



SHIVAJI UNIVERSITY KOLHAPUR

Circular No. 178) Winter Session Offline Exam of Oct/Nov.-2022 to be held in Feb.-2023.

Draft Programme of the M.Sc. Part-I (Sem.- I & II) NEP-2020 Course Code-2353, 2341 & 205 Physics, Mathematics, 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 Course Code-4464 & 412 M.A/M.Sc. Geography & Course Code-2355 & 252 M..Sc. Tech. (Industrial Mathematics with Computer Application) [NEP-2020] Examination Oct/Nov.-2022 to be held in Feb-2023.

INSTRUCTIONS-Common instruction as per Circular No. SU/Appointment/RVC/29

Dated 01/02/2020 and also available in University website www.unishivaji.ac.in

The Written Examination will be held at following center and Places declared:-

Sr. No	Exam	College Code	Places
1	M.sc Physics	264	Department of Physics, Shivaji University Kolhapur
2	M.Sc. Mathematics		Department of Mathematics, Shivaji University Kolhapur
3	M..Sc. Statistics M..Sc. Applied Statistics and Informatics		Department of Statistics, Shivaji University Kolhapur
4	M..Sc. Environmental Science		Department of Environmental Science, Shivaji University Kolhapur
5	M..Sc. Food Science & Technology		Department of Food Science & Technology, Shivaji University Kolhapur
6	M.A./M..Sc. Geography		Department of Geography, Shivaji University Kolhapur
7	M.Sc. Medical Information & Management		Department of Microbiology 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. Alcohol 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	Session	
I	87859	Mathematical Physics	02-02-2023 Thursday	02.30 pm To 05.30 pm	
II	87860	Classical Mechanics	04-02-2023 Saturday		
III	87861	Quantum Mechanics-I	06-02-2023 Monday		
IV	87862	Condensed Matter Physics	08-02-2023 Wednesday		

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	Session	
I	83502	Mathematical Physics	02-02-2023 Thursday	02.30 pm To 05.30 pm	
II	83503	Classical Mechanics	04-02-2023 Saturday		
III	83504	Quantum Mechanics-I	06-02-2023 Monday		
IV	83505	Condensed Matter Physics	08-02-2023 Wednesday		

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	Session
I	74934	Mathematical Physics	02-02-2023 Thursday	02.30 pm To 05.30 pm
II	74935	Classical Mechanics	04-02-2023 Saturday	
III	74936	Quantum Mechanics-I	06-02-2023 Monday	
IV	74937	Condensed Matter Physics	08-02-2023 Wednesday	

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	Session
V	84605	Quantum Mechanics-II	03-02-2023 Friday	10.30 am To 01.30 pm
VI	84606	Statistical Mechanics	07-02-2023 Tuesday	
VII	84607	Electrodynamics	09-02-2023 Thursday	
VIII	84608	Atomic & Molecular Physics	11-02-2023 Saturday	

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	Session
V	79543	Quantum Mechanics-II	03-02-2023 Friday	10.30 am To 01.30 pm
VI	79544	Statistical Mechanics	07-02-2023 Tuesday	
VII	79545	Electrodynamics	09-02-2023 Thursday	
VIII	79546	Atomic & Molecular Physics	11-02-2023 Saturday	

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

Branch Code- Statistics [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	87863	Real Analysis	02-02-2023 Thursday	10.30 am To 01.30 pm
II	87864	Linear Algebra	04-02-2023 Saturday	
III	87865	Distribution Theory	06-02-2023 Monday	
IV	87866	Estimation Theory	08-02-2023 Wednesday	
V	87867	Statistical Computing	10-02-2023 Friday	

Branch Code- Statistics (C.B.C.S.)				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	83438	Real Analysis	02-02-2023 Thursday	10.30 am To 01.30 pm
II	83439	Linear Algebra	04-02-2023 Saturday	
III	83440	Distribution Theory	06-02-2023 Monday	
IV	83441	Estimation Theory	08-02-2023 Wednesday	
V	83442	Statistical Computing	10-02-2023 Friday	

