



SHIVAJI UNIVERSITY KOLHAPUR

Circular No. (182) Summer Session Offline Exam of March/April-2023 to be held in June-2023.

Final Programme of the M.Sc. Part-I (Sem.- I & II) NEP-2020 Course Code-2353 & M.Sc. Part-I & II (Sem. -I to Sem.- IV) CBCS Corse code- 2341 & 205 Physics, Statistics, Applied Statistics & Informatics, Environmental Science, Food Science & Technology, Food Science and Nutrition, Alochol Technology & Sugar Technology, Medical Information & Management, Embedded Technology, Information Technology , Data Science, Mathematics.

M.A/M.Sc. Geography Part-I (Sem.- I & II) NEP-2020 Course Code-4464 & M.A/M.Sc. Geography (Sem. -I to Sem.- IV) CBCS Corse code- 412 & new course code-412.

M.Sc. Tech. (Industrial Mathematics with Computer Application) Part-I (Sem.- I & II) [NEP-2020] Course Code-2355 & course code 252 M.Sc. Tech. Part-I & III (Sem.- I to V) Examination March/April-2023 to be held in June-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		Department of Physics, Shivaji University Kolhapur
2	M.Sc. Mathematics M.Sc. Tech. (Industrial Mathematics with Computer Application)		Department of Mathematics, Shivaji University Kolhapur
3	M..Sc. Statistics M..Sc. Applied Statistics and Informatics	264	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		Department of Geography, Shivaji University Kolhapur
7	M.Sc. Medical Information & Management		Department of Biochemistry Shivaji University Kolhapur
8	M.A./M.Sc. Mathematics	197	Department of Distance Education, Kolhapur
9	M.Sc. Physics, M.A./M.Sc. Mathematics	01	Vivekanand College, Kolhapur
10	M.A./M.Sc. Mathematics	50	Yashawantrao Chavan Warna Mahavidyalaya, WARNANAGAR
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	Willington College, SANGLI
18	M.Sc. Physics	94	Raje Ramrao Mahavidyalaya, JATH
19	M.A./M. Sc. Geography, M. Sc Statistics	92	Padm. Bhushan Dr. Vasantraodada Patil Mahavidyalaya, TASGAON
20	M.A./M. Sc. Geography M.Sc. Physics	84	Miraj Mahavidyalaya, Miraj
21	M.Sc. Physics	86	Balwant College. Vita Tal-Khanapur Dist-Sangli
22	M.A./M. Sc. Geography, Industrial Microbiology, M. Sc.. Statistics, M.A./M. Sc.. Mathematics,	156	Sadguru Gadage Maharaj College, KARAD
23	M.A./M. Sc. Geography	153	Mahila Mahavidyalaya, KARAD
24	M.A./M.Sc. Geography	259	Chhatrapati Shivaji College, SATARA
25	M.sc Physics, Statistics, M.A./M.Sc.. Mathematics	149	Yashwantrao Chavan Institute of Science, SATARA.
26	M.A./M.Sc. Geography	173	Raja Shripatrao Bhagawantrao Mahavidyalaya, AUNDH
27	M.A./M.Sc. Geography	162	D.P. Bhosale College ,Koregaon., KOREGAON
28	M. Sc .Statistics	32	Rajarshi Chhatrapati Shahu College, Kadamwadi Road, KOLHAPUR
29	M.A./M. Sc. Geography	145	Lal Bahadur Shastri College of Arts, Science and Commerce, 17, Malhar Peth, SATARA-415 002
30	M.A./M. Sc. Geography	157	Venutai Chavan College, Vidyanagar, Tal-Karad, Dist-Satara KARAD-415 124

M.Sc. PHYSICS [NEP-2020]

(Course Code -2353)

Branch Code- PHYSICS (NEP-2020)				From Oct--2022	
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
I	87859	Mathematical Physics	12-06-2023 Monday	10.30 am To 01.30 pm	
II	87860	Classical Mechanics	14-06-2023 Wednesday		
III	87861	Quantum Mechanics-I	16-06-2023 Friday		
IV	87862	Condensed Matter Physics	19-06-2023 Monday		

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

(Course Code -2341)

Branch Code- PHYSICS (C.B.C.S.)				From Oct--2019	
Part I :- Sem.-I					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
I	83502	Mathematical Physics	12-06-2023 Monday	10.30 am To 01.30 pm	
II	83503	Classical Mechanics	14-06-2023 Wednesday		
III	83504	Quantum Mechanics-I	16-06-2023 Friday		
IV	83505	Condensed Matter Physics	19-06-2023 Monday		

M.Sc. PHYSICS[C.B.C.S.]**(Course Code- 205)**

Branch Code- PHYSICS (C.B.C.S.)				From Oct--2018
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	74934	Mathematical Physics	12-06-2023 Monday	10.30 am To 01.30 pm
II	74935	Classical Mechanics	14-06-2023 Wednesday	
III	74936	Quantum Mechanics-I	16-06-2023 Friday	
IV	74937	Condensed Matter Physics	19-06-2023 Monday	

M.Sc. PHYSICS[C.B.C.S.] [NEP-2020]**(Course Code -2353)**

Branch Code- PHYSICS (C.B.C.S.) [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	90182	Quantum Mechanics-II	13-06-2023 Tuesday	02.30 pm To 05.30 pm
VI	90183	Statistical Mechanics	15-06-2023 Thursday	
VII	90184	Electrodynamics	17-06-2023 Saturday	
VIII	90185	Atomic & Molecular Physics	20-06-2023 Tuesday	

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

Branch Code- PHYSICS (C.B.C.S.)				From March--2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	84605	Quantum Mechanics-II	13-06-2023 Tuesday	02.30 pm To 05.30 pm
VI	84606	Statistical Mechanics	15-06-2023 Thursday	
VII	84607	Electrodynamics	17-06-2023 Saturday	
VIII	84608	Atomic & Molecular Physics	20-06-2023 Tuesday	

M.Sc. PHYSICS[C.B.C.S.]**(Course Code -205)**

Branch Code- PHYSICS (C.B.C.S.)				From March--2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	79543	Quantum Mechanics-II	13-06-2023 Tuesday	02.30 pm To 05.30 pm
VI	79544	Statistical Mechanics	15-06-2023 Thursday	
VII	79545	Electrodynamics	17-06-2023 Saturday	
VIII	79546	Atomic & Molecular Physics	20-06-2023 Tuesday	

