

#### SHIVAJI UNIVERSITY KOLHAPUR

# Circular No. (599) Winter Session Offline Exam of Oct/Nov.-2023 to be held in Oct./Nov.-2023.

Final 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 <a href="www.unishivaji.ac.in">www.unishivaji.ac.in</a> The Written Examination will be held at following center and Places declared:-

Sr. No	Exam	College Code	Places
1	M.sc Physics		Department of Physics, Shivaji University Kolhapur
2	MSc. Statistics MSc. Applied Statistics and Informatics		Department of Statistics, Shivaji University Kolhapur
3	MSc. Environmental Science	264	Department of Environmental Science, Shivaji University Kolhapur
4	MSc. Food Science & Technology		Department of Food Science & Technology, Shivaji University Kolhapur
5	M.A./MSc. 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. Vasantraodada 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,	156	
	Industrial Microbiology,		Sadguru Gadage Maharaj College, KARAD
	M. Sc Statistics,		
	M.A./M. Sc Mathematics,		
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,	149	Yashwantrao Chavan Institute of Science,
	M.A./M.Sc. Mathematics		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 [ NEP]

# ( Course Code -2353)

Branch (	Branch Code - Physics (C.B.C.S.)				
		Part II :- SemIII			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
IX	90921	Nuclear and Particle Physics	Monday 11/12/2023	02:30 P.M. To 05:30 P.M.	
Choose	Any One	Of The Following Paper			
X	90899	Data Analysis and Statistical Software(DASF)		02:30 P.M.	
	90900	Numerical Computing Using MATLAB(NCU)	Wednesday 13/12/2023	To 04:30 P.M.	
	90903	Computational Programming using Mathematical (CP)			
	92363	Thin Film Deposition Technology(TFDT)			
Choose	Any One	Of The Following Paper			
XI	90897	The New Energy Technologies(TNET)			
	90901	Imperfection in Crystals(IIC)	Friday		
	90913	Thin Solid Films: Deposition And Properties(TSFDAP)	15/12/2023		
	90917	Fundamentals of Plasma Physics (FOPP)			
	90905	Laser Physics(LP)			
	90909	Stellar Evolution : Birth Evolution and Death of the stars(SEBDS)		02:30 P.M.	
Choose	Any One	Of The Following Paper		TT.	
XII	90898	Solar Thermal Devices (STD)		То	
	90902	Properties Of Materials (POM)		05.20 D M	
	90910	Astrophysics of the Sun (AOTS)	Monday	05:30 P.M.	
	90914	Semi Conductor Physics(SP)	18/12/2023		
	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 :- SemIII			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
IX	85428	Nuclear and Particle Physics	Monday 11/12/2023	02:30 P.M. To 05:30 P.M.	
Choose	Any One	Of The Following Paper			
X	85441	Data Analysis and Statistical Software(DASF)			
	85442	Numerical Computing Using MATLAB(NCU)	Wednesday	02:30 P.M.	
	85443	Computational Programming using Mathematical (CP)	13/12/2023	· 1	
~-	85444	Thin Film Deposition Technology(TFDT)			
Choose XI	<b>Any One</b> ( 85429	Of The Following Paper The New Energy Technologies(TNET)			
	85430	Imperfection in Crystals(IIC)			
	85431	Thin Solid Films: Deposition And			
		Properties(TSFDAP)	Friday 15/12/2023		
	85432	Fundamentals of Plasma Physics (FOPP)		02:30 P.M.	
	85433	Laser Physics(LP)		To 05:30 P.M.	
	85434	Stellar Evolution : Birth Evolution and			
		Death of the stars(SEBDS)			
Choose	Any One	Of The Following Paper			
XII	85435	Solar Thermal Devices (STD)			
	85436	Properties Of Materials (POM)			
	85437	Astrophysics of the Sun (AOTS)	Monday		
	85438	Semi Conductor Physics(SP)	18/12/2023		
	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 12/12/2023	10:30 A.M. To 01:30 P.M.	
Choose A	ny One of	The Following Subject			
X	86748	Numerical Methods And Programming			
	86749	MATL AB Programming and Applications	Thursday		
	86750	Energy Conversion and Storage Devices	Thursday 14/12/2023		
	86747	Modern Analytical Techniques		10:30 A.M.	
Choose A	ny One of	The Following Subject		To 01:30 P.M.	
XI	86737	Renewable Energy Resources		01.301.111.	
	86738	Molecular Spectroscopy			
	86739	Magnetospheric Plasma Dynamics	Saturday 16/12/2023		
	86740	Physical Properties of Solids			
	86751	Interaction of Electromagnetic waves			
		with Electron Beams & Plasmas			
	86752	Special Materials		10:30 A.M. To	
Choose A	01:30 P.M.				
XII	86741	Energy Conversion Devices			
	86742	Nanostructured Materials			
	86743	Holography and Its Applications	Tuesday		
	86744	Ionospheric and Space Weather	19/12/2023		
	86745	Semiconductor Devices			
	86746	Introduction to Quantum Field Theory			