Branch Code- Statistics (C.B.C.S.)				From Oct--2018
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	74907	Real Analysis	02-02-2023 Thursday	10.30 am To 01.30 pm
II	74908	Linear Algebra	04-02-2023 Saturday	
III	74909	Distribution Theory	06-02-2023 Monday	
IV	74910	Estimation Theory	08-02-2023 Wednesday	
V	74911	Statistical Computing	10-02-2023 Friday	

Branch Code – STATISTICS(C.B.C.S.)				From April-2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
VI	84612	Probability Theory	03-02-2023 Friday	02.30 pm To 05.30 pm
VII	84613	Theory of Testing of Hypothesis	07-02-2023 Tuesday	
VIII	84614	Regression Analysis	09-02-2023 Thursday	
IX	84615	Design and Analysis of Experiments	11-02-2023 Saturday	
X	84616	Sampling Theory and Official Statistics	13-02-2023 Monday	

Branch Code – STATISTICS (C.B.C.S.)				From April-2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
VI	74913	Probability Theory	03-02-2023 Friday	02.30 pm To 05.30 pm
VII	74914	Theory of Testing of Hypothesis	07-02-2023 Tuesday	
VIII	74915	Regression Analysis	09-02-2023 Thursday	
IX	74916	Design and Analysis of Experiments	11-02-2023 Saturday	
X	74917	Sampling Theory and Official Statistics	13-02-2023 Monday	

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	Session
I	87777	Fundamentals Of Computer Programming	02-02-2023 Thursday	10.30 am To 01.30 pm
II	87778	Linear Algebra	04-02-2023 Saturday	
III	87779	Distribution Theory	06-02-2023 Monday	
IV	87780	Estimation Theory	08-02-2023 Wednesday	
V	87781	Statistical Computing	10-02-2023 Friday	

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

(Course Code- 2341)

Branch Code- Applied Statistics & Informatics (C.B.C.S.)				From Oct--2019
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	83404	Fundamentals Of Computer Programming	02-02-2023 Thursday	10.30 am To 01.30 pm
II	83405	Linear Algebra	04-02-2023 Saturday	
III	83406	Distribution Theory	06-02-2023 Monday	
IV	83407	Estimation Theory	08-02-2023 Wednesday	
V	83408	Statistical Computing	10-02-2023 Friday	

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	Session
I	74974	Fundamentals Of Computer Programming	02-02-2023 Thursday	10.30 am To 01.30 pm
II	74975	Linear Algebra	04-02-2023 Saturday	
III	74976	Distribution Theory	06-02-2023 Monday	
IV	74977	Estimation Theory	08-02-2023 Wednesday	
V	74978	Statistical Computing	10-02-2023 Friday	

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	Session
V	84521	Advanced Data Structure with C++	03-02-2023 Friday	02.30 pm To 05.30 pm
VI	84522	Theory of Testing of Hypothesis	07-02-2023 Tuesday	
VII	84523	Regression Analysis	09-02-2023 Thursday	
VIII	84524	Design and Analysis of Experiments	11-02-2023 Saturday	
IX	84525	Sampling Theory and Official Statistics	13-02-2023 Monday	

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

Branch Code - APPLIED STATISTICS &INFORMATICS (C.B.C.S.)				New From April-2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
V	79516	Advanced Data Structure with C++	03-02-2023 Friday	02.30 pm To 05.30 pm
VI	79517	Theory of Testing of Hypothesis	07-02-2023 Tuesday	
VII	79518	Regression Analysis	09-02-2023 Thursday	
VIII	79519	Design and Analysis of Experiments	11-02-2023 Saturday	
IX	79520	Sampling Theory and Official Statistics	13-02-2023 Monday	

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	Session
I	87810	Global Environmental Issues	03-02-2023 Friday	10.30 am To 01.30 pm
II	87811	Environmental Chemistry and Instrumentation Techniques	07-02-2023 Tuesday	
III	87812	Environmental Geosciences, GIS and Remote Sensing	09-02-2023 Thursday	
IV	87813	Environmental Chemistry, Ecology and Biodiversity	11-02-2023 Saturday	

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	Session
I	83449	Introduction To Environmental Science	03-02-2023 Friday	10.30 am To 01.30 pm
II	83450	Environmental Chemistry	07-02-2023 Tuesday	
III	83451	Environmental Biology	09-02-2023 Thursday	
IV	83452	Information Technology In Environmental Sciences	11-02-2023 Saturday	