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	13-06-2023 Tuesday	10.30 am To 01.30 pm
Choose Any One Of The Following Paper				10.30 am To 01.30 pm
X	85441	Data Analysis and Statistical Software(DASF)	15-06-2023 Thursday	
	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				10.30 am To 01.30 pm
XI	85429	The New Energy Technologies(TNET)	17-06-2023 Saturday	
	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				20-06-2023 Tuesday
XII	85435	Solar Thermal Devices (STD)		
	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.)			From Oct-2020	
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	80820	Nuclear and Particle Physics	13-06-2023 Tuesday	10.30 am To 01.30 pm
Choose Any One Of The Following Paper				10.30 am To 01.30 pm
X	81116	Data Analysis and Statistical Software(DASF)	15-06-2023 Thursday	
	81117	Numerical Computing Using MATLAB(NCU)		
	81118	Computational Programming using Mathematical (CP)		
	81236	Thin Film Deposition Technology(TFDT)		
Choose Any One Of The Following Paper				10.30 am To 01.30 pm
XI	81092	The New Energy Technologies(TNET)	17-06-2023 Saturday	
	81093	Imperfection in Crystals(IIC)		
	81096	Thin Solid Films : Deposition And Properties(TSFDAP)		
	81097	Fundamentals of Plasma Physics (FOPP)		
	81094	Laser Physics(LP)		
	81095	Stellar Evolution : Birth Evolution and Death of the stars(SEBDS)		
Choose Any One Of The Following Paper				10.30 am To 01.30 pm
XII	81098	Solar Thermal Devices (STD)	20-06-2023 Tuesday	
	81099	Properties Of Materials (POM)		
	81101	Astrophysics of the Sun (AOTS)		
	81102	Semi Conductor Physics(SP)		
	81103	Introduction to General Relativity-I		
	81100	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	Evening
IX	86736	Experimental Techniques	12-06-2023 Monday	02.30 pm To 05.30 pm
Choose Any One of The Following Subject				02.30 pm To 05.30 pm
X	86748	Numerical Methods And Programming	14-06-2023 Wednesday	
	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	16-06-2023 Friday	02.30 pm To 05.30 pm
	86738	Molecular Spectroscopy		
	86739	Magnetospheric Plasma Dynamics		
	86740	Physical Properties of Solids		02.30 pm To 05.30 pm
	86751	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
	86752	Special Materials		
Choose Any One of The Following Subject				
XII	86741	Energy Conversion Devices	19-06-2023 Monday	05.30 pm
	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	Evening	
IX	83111	Experimental Techniques	12-06-2023 Monday	02.30 pm To 05.30 pm	
Choose Any One of The Following Subject					
X	83221	Numerical Methods And Programming	14-06-2023 Wednesday	02.30 pm To 05.30 pm	
	83223	Energy Conversion and Storage Devices			
	83224	MATI AB Programming and Applications			
Choose Any One of The Following Subject					
XI	83080	Renewable Energy Resources	16-06-2023 Friday	02.30 pm To 05.30 pm	
	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	19-06-2023 Monday	02.30 pm To 05.30 pm	
	83087	Nanostructured Materials			
	83088	Holography and Its Applications			
	83089	Ionospheric and Space Weather			
	83090	Semiconductor Devices			
	83091	Introduction to Quantum Field Theory			

Branch Code- Statistics [NEP-2020]				From Oct--2022	
		Part I :- Sem.-I			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
I	87863	Real Analysis	Monday 19-06-2023	02:30 P.M. To 05:30 P.M	
II	87864	Linear Algebra	Wednesday 21-06-2023		
III	87865	Distribution Theory	Tuesday 27-06-2023		
IV	87866	Estimation Theory	Friday 30-06-2023		
V	87867	Statistical Computing	Monday 03-07-2023		

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

Branch Code- Statistics [CBCS]				From Oct--2021
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83438	Real Analysis	Monday 19-06-2023	02:30 P.M. To 05:30 P.M
II	83439	Linear Algebra	Wednesday 21-06-2023	
III	83440	Distribution Theory	Tuesday 27-06-2023	
IV	83441	Estimation Theory	Friday 30-06-2023	
V	83442	Statistical Computing	Monday 03-07-2023	

M.Sc. Statistics [C.B.C.S.]**(Course Code- 205)**

Branch Code- Statistics [CBCS]				From Oct--2018
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	74907	Real Analysis	Monday 19-06-2023	02:30 P.M. To 05:30 P.M
II	74908	Linear Algebra	Wednesday 21-06-2023	
III	74909	Distribution Theory	Tuesday 27-06-2023	
IV	74910	Estimation Theory	Friday 30-06-2023	
V	74911	Statistical Computing	Monday 03-07-2023	

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

Branch Code – STATISTICS(C.B.C.S.) [NEP-2020]				From March--2023
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
VI	90189	Probability Theory	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M.
VII	90190	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VIII	90191	Linear Models and Regression Analysis	Monday 26-06-2023	
IX	90192	Design and Analysis of Experiments	Thursday 29-06-2021	
X	90193	Sampling Theory and Official Statistics	Saturday 01-07-2023	

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

(Course Code- 2341)

Branch Code – STATISTICS(C.B.C.S.)		From April-2022		
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
VI	84612	Probability Theory	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M.
VII	84613	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VIII	84614	Linear Models and Regression Analysis	Monday 26-06-2023	
IX	84615	Design and Analysis of Experiments	Thursday 29-06-2021	
X	84616	Sampling Theory and Official Statistics	Saturday 01-07-2023	

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

(Course Code- 205)

Branch Code – STATISTICS(C.B.C.S.)		From April-2019		
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
VI	74913	Probability Theory	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M.
VII	74914	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VIII	74915	Linear Models and Regression Analysis	Monday 26-06-2023	
IX	74916	Design and Analysis of Experiments	Thursday 29-06-2021	
X	74917	Sampling Theory and Official Statistics	Saturday 01-07-2023	

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	Monday 12-06-2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XII	85449	Stochastic Processes	Wednesday 14-06-2023	
	85450	Functional Data Analysis		
Choose Any One of the Following				
XIII	85451	Data Mining	Saturday 17-06-2023	
	85452	Artificial Intelligence		
Choose Any One of the Following				
XIV	85453	Time Series Analysis	Monday 19-06-2023	
	85454	Statistical Ecology		
Choose Any One of the Following				
XV	85446	Multivariate Analysis	Wednesday 21-06-2023	
	85447	Bayesian Inference		

Branch Code - STATISTICS (C.B.C.S.)				From Oct-2019	
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XI	80980	Asymptotic Inference	Monday 12-06-2023	10:30 A.M. To 01:30 P.M.	
Choose Any One of the Following					
XII	80983	Stochastic Processes	Wednesday 14-06-2023		
	80984	Functional Data Analysis			
Choose Any One of the Following					
XIII	80985	Data Mining	Saturday 17-06-2023		
	80986	Artificial Intelligence			
Choose Any One of the Following					
XIV	80987	Time Series Analysis	Monday 19-06-2023		
	80988	Statistical Ecology			
Choose Any One of the Following					
XV	80981	Multivariate Analysis	Wednesday 21-06-2023		
	80982	Bayesian Inference			

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 13-06-2023	10:30 A.M. To 01:30 P.M.	
Choose Any One of the Following					
XVII	86771	Survival Analysis	Thursday 15-06-2023		
	86772	Actuarial statistics			
Choose Any One of the Following					
XVIII	86773	Biostatistics	Friday 16-06-2023		
	86774	Econometrics			
Choose Any One of the Following					
XIX	86777	Optimization techniques	Tuesday 20-06-2023		
	86778	Circular Data analysis			
Choose Any One of the Following					
XX	86775	Spatial data analysis	Thursday 22-06-2023		
	86776	Statistical quality control			

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

(Course Code -205)

Branch Code - STATISTICS (C.B.C.S.)				From April-2020
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
XVI	83040	Generalized Linear Models	Tuesday 13-06-2023	10:30 A.M. To 01:30 P.M.
Choose Any One of the Following				
XVII	83041	Survival Analysis	Thursday 15-06-2023	
	83042	Actuarial statistics		
Choose Any One of the Following				
XVIII	83043	Biostatistics	Friday 16-06-2023	
	83044	Econometrics		
Choose Any One of the Following				
XIX	83039	Optimization techniques	Tuesday 20-06-2023	
	83175	Circular Data analysis		
Choose Any One of the Following				
XX	83045	Spatial data analysis	Thursday 22-06-2023	
	83046	Statistical quality control		

M.Sc. Applied Statistics & Informatics [NEP-2020]

(Course Code -2353)

Branch Code- Applied Statistics & Informatics [NEP-2020]				From Oct--2022
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87777	Fundamentals of Computer Programming	Monday 19-06-2023	02:30 P.M. To 05:30 P.M
II	87778	Linear Algebra	Wednesday 21-06-2023	
III	87779	Distribution Theory	Tuesday 27-06-2023	
IV	87780	Estimation Theory	Friday, 30-06-2023	
V	87781	Statistical Computing	Monday 03-07-2023	

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

(Course Code- 2341)

Branch Code- Applied Statistics & Informatics (C.B.C.S.)				From Oct--2021
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83404	Fundamentals of Computer Programming	Monday 19-06-2023	02:30 P.M. To 05:30 P.M
II	83405	Linear Algebra	Wednesday 21-06-2023	
III	83406	Distribution Theory	Tuesday 27-06-2023	
IV	83407	Estimation Theory	Friday 30-06-2023	
V	83408	Statistical Computing	Monday 03-07-2023	