Branch Code - PHYSICS (C.B.C.S.)			From-(Ma	rch-2021)
		Part II :- Semester IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
IX	83111	Experimental Techniques	Tuesday 12/12/2023	10:30 A.M. To 01:30 P.M.
Choose A	ny One of	The Following Subject		
X	83221	Numerical Methods And Programming		
	83223	Energy Conversion and Storage Devices	Thursday	
	83224	MATI AB Programming and Applications	14/12/2023	
Choose A	ny One of	The Following Subject		
XI	83080	Renewable Energy Resources		
	83081	Special Materials		
	83082	Molecular Spectroscopy	Saturday 16/12/2023	10:30 A.M. To 01:30 P.M.
	83083	Magnetospheric Plasma Dynamics		
	83084	Physical Properties of Solids		
	83085	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
Choose A	ny One of	The Following Subject		
XII	83086	Energy Conversion Devices		
	83087	Nanostructured Materials	Tuesday	
	83088	Holography and Its Applications	19/12/2023	
	83089	Ionospheric and Space Weather		
	83090	Semiconductor Devices		
	83091	Introduction to Quantum Field Theory		
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# M.Sc. Statistics [ NEP 2020 ]

# (Course Code -2353)

Branch Co	From Oct-2023			
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XI	91059	Asymptotic Inference	Tuesday 28/11/2023	
Choose A	Any One of t	the Following		
XII	91063	Stochastic Processes	Tuesday	10:30 A.M.
	91064	Functional Data Analysis	05/12/2023	10.30 A.W.
Choose A	Any One of t	the Following		To
XIII	91065	Data Mining	Thursday	01:30 P.M.
	91066	Artificial Intelligence	07/12/2023	01.301.11.
Choose A	Any One of t	he Following		
XIV	91067	Time Series Analysis	Saturday	
	91068	Statistical Ecology	09/12/2023	
Choose A	Any One of t	the Following		
XV	91060	Multivariate Analysis		
	91061	Bayesian Inference	Tuesday 12/12/2023	
	91062	Regression Analysis		

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

<b>Branch Coo</b>	Branch Code - STATISTICS (C.B.C.S.)		Fro	om Oct-2022
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XI	85445	Asymptotic Inference	Tuesday 28/11/2023	
Choose A	Any One of t	the Following		
XII	85449	Stochastic Processes	Tuesday	10:30 A.M.
	85450	Functional Data Analysis	05/12/2023	10.30 A.W.
Choose A	Any One of t	the Following		To
XIII	85451	Data Mining	Thursday	01:30 P.M.
	85452	Artificial Intelligence	07/12/2023	01.501.101.
Choose A	ny One of t	the Following		
XIV	85453	Time Series Analysis	Saturday	
	85454	Statistical Ecology	09/12/2023	
Choose A	Any One of t	the Following		
XV	85446	Multivariate Analysis	Tuesday	
	85447	Bayesian Inference	12/12/2023	

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

# (Course Code -2341)

Branch (	,			March-2023
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	
XVI	86767	Generalized Linear Models	Tuesday 28/11/2023	
<b>Choose A</b>	ny One of the	e Following		
XVII	86771	Survival Analysis	T. 1	
	86772	Actuarial statistics	Tuesday 05/12/2023	02:30 P.M.
Choose A	ny One of the	e Following	•	T
XVIII	86773	Biostatistics	Thursday	То
	86774	Econometrics	07/12/2023	05:30 P.M.
Choose A	ny One of the	e Following		
XIX	86777	Optimization techniques	Saturday	
	86778	Circular Data analysis	09/12/2023	
Choose A	ny One of the	e Following		
XX	86775	Spatial data analysis	Tuesday	
	86776	Statistical quality control	12/12/2023	

