C.B.C.S.]

(Course Code -2353)

Branch Code- Data Science (C.B.C.S.)				From Oct-2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	91069	Artificial Intelligence	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
X	91070	Web Technology	Friday 01/12/2023	
XI	91071	R Programming	Tuesday 05/12/2023	
XII	91072	Data Visualization	Thursday 07/12/2023	

M.Sc. Information Technology [C.B.C.S.]

(Course Code -2353)

Branch Code- Information Technology (C.B.C.S.)				From Oct-2023
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	90955	Artificial Intelligence	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
X	90956	Image Processing	Friday 01/12/2023	
XI	90957	Advanced Python Programming	Tuesday 05/12/2023	
Choose Any One of the Following Papers				
XII	90958	R Programming	Thursday 07/12/2023	
	90959	Micro Services Architecture		
	90964	Cyber Security		

M.A./M.Sc. Geography [C.B.C.S.]			(Course code-4464)	
Branch Code - GEOGRAPHY (C.B.C.S.)			(From Oct-2023)	
		Part II - Sem III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IV	91520	Applied Climatology and Climate Change	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
X	91521	Fundamentals of Remote Sensing and Digital Image Processing	Friday 01/12/2023	
Choose Any One of the Following Papers				
XI	91522	Geography of Environment	Tuesday 05/12/2023	
	91523	Biogeography		
Choose Any One of the Following Papers				
XII	91524	Settlement Geography	Thursday 07/12/2023	
	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	Morning
V	86194	Geohydrology and Oceanography	Wednesday 29/11/2023	10:30 A.M. To 01:30 P.M.
VI	86195	Fundamentals of Remote Sensing and Digital Image Processing	Friday 01/12/2023	
Choose Any One of the Following Papers				
VII	86198	Geography of Environment	Tuesday 05/12/2023	
	86199	Biogeography		
Choose Any One of the Following Papers				
VIII	86201	Settlement Geography	Thursday 07/12/2023	
	86202	Geography of India		
	86203	Political Geography		

M.A./M.Sc. Geography [C.B.C.S.] New			Course code-New 412)	
Branch Code- Geography (C.B.C.S.)			From April--2023	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	86205	Development of Modern Geographical Thought	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
X	86206	Regional Planning and Development	Friday 01/12/2023	
Choose Any One Of The Following Papers				
XI	86210	Fundamentals and Application of GIS and GPS	Tuesday 05/12/2023	
	86211	Fundamental of Soil Geography		
Choose Any One Of The Following Papers				
XII	86212	Geography of Health and Nutrition	Thursday 07/12/2023	
	86213	Tourism Geography		
	86214	Agricultural Geography		

Branch Code- Geography (C.B.C.S.)			From April--2021	
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	82982	Development of Modern Geographical Thought	Wednesday 29/11/2023	02:30 P.M. To 05:30 P.M.
X	82983	Regional Planning and Development	Friday 01/12/2023	
Choose Any One Of The Following Papers				
XI	82984	Fundamentals and Application of GIS and GPS	Tuesday 05/12/2023	
	82985	Fundamental of Soil Geography		
Choose Any One Of The Following Papers				
XII	82986	Agricultural Geography	Thursday 07/12/2023	
	82987	Tourism Geography		
	82988	Geography of Health and Nutrition		

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 :-19 Oct-2023

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