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	Session
I	74901	Introduction To Environmental Science	03-02-2023 Friday	10.30 am To 01.30 pm
II	74902	Environmental Chemistry	07-02-2023 Tuesday	
III	74903	Environmental Biology	09-02-2023 Thursday	
IV	74904	Information Technology In Environmental Sciences	11-02-2023 Saturday	

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	Session
V	84564	Environmental Engineering	02-02-2023 Thursday	02.30 pm To 05.30 pm
VI	84565	Environmental Pollution and control	04-02-2023 Saturday	
VII	84566	Environmental Geosciences and Climatology	06-02-2023 Monday	
VIII	84567	Energy studies	08-02-2023 Wednesday	

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	Session
V	79477	Environmental Engineering	02-02-2023 Thursday	02.30 pm To 05.30 pm
VI	79478	Environmental Pollution and control	04-02-2023 Saturday	
VII	79479	Environmental Geosciences and Climatology	06-02-2023 Monday	
VIII	79480	Energy studies	08-02-2023 Wednesday	

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

Branch Code- Medical Information Management [NEP-2020]			From Oct--2022	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	87845	Information Technology in Health Sciences	24-02-2023 Friday	10.30 am To 01.30 pm
II	87846	Introduction to Biological Sciences	27-02-2023 Monday	
III	87847	Medical Informatics	01-03-2023 Wednesday	
IV	87848	German Language –A1	03-03-2023 Friday	

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	Session
I	83486	Information Technology in Health Sciences	24-02-2023 Friday	10.30 am To 01.30 pm
II	83487	Introduction to Biological Sciences	27-02-2023 Monday	
III	83488	Medical Informatics	01-03-2023 Wednesday	
IV	83489	German Language –A1	03-03-2023 Friday	

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	Session
I	79007	Information Technology in Health Sciences	24-02-2023 Friday	10.30 am To 01.30 pm
II	79008	Introduction to Biological Sciences	27-02-2023 Monday	
III	79009	Medical Informatics	01-03-2023 Wednesday	
IV	79010	German Language –A1	03-03-2023 Friday	

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	Session
V	84599	Research Methods and Statistics	25-02-2023 Saturday	02.30 pm To 05.30 pm
VI	84600	Clinical Data and Quality Management	28-02-2023 Tuesday	
VII	84601	Clinical Quality Management	02-03-2023 Thursday	
VIII	84602	Clinical Data Management	04-03-2023 Saturday	

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	Session
V	80827	Research Methods and Statistics	25-02-2023 Saturday	02.30 pm To 05.30 pm
VI	80828	Clinical Data and Quality Management	28-02-2023 Tuesday	
VII	80829	Clinical Quality Management	02-03-2023 Thursday	
VIII	80830	Clinical Data Management	04-03-2023 Saturday	

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	Session
I	87818	Principles Of Food Processing & Preservation	03-02-2023 Friday	10.30 am To 01.30 pm
II	87819	Food Microbiology	07-02-2023 Tuesday	
III	87820	Food Chemistry	09-02-2023 Thursday	
IV	87821	Biochemistry And Nutrition	11-02-2023 Saturday	

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	Session
I	83454	Principles Of Food Processing & Preservation	03-02-2023 Friday	10.30 am To 01.30 pm
II	83455	Food Microbiology	07-02-2023 Tuesday	
III	83456	Food Chemistry	09-02-2023 Thursday	
IV	83457	Biochemistry And Nutrition	11-02-2023 Saturday	

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	Session
I	74919	Principles Of Food Processing & Preservation	03-02-2023 Friday	10.30 am To 01.30 pm
II	74920	Food Microbiology	07-02-2023 Tuesday	
III	74921	Food Chemistry	09-02-2023 Thursday	
IV	74922	Biochemistry And Nutrition	11-02-2023 Saturday	

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	Session
VI	85081	Principles of Food Engineering	02-02-2023 Thursday	02.30 pm To 05.30 pm
VII	85082	Cereal and Legume Technology	04-02-2023 Saturday	
V	85083	Fruit and Vegetable Technology	06-02-2023 Monday	
VIII	85084	Fermentation Technology	08-02-2023 Wednesday	