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

Branch Co	Branch Code - STATISTICS (C.B.C.S.)		From	April-2020
		Part II :- SemIV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY &DATE	Evening
XVI	83040	Generalized Linear Models	Tuesday 28/11/2023	
Choose A	ny One of	the Following		
XVII	83041	Survival Analysis	Tuesday	
	83042	Actuarial statistics	05/12/2023	02:30 P.M.
Choose A	ny One of	the Following		T.
XVIII	83043	Biostatistics	Thursday	То
	83044	Econometrics	07/12/2023	05:30 P.M.
Choose A	ny One of	the Following		
XIX	83039	Optimization techniques	Saturday	
	83175	Circular Data analysis	09/12/2023	
Choose A	any One of	the Following		
XX	83045	Spatial data analysis	Tuesday	
	83046	Statistical quality control	12/12/2023	

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

PAPER NO.PAPER CODEPAPER NAMEDAY & DATEX91075Data Base Management SystemTuesday 28/11/2023Choose Any One of the FollowingTuesday 05/12/2023XI91063Stochastic ProcessesTuesday 05/12/202391064Functional Data AnalysisChoose Any One of the FollowingThursday 07/12/2023XII91065Data MiningThursday 07/12/202391066Artificial IntelligenceToChoose Any One of the Following				New Fro	om Oct-2023
NO. CODE X 91075 Data Base Management System Tuesday 28/11/2023  Choose Any One of the Following XI 91063 Stochastic Processes			Part II :- SemIII		
X 91075 Data Base Management System Tuesday 28/11/2023  Choose Any One of the Following  XI 91063 Stochastic Processes Tuesday 05/12/2023  91064 Functional Data Analysis  Choose Any One of the Following  XII 91065 Data Mining Thursday 07/12/2023  91066 Artificial Intelligence To  Choose Any One of the Following  XIII 91067 Time Series Analysis Saturday 09/12/2023  91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis Tuesday  Tuesday	<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Morning
28/11/2023	NO.	CODE		DATE	S
XI 91063 Stochastic Processes  91064 Functional Data Analysis  Choose Any One of the Following  XII 91065 Data Mining  91066 Artificial Intelligence  Choose Any One of the Following  XIII 91067 Time Series Analysis  91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis  Tuesday  05/12/2023  10:30 A.M  07/12/2023  01:30 P.M.  01:30 P.M.  To  To  To  To  To  To  To  To  To  T	X	91075	Data Base Management System		
Solution   Choose Any One of the Following   Thursday   07/12/2023     10:30 A.M	Choose An	y One of the l	Following		
91064   Functional Data Analysis	XI	91063	Stochastic Processes	2	
XII 91065 Data Mining Thursday 07/12/2023  91066 Artificial Intelligence To  Choose Any One of the Following  XIII 91067 Time Series Analysis Saturday 09/12/2023  91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis Tuesday		91064	Functional Data Analysis	00/12/2025	
State Willing   O7/12/2023   O7/12/2023   To	Choose An	y One of the l	Following		
91066   Artificial Intelligence   To	XII	91065	Data Mining	J	10:30 A.M
XIII 91067 Time Series Analysis Saturday 09/12/2023 91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis Tuesday		91066	Artificial Intelligence		То
7111 91007 Time Series Analysis Saturday 09/12/2023 91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis Tuesday	Choose An	y One of the l	Following		
91068 Statistical Ecology  Choose Any One of the Following  XIV 91060 Multivariate Analysis Tuesday	XIII	91067	Time Series Analysis		01:30 P.M.
XIV 91060 Multivariate Analysis Tuesday		91068	Statistical Ecology	03/12/2023	
Tuesday	Choose An	y One of the l	Following		
	XIV	91060	Multivariate Analysis	Tuesday	
		91061	Bayesian Inference	2	