M.Sc. Applied Statistics & Informatics [C.B.C.S.]**(Course Code -205)**

Branch Code- Applied Statistics & Informatics (C.B.C.S.)				From Oct--2018
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	74974	Fundamentals of Computer Programming	Monday 19-06-2023	02:30 P.M. To 05:30 P.M
II	74975	Linear Algebra	Wednesday 21-06-2023	
III	74976	Distribution Theory	Tuesday 27-06-2023	
IV	74977	Estimation Theory	Friday 30-06-2023	
V	74978	Statistical Computing	Monday 03-07-2023	

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

Branch Code - APPLIED STATISTICS &INFORMATICS (C.B.C.S.) [NEP-2020]				
From March--2023				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	90086	Advanced Data Structure with C++	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M
VI	90087	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VII	90088	Linear Models and Regression Analysis	Monday, 26-06-2023	
VIII	90089	Design and Analysis of Experiments	Thursday 29-06-2021	
IX	90090	Sampling Theory and Official Statistics	Saturday 01-07-2023	

M.Sc. Applied Statistics & Informatics [C.B.C.S.] (Course Code- 2341)

Branch Code - APPLIED STATISTICS &INFORMATICS (C.B.C.S.) New From April-2022				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	84521	Advanced Data Structure with C++	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M
VI	84522	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VII	84523	Linear Models and Regression Analysis	Monday 26-06-2023	
VIII	84524	Design and Analysis of Experiments	Thursday 29-06-2021	
IX	84525	Sampling Theory and Official Statistics	Saturday 01-07-2023	

Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)				
New From April-2019				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	79516	Advanced Data Structure with C++	Tuesday 20-06-2023	02:30 P.M. To 05:30 P.M
VI	79517	Theory of Testing of Hypothesis	Thursday 22-06-2023	
VII	79518	Linear Models and Regression Analysis	Monday 26-06-2023	
VIII	79519	Design and Analysis of Experiments	Thursday 29-06-2021	
IX	79520	Sampling Theory and Official Statistics	Saturday 01-07-2023	

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	Monday 12-06-2023	10:30 A.M. To 01:30 P.M	
Choose Any One of the Following					
XI	85300	Stochastic Processes	Wednesday 14-06-2023		
	85301	Functional Data Analysis			
Choose Any One of the Following					
XII	85302	Data Mining	Saturday 17-06-2023		
	85303	Artificial Intelligence			
Choose Any One of the Following					
XIII	85304	Time Series Analysis	Monday 19-06-2023		
	85305	Statistical Ecology			
Choose Any One of the Following					
XIV	85297	Multivariate Analysis	Wednesday 21-06-2023		
	85298	Bayesian Inference			

Branch Code - APPLIED STATISTICS& INFORMATICS (C.B.C.S.)					
New From Oct-2020					
Part II :- Sem.-III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
X	80591	Data Base Management System	Monday 12-06-2023	10:30 A.M. To 01:30 P.M	
Choose Any One of the Following					
XI	80594	Stochastic Processes	Wednesday 14-06-2023		
	80595	Functional Data Analysis			
Choose Any One of the Following					
XII	80596	Data Mining	Saturday 17-06-2023		
	80597	Artificial Intelligence			
Choose Any One of the Following					
XIII	80598	Time Series Analysis	Monday 19-06-2023		
	80599	Statistical Ecology			
Choose Any One of the Following					
XIV	80592	Multivariate Analysis	Wednesday 21-06-2023		
	80593	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	Morning	
XVI	86594	Generalized Linear Models	Tuesday 13-06-2023	10:30 A.M. To 01:30 P.M	
Choose Any One of the Following					
XVII	86599	Survival Analysis	Thursday 15-06-2023		
	86600	Actuarial statistics			
Choose Any One of the Following					
XVIII	86602	Biostatistics	Friday 16-06-2023		
	86601	Econometrics			
Choose Any One of the Following					
XIX	86595	Python for Data Science	Tuesday 20-06-2023		
Choose Any One of the Following					
XX	86603	Spatial data analysis	Thursday 22-06-2023		
	86604	Statistical quality control			

M.Sc. Applied Statistics & Informatics [C.B.C.S.] (Course Code -205)

Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)					
From April-2021					
Part II :- Sem.-IV					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XVI	82941	Generalized Linear Models	Tuesday 13-06-2023	10:30 A.M. To 01:30 P.M	
Choose Any One of the Following					
XVII	82942	Survival Analysis	Thursday 15-06-2023		
	83042	Actuarial statistics			
Choose Any One of the Following					
XVIII	83238	Biostatistics	Friday 16-06-2023		
	82946	Econometrics			
Choose Any One of the Following					
XIX	82939	Python for Data Science	Tuesday 20-06-2023		
Choose Any One of the Following					
XX	83045	Spatial data analysis	Thursday 22-06-2023		
	82943	Statistical quality control			

M.Sc. Environmental Science [NEP-2020]

(Course Code -2353)

Branch Code- Environmental Science [NEP-2020]				From Oct-2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87810	Global Environmental Issues	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87811	Environmental Chemistry and Instrumentation Techniques	17-06-2023 Saturday	
III	87812	Environmental Geosciences, GIS and Remote Sensing	19-06-2023 Monday	
IV	87813	Environmental Chemistry, Ecology and Biodiversity	20-06-2023 Tuesday	

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

(Course Code- 2341)

Branch Code- Environmental Science (C.B.C.S.)				From Oct-2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83449	Introduction To Environmental Science	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	83450	Environmental Chemistry	17-06-2023 Saturday	
III	83451	Environmental Biology	19-06-2023 Monday	
IV	83452	Information Technology In Environmental Sciences	20-06-2023 Tuesday	

M.Sc. Environmental Science [C.B.C.S.]**(Course Code -205)**

Branch Code- Environmental Science (C.B.C.S.)				From Oct-2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	74901	Introduction To Environmental Science	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	74902	Environmental Chemistry	17-06-2023 Saturday	
III	74903	Environmental Biology	19-06-2023 Monday	
IV	74904	Information Technology In Environmental Sciences	20-06-2023 Tuesday	

M.Sc. Environmental Science [NEP-2020]**(Course Code -2353)**

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.) [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90132	Air and Noise Pollution with its Control	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	90133	Water Pollution and its Control	17-06-2023 Saturday	
VII	90134	Solid and Hazardous Waste Management	19-06-2023 Monday	
VIII	90135	Energy studies	20-06-2023 Tuesday	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)				March- 2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	84564	Environmental Engineering	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	84565	Environmental Pollution and control	17-06-2023 Saturday	
VII	84566	Environmental Geosciences and Climatology	19-06-2023 Monday	
VIII	84567	Energy studies	20-06-2023 Tuesday	

M.Sc. Environmental Science (C.B.C.S.)**(Course Code- 205)**

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)				March- 2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	79477	Environmental Engineering	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	79478	Environmental Pollution and control	17-06-2023 Saturday	
VII	79479	Environmental Geosciences and Climatology	19-06-2023 Monday	
VIII	79480	Energy studies	20-06-2023 Tuesday	

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	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
XI	85356	Environmental Statistics and Computer Applications	13-06-2023 Tuesday	
XII	85357	Environmental Policy and Legislation	14-06-2023 Wednesday	
XIII	85358	Environmental Toxicology and Public Health	15-06-2023 Thursday	

M.Sc. Environmental Science (C.B.C.S.)**(Course Code -205)**

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)		from Oct 2020		
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
X	80582	Natural Resources and their Conservation	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
XI	80583	Environmental Statistics and Computer Applications	13-06-2023 Tuesday	
XII	80584	Environmental Policy and Legislation	14-06-2023 Wednesday	
XIII	80585	Environmental Toxicology and Public Health	15-06-2023 Thursday	