M.Sc. Food Science & Technology [C.B.C.S.] (Course Code -205)

Branch Code- FOOD SCIENCE & TECHNOLOGY (C.B.C.S.)				From April-2020
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
VI	79372	Principles of Food Engineering	02-02-2023 Thursday	02.30 pm To 05.30 pm
VII	79373	Cereal and Legume Technology	04-02-2023 Saturday	
V	79374	Fruit and Vegetable Technology	06-02-2023 Monday	
VIII	79375	Fermentation Technology	08-02-2023 Wednesday	

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	Session
I	87767	Alcohol Technology - I	03-02-2023 Friday	02.30 pm To 05.30 pm
II	87768	Microbiology	07-02-2023 Tuesday	
III	87769	Bio-Chemistry	09-02-2023 Thursday	
IV	87770	Applied Chemistry	11-02-2023 Saturday	

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	Session
I	83397	Alcohol Technology - I	03-02-2023 Friday	02.30 pm To 05.30 pm
II	83398	Microbiology	07-02-2023 Tuesday	
III	83395	Bio-Chemistry	09-02-2023 Thursday	
IV	83396	Applied Chemistry	11-02-2023 Saturday	

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	Session
I	81082	Alcohol Technology - I	03-02-2023 Friday	02.30 pm To 05.30 pm
II	81083	Microbiology	07-02-2023 Tuesday	
III	81084	Bio-Chemistry	09-02-2023 Thursday	
IV	81085	Applied Chemistry	11-02-2023 Saturday	

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	Session
V	84502	Industrial Fermentation	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	84503	Alcohol Technology-II	04-02-2023 Saturday	
VII	84504	Applied Microbiology	06-02-2023 Monday	
VIII	84505	Applied Process Instrumentation	08-02-2023 Wednesday	

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	Session
V	82915	Industrial Fermentation	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	82916	Alcohol Technology-II	04-02-2023 Saturday	
VII	82914	Applied Microbiology	06-02-2023 Monday	
VIII	82917	Applied Process Instrumentation	08-02-2023 Wednesday	

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	Session
I	87868	Sugar Cane Agriculture	03-02-2023 Friday	02.30 pm To 05.30 pm
II	87869	Sugar Processing-Clarification & Evaporation	07-02-2023 Tuesday	
III	87870	Sugar Engineering-Milling	09-02-2023 Thursday	
IV	87871	Chemical Control	11-02-2023 Saturday	

M.Sc. Sugar Technology [C.B.C.S.] New**(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	Session
I	83508	Sugar Cane Agriculture	03-02-2023 Friday	02.30 pm To 05.30 pm
II	83509	Sugar Processing-Clarification & Evaporation	07-02-2023 Tuesday	
III	83510	Sugar Engineering-Milling	09-02-2023 Thursday	
IV	83511	Chemical Control	11-02-2023 Saturday	

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	Session
I	81087	Sugar Cane Agriculture	03-02-2023 Friday	02.30 pm To 05.30 pm
II	81088	Sugar Processing-Clarification & Evaporation	07-02-2023 Tuesday	
III	81089	Sugar Engineering-Milling	09-02-2023 Thursday	
IV	81090	Chemical Control	11-02-2023 Saturday	

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	Session
V	84621	Sugar Chemistry(SUCHEM)	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	84622	Sugar Processing-Crystalization & Finishing	04-02-2023 Saturday	
VII	84623	Sugar Engineering-Steam & Power Generation(SEEPPG)	06-02-2023 Monday	
VIII	84624	Equipment Design and Drawing(EDD)	08-02-2023 Wednesday	

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)	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	82908	Sugar Processing-Crystalization & Finishing	04-02-2023 Saturday	
VII	82909	Sugar Engineering-Steam & Power Generation(SEEPPG)	06-02-2023 Monday	
VIII	82910	Equipment Design and Drawing(EDD)	08-02-2023 Wednesday	

