

#### SHIVAJI UNIVERSITY KOLHAPUR

Circular No.105 Summer Session Online March/April 2021 to be held in August/ September2021 Revised Final Programme of M.Sc. (Course Code 205), M.Sc.Tech. (Mathematic) Part-I Sem-II, III, IV, & V (Course Code 252) ExaminationApril-2021

**INSTRUCTIONS:**Common instruction as per CircularNo.SU/Appointment/RVC//612 dated14-07- 2021, and also available in Universitywebsite **www.unishivaji.ac.in**.

1. The Online examination schedule will be conducted in following order

Branch Co	de- PHYS	ICS ( C.B.C.S.) From Oct2019		
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74934	Mathematical Physics	29-09-2021	From
			Wednesday	12.30 p.m.
II	74935	Classical Mechanics	30-09-2021	•
			Thursday	to
III	74936	Quantum Mechanics-I	01-10-2021	01.00
			Friday	01.30 p.m.
IV	74937	Condensed Matter Physics	04-10-2021	
			Monday	

#### **M.Sc.** Physics

Branch C	Branch Code - Physics (C.B.C.S.) From April-2020				
		Part I :- SemII			
PAPER	PAPER	PAPER NAME	DAY &	Session-IV	
NO.	CODE		DATE		
V	79543	Quantum Mechanics-II	29-09-2021	From	
			Wednesday		
VI	79544	Statistical Mechanics	30-09-2021	04.30 p.m.	
			Thursday	to	
VII	79545	Electrodynamics	01-10-2021	to	
			Friday	05.30 p.m	
VIII	79546	Atomic & Molecular Physics	04-10-2021	·····	
			Monday		

M.Sc. Physics [ C.B.C.S. ]Old

Branch Co	ode - Physi	cs ( C.B.C.S.) Old	From Oc	ct-2019
	V	Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
IX	74677	Nuclear and Particle Physics	17-08-2021 Tuesday	From 12.30 p.m. to 01.30 p.m.
Cho	ose Any Or	e Of The Following Paper		
	74650	Data Analysis and Statistical Software	10.00.2021	From 12.30 p.m.
	74651	Numerical Computing Using MATLAB	18-08-2021 Wednesday	-
	74652	Computational Programming using Mathematica	Wednesday	to
	74653	Numerical Methods and Programming		01.30 p.m.
	74654	MATLAB Programming and Applications		•
	74655	Electronic Devices		
Cho	ose Any Or	e Of The Following Paper		
	74656	Energy Science-I ( The New Energy Technology)		From
	74657	Material Science-I (Imperfection in Crystals)		1
	74658	Space Science-I (Stellar Evolution :Birth, Evolution and Death of the Stars)	20-08-2021 Friday	12.30 p.m.
	74659	Solid State Physics-I (Thin Solid Films: Deposition and Properties)		to 01.30 p.m.
	74660	Theoretical Physics- I (Fundamentals of Plasma Physics)		01.50 p.m.
	75052	Modern Optics-I (Laser Physics)		
Choose Ar	y One Of 7	The Following Paper		
	74661	Energy Science-II (Solar Thermal Devices)		
	74662	Material Science-II (Properties Of Materials		From
	74663	Space Science-II (Astrophysics of the Sun )	21-08-2021	10.00
	74664	Solid State Physics-II (Semiconductor Physics)	Saturday	12.30 p.m.
	74665	Theoretical Physics- II (Introduction to General Relativity)		to
	75073	Modern Optics-II (Nonlinear Optics & Fiber Optics)		01.30 p.m.

#### M.Sc. Physics [ C.B.C.S. ]New

	•	cs ( C.B.C.S.) From Oct-2020 Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
	80820	Nuclear and Particle Physics	17-08-2021 Tuesday	From 12.30 p.m. to 01.30 p.m.
Choose Any One Of The Following Paper				From
	81116	DataAnalysisandStatisticalSoftware(DASF)		12.30 p.m.
	81117	NumericalComputingUsingMATLAB(NCU)	18-08-2021 Wednesday	to
	81118	Computational Programming using Mathematica (CP)	-	01.30 p.m.
	81236	Thin Film Deposition Technology(TFDT)		
Choose Ar	y One Of 7	The Following Paper		
	81092	The New Energy Technologies(TNET)		From
	81093	Imperfection in Crystals(IIC)		
	81096	Thin Solid Films : Deposition And	20-08-2021	12.30 p.m.
		Properties(TSFDAP)	Friday	
	81097	Fundamentals of Plasma Physics (FOPP)		to
	81094	Laser Physics(LP)		01.30 p.m.
	81095	Stellar Evolution : Birth Evolution and Death		or b.m.
		of the stars(SEBDS)		
Choose Ar	·	The Following Paper		
	81098	Solar Thermal Devices (STD)		From
	81099	Properties Of Materials (POM)	21-08-2021	10.00
	81101	Astrophysics of the Sun (AOTS)	Saturday	12.30 p.m.
	81102	Semi Conductor Physics(SP)		<b>t</b> o
	81103	Introduction to General Relativity-I		to
	81100	Nonlinear Optics and Fiber ptics(CTHND2)		01.30 p.m.