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	86671	Environmental Hazards and Disaster Management	13-06-2023 Tuesday	
XV	86672	Environmental Planning and Management	14-06-2023 Wednesday	
XVI	86673	Environmental Biotechnology	15-06-2023 Thursday	

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	83051	Environmental Hazards and Disaster Management	13-06-2023 Tuesday	
XV	83052	Environmental Planning and Management	14-06-2023 Wednesday	
XVI	83053	Environmental Biotechnology	15-06-2023 Thursday	

Branch Code- Medical Information Management [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87845	Information Technology in Health Sciences	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87846	Introduction to Biological Sciences	17-06-2023 Saturday	
III	87847	Medical Informatics	19-06-2023 Monday	
IV	87848	German Language –A1	20-06-2023 Tuesday	

M.Sc. Medical Information Management

(Course Code- 2341)

Branch Code- Medical Information Management				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83486	Information Technology in Health Sciences	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	83487	Introduction to Biological Sciences	17-06-2023 Saturday	
III	83488	Medical Informatics	19-06-2023 Monday	
IV	83489	German Language –A1	20-06-2023 Tuesday	

M.Sc. Medical Information Management

(Course Code -205)

Branch Code- Medical Information Management				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	79007	Information Technology in Health Sciences	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	79008	Introduction to Biological Sciences	17-06-2023 Saturday	
III	79009	Medical Informatics	19-06-2023 Monday	
IV	79010	German Language –A1	20-06-2023 Tuesday	

M.Sc. Medical Information Management [NEP-2020]**(Course Code -2353)**

Branch Code- Medical Information Management (C.B.C.S. [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90176	Research Methods and Statistics	10-07-2023 Monday	10:30 A.M. To 01:30 P.M.
VI	90177	Clinical Data and Quality Management	12-07-2023 Wednesday	
VII	90178	Clinical Quality Management	14-07-2023 Friday	
VIII	90179	Clinical Data Management	17-07-2023 Monday	

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

Branch Code- Medical Information Management (C.B.C.S.)				From April-2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	84599	Research Methods and Statistics	10-07-2023 Monday	10:30 A.M. To 01:30 P.M.
VI	84600	Clinical Data and Quality Management	12-07-2023 Wednesday	
VII	84601	Clinical Quality Management	14-07-2023 Friday	
VIII	84602	Clinical Data Management	17-07-2023 Monday	

M.Sc. Medical Information Management**(Course Code- 205)**

Branch Code- Medical Information Management (C.B.C.S.)				From April-2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	80827	Research Methods and Statistics	10-07-2023 Monday	10:30 A.M. To 01:30 P.M.
VI	80828	Clinical Data and Quality Management	12-07-2023 Wednesday	
VII	80829	Clinical Quality Management	14-07-2023 Friday	
VIII	80830	Clinical Data Management	17-07-2023 Monday	

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	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	86551	Clinical Quality Management-II	13-06-2023 Tuesday	
XI	86552	Project Management and Project Presentation	14-06-2023 Wednesday	
XII	86553	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	15-06-2023 Thursday	

M.Sc. Medical Information Management [C.B.C.S.]**(Course Code -205)**

Branch Code- Medical Information Management (C.B.C.S.)				From Oct--2020
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	81112	Clinical Data Management-II	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	81113	Clinical Quality Management-II	13-06-2023 Tuesday	
XI	81114	Project Management and Project Presentation	14-06-2023 Wednesday	
XII	81115	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	15-06-2023 Thursday	

M.Sc. Food Science & Technology [NEP-2020]**(Course Code -2353)**

Branch Code- Food Science & Technology [NEP-2020]				From Oct-2022
		Part I :- Sem.-I		
PAPER No.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87818	Principles Of Food Processing & Preservation	21-06-2023 Wednesday	02:30 P.M. To 05:30 P.M.
II	87819	Food Microbiology	23-06-2023 Friday	
III	87820	Food Chemistry	26-06-2023 Monday	
IV	87821	Biochemistry And Nutrition	29-06-2023 Thursday	

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

Branch Code- Food Science & Technology (C.B.C.S.)				From Oct-2019
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83454	Principles Of Food Processing & Preservation	21-06-2023 Wednesday	02:30 P.M. To 05:30 P.M.
II	83455	Food Microbiology	23-06-2023 Friday	
III	83456	Food Chemistry	26-06-2023 Monday	
IV	83457	Biochemistry And Nutrition	29-06-2023 Friday	

M.Sc. Food Science & Technology [C.B.C.S.]				(Course Code- 205)
Branch Code- Food Science & Technology (C.B.C.S.)				From Oct-2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	74919	Principles Of Food Processing & Preservation	21-06-2023 Wednesday	02:30 P.M. To 05:30 P.M.
II	74920	Food Microbiology	23-06-2023 Friday	
III	74921	Food Chemistry	26-06-2023 Monday	
IV	74922	Biochemistry And Nutrition	29-06-2023 Friday	

M.Sc. Food Science & Technology [C.B.C.S.] [NEP-2020] (Course Code -2353)

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.) [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY &DATE	Morning
VI	90145	Principles of Food Engineering	20-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
VII	90146	Cereal and Legume Technology	22-06-2023 Thursday	
V	90147	Fruit and Vegetable Technology	24-06-2023 Saturday	
VIII	90148	Fermentation Technology	26-06-2023 Monday	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From April-2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY &DATE	Morning
VI	85081	Principles of Food Engineering	20-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
VII	85082	Cereal and Legume Technology	22-06-2023 Thursday	
V	85083	Fruit and Vegetable Technology	24-06-2023 Saturday	
VIII	85084	Fermentation Technology	26-06-2023 Monday	

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From April-2020
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	79372	Principles of Food Engineering	20-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
VII	79373	Cereal and Legume Technology	22-06-2023 Thursday	
V	79374	Fruit and Vegetable Technology	24-06-2023 Saturday	
VIII	79375	Fermentation Technology	26-06-2023 Monday	

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	13-06-2023 Tuesday	02:30 P.M. To 05:30 P.M.
X	85360	Technology of Milk and Milk Products	15-06-2023 Thursday	
XI	85361	Food Quality and Safety Management	17-06-2023 Saturday	
XII	85362	Food Additives, Contaminants and Toxicology	20-06-2023 Monday	

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

(Course Code -205)

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From Oct-2020
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	80990	Technology of Meat, Fish and Poultry Products	13-06-2023 Tuesday	02:30 P.M. To 05:30 P.M.
X	80991	Technology of Milk and Milk Products	15-06-2023 Thursday	
XI	80993	Food Quality and Safety Management	17-06-2023 Saturday	
XII	80992	Food Additives, Contaminants and Toxicology	20-06-2023 Monday	

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	86679	Technology of Oilseeds & Fats	14-06-2023 Wednesday	
XV	86680	Food Biotechnology	16-06-2023 Friday	
XVI	86681	Post-Harvest Technology of Plantation Crops	19-06-2023 Monday	

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	Morning
XIII	82952	Food Packaging	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	82949	Technology of Oilseeds & Fats	14-06-2023 Wednesday	
XV	82950	Food Biotechnology	16-06-2023 Friday	
XVI	82951	Post-Harvest Technology of Plantation Crops	19-06-2023 Monday	

M.Sc. Alcohol Technology [NEP-2020]**(Course Code -2353)**

Branch Code- Alcohol Technology [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87767	Alcohol Technology - I	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87768	Microbiology	17-06-2023 Saturday	
III	87769	Bio-Chemistry	19-06-2023 Monday	
IV	87770	Applied Chemistry	20-06-2023 Tuesday	

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

Branch Code- Alcohol Technology (C.B.C.S.)				From Oct--2020
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83397	Alcohol Technology - I	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	83398	Microbiology	17-06-2023 Saturday	
III	83395	Bio-Chemistry	19-06-2023 Monday	
IV	83396	Applied Chemistry	20-06-2023 Tuesday	