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

Branch Code- Food Science and Nutrition [NEP-2020]				From Oct--2022
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	87814	Human Physiology	03-02-2023 Friday	02.30 pm To 05.30 pm
II	87815	Food Preservation Techniques	07-02-2023 Tuesday	
III	87816	Advance in Food Chemistry	09-02-2023 Thursday	
IV	87817	Nutrition though life cycle	11-02-2023 Saturday	

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

Branch Code- Food Science and Nutrition (C.B.C.S.)				From Oct--2021
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
I	83846	Human Physiology	03-02-2023 Friday	02.30 pm To 05.30 pm
II	83847	Food Preservation Techniques	07-02-2023 Tuesday	
III	83848	Advance in Food Chemistry	09-02-2023 Thursday	
IV	83849	Nutrition though life cycle	11-02-2023 Saturday	

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

Branch Code- Food Science and Nutrition (C.B.C.S.)				From March--2022
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
V	83851	Advance in Food Microbiology	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	83852	Processing of Cereal, Legume and Oilseeds	04-02-2023 Saturday	
VII	83853	Processing of Fruits and Vegetables	06-02-2023 Monday	
VIII	83854	Nutritional Biochemistry	08-02-2023 Wednesday	

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	Session
I	87800	Fundamental of Embedded System Design	03-02-2023 Friday	02.30 pm To 05.30 pm
II	87801	CMOS Analog Circuit Design	07-02-2023 Tuesday	
III	87802	Advanced Digital Design with Verilog HDL	09-02-2023 Thursday	
IV	87803	Advanced Microcontroller Based Embedded system Design	11-02-2023 Saturday	

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	Session
I	84174	Fundamental of Embedded System Design	03-02-2023 Friday	02.30 pm To 05.30 pm
II	84175	CMOS Analog Circuit Design	07-02-2023 Tuesday	
III	84176	Advanced Digital Design with Verilog HDL	09-02-2023 Thursday	
IV	84177	Advanced Microcontroller Based Embedded system Design	11-02-2023 Saturday	

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	Session
V	85088	Real Time Operating System	02-02-2023 Thursday	10.30 am To 01.30 pm
VI	85089	Mixed Signal Based PSoC Design	04-02-2023 Saturday	
VII	85090	Embedded System Design with	06-02-2023 Monday	
VIII	85091	Device Drivers and Embedded System	08-02-2023 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	Session
I	88401	Basic Statistics for Data Science	02-02-2023 Thursday	10.30 am To 01.30 pm
II	88402	Feature Engineering-1	04-02-2023 Saturday	
III	88403	Data Structure using Python	06-02-2023 Monday	
IV	88404	Introduction to Database Management System	08-02-2023 Wednesday	

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	Session
I	87854	Research Computing	02-02-2023 Thursday	10.30 am To 01.30 pm
II	87855	Advance Web Technology	04-02-2023 Saturday	
III	87856	Cloud Computing	06-02-2023 Monday	
Choose Any One Of The Following Paper				
IV	89075	Soft Computing Techniques	08-02-2023 Wednesday	
	89074	Advanced Database Management System		
	89076	Machine Learning Processing		

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	Session
I	87751	Advance Calculus	02-02-2023 Thursday	10.30 am To 01.30 pm
II	87752	Linear Algebra	04-02-2023 Saturday	
III	87753	Complex Analysis	06-02-2023 Monday	
IV	87754	Classical Mechanics	08-02-2023 Wednesday	
V	87755	Ordinary Differential Equations	10-02-2023 Friday	
Choose Any One Of The Following Paper				
VI	87756	Number Theory	13-02-2023 Monday	
	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	Session
I	83480	Advance Calculus	02-02-2023 Thursday	10.30 am To 01.30 pm
II	83481	Linear Algebra	04-02-2023 Saturday	
III	83482	Complex Analysis	06-02-2023 Monday	
IV	83483	Classical Mechanics	08-02-2023 Wednesday	
V	83484	Ordinary Differential Equations	10-02-2023 Friday	

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	Session
I	71415/ 59828	Advance Calculus	02-02-2023 Thursday	10.30 am To 01.30 pm
II	71416	Linear Algebra	04-02-2023 Saturday	
III	71417	Complex Analysis	06-02-2023 Monday	
IV	71418/ 59831	Classical Mechanics	08-02-2023 Wednesday	
V	71419/ 59830	Ordinary Differential Equations	10-02-2023 Friday	