#### M.Sc. Physics [C.B.C.S.]Old

Branch Coo	le - PHYS	SICS (C.B.C.S.) From-(Ma	rch-2020)	
		Part II :- Semester IV	,	
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
Х	79340	Experimental Techniques	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m.
<b>Choose An</b>	y One of T	he Following Subject		
	68287	Modern Analytical Techniques		04.30. p.m.
	79343	Electronic Devices	18-08-2021	То
	79341	Numerical Methods And Programming	Wednesday	05.30 p.m.
	79342	MATI AB Programming and Applications		
	79515	Media And Society		
Choose An	y One of T	he Following Subject		
	79344	Renewable Energy Resources		04.30. p.m. To 05.30 p.m.
	79346	Special Materials	20-08-2021	
	79348	Molecular Spectroscopy	Friday	
	79350	Magnetospheric Plasma Dynamics		
	79352	Physical Properties of Solids		
	79354	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
Choose An	y One of T	he Following Subject	·	
	79345	Energy Conversion Devices		04.20
	79347	Nanostructured Materials	21-08-2021	04.30. p.m. To
	79349	Holography and Its Applications	Saturday	05.30 p.m.
	79351	Ionospheric and Space Weather		
	79353	Energy Conversion and Storage Devices		
	79355	Introduction to Quantum Field Theory		

#### M.Sc. Physics [C.B.C.S.] New

Branch Code - PHYSICS (C.B.C.S.) Fr			rom-(March-202	21)
		Part II :- Semester IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
Х	83111	Experimental Techniques	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m.
Choose Any	y One of T	he Following Subject		
	83221	Numerical Methods And Programming		04.30. p.m.
	83222	MATI AB Programming and Applications	18-08-2021	То
	83223	Energy Conversion and Storage Devices	Wednesday	05.30 p.m.
	83224	MATI AB Programming and Applications	_	
Choose Any	y One of T	he Following Subject		
	83080	Renewable Energy Resources		04.30. p.m.
	83081	Special Materials	20-08-2021	То
	83082	Molecular Spectroscopy	Friday	05.30 p.m.
	83083	Magnetospheric Plasma Dynamics		
	83084	Physical Properties of Solids		
	83085	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
Choose Any	y One of T	he Following Subject	·	
	83086	Energy Conversion Devices		
	83087	Nanostructured Materials	21-08-2021	
	83088	Holography and Its Applications	Saturday	04.30. p.m.
	83089	Ionospheric and Space Weather		То
	83090	Semiconductor Devices		05.30 p.m.
	83091	Introduction to Quantum Field Theory		

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

Branch Co	Branch Code- Statistics ( C.B.C.S.)		From	n Oct2019
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74907	Real Analysis	29-09-2021	
			Wednesday	
II	74908	Linear Algebra	30-09-2021	From
			Thursday	12.30 p.m.
III	74909	Distribution Theory	01-10-2021	
			Friday	to
IV	74910	Estimation Theory	04-10-2021	01.30 p.m.
		-	Monday	v1.50 p.m.
V	74911	Statistical Computing	05-10-2021	
			Tuesday	

Branch Co	Branch Code – STATISTICS( C.B.C.S.) From April-2020				
		Part I :- SemII			
PAPER	PAPER	PAPER NAME	DAY &	Session-IV	
NO.	CODE		DATE		
VI	74913	Probability Theory	29-09-2021		
			Wednesday		
VII	74914	Theory of Testing of Hypothesis	30-09-2021		
			Thursday	04.30. p.m.	
VIII	74915	Regression Analysis	01-10-2021	То	
			Friday	05.30 p.m.	
IX	74916	Design and Analysis of Experiments	04-10-2021		
			Monday		
Х	74917	Sampling Theory and Official Statistics	05-10-2021		
			Tuesday		

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

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

Branch Co	ode - STATIS	STICS (C.B.C.S.) Old From Oct-2017		
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
	69604	Asymptotic Inference	Tuesday 17-08-2021	12.30. p.m.
	69605	Elementary Stochastic Processes	Wednesday 18-08-2021	To 01.30 p.m.
	69606	Planning and Analysis of Industrial Experiments	Tuesday 24-08-2021	
Paper No.	XIV & XV:	- Choose Any Two of the Following Paper	'S	
	69609	Reliability Theory	Wednesday	12.30. p.m.
	69614	Statistical Methods in Clinical Trials	25-08-2021	To 01.30 p.m.
	69610	Regression Analysis	Friday 01-10-2021	04.30. p.m. To 05.30 p.m.