M.Sc. Alcohol Technology [C.B.C.S.]**(Course Code -205)**

Branch Code- Alcohol Technology (C.B.C.S.)				From Oct--2020
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	81082	Alcohol Technology - I	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	81083	Microbiology	17-06-2023 Saturday	
III	81084	Bio-Chemistry	19-06-2023 Monday	
IV	81085	Applied Chemistry	20-06-2023 Tuesday	

M.Sc. Alcohol Technology [C.B.C.S.] [NEP-2020]**(Course Code -2353)**

Branch Code - Alcohol Technology (C.B.C.S.) [NEP-2020]				From March--2023
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90068	Alcohol Technology-II	17-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VI	90069	Applied Microbiology	19-06-2023 Monday	
VII	90070	Industrial Fermentation-I	16-06-2023 Friday	
VIII	90071	Applied Process Instrumentation	20-06-2023 Tuesday	

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

Branch Code - Alcohol Technology (C.B.C.S.)				(From April-2022)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	84502	Industrial Fermentation	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	84503	Alcohol Technology-II	17-06-2023 Saturday	
VII	84504	Applied Microbiology	19-06-2023 Monday	
VIII	84505	Applied Process Instrumentation	20-06-2023 Tuesday	

M.Sc. Alcohol Technology [C.B.C.S.]**(Course Code -205)**

Branch Code - Alcohol Technology (C.B.C.S.)				(From April-2021)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	82915	Industrial Fermentation	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	82916	Alcohol Technology-II	17-06-2023 Saturday	
VII	82914	Applied Microbiology	19-06-2023 Monday	
VIII	82917	Applied Process Instrumentation	20-06-2023 Tuesday	

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	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	85280	Industrial Microbiology	13-06-2023 Tuesday	
XI	85278	Chemical Engineering	14-06-2023 Wednesday	
Paper No. XII	Paper No. XII :- Choose Any One of the Following Papers		15-06-2023 Thursday	
	85283	Industrial Waste Water Treatment		
	85281	Pollution Prevention and Control		
	85282	Sugar Technology		

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

Branch Code - Alcohol Technology (C.B.C.S.)				(From Oct-2021)
Part II - Sem III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	83795	Alcohol Technology-III	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	83796	Industrial Microbiology	13-06-2023 Tuesday	
XI	83797	Chemical Engineering	14-06-2023 Wednesday	
Paper No. XII	Paper No. XII :- Choose Any One of the Following Papers		15-06-2023 Thursday	
	83798	Industrial Waste Water Treatment		
	83799	Pollution Prevention and Control		
	83800	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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.	
XIV	90486	Alcohol Technology-V	13-06-2023 Tuesday		
XV	90487	Industrial Fermentation-II	14-06-2023 Wednesday		
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers				
	90488	General Engineering	15-06-2023 Thursday		
	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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.	
XIV	85102	Alcohol Technology-V	13-06-2023 Tuesday		
XV	85103	Industrial Fermentation-II	14-06-2023 Wednesday		
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers				
	85104	General Engineering	15-06-2023 Thursday		
	85105	Business management & Marketing			
85106	Energy conversion and co generation				

M.Sc. Sugar Technology [NEP-2020]**(Course Code -2353)**

Branch Code- Sugar Technology [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87868	Sugar Cane Agriculture	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87869	Sugar Processing-Clarification & Evaporation	17-06-2023 Saturday	
III	87870	Sugar Engineering-Milling	19-06-2023 Monday	
IV	87871	Chemical Control	20-06-2023 Tuesday	

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

Branch Code- Sugar Technology (C.B.C.S.)				From Oct--2020
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	83508	Sugar Cane Agriculture	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	83509	Sugar Processing-Clarification & Evaporation	17-06-2023 Saturday	
III	83510	Sugar Engineering-Milling	19-06-2023 Monday	
IV	83511	Chemical Control	20-06-2023 Tuesday	

M.Sc. Sugar Technology [C.B.C.S.]**(Course Code- 205)**

Branch Code- Sugar Technology (C.B.C.S.)				From Oct--2020
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	81087	Sugar Cane Agriculture	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	81088	Sugar Processing-Clarification & Evaporation	17-06-2023 Saturday	
III	81089	Sugar Engineering-Milling	19-06-2023 Monday	
IV	81090	Chemical Control	20-06-2023 Tuesday	

M.Sc. Sugar Technology [NEP-2020]**(Course Code -2353)**

Branch Code - Sugar Technology (C.B.C.S.) [NEP-2020]				From March-2023
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90198	Sugar Chemistry(SUCHEM)	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	90199	Sugar Processing-Crystalization & Finishing	17-06-2023 Saturday	
VII	90200	Sugar Engineering-Steam & Power Generation(SEEPPG)	19-06-2023 Monday	
VIII	90201	Equipment Design and Drawing(EDD)	20-06-2023 Tuesday	

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

Branch Code - Sugar Technology (C.B.C.S.)				(From April-2022)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	84621	Sugar Chemistry(SUCHEM)	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	84622	Sugar Processing-Crystalization & Finishing	17-06-2023 Saturday	
VII	84623	Sugar Engineering-Steam & Power Generation(SEEPPG)	19-06-2023 Monday	
VIII	84624	Equipment Design and Drawing(EDD)	20-06-2023 Tuesday	

M.Sc. Sugar Technology (C.B.C.S.)**(Course Code- 205)**

Branch Code - Sugar Technology (C.B.C.S.)		(From April-2021)		
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
V	82907	Sugar Chemistry(SUCHEM)	16-06-2023 Friday	10.30 am To 01.30 pm
VI	82908	Sugar Processing-Crystalization & Finishing	17-06-2023 Saturday	
VII	82909	Sugar Engineering-Steam & Power Generation(SEEPPG)	19-06-2023 Monday	
VIII	82910	Equipment Design and Drawing(EDD)	20-06-2023 Tuesday	

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)	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	85457	Allied sugar manufacturing	13-06-2023 Tuesday	
XI	85458	Chemical Engineering-Heat & Material Transfer(CEHMT)	14-06-2023 Wednesday	
Paper No.XII	Paper No. XII :- Choose Any One of the Following Papers		15-06-2023 Thursday	
	85459	Alcohol Technology (ALCOTECH)		
	85461	Bio-Chemical Engineering (BCE)		
	85460	Electronics and Instrument Engineering (EIE)		

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

Branch Code - Sugar Technology (C.B.C.S.)		(From Oct-2021)		
Part II - Sem III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
IX	83802	Equipments Capacity Calculation(ECC)	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	83803	Allied sugar manufacturing	13-06-2023 Tuesday	
XI	83804	Chemical Engineering-Heat & Material Transfer(CEHMT)	14-06-2023 Wednesday	
Paper No.XII	Paper No. XII :- Choose Any One of the Following Papers		15-06-2023 Thursday	
	83805	Alcohol Technology(ALCOTECH)		
	83806	Bio-Chemical Engineering(BCE)		
	83807	Electronics and Instrument Engineering(EIE)		

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	90472	Allied Co Product Manufacturing	13-06-2023 Tuesday	
XV	90473	Chemical Engineering	14-06-2023 Wednesday	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	90476	Energy Conversion and Co-generation	15-06-2023 Thursday	
	90477	Pollution Prevention and Control		
	90478	Water Management and Zero Discharge		

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
XIV	85094	Allied Co Product Manufacturing	13-06-2023 Tuesday	
XV	95096	Chemical Engineering	14-06-2023 Wednesday	
Paper No. XVI	Paper No. IV :- Choose Any One of the Following Papers			
	85097	Energy Conversion and Co-generation	15-06-2023 Thursday	
	85098	Pollution Prevention and Control		
	85099	Water Management and Zero Discharge		