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

		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
X	85296	Data Base Management System	Tuesday 28/11/2023	
Choose Any	y One of the l	Following		
XI	85300	Stochastic Processes	Tuesday 05/12/2023	
	85301	Functional Data Analysis		
Choose Any	y One of the l	Following		
XII	85302	Data Mining	Thursday 07/12/2023	10:30 A.M. To
	85303	Artificial Intelligence		
Choose Any	y One of the l	Following		
XIII	85304	Time Series Analysis	Saturday 09/12/2023	01:30 P.M.
	85305	Statistical Ecology	5 )	
Choose Any	y One of the l	Following		
XIV	85297	Multivariate Analysis	Tuesday	
	85298	Bayesian Inference	12/12/2023	

(Course Code -2341)

Branch C	ode -APPLII	ED STATISTICS & INFORMATIC	S (C.B.C.S.) From N	March-2023
		Part II :- SemIV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	86594	Generalized Linear Models	Tuesday 28/11/2023	
Choose A	ny One of th	ne Following	•	
XVII	86599	Survival Analysis	Tuesday 05/12/2023	
	86600	Actuarial statistics	03/12/2023	02:30 P.M.
Choose A	ny One of th	ne Following		
XVIII	86602	Biostatistics	Thursday 07/12/2023	To
	86601	Econometrics	07/12/2023	05:30 P.M.
Choose A	ny One of th	ne Following	·	
XIX	86595	Python for Data Science	Saturday 09/12/2023	
Choose A	ny One of th	ne Following	•	
XX	86605	Spatial data analysis	Tuesday	
	86604	Statistical quality control	12/12/2023	

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

			From	April-2021
		Part II :- SemIV		_
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XVI	82941	Generalized Linear Models	Tuesday 28/11/2023	
Choose A	ny One of the	e Following		
XVII	82942	Survival Analysis	Tuesday 05/12/2023	
	83042	Actuarial statistics	03/12/2023	02:30 P.M.
Choose A	ny One of the	e Following		
XVIII	83238	Biostatistics	Thursday 07/12/2023	То
	82946	Econometrics	07/12/2023	05:30 P.M.
Choose A	ny One of the	e Following	<u>.</u>	
XIX	82939	Python for Data Science	Saturday 09/12/2023	
Choose A	ny One of the	e Following	<b>-</b>	
XX	83045	Spatial data analysis	Tuesday	
	82943	Statistical quality control	12/12/2023	

M.Sc. Environmental Science [NEP]

(Course Code -2353)

Branch (	Branch Code- ENVIRONMENTAL SCIENCE [ NEP]			n Oct 2023
		Part II :- SemIII		
<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	C
X	91004	Natural Resources Management and	Tuesday	
		Sustainability	28/11/2023	02:30 P.M.
XI	91006	Environmental Laws, Environmental	Thursday	02.301.11.
		Management System and Life Cycle	30/11/2023	То
		Assessment		
XII	91007	Environmental Toxicology	Friday	05:30 P.M.
			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- ENV	TRONMENTAL SCIENCE (C.B.C.S.)	from Oct 20	22
		Part II :- SemIII		
<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	
X	85355	Natural Resources and their	Tuesday	
		Conservation	28/11/2023	02:30 P.M.
XI	85356	Environmental Statistics and Computer	Thursday	02.301.11.
		Applications	30/11/2023	To
XII	85357	Environmental Policy and Legislation	Wednesday	
			29/11/2023	05:30 P.M.
XIII	85358	Environmental Toxicology and Public	Friday	
		Health	01/12/2023	

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

(Course Code -2341)

Branch Co	Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			rch-2023
		Part II :- SemIV		
<b>PAPER</b>	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	
XIII	86670	Socio- Economic Aspects of	Tuesday	
		Environment	28/11/2023	10:30 A.M.
XIV	86671	Environmental Hazards and Disaster	Wednesday	10.50 71.11.
		Management	29/11/2023	To
XV	86672	Environmental Planning and	Thursday	10
		Management	30/11/2023	01:30 P.M.
XVI	86673	Environmental Biotechnology	Friday	01.301.141.
			01/12/2023	

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

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

#### M.Sc. Medical Information Management [ NEP]

(Course Code -2353)