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

Branch Co	de - STATIS	STICS (C.B.C.S.) From Oct-2020		
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
XI	80980	Asymptotic Inference	Tuesday 17-08-2021	12.30. p.m. To 01.30 p.m.
Choose An	y One of the	Following		
XII	80983	Stochastic Processes	Wednesday	12.30. p.m.
	80984	Functional Data Analysis	18-08-2021	To 01.30 p.m.
Choose An	y One of the	Following		
XIII	80985	Data Mining	Friday	12.30. p.m.
	80986	Artificial Intelligence	20-08-2021	To 01.30 p.m.
Choose An	y One of the	Following		
XIV	80987	Time Series Analysis		12.30. p.m.
	80988	Statistical Ecology	Saturday 21-08-2021	To 01.30 p.m.
Choose An	y One of the	Following		
XV	80981	Multivariate Analysis	Monday	12.30. p.m.
	80982	Bayesian Inference	Monday 23-08-2021	To 01.30 p.m
	81347	Regression Analysis	Friday 01-10-2021	04.30. p.m. To 05.30 p.m.

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

Branch (	Code - STA	TISTICS ( C.B.C.S.)	From April-	2018
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	& II
XVI	71107	Optimization Techniques(OT)	21-08-2021	04.30. p.m.
			Saturday	То
				05.30 p.m
	Paper No.	XVII & XX :- Choose Any Four o	of the Following Pa	pers
	71109	Generalized Linear Models	17-08-2021	04.30. p.m.
			Tuesday	То
				05.30 p.m
	71111	Data Mining (DM)	20-08-2021	12.30. p.m.
			Friday	То
				01.30 p.m
	71110	Survival Analysis(SA)	18-08-2021	04.30. p.m.
			Wednesday	То
				05.30 p.m
	71113	Time Series Analysis (TSA)	21-08-2021	12.30. p.m.
			Saturday	То
				01.30 p.m
	71112	Statistical Quality Control	23-08-2021	04.30. p.m.
			Monday	То
				05.30 p.m

Branch (	Code - STA	TISTICS ( C.B.C.S.)	From April-	2021
		Part II :- SemIV	•	
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
XVI	83040	Generalized Linear Models	17-08-2021	04.30. p.m.
			Tuesday	То
				05.30 p.m
Choose A	ny One of tl	he Following		
XVII	83041	Survival Analysis	18-08-2021	04.30. p.m.
	83042 Actuarial statistics Wednesday	То		
	83042	Actuarial statistics		05.30 p.m.
Choose A	ny One of tl	he Following		
	83043	Biostatistics	20-08-2021	04.30. p.m.
	83044	Econometrics	— Friday	То
	83044	Econometrics		05.30 p.m
Choose A	ny One of tl	he Following	I	
	83039	Optimization techniques	21-08-2021	04.30. p.m.
	83175	Circular Data analysis	Saturday	То
	03173	Circular Data analysis		05.30 p.m
Choose A	ny One of tl	he Following		
	83045	Spatial data analysis	23-08-2021	04.30. p.m.
	83046	Statistical quality control	Monday	То
	03040	Statistical quality control	-	05.30 p.m.

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

# M.Sc. Applied Statistics & Informatics

Branch Co	ode- Appli	From	Oct2019	
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74974	Fundamentals Of Computer	29-09-2021	From
		Programming	Wednesday	12.30 p.m.
II	74975	Linear Algebra	30-09-2021	
			Thursday	to
III	74976	Distribution Theory	01-10-2021	
			Friday	01.30 p.m.
IV	74977	Estimation Theory	04-10-2021	
		-	Monday	
V	74978	Statistical Computing	05-10-2021	1
			Tuesday	

Branch Code	Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.) NewFrom April-2020				
	Part I :- SemII				
PAPER	PAPER	PAPER NAME	DAY &	Session-IV	
NO.	CODE		DATE		
V	79516	Advanced Data Structure with C++	29-09-2021		
			Wednesday		
VI	79517	Theory of Testing of Hypothesis	30-09-2021		
			Thursday	04.30. p.m.	
VII	79518	Regression Analysis	01-10-2021	04.30. р.ш. То	
			Friday	05.30 p.m	
VIII	79519	Design and Analysis of Experiments	04-10-2021	00.00 p.m.	
			Monday		
IX	79520	Sampling Theory and Official Statistics	05-10-2021		
			Tuesday		

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

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

Branch Co	Branch Code - APPLIED STATISTICS & INFORMATICS (C.B.C.S.)Old From Oct-2019			
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Session-II &
NO.	CODE		DATE	IV
X	74593	Data Base Management System	17-08-2021	
			Tuesday	
XI	74594	Elementary Stochastic Processes	18-08-2021	12.30. p.m.
			Wednesday	То
XII	74595	Planning And Analysis Of Industrial	Tuesday	01.30 p.m.
		Experiments	24-08-2021	
XIII	74596	Design And Analysis Of Sample	24-08-2021	
		Surveys	Tuesday	
Choose Ar	ny One of the	Following Papers		
	1			12.30. p.m.
XIV	74598	Reliability Theory		То
			25-08-2021	01.30 p.m.
			Wednesday	_
	74599	Regression Analysis	Friday	04.30. p.m.
			01-10-2021	То
				05.30 p.m.