Branch Code:- M.Sc. Food Science and Nutrition			From Oct - 2022	
Part - I, Sem- I				
Paper No	Subject Code	Paper Name	Day & Date	Evening
I	87814	Human Physiology	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87815	Food Preservation Techniques	19-06-2023 Monday	
III	87816	Advances in Food Chemistry	21-06-2023 Wednesday	
IV	87817	Nutrition Through Life Cycle	23-06-2023 Friday	

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

Branch Code:- M.Sc. Food Science and Nutrition (C.B.C.S)		From Oct - 2021		
		Part - I, Sem- I		
Paper No	Subject Code	Paper Name	Day & Date	Evening
I	87846	Human Physiology	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87847	Food Preservation Techniques	19-06-2023 Monday	
III	87848	Advances in Food Chemistry	21-06-2023 Wednesday	
IV	87849	Nutrition Through Life Cycle	23-06-2023 Friday	

M.Sc. Food Science and Nutrition (NEP 2020)**[Course code 2353]**

Branch Code:- M.Sc. Food Science and Nutrition		From March - 2023		
		Part - I, Sem- II		
Paper No	Subject Code	Paper Name	Day & Date	Evening
V	90140	Advances in Food Microbiology	17-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VI	90141	Food Preservation Techniques	20-06-2023 Tuesday	
VII	90142	Advances in Food Chemistry	22-06-2023 Thursday	
VIII	90143	Nutrition Through Life Cycle	24-06-2023 Saturday	

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

Branch Code:- M.Sc. Food Science and Nutrition(CBCS)		From March - 2022		
		Part - I, Sem- II		
Paper No	Subject Code	Paper Name	Day & Date	Evening
V	83851	Advances in Food Microbiology	17-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VI	83852	Food Preservation Techniques	20-06-2023 Tuesday	
VII	83853	Advances in Food Chemistry	22-06-2023 Thursday	
VIII	83854	Nutrition Through Life Cycle	24-06-2023 Saturday	

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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
X	86327	Processing of Milk and Milk Products	14-06-2023 Wednesday	
XI	86328	Food Additives, Contaminants and Toxicology	16-06-2023 Friday	
XII	86329	Clinical Nutrition	19-06-2023 Monday	

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	13-06-2023 Tuesday	02:30 P.M. To 05:30 P.M
XIV	86332	Processing of Animal Foods	15-06-2023 Thursday	
XV	86333	Functional Foods and Nutraceuticals	17-06-2023 Saturday	
XVI	86334	Public Health Nutrition	20-06-2023 Tuesday	

M.Sc. Embedded Technology [NEP-2020]**(Course Code -2353)**

Branch Code- Embedded Technology [NEP-2020]		From Oct--2022		
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87800	Fundamental of Embedded System Design	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87801	CMOS Analog Circuit Design	17-06-2023 Saturday	
III	87802	Advanced Digital Design with Verilog HDL	19-06-2023 Monday	
IV	87803	Advanced Microcontroller Based Embedded system Design	20-06-2023 Tuesday	

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

Branch Code- Embedded Technology (C.B.C.S.)		From Oct--2021		
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	84174	Fundamental of Embedded System Design	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	84175	CMOS Analog Circuit Design	17-06-2023 Saturday	
III	84176	Advanced Digital Design with Verilog HDL	19-06-2023 Monday	
IV	84177	Advanced Microcontroller Based Embedded system Design	20-06-2023 Tuesday	

Branch Code- Embedded Technology (C.B.C.S.) [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90126	Real Time Operating System	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	90127	Mixed Signal Based PSoC Design	17-06-2023 Saturday	
VII	90128	Embedded System Design with	19-06-2023 Monday	
VIII	90129	Device Drivers and Embedded System	20-06-2023 Tuesday	

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

(Course code-2341)

Branch Code- Embedded Technology (C.B.C.S.)				From March--2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	85088	Real Time Operating System	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	85089	Mixed Signal Based PSoC Design	17-06-2023 Saturday	
VII	85090	Embedded System Design with	19-06-2023 Monday	
VIII	85091	Device Drivers and Embedded System	20-06-2023 Tuesday	

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	Evening
IX	86336	Wireless Sensor Network	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
X	86337	Programming with Python	13-06-2023 Tuesday	
XI	86338	ARM Microcontroller and Embedded System Design	14-06-2023 Wednesday	

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	Morning
IX	86339	Intelligent IoT System Design	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.
X	86340	Smart Fusion Technology Based System Design	13-06-2023 Tuesday	
XI	86341	Artificial Intelligence & Machine Learning	14-06-2023 Wednesday	

M.Sc. Data Science [NEP-2020]

(Course code-2353)

Branch Code- Data Science [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	88401	Basic Statistics for Data Science	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	88402	Feature Engineering-1	17-06-2023 Saturday	
III	88403	Data Structure using Python	19-06-2023 Monday	
IV	88404	Introduction to Database Management System	20-06-2023 Tuesday	

M.Sc. Data Science [NEP-2020]

(Course code-2353)

Branch Code- Data Science [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	88406	Advanced Statistics for Data Science	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	88407	Feature Engineering	17-06-2023 Saturday	
VII	88408	Machine Learning	19-06-2023 Monday	
VIII	88409	Design and Analysis of Algorithm	20-06-2023 Tuesday	

M.Sc. Information Technology [NEP-2020]

(Course code-2353)

Branch Code- Information Technology [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	87854	Research Computing	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	87855	Advance Web Technology	17-06-2023 Saturday	
III	87856	Cloud Computing	19-06-2023 Monday	
Choose Any One Of The Following Paper				
IV	89075	Soft Computing Techniques	20-06-2023 Tuesday	
	89074	Advanced Database Management System		
	89076	Machine Learning Processing		

M.Sc. Information Technology [NEP-2020]**(Course code-2353)**

Branch Code- Information Technology [NEP-2020]				From March--2023
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	90515	Data Science	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	90516	Advance Java Technology	17-06-2023 Saturday	
VII	90517	Big Data Analytics	19-06-2023 Monday	
Choose Any One Of The Following Paper				
VIII	90518	Modern Networking	20-06-2023 Tuesday	
	90519	Natural Language Processing		
	90520	Deep Learning		

M.A/M.Sc. Geography [NEP-2020]**(Course code-4464)**

Branch Code- Geography [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	88327	Fundamentals of Geomorphology	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	88328	Principles of Climatology	17-06-2023 Saturday	
III	88329	Economic Geography	19-06-2023 Monday	
IV	88330	Geography of Population and Human Resource Development	20-06-2023 Tuesday	

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

Branch Code- Geography (C.B.C.S.)				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	84073	Fundamentals of Geomorphology	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	84074	Principles of Climatology	17-06-2023 Saturday	
III	84075	Economic Geography	19-06-2023 Monday	
IV	84076	Geography of Population and Human Resource Development	20-06-2023 Tuesday	

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

Branch Code- Geography (C.B.C.S.)				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	74960	Fundamentals of Geomorphology	16-06-2023 Friday	02:30 P.M. To 05:30 P.M.
II	74961	Principles of Climatology	17-06-2023 Saturday	
III	74962	Economic Geography	19-06-2023 Monday	
IV	74963	Geography of Population and Human Resource Development	20-06-2023 Tuesday	

M.A./M.Sc. Geography [NEP-2020]**(Course code-4464)**

Branch Code - GEOGRAPHY (C.B.C.S.) [NEP-2020]				(From March-2023)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	88332	Development of Modern Geographical Thought	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	88333	Geohydrology and Oceanography	17-06-2023 Saturday	
VII	88334	Social and Cultural Geography	19-06-2023 Monday	
VIII	88335	Advanced Cartography and Surveying	20-06-2023 Tuesday	

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

Branch Code - GEOGRAPHY (C.B.C.S.)				(From April-2022)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
V	85108	Applied Geomorphology	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
VI	85109	Applied Climatology and Climate Change	17-06-2023 Saturday	
VII	85112	Social and Cultural Geography	19-06-2023 Monday	
VIII	85113	Advanced Cartography and Surveying	20-06-2023 Tuesday	