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	Session
VI	84592	Functional Analysis	03-02-2023 Friday	02.30 pm To 05.30 pm
VII	84593	Algebra	07-02-2023 Tuesday	
VIII	84594	General Topology	09-02-2023 Thursday	
IX	84595	Numerical Analysis	11-02-2023 Saturday	
X	84596	Partial Differential Equations	13-02-2023 Monday	

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	Session
VI	71421/ 79315/ 63303	Functional Analysis	03-02-2023 Friday	02.30 pm To 05.30 pm
VII	71422/ 79316/ 59827	Algebra	07-02-2023 Tuesday	
VIII	71423/ 79317 61382	General Topology	09-02-2023 Thursday	
IX	71424/ 79318/ 69566	Numerical Analysis	11-02-2023 Saturday	
X	71425/ 79319/ 63319	Partial Differential Equations	13-02-2023 Monday	

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	Session
V	88608	Advanced Calculus	02-02-2023 Thursday	10.30 am To 01.30 pm
III	88609	Linear Algebra	04-02-2023 Saturday	
I	88610	Discrete Mathematical Structures-I	06-02-2023 Monday	
IV	88611	Computer Architecture	08-02-2023 Wednesday	
II	71457	Object Oriented Programming	10-02-2023 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	Session
V	71453	Advanced Calculus	02-02-2023 Thursday	10.30 am To 01.30 pm
III	71454	Linear Algebra	04-02-2023 Saturday	
I	71455	Discrete Mathematical Structures-I	06-02-2023 Monday	
IV	71456	Computer Architecture	08-02-2023 Wednesday	
II	71457	Programming in C	10-02-2023 Friday	

M.Sc. TECH (MATHEMATICS) (C.B.C.S.) New**(Course Code- 252)**

Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.) (Revised From April-2019)				
Part I :- Sem.-II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
VI	71460	Functional Analysis	03-02-2023 Friday	02.30 pm To 05.30 pm
VII	71461	Algebra	07-02-2023 Tuesday	
VIII	71464	Operating Systems	09-02-2023 Thursday	
IX	71463	Data Structures Using-C	11-02-2023 Saturday	
X	71462	Discrete Mathematical Structures-II	13-02-2023 Monday	

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	Session
I	88327	Fundamentals of Geomorphology	02-02-2023 Thursday	10.30 am To 01.30 pm
II	88328	Principles of Climatology	04-02-2023 Saturday	
III	88329	Economic Geography	06-02-2023 Monday	
IV	88330	Geography of Population and Human Resource Development	08-02-2023 Wednesday	

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	Session
I	84073	Fundamentals of Geomorphology	02-02-2023 Thursday	10.30 am To 01.30 pm
II	84074	Principles of Climatology	04-02-2023 Saturday	
III	84075	Economic Geography	06-02-2023 Monday	
IV	84076	Geography of Population and Human Resource Development	08-02-2023 Wednesday	

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	Session
I	74960	Fundamentals of Geomorphology	02-02-2023 Thursday	10.30 am To 01.30 pm
II	74961	Principles of Climatology	04-02-2023 Saturday	
III	74962	Economic Geography	06-02-2023 Monday	
IV	74963	Geography of Population and Human Resource Development	08-02-2023 Wednesday	

Branch Code - GEOGRAPHY (C.B.C.S.)		(From April-2022)		
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session
V	85108	Applied Geomorphology	03-02-2023 Friday	02.30 pm To 05.30 pm
VI	85109	Applied Climatology and Climate Change	07-02-2023 Tuesday	
VII	85112	Social and Cultural Geography	09-02-2023 Thursday	
VIII	85113	Advanced Cartography and Surveying	11-02-2023 Saturday	

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	Session
I	79307	Applied Geomorphology	03-02-2023 Friday	02.30 pm To 05.30 pm
II	79308	Applied Climatology and Climate Change	07-02-2023 Tuesday	
III	79309	Social and Cultural Geography	09-02-2023 Thursday	
IV	79536	Advanced Cartography and Surveying	11-02-2023 Saturday	

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 :- 11 Jan 2023

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