Branch Coo	le - APPLIED	STATISTICS& INFORMATICS ( C.B.C	.S.) NewFrom Oct-2	020
		Part II :- SemIII		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II & IV
X	80591	Data Base Management System	17-08-2021 Tuesday	12.30. p.m.
Choose A	ny One of tl	ne Following		То
XI	80594	Stochastic Processes	18-08-2021	01.30 p.m
	80595	Functional Data Analysis	Wednesday	
Choose A	ny One of th	ne Following		12.30. p.m. To
XII	80596	Data Mining	20-08-2021	01.30 p.m
	80597	Artificial Intelligence	Friday	
Choose A	ny One of tl	ne Following		12.30. p.m.
XIII	80598	Time Series Analysis	21-08-2021	To 01.30 p.m
	80599	Statistical Ecology	Saturday	01.30 p.m
Choose A	ny One of th	ne Following		
XIV	80592	Multivariate Analysis	23-08-2021 Monday	12.30. p.m. To
	80593	Bayesian Inference		01.30 p.m
	81347	Regression Analysis	01-10-2021 Friday	04.30. p.m. To 05.30 p.m.

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

#### M.Sc. APPLIED STATISTICS & INFORMATICS (C.B.C.S.) Old

Branch Coc	le - APPLIEI	D STATISTICS & INFORMATICS	( C.B.C.S.) From	m April-2020
		Part II :- SemIV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II & IV
XV	79378	Optimization Techniques	21-08-2021 Saturday	04.30. p.m. To
XVI	79379	Python for Data Science	24-08-2021 Tuesday	05.30 p.m
<b>Choose An</b>	y Three of t	he Following Papers (Paper No-X	VII to XX)	
	79381	Generalized Linear Models	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m
	79387	Data Mining	20-08-2021 Friday	12.30. p.m. To 01.30 p.m
	79382	Survival Analysis	18-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
	79384	Time Series Analysis	21-08-2021 Saturday	12.30. p.m. To 01.30 p.m
	79383	Statistical Quality Control	23-08-2021 Monday	04.30. p.m. To 05.30 p.m
	79385	Statistical Ecology	25-08-2021 Wednesday	12.30. p.m. To 01.30 p.m
	79386	Econometrics	20-08-2021 Friday	04.30. p.m. To 05.30 p.m

# M.Sc. APPLIED STATISTICS & INFORMATICS [ C.B.C.S. ] New

Branch C	ode - APPL	IED STATISTICS & INFORMATION	CS ( C.B.C.S.)	
From Ap	ril-2021	1		
	1	Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY & DATE	Session-IV
NO.	CODE			
XVI	82941	Generalized Linear Models	17-08-2021	04.30. p.m.
			Tuesday	То
				05.30 p.m
Choose A	ny One of th	he Following		
XVII	82942	Survival Analysis	18-08-2021	04.30. p.m.
	92042	A strongial statistics	Wednesday	То
	83042	Actuarial statistics		05.30 p.m
Choose A	ny One of th	he Following		
XVIII	83238	Biostatistics	20-08-2021	04.30. p.m.
	82946	Econometrics	Friday	To 05.30 p.m
Choose A	ny One of tl	he Following		
XIX	82939	Python for Data Science	Tuesday	04.30. p.m.
			24-08-2021	То
				05.30 p.m
Choose A	ny One of t	he Following	· · ·	•
XX	83045	Spatial data analysis	23-08-2021	04.30. p.m.
	82943	Statistical quality control	Monday	То
	02743	Statistical quality control	-	05.30 p.m

#### M.Sc. Environmental Science

Branch Co	ode- Envir	conmental Science (C.B.C.S.)	From Oct-2019	
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74901	Introduction To Environmental	29-09-2021	From
		Science	Wednesday	12.30 p.m.
II	74902	Environmental Chemistry	30-09-2021	ľ
			Thursday	to
III	74903	Environmental Biology	01-10-2021	01.00
			Friday	01.30 p.m.
IV	74904	Information Technology In	04-10-2021	
		Environmental Sciences	Monday	

Branch C	ode- ENVIR	RONMENTAL SCIENCE (C.B.C.S.)	March- 202	0
		Part I :- SemII		
PAPER	PAPER	PAPER NAME	DAY & DATE	Session-IV
NO.	CODE			
V	79477	Environmental Engineering	29-09-2021	
			Wednesday	
VI	79478	Environmental Pollution and	30-09-2021	04.30. p.m.
		control	Thursday	То
VII	79479	Environmental Geosciences and	01-10-2021	05.30 p.m
		Climatology	Friday	
VIII	79480	Energy studies	04-10-2021	
			Monday	
IX	79481	Environmental Monitoring and	05-10-2021	
		Energy Studies	Tuesday	