Branch Co	de- Medica	From Oct	t2023		
	Part II :- SemIII				
PAPER	PAPER	PAPER NAM[	DAY &	Evening	
NO.	CODE		DATE	C	
IX	90941	Clinical Data Management-II	Tuesday		
			28/11/2023	02:30 P.M.	
X	90942	Clinical Quality Management-II	Thursday	02.301.111.	
			30/11/2023	To	
XI	90943	Project Management and Project	Saturday		
		Presentation	02/12/2023	05:30 P.M.	
Choose A	Choose Any One of the Following Papers				
XII	90944	Module to Deepen Knowledge Clinical	04/12/2023		
		Research, Biostatistics, Epidemiology.			
	90945	Next Generation Sequencing			

#### M.Sc. Medical Information Management [ C.B.C.S.]

(Course Code -2341)

Branch Co	de- Medica	From Oct	2022	
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	86550	Clinical Data Management-II	Tuesday 28/11/2023	02:30 P.M.
X	86551	Clinical Quality Management-II	Thursday 30/11/2023	To
XI	86552	Project Management and Project Presentation	Saturday 02/12/2023	05:30 P.M.
XII	86553	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	Monday 04/12/2023	

## M.Sc. Food Science & Technology [ NEP]

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

Branch Code- FOOD SCIENCE & TECHNOLOGY ( C.B.C.S.) From Oct-2022					
		Part II :- SemIII			
PAPER	PAPER	PAPER NAME	DAY & DATE	Morning	
NO.	CODE			G	
IX	85359	Technology of Meat, Fish and	Tuesday		
		Poultry Products	28-11-2023	10:30 A.M.	
X	85360	Technology of Milk and Milk	Thursday	10.30 A.W.	
		Products	30-11-2023	To	
XI	85361	Food Quality and Safety	Saturday		
		Management	02-12-2023	01:30 P.M.	
XII	85362	Food Additives, Contaminants	Monday	01.551.101.	
		and Toxicology	04-12-2023		

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

(Course Code -2341)

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)			) Fro	m March-2023
		Part II :- SemIV		
<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	_
XIII	86678	Food Packaging	Wednesday 29-11-2023	02:30 P.M.
XIV	86679	Technology of Oilseeds & Fats	Friday 01-12-2023	To
XV	86680	Food Biotechnology	Tuesday 05-12-2023	05:30 P.M.
XVI	86681	Post-Harvest Technology of Plantation Crops	Thursday 07-12-2023	30.00 1.1.1.

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

Branch Cod	Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.) From April-2021					
		Part II :- SemIV				
PAPER	PAPER	PAPER NAME	DAY &	Evening		
NO.	CODE		DATE			
XIII	82952	Food Packaging	Wednesday 29-11-2023	02:30 P.M.		
XIV	82949	Technology of Oilseeds & Fats	Friday 01-12-2023	02.30 F.M.		
XV	82950	Food Biotechnology	Tuesday 05-12-2023	05:30 P.M.		
XVI	82951	Post-Harvest Technology of Plantation Crops	Thursday 07-12-2023	33.33.3 2 12.21		

#### M.Sc. Alcohol Technology [ NEP]

(Course Code -2353)

Branch	Code - Alcol	hol Technology (CBCS.)	(From O	ct-2023)
		Part II – Sem III		
<b>PAPER</b>	PAPER	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	S
IX	90972	Alcohol Technology-III	Monday	
			20/11/2023	02:30 P.M.
X	90973	Industrial Microbiology	Thursday	02.30 P.IVI.
			30/11/2023	То
XI	90974	Chemical Engineering	Saturday	10
			02-12-2023	05:30 P.M.
Paper	Paper No.	05.501.101.		
No. XII	90975	Industrial Waste Water Treatment		
	90976	Pollution :Prevention and Control	Tuesday	
	90977	Sugar Technology	28/11/2023	

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

(Course Code -2341)

Branch	Code - Alco	hol Technology (C.B.C.S.)	(From	Oct-2022)	
		Part II – Sem III			
PAPER	PAPER	PAPER NAME	DAY &	Evening	
NO.	CODE		DATE		
IX	85279	Alcohol Technology-III	Monday		
			20/11/2023	02:30 P.M.	
X	85280	Industrial Microbiology	Thursday	02.30 P.IVI.	
			30/11/2023	To	
XI	85278	Chemical Engineering	Saturday	10	
			02-12-2023	05:30 P.M.	
Paper No.	Paper No. XII :- Choose Any One of the Following Papers				
	85283	Industrial Waste Water Treatment	Tuesday		
	85281	Pollution Prevention and Control	28/11/2023		
	85282	Sugar Technology			