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

Branch Code - GEOGRAPHY (C.B.C.S.)				(From April-2020)
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	79307	Applied Geomorphology	16-06-2023 Friday	10:30 A.M. To 01:30 P.M.
II	79308	Applied Climatology and Climate Change	17-06-2023 Saturday	
III	79309	Social and Cultural Geography	19-06-2023 Monday	
IV	79536	Advanced Cartography and Surveying	20-06-2023 Tuesday	

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	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.	
VI	86195	Fundamentals of Remote Sensing and Digital Image Processing	13-06-2023 Tuesday		
Choose Any One of the Following Papers					
VII	86198	Geography of Environment	14-06-2023 Wednesday		
	86199	Biogeography			
Choose Any One of the Following Papers					
VIII	86201	Settlement Geography	15-06-2023 Thursday		
	86202	Geography of India			
	86203	Political Geography			

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

Branch Code - GEOGRAPHY (C.B.C.S.)		(From Oct-2020)			
Part II - Sem III					
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
V	81148	Geohydrology and Oceanography	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.	
VI	81149	Fundamentals of Remote Sensing and Digital Image Processing	13-06-2023 Tuesday		
Choose Any One of the Following Papers					
VII	81150	Geography of Environment	14-06-2023 Wednesday		
	81151	Biogeography			
Choose Any One of the Following Papers					
VIII	81152	Settlement Geography	15-06-2023 Thursday		
	81153	Geography of India			
	81154	Political 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	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.	
X	86206	Regional Planning and Development	13-06-2023 Tuesday		
Choose Any One Of The Following Papers					
XI	86210	Fundamentals and Application of GIS and GPS	14-06-2023 Wednesday		
	86211	Fundamental of Soil Geography			
Choose Any One Of The Following Papers					
XII	86212	Geography of Health and Nutrition	15-06-2023 Thursday		
	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	Morning	
IX	82982	Development of Modern Geographical Thought	12-06-2023 Monday	10:30 A.M. To 01:30 P.M.	
X	82983	Regional Planning and Development	13-06-2023 Tuesday		
Choose Any One Of The Following Papers					
XI	82984	Fundamentals and Application of GIS and GPS	14-06-2023 Wednesday		
	82985	Fundamental of Soil Geography			
Choose Any One Of The Following Papers					
XII	82986	Agricultural Geography	15-06-2023 Thursday		
	82987	Tourism Geography			
	82988	Geography of Health and Nutrition			

M.A./M.Sc. Mathematics [NEP-2020]

(Course Code -2353)

Branch Code- M.A/M.Sc. Mathematics [NEP-2020]			From Oct—2022]	
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE		DAY & DATE	Evening
I	87751	Advanced Calculus	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
II	87752	Linear Algebra	14-06-2023 Wednesday	
III	87753	Complex Analysis	23-06-2023 Friday	
IV	87754	Classical Mechanics	19-06-2023 Monday	
V	87755	Ordinary Differential Equations	21-06-2023 Wednesday	
Choose Any One Of The Following Paper				
VI	87756	Number Theory	16-06-2023 Friday	
	87853	Mathematical Methods		

M.A./M.Sc. Mathematics (C.B.C.S.)

(Course Code -2341)

Branch Code- M.A/M.Sc. Mathematics			From Oct—2019	
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE		DAY & DATE	Evening
I	83480	Advanced Calculus	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
II	83481	Linear Algebra	14-06-2023 Tuesday	
III	83482	Complex Analysis	23-06-2023 Friday	
IV	83483	Classical Mechanics	19-06-2023 Monday	
V	83484	Ordinary Differential Equations	21-06-2023 Wednesday	

M.A./M.Sc. Mathematics (C.B.C.S.)

(Course Code- 205)

Branch Code- M.A/M.Sc. Mathematics			From Oct—2019	
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	71415/ 59828	Advanced Calculus	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
II	71416	Linear Algebra	14-06-2023 Tuesday	
III	71417	Complex Analysis	23-06-2023 Friday	
IV	71418/ 59831	Classical Mechanics	19-06-2023 Monday	
V	71419/ 59830	Ordinary Differential Equations	21-06-2023 Wednesday	

M.A/M.Sc. Mathematics (C.B.C.S.) [NEP-2020]

(Course Code -2353)

Branch Code - M.A/M.Sc. Mathematics (C.B.C.S.) [NEP-2020]				From March-2023
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VII	87757	Real Analysis	13-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
VIII	87758	Algebra	15-06-2023 Thursday	
XIX	87759	Topology	17-06-2023 Saturday	
X	87760	Numerical Analysis	20-06-2023 Tuesday	
XI	87761	Partial Differential Equations	22-06-2023 Thursday	
Choose Any One Of The Following Paper				
XII	87762	Operations Research	24-06-2023 Saturday	
	90173	Integral Transforms		

M.A/M.Sc. Mathematics (C.B.C.S.) New)

(Course Code- 2341)

Branch Code - M.A/M.Sc. Mathematics (C.B.C.S.)				(From April-2022
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	84592	Functional Analysis	24-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VII	84593	Algebra	15-06-2023 Thursday	
VIII	84594	General Topology	17-06-2023 Saturday	
IX	84595	Numerical Analysis	20-06-2023 Tuesday	
X	84596	Partial Differential Equations	22-06-2023 Thursday	

M.A/M.Sc. Mathematics (C.B.C.S.) New)

(Course Code- 205)

Branch Code - M.A/M.Sc. Mathematics (C.B.C.S.)				(From April-2020
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	71421/ 79315/ 63303	Functional Analysis	24-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VII	71422/ 79316/ 59827	Algebra	15-06-2023 Thursday	
VIII	71423/ 79317/ 61382	General Topology	17-06-2023 Saturday	
IX	71424/ 79318/ 69566	Numerical Analysis	20-06-2023 Tuesday	
X	71425/ 79319/ 63319	Partial Differential Equations	22-06-2023 Thursday	

Branch Code - M.A/M.Sc. Mathematics (C.B.C.S.)				From March-2022																	
		Part II - Sem III																			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning																	
XI	85386	Real Analysis	13-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.																	
Any one of the following																					
XII	85387	Advanced Discrete Mathematics	01-07-2023			10:30 A.M. To 01:30 P.M.															
	85388	Topological Vector Spaces	Saturday																		
XIII, XIV & XV Any Three of the following Papers																					
	85395	Lattice Theory – I	12-06-2023					10:30 A.M. To 01:30 P.M.													
	85404	Algebraic Topology	Monday																		
	85399	Differential Geometry	17-06-2023							10:30 A.M. To 01:30 P.M.											
	85402	Space Dynamics- I	Saturday																		
	85389	Number Theory	16-06-2023									10:30 A.M. To 01:30 P.M.									
	85403	Theory of Computation	Friday																		
	85397	Dynamical Systems – I	27-06-2023											10:30 A.M. To 01:30 P.M.							
	85401	Commutative Algebra - I	Tuesday																		
	85392	Fluid Dynamics	19-06-2023													10:30 A.M. To 01:30 P.M.					
	85405	Probability and Stochastic Processes	Monday																		
	85394	General Relativity – I	30-06-2023															10:30 A.M. To 01:30 P.M.			
	85400	Combinatorics	Friday																		
	85393	Fractional Calculus	21-06-2023																	10:30 A.M. To 01:30 P.M.	
	85398	Graph Theory-I	Wednesday																		
	85391	Fuzzy Mathematics –I	23-06-2023																		
	85396	Approximation Theory	Friday																		
	85390	Operations Research – I	26-06-2023	10:30 A.M. To 01:30 P.M.																	
			Monday																		