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

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

Branch Coo	le- ENVIR	ONMENTAL SCIENCE (C.B.C.S.)	from Oct 20	14
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
X	64165	Natural Resources and their	25-08-2021	From 12.30
		Management	Wednesday	p.m.
XI	64166	Environmental Statistics and	26-08-2021	1
		Computer Applications	Thursday	to
XII	64167	Environmental Policy and legislation	27-08-2021	
			Friday	01.30 p.m.
XIII	64168	Environmental Toxicology and Public	28-08-2021	
		Health	Saturday	
XIV	64169	Vermicomposting	30-08-2021	
			Monday	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.) from			from Oct 20	20
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
X	80582	Natural Resources and their	25-08-2021	
		Conservation	Wednesday	From 12.30
XI	80583	Environmental Statistics and	26-08-2021	p.m.
		Computer Applications	Thursday	I
XII	80584	Environmental Policy and Legislation	27-08-2021	to
			Friday	
XIII	80585	Environmental Toxicology and Public	28-08-2021	01.30 p.m.
		Health	Saturday	

Branch Co	de- ENVIR	ONMENTAL SCIENCE (C.B.C.S.)	From April-	2015
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
XIII	65019	Socio- Economic Aspects of	25-08-2021	
		Environment	Wednesday	
XIV	65020	Environmental Hazards and Disaster	26-08-2021	04.30. p.m.
		Management	Thursday	То
XV	65021	Environmental Planning and	27-08-2021	05.30 p.m
		Management	Friday	
XVI	65022	Environmental Biotechnology	28-08-2021	
			Saturday	

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

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

Branch Cod	le- ENVIR	ONMENTAL SCIENCE (C.B.C.S.)	From April-	2021	
	Part II :- SemIV				
PAPER	PAPER	PAPER NAME	DAY &	Session-IV	
NO.	CODE		DATE		
XIII	83050	Socio- Economic Aspects of	25-08-2021		
		Environment	Wednesday		
XIV	83051	Environmental Hazards and Disaster	26-08-2021	04.30. p.m.	
		Management	Thursday	То	
XV	83052	Environmental Planning and	27-08-2021	05.30 p.m	
		Management	Friday		
XVI	83053	Environmental Biotechnology	28-08-2021		
			Saturday		
XVII	83056	Vermicomposting	30-08-2021		
			Monday		

### M.Sc. Food Science & Technology

Branch Code- Food Science& Technology (C.B.		Science& Technology ( C.B.C.S.)	Fro	om Oct-2019
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74919	Principles Of Food Processing &	29-09-2021	From 12.30
		Preservation	Wednesday	p.m.
II	74920	Food Microbiology	30-09-2021	
			Thursday	to
III	74921	Food Chemistry	01-10-2021	01.20
			Friday	01.30 p.m.
IV	74922	Biochemistry And Nutrition	04-10-2021	
			Monday	

Branch Co	de- FOOD	SCIENCE & TECHNOLOGY ( C.B.C.S.	) From April-2	2020
		Part I :- SemII		
PAPER	PAPER	PAPER NAME	DAY &DATE	Session-IV
NO.	CODE			
V	79374	Fruit and Vegetable Technology	29-09-2021	
			Wednesday	04.30. p.m.
VI	79372	Principles of Food Engineering	30-09-2021	То
			Thursday	05.30 p.m
VII	79373	Cereal and Legume Technology	01-10-2021	
			Friday	
VIII	79375	Fermentation Technology	04-10-2021	
			Monday	

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

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

Branch Co	de- FOOD	SCIENCE & TECHNOLOGY ( C.B.C.S.	.) From Oct-2	2014
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &DATE	Session-II
NO.	CODE			
IX	64191	Technology of Meat, Fish & Poultry	25-08-2021	
		Products	Wednesday	From 12.30
Х	64192	Technology of Milk & Milk Products	26-08-2021	p.m.
			Thursday	
XI	64193	Food Quality & Safety Management	27-08-2021	to
			Friday	01.00
XII	64194	Food Additives, Contaminants &	28-08-2021	01.30 p.m.
		Toxicology	Saturday	

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

Branch Co	de- FOOD	SCIENCE & TECHNOLOGY ( C.B.C.S.)	From Oct-2	020
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
	80990	Technology of Meat, Fish and	25-08-2021	
		Poultry Products	Wednesday	From 12.30
	80991	Technology of Milk and Milk	26-08-2021	p.m.
		Products	Thursday	
	80993	Food Quality and Safety	27-08-2021	to
		Management	Friday	01.30 p.m.
	80992	Food Additives, Contaminants	28-08-2021	v1.5v p.m.
		and Toxicology	Saturday	