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

Branch	Code - Alco	ohol Technology (C.B.C.S.)	(From M	arch-2023)
		Part II – SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	_
XIII	90485	Alcohol Technology-IV	Tuesday	
			21/11/2023	10:30 A.M.
XIV	90486	Alcohol Technology-V	Friday	10.30 A.W.
			01/12/2023	То
XV	90487	Industrial Fermentation-II	Saturday	10
			25/11/2023	
Paper	Paper No.	IV:- Choose Any One of the Followi	ng Papers	01:30 P.M
No. XVI	90488	General Engineering		
	90489	Business management & Marketing	Wednesday 29/11/2023	
	90490	Energy conversion and co generation	2)/11/2023	

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

(Course Code -205)

Branch	Code - Alco	ohol Technology (C.B.C.S.)	(From N	[arch-2022]
		Part II – Sem IV		
PAPER	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	_
XIII	85101	Alcohol Technology-IV	Tuesday	
			21/11/2023	10:30 A.M.
XIV	85102	Alcohol Technology-V	Friday	10.30 A.W.
			01/12/2023	То
XV	85103	Industrial Fermentation-II	Saturday	10
			25/11/2023	
Paper	Paper No.	IV:- Choose Any One of the Followi	ng Papers	01:30 P.M
No. XVI	85104	General Engineering	Wednesday	
	85105	Business management & Marketing	29/11/2023	
	85106	Energy conversion and co generation		

#### M.Sc. Sugar Technology [ NEP]

(Course Code -2353)

Branc	ch Code - Sug	ar Technology [NEP]		(From Oct-2023)
		Part II – SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	
IX	90988	Equipments & Capacity	Monday	
		Calculation I & II (ECC)	20/11/2023	02:30 P.M.
X	90989	Allied Sugar Manufacturing	Thursday	02.301.11.
			30/11/2023	То
XI	90990	Chemical Engineering-Heat &	Saturday	
		Material Transfer(CEHMT)	02-12-2023	05:30 P.M.
Paper	Paper No. XI	I :- Choose Any One of the Following	Papers	05.501.11.
No.XII	90991	Alcohol Technology	Tuesday	
		(ALCOTECH)	28/11/2023	
	90992	Bio-Chemical Engineering (BCE)		
	90993	Electronics and Instrument		
		Engineering (EIE)		

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

Branc	ch Code - S	ugar Technology (C.B.C.S.)	(From	Oct-2022)
		Part II - Sem III		
PAPER	PAPER	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	
IX	85456	Equipments Capacity	Monday	
		Calculation(ECC)	20/11/2023	02:30 P.M.
X	85457	Allied sugar manufacturing	Thursday	02.30 1 .11.
			30/11/2023	To
XI	85458	Chemical Engineering-Heat &	Saturday	10
		Material Transfer(CEHMT)	02-12-2023	05:30 P.M.
Paper	Paper No.	XII :- Choose Any One of the Following	Papers	03.301.11.
No.XII	85459	Alcohol Technology		
		(ALCOTECH)	Tuesday	
	85461	Bio-Chemical Engineering (BCE)	28/11/2023	
	85460	Electronics and Instrument		
		Engineering (EIE)		

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

(Course Code -2341)

Branc	ch Code - Su	gar Technology (C.B.C.S.)	(From-Mar	ch-2023)
		Part II – Sem. IV		
<b>PAPER</b>	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	_
XIII	90471	Advance Sugar Technology and	Tuesday	
		Engineering	21/11/2023	10:30 A.M.
XIV	90472	Allied Co Product Manufacturing	Friday	10.30 A.W.
			01/12/2023	To
XV	90473	Chemical Engineering	Saturday	10
			25/11/2023	
Paper	Paper No.	IV:- Choose Any One of the Followin	g Papers	01:30 P.M
No.	90476	Energy Conversion and Co-	Wednesday	
XVI		generation	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)