Branch Code - M.A/M.Sc. Mathematics (C.B.C.S.)		From March-2020			
		Part II - Sem III			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning	
XI	80960	Real Analysis	13-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.	
Any one of the following					
XII	63304/79322/ 80961	Advanced Discrete Mathematics	01-07-2023 Saturday		
	80962	Topological Vector Spaces			
XIII, XIV & XV Any Three of the following Papers					
	80969	Lattice Theory – I	12-06-2023 Monday		
	80978	Algebraic Topology			
	80973	Differential Geometry	17-06-2023 Saturday		
	80976	Space Dynamics- I			
	80963/ 63307	Number Theory	16-06-2023 Thursday		
	80977	Theory of Computation			
	80971	Dynamical Systems – I	27-06-2023 Tuesday		
	80975	Commutative Algebra - I			
	80966	Fluid Dynamics	19-06-2023 Monday		
	80979	Probability and Stochastic Processes			
	80968	General Relativity – I	30-06-2023 Friday		
	80974	Combinatorics			
	80967	Fractional Calculus	21-06-2023 Wednesday		
	80972	Graph Theory-I			
	80965/ 63314	Fuzzy Mathematics –I	23-06-2023 Friday		
	80970	Approximation Theory			
	80964/ 63316	Operations Research – I	26-06-2023 Monday		

Branch Code- M.A/M.Sc. Mathematics (C.B.C.S.)		From March—2023			
		Part II :- Sem.-IV			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
	86711	Integral Equations	30-06-2023 Friday	02:30 P.M. To 05:30 P.M.	
	86712	Field Theory	03-07-2023 Monday		
Paper No. – XVIII, XIX & XX – Choose any Three of the following					
	86714	Algebraic Number Theory	29-06-2023		
	90542	Automatic Languages and computation	Thursday		
	86715	Operations Research –II	20-06-2023		
	90541	Automata Theory	Tuesday		
	86716	Fuzzy Mathematics-II	24-06-2023		
	90540	Theory of Distributions	Saturday		
	86717	Computational Fluid Dynamics	26-06-2023		
	90539	Analysis on Manifolds	Monday		
	86718	Fractional Differential Equations	17-06-2023		
	90538	Graph Theory-II	Saturday		
	86719	Wavelet Analysis	22-06-2023		
	90537	Dynamical Systems- II	Thursday		
	86720	Commutative Algebra-II	16-06-2023		
	86721	Space Dynamics-II	Friday		
	86722	Dynamics Equation on Time Scales	27-06-2023		
	90536	Lattice Theory-II	Tuesday		
	90535	General Relativity-II	12-06-2023 Monday		

Branch Code- M.A/M.Sc. Mathematics (C.B.C.S.)		From April—2020			
		Part II :- Sem.-IV			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening	
	69567/63326/ 83058	Field Theory	03-07-2023 Monday	02:30 P.M. To 05:30 P.M.	
	83057	Integral Equations	30-06-2023 Friday		
Paper No. – XVIII, XIX & XX – Choose any Three of the following					
	83059	Algebraic Number Theory	29-06-2023 Thursday		
	85481	Automatic Languages and computation			
	83060	Operations Research –II	20-06-2023 Tuesday		
	85480	Automata Theory			
	83061	Fuzzy Mathematics-II	24-06-2023 Saturday		
	85479	Theory of Distributions			
	83062	Computational Fluid Dynamics	26-06-2023 Monday		
	85478	Analysis on Manifolds			
	83063	Fractional Differential Equations	17-06-2023 Saturday		
	85477	Graph Theory-II			
	83066	Wavelet Analysis	22-06-2023 Thursday		
	85476	Dynamical Systems- II			
	85254	Advanced Algebra			
	83072	Commutative Algebra-II	16-06-2023 Friday		
	83073	Space Dynamics-II			
	83074	Dynamics Equation on Time Scales	27-06-2023 Tuesday		
	85475	Lattice Theory-II			
	85474	General Relativity-II	12-06-2023 Monday		
	85253	Introduction to Cryptology			

M.Sc. Tech. (Industrial Mathematics with Computer Application) [NEP-2020]
(Course Code- 2355)

Branch Code- M.Sc. Tech. (Industrial Mathematics with Computer Application) From Oct--2022				
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	88608	Advanced Calculus	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
III	88609	Linear Algebra	14-06-2023 Wednesday	
I	88610	Discrete Mathematical Structures-I	19-06-2023 Monday	
IV	88611	Computer Architecture	21-06-2023 Wednesday	
II	88612	Object Oriented Programming	16-06-2023 Friday	

M.Sc. Tech. Mathematics (C.B.C.S.) (Course Code- 252)

Branch Code- Tech. Mathematics (C.B.C.S.) From Oct--2018				
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
V	71453	Advanced Calculus	12-06-2023 Monday	02:30 P.M. To 05:30 P.M.
III	71454	Linear Algebra	14-06-2023 Wednesday	
I	71455	Discrete Mathematical Structures-I	19-06-2023 Monday	
IV	71456	Computer Architecture	21-06-2023 Wednesday	
II	71457	Programming in C	16-06-2023 Friday	

M.Sc. Tech. (Industrial Mathematics with Computer Application) [NEP-2020]
(Course Code- 2355)

Branch -M.Sc. Tech. (Industrial Mathematics with Computer Application) Revised From March-2023)				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	88614	Numerical Analysis	20-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
VII	88615	Algebra	15-06-2023 Thursday	
VIII	88616	Discrete Mathematical Structures-II	22-06-2023 Thursday	
IX	88617	Data Structures	23-06-2023 Friday	
X	88618	Database Management System	30-06-2023 Friday	

Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.) (Revised April-2019)				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
VI	71460	Functional Analysis	24-06-2023 Saturday	10:30 A.M. To 01:30 P.M.
VII	71461	Algebra	15-06-2023 Thursday	
VIII	71464	Operating Systems	14-06-2023 Wednesday	
IX	71463	Data Structures Using-C	16-06-2023 Friday	
X	71462	Discrete Mathematical Structures-II	12-06-2023 Monday	

M.Sc. TECH (MATHEMATICS) (C.B.C.S.)

(Course Code- 252)

Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.) (From Oct-2019)				
Part II :- Sem.-III				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
XI	74024	Complex Analysis	23-06-2023 Friday	02:30 P.M. To 05:30 P.M.
XII	74025	ODE	21-06-2023 Wednesday	
XIII	74026	DAA-I	20-06-2023 Tuesday	
V	74027	Database System	19-06-2023 Monday	
III	74028	Object Oriented Programming with C++	22-06-2023 Thursday	

M.Sc. TECH (MATHEMATICS) (C.B.C.S.)

(Course Code- 252)

Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.) From Oct-2020				
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Morning
I	79483	Real Analysis	13-06-2023 Tuesday	10:30 A.M. To 01:30 P.M.
II	79884	Operation Research	26-06-2023 Monday	
IV	79485	DAA-II	17-06-2023 Saturday	
V	79486	PHP With My SQL	27-06-2023 Tuesday	
VI	79487	Java Programming	29-06-2023 Thursday	

Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.)				From Oct-2020
Part III :- Sem.-V				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Evening
I	81119	Advanced Web Technology	29-06-2023 Thursday	02:30 P.M. To 05:30 P.M.
II	81120	Software Engineering	30-06-2023 Friday	
III	81121	Computer Networks	26-06-2023 Monday	
IV	81122	Cyber Security	27-06-2023 Tuesday	
Paper No. V- Choose any One of the following				
	81123	Compiler Techniques	16-06-2023 Friday	
	81124	Linux Operating System		
	81125	Android Programming		
	81126	Machine Learning		

Note:- In case of any Query found in respective Question Paper, student shall communicate the same through Principal / Senior Supervisor within 07 days from the date of concerned Question paper to, Deputy Registrar, Appointment Section, Room No. 205 Exam Building No. 1 Shivaji Univeristy, Kolhapur- 416004.

Sd/-

Vidyanagar,
Kolhapur – 416 004
Date :- 26 May 2023

Dr. Ajitsinh. N. Jadhav
DIRECTOR
BOARD OF EXAMINATIONS AND EVALUATION