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

Branch Cod	le- FOOD S	CIENCE & TECHNOLOGY ( C.B.C.S.)	From April-2015	
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
XIII	65134	Food Packaging	30-08-2021	
			Monday	
XIV	65135	Technology of Oilseeds & Fats	31-08-2021	04.30. p.m.
			Tuesday	То
XV	65136	Food Biotechnology	01-09-2021	05.30 p.m
			Wednesday	
XVI	65137	Post-Harvest Technology of	02-09-2021	
		Plantation Crops	Thursday	

<b>Branch</b> Cod	le- FOOD S	CIENCE & TECHNOLOGY (C.B.C.S.)	From April-2021	
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
XIII	82952	Food Packaging	30-08-2021	
			Monday	04.30. p.m.
XIV	82949	Technology of Oilseeds & Fats	31-08-2021	То
			Tuesday	05.30 p.m
XV	82950	Food Biotechnology	01-09-2021	
			Wednesday	
XVI	82951	Post-Harvest Technology of	02-09-2021	
		Plantation Crops	Thursday	

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

## M.Sc Alcohol Technology

### M.Sc. Alcohol Technology [ C.B.C.S.] Old

<b>Branch Code- Alcoh</b>		ol Technology ( C.B.C.S.)	From May20	17
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	68596	Organic Chemistry	28-09-2021	From 12.30
			Tuesday	p.m.
II	68597	Basic of Fermentation	29-09-2021	•
			Wednesday	to
III	68598	Alcohol Technology - I	30-09-2021	
			Thursday	01.30 p.m
IV	68599	Microbiology – I	01-10-2021	
			Friday	

#### M.Sc. Alcohol Technology [ C.B.C.S.] New

Branch Co	ode- Alcoh	ol Technology (C.B.C.S.)	F	rom Oct-2020
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	81082	Alcohol Technology - I	30-09-2021	From 12.30
			Thursday	p.m.
II	81083	Microbiology	01-10-2021	
			Friday	to
III	81084	Bio-Chemistry	28-09-2021	01.20
			Tuesday	01.30 p.m
IV	81085	Applied Chemistry	29-09-2021	
			Wednesday	

Branch	Branch Code - Alcohol Technology (C.B.C.S.)		(From Oct-2	017)
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
V	68602	Bio-Chemistry	28-09-2021	
			Tuesday	04.30. p.m.
VI	68603	Fermentation Technology	29-09-2021	То
			Wednesday	05.30 p.m
VII	68604	Alcohol Technology	30-09-2021	-
			Thursday	
VIII	68605	Microbiology	01-10-2021	
			Friday	

#### M.Sc. Alcohol Technology [ C.B.C.S.] OLD

### M.Sc. Alcohol Technology [ C.B.C.S.] New

Branch	Branch Code - Alcohol Technology (C.B.C.S.)		<u>(From April</u>	<u>-2021)</u>
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
V	82915	Industrial Fermentation	28-09-2021	
			Tuesday	04.30. p.m.
VI	82916	Alcohol Technology-II	29-09-2021	То
			Wednesday	05.30 p.m
VII	82914	Applied Microbiology	30-09-2021	
			Thursday	
VIII	82917	Applied Process Instrumentation	01-10-2021	1
			Friday	

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

Branch	Code - Ale	cohol Technology (C.B.C.S.)	<u>(From March</u>	-2018)
		Part II - Sem III		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	68636	Alcohol Technology-III	11-08-2021	E 10.00
			Wednesday	From 12.30
II	68637	Microbiology III	12-08-2021	p.m.
			Thursday	4
III	68638	Fermentation Technology-III	13-08-2021	to
			Friday	01.30 p.m
Paper	Paper No	<b>b.</b> IV :- Choose Any One of the Follow	ing Papers	
No. IV	68639	Industrial waste treatments		From 12.30
		&Environmental management	14-08-2021	p.m.
	68640	Sugar Technology (ST)	Saturday	
	68641	Instrumentation & Automation in		to
		Distillery.		01.30 p.m

Branch	Branch Code - Alcohol Technology (C.B.C.S.)		<u>(From Oct-2018)</u>	
		Part II - Sem IV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
Ι	68644	Alcohol & Beverages production from	11-08-2021	04.30. p.m.
		grain and other sources	Wednesday	То
II	68645	Production of ENA, ETHNOL	12-08-2021	05.30 p.m
		&IMFL	Thursday	
III	68646	Chemical Engineering	13-08-2021	
			Friday	
Paper	Paper No	o. IV   :- Choose Any One of the Followi	ng Papers	
No.IV	68647	General Engineering		
	68648	Pollution Prevention & Control	14-08-2021 Saturday	04.30. p.m. To
	68649	Business management & marketing	Saturuay	05.30 p.m

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

### **M.Sc. Sugar Technology** M.Sc. Sugar Technology [ C.B.C.S.] Old

Branch Co	ode- Sugar	· Technology ( C.B.C.S.)	Fr	om May2017
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	68608	Sugar Cane Agriculture	28-09-2021	From 12.30
			Tuesday	p.m.
II	68609	Sugar Processing-Clarification	29-09-2021	•
			Wednesday	to
III	68610	Sugar Engineering-Milling	30-09-2021	01.20
			Thursday	01.30 p.m
IV	68611	Chemical Control	01-10-2021	
			Friday	