Branc	ch Code - Su	gar Technology (C.B.C.S.)	(From-Marcl	n-2022)
		Part II - Sem IV		
PAPER	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	
XIII	85095	Advance Sugar Technology and	Tuesday	
		Engineering	21/11/2023	10:30 A.M.
XIV	85094	Allied Co Product Manufacturing	Friday	10.30 A.W.
		-	01/12/2023	То
XV	95096	Chemical Engineering	Saturday	10
			25/11/2023	
Paper	Choose Ar	ny One of the Following Papers	•	01:30 P.M
No.	85097	Energy Conversion and Co-generation	Wednesday	
XVI	85098	Pollution Presentation and Control	29/11/2023	
	85099	Water Management and Zero Discharge		

## M.Sc. Food Science and Nutrition ([ NEP]

[Course code 2353]

Branch C	Branch Code:- M.Sc. Food Science and Nutrition ([ NEP]			n Oct - 2023
		Part - II, Sem III		
Paper No	Subject Code	Paper Name	Day & Date	Evening
IX	90930	Research Methodology & Biostatistics	Tuesday 28/11/2023	02.20 D.M
X	90931	Processing of Milk and Milk Products	Thursday 30/11/2023	02:30 P.M.
XI	90932	Food Additives, Contaminants and Toxicology	Saturday 02/12/2023	To 05:30 P.M
XII	90933	Clinical Nutrition	Monday 04/12/2023	03.30 P.M

#### M.Sc. Food Science and Nutrition (CBCS)

[Course code 2341]

Branch Code:- M.Sc. Food Science an		.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	10-20 A M
X	86327	Processing of Milk and Milk Products	Thursday 30/11/2023	10:30 A.M.
XI	86328	Food Additives, Contaminants and Toxicology	Saturday 02/12/2023	To 01:30 P.M
XII	86329	Clinical Nutrition	Monday 04/12/2023	01.30 P.WI

#### M.Sc. Food Science and Nutrition (CBCS)

[Course code 2341]

Wise. I our science and Nutrition (CDCs)			[Course code 2541]	
Branch Code:- M.Sc. Food Science and Nutrition(CBCS)		c. 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.
XIV	86332	Processing of Animal Foods	Friday 01/12/2023	То
XV	86333	Functional Foods and Nutraceuticals	Tuesday 05/12/2023	05:30 P.M.
XVI	86334	Public Health Nutrition	Wednesday 06/12/2023	

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

Branch Co	de- Embedd	led Technology ( C.B.C.S.) From	om Oct-2022	
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Morning
NO.	CODE		DATE	
IX	86336	Wireless Sensor Network	Tuesday	
			28/11/2023	10:30 A.M.
X	86337	Programming with Python	Thursday	
			30/11/2023	То
XI	86338	ARM Microcontroller and Embedded	Saturday	
		System Design	02/12/2023	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 :- SemIV		
PAPER NO.	PAPER	PAPER NAME	DAY &	Evening
	CODE		DATE	
IX	86339	Intelligent lo T System Design	Wednesday	02:30 P.M.
			29/11/2023	
X	86340	Smart Fusion Technology Based	Friday	То
		System Design	01/12/2023	
XI	86341	Artificial Intelligence & Machine	Tuesday	05:30 P.M.
		Learning	05/12/2023	

## M.Sc. Data Science [NEP]

(Course Code -2353)

		Dout II . Com. III		
PAPER NO.	PAPER CODE	Part II :- SemIII  PAPER NAME	DAY & DATE	Morning
IX	91069	Artificial Intelligence	Wednesday 29/11/2023	10:30 A.M.
X	91070	Web Technology	Friday 01/12/2023	То
XI	91071	R Programming	Tuesday 05/12/2023	01:30 P.M.
XII	91072	Data Visualization	Thursday 07/12/2023	