#### M.Sc. Sugar Technology [ C.B.C.S.] New

Branch Co	ode- Sugar	• Technology ( C.B.C.S.)	Fr	om Oct2020
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	81087	Sugar Cane Agriculture	28-09-2021	From 12.30
			Tuesday	p.m.
II	81088	Sugar Processing-Clarification &	29-09-2021	
		Evaporation	Wednesday	to
III	81089	Sugar Engineering-Milling	30-09-2021	01.20
			Thursday	01.30 p.m
IV	81090	Chemical Control	01-10-2021	
			Friday	

Branch Code - Sug		gar Technology (C.B.C.S.)	<u>(From Oct-2017)</u>	
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
V	68614	Sugar Chemistry(SUCHEM)	28-09-2021	
			Tuesday	04.30. p.m.
VI	68615	Sugar Processing-	29-09-2021	То
		Evaporation(SPEVA)	Wednesday	05.30 p.m
VII	68616	Sugar Engineering-Steam & Power	30-09-2021	
		Generation(SEEPG)	Thursday	
VIII	68617	Equipment Design and	01-10-2021	]
		Drawing(EDD)	Friday	

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

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

Branch	Code - Sug	ar Technology (C.B.C.S.)	<u>(From Apri</u>	-2021
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
V	82907	Sugar Chemistry(SUCHEM)	28-09-2021	
			Tuesday	04.30. p.m.
VI	82908	Sugar Processing-Crystalization &	29-09-2021	То
		Finishing	Wednesday	05.30 p.m
VII	82909	Sugar Engineering-Steam & Power	30-09-2021	
		Generation(SEEPG)	Thursday	
VIII	82910	Equipment Design and	01-10-2021	
		Drawing(EDD)	Friday	

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

Branch	Code - Su	ugar Technology (C.B.C.S.)	(From	March-2018)
		Part II - Sem III		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	68620	Equipments Capacity	11-08-2021	
		Calculation(ECC)	Wednesday	From 12.30
II	68621	Sugar Processing-Crystallzation(SPC)	12-08-2021	p.m.
			Thursday	I
III	68622	Chemical Engineering-Heat &	13-08-2021	to
		Momentum Transfer(CEHMT)	Friday	01.00
				01.30 p.m
Paper	Paper No	. IV :- Choose Any One of the Following	Papers	From 12.30
No.IV	68623	Alcohol Technology(ALCOTECH)		p.m.
	68624	Bio-Chemical Engineering(BCE)	14-08-2021	-
	68625	Electronics and Instrumention	Saturday	to
		Engineering(EIE)		01.30 p.m

Branch	Branch Code - Sugar Technology (C.B.C.S.) (From Oct-2018)				
		Part II - Sem IV			
PAPER	PAPER	PAPER NAME	DAY &	Session-II	
NO.	CODE		DATE		
Ι	68628	Sugar Processing-Finishing	11-08-2021	04.30. p.m.	
			Wednesday	То	
II	68629	Allid Sugar Manufacturing	12-08-2021	05.30 p.m	
			Thursday		
III	68630	Chemical Engineering-Unit Operation	13-08-2021		
			Friday		
Paper	Paper No	o.IV :- Choose Any One of the Followi	ng Papers		
No.IV	68631	Energy Conversion and Cogeneration	14-08-2021	04.30. p.m.	
	68632	Pollution Preventation and Control	Saturday	To	
	68633	Water Management and Zero		05.30 p.m	
		Discharge			

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

## **M.Sc. Medical Information Management**

Branch Co	ode- Media	cal Information Management	From	Oct2019
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	79007	Information Technology in Health	28-09-2021	From
		Sciences	Tuesday	12.30 p.m.
II	79008	Introduction to Biological Sciencens	29-09-2021	•
			Wednesday	to
III	79009	Medical Informatics	30-09-2021	01.30
			Thursday	01.30 p.m
IV	79010	German Language –A1	01-10-2021	
			Friday	

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

Branch Co	de- Medica	l Information Management ( C.B.C.S.)	From April-2(	)20
		Part I :- SemII		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
V	80827	Research Methods and Statistics	28-09-2021	
			Tuesday	
VI	80828	Clinical Data and Quality Management	29-09-2021	04.30. p.m.
			Wednesday	То
VII	80829	Clinical Quality Management	30-09-2021	05.30 p.m
			Thursday	
VIII	80830	Clinical Data Management	01-10-2021	
		_	Friday	

<b>Branch Co</b>	de- Medica	l Information Management ( C.B.C.S.)	From Oct20	20
		Part II :- SemIII		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
IX	81112	Clinical Data Management-II	11-08-2021	
			Wednesday	
X	81113	Clinical Quality Management-II	12-08-2021	12.30 p.m.
			Thursday	
XI	81114	Project Management and Project	13-08-2021	to
		Presentation	Friday	01.30 p.m
XII	81115	Module to deepen Knowledge Clinical	14-08-2021	
		Research Biostatistics, Epidemiology.	Saturday	