## M.Sc. Information Technology [NEP]

Branch Code- Information Technology [NEP]		(From Oct-2023		
	Part II :- SemIII	•		
<b>PAPER</b>	PAPER NAME	DAY & DATE	Morning	
CODE				
90955	Artificial Intelligence	Wednesday		
		29/11/2023		
90956	Image Processing	Friday	10:30 A.M.	
		01/12/2023		
90957	Advanced Python Programming	Tuesday	То	
		05/12/2023		
Choose Any One of the Following Papers				
90958	R Programming	Thursday	_	
00050	Micro Services Architecture	07/12/2023		
90939	Where Services Architecture			
90964	Cyber Security			
	PAPER CODE 90955 90956 90957 y One of the 90958 90959	Part II: - SemIII PAPER PAPER NAME CODE 90955 Artificial Intelligence 90956 Image Processing 90957 Advanced Python Programming y One of the Following Papers 90958 R Programming 90959 Micro Services Architecture	Part II :- SemIII  PAPER CODE  90955 Artificial Intelligence Wednesday 29/11/2023  90956 Image Processing Friday 01/12/2023  90957 Advanced Python Programming Tuesday 05/12/2023  y One of the Following Papers  90958 R Programming Thursday 07/12/2023  90959 Micro Services Architecture	

M.A./M.Sc. Geography [ NEP]

(Course code-4464)

Branch Code - GEOGRAPHY [ NEP]		OGRAPHY [ NEP]	(From Oct-2023	
		Part II - Sem III		
PAPER	PAPER	PAPER NAME	DAY & DATE	Morning
NO.	CODE			
IV	91520	Applied Climatology and Climate	Wednesday	
		Change	29/11/2023	10:30 A.M.
X	91521	Fundamentals of Remote Sensing and	Friday	
		Digital Image Processing	01/12/2023	То
Choose A	01.00.7.1			
XI	91522	Geography of Environment	Tuesday 05/12/2023	01:30 P.M.
	91523	Biogeography	03/12/2023	
Choose A				
XII	91524	Settlement Geography	Thursday	]
	91525	Geography of India	07/12/2023	
	91526	Political Geography		

M.A./M.Sc. Geography [C.B.C.S.]

(Course code-New 412)

www.sc. Geography [c.b.c.s.]			(Course code riew 412)		
Branch Code - GEOGRAPHY (C.B.C.S.)			(From Oct-2022		
Part II – SemIII					
PAPER	PAPER	PAPER NAME	DAY & DATE	Morning	
NO.	CODE				
V	86194	Geohydrology and Oceanography	Wednesday		
			29/11/2023		
VI	86195	Fundamentals of Remote Sensing and	Friday		
		Digital Image Processing	01/12/2023	10:30 A.M.	
Choose A	Choose Any One of the Following Papers				
VII	86198	Geography of Environment	Tuesday	То	
·			05/12/2023		
	86199	Biogeography	03/12/2023	01:30 P.M.	
Choose A	ny One of t	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 April2023	
		Part II :- SemIV		
<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	Evening
IX	86205	Development of Modern Geographical	Wednesday	
		Thought	29/11/2023	
X	86206	Regional Planning and Development	Friday	00 00 0 1 5
			01/12/2023	02:30 P.M.
	Cho	ose Any One Of The Following Papers		Tr.
XI	86210	Fundamentals and Application of GIS	Tuesday	То
		and GPS	05/12/2023	05 20 D M
	86211	Fundamental of Soil Geography		05:30 P.M.
XII	86212	Geography of Health and Nutrition	Thursday	
	86213	Tourism Geography	07/12/2023	
	86214	Agricultural Geography		

#### M.A./M.Sc. Geography [C.B.C.S.] New

(Course code-412)

Branch Code- Geography (C.B.C.S.)			From April2021	
		Part II :- SemIV		
<b>PAPER</b>	<b>PAPER</b>	PAPER NAME	DAY &	Evening
NO.	CODE		DATE	Evening
IX	82982	Development of Modern	Wednesday	
		Geographical Thought	29/11/2023	
X	82983	Regional Planning and Development	Friday	
			01/12/2023	
	02:30 P.M.			
XI	82984	Fundamentals and Application of GIS	Tuesday	То
		and GPS	05/12/2023	10
	82985	Fundamental of Soil Geography		05:30 P.M.
	03.30 F.IVI.			
XII	82986	A griguitural Caa graphy	Thursday	
All	82980	Agricultural Geography	Thursday	
	82987	Tourism Geography	07/12/2023	
	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 :-27 Oct-2023 Sd/Dr. Ajitsinh. N. Jadhav
DIRECTOR
BOARD OF EXAMINATIONS AND EVALUATION