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

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

Branch Co	de- Medica	l Information Management ( C.B.C.S.)	From April	2021
		Part II:- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
XIII	82956	Research problem identification and	11-08-2021	
		review of literature	Wednesday	
XIV	82957	Synopsis submission, and presentation	12-08-2021	04.30. p.m.
			Thursday	То
XV	82958	Mid-term evaluation by presentation	13-08-2021	05.30 p.m
			Friday	
XVI	82960	Viva Voce	14-08-2021	
			Saturday	

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

Brnch Code- Geogra		aphy (C.B.C.S.)	From Oct20	19
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74960	Fundamentals of Geomorphology	29-09-2021	From 12.30
			Wednesday	p.m.
II	74961	Principles of Climatology	30-09-2021	I
			Thursday	to
III	74962	Economic Geography	01-10-2021	01.00
			Friday	01.30 p.m
IV	74963	Geography of Population and	04-10-2021	
		Human Resource Development	Monday	

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

Branch C	Code - GE	OGRAPHY (C.B.C.S.) (Fr	om April-2020	
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
Ι	79307	Applied Geomorphology	29-09-2021	
			Wednesday	04.30. p.m.
II	79308	Applied Climatology and Climate Change	30-09-2021	То
			Thursday	05.30 p.m
III	79309	Social and Cultural Geography	01-10-2021	
			Friday	
IV	79536	Advanced Cartography and Surveying	04-10-2021	
			Monday	

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

Branch Code - GEOGRAPHY (C.B.C.S.) (From Oct-2				
		Part II - Sem III		
PAPER	PAPER	PAPER NAME	DAY & DATE	Session-III
NO.	CODE			
	74016	Geohydrology and Oceanography	11-08-2021	From 12.3
			Wednesday	
	74017	Fundamentals of Remote Sensing	12-08-2021	p.m.
		and Digital Image Processing	Thursday	to
	74022	Research Methodology in	13-08-2021	
		Geography	Friday	01.30 p.m
	74023	Photogrammetry, Remote Sensing	14-08-2021	_
		and Digital Image Processing	Saturday	
	Choo	se Any One of the Following Papers		From 12.3
VII	74018	Geography of Environment	17-08-2021	p.m.
V 11	/ 1010	Geography of Environment	Tuesday	
	74019	Biogeography	Idesday	to
				01.30 p.m
				01.50 p.m
	Choo	se Any One of the Following Papers		From 12.3
VIII	74020	Settlement Geography	18-08-2021	p.m.
	<b>7</b> 4001		Wednesday	•
	74021	Advance Cartography and	5	to
		Surveying		
				01.30 p.m

20	<u>(From Oct-202</u>	GRAPHY (C.B.C.S.)	de - GEOG	Branch Coo
		Part II - Sem III		
Session-III	DAY & DATE	PAPER NAME	PAPER CODE	PAPER NO.
From 12.3(	11-08-2021 Wednesday	Geohydrology and Oceanography	81148	V
p.m. to	12-08-2021 Thursday	Fundamentals of Remote Sensing and Digital Image Processing	81149	VI
01.30 p.m				
From 12.30		se Any One of the Following Papers	Choos	
p.m.	17-08-2021 Tuesday	Geography of Environment	81150	VII
to 01.30 p.m	Tuesday	Biogeography	81151	
01.50 p.m		se Any One of the Following Papers	Choo	
From 12.30	18-08-2021 Wednesday	Settlement Geography	81152	VIII
p.m.	- Wednesday	Geography of India	81153	
to		Political Geography	81154	
01.30 p.m				

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

### Branch Code - GEOGRAPHY (C.B.C.S.) From April-2020

Dranch	III / 1 PI II-2020			
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
IX	79489	Development of Modern	11-08-2021	04.30. p.m.
		Geographical Thought	Wednesday	То
Χ	79490	Regional Planning and Development	12-08-2021	05.30 p.m
			Thursday	
		Choose Any One Of The Following Pa	apers	04.20
XI	79493	Tourism Geography	13-08-2021	04.30. p.m. To
	79494	Agricultural Geography	Friday	05.30 p.m
		<b>Choose Any One Of The Following P</b>	apers	04.20 n m
XII	79491	Fundamentals of Geographical		04.30. p.m. To
		Information System and Introduction	14-08-2021	05.30 p.m
	79492	Fundamental of Soil Geography	Saturday	00.00 p.m
,	1		1	

<b>Brnch</b> Cod	e- Geograph	y (C.B.C.S.)	From Ap	oril2021
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
	82982	Development of Modern	11-08-2021	
		Geographical Thought	Wednesday	
	82983	Regional Planning and	12-08-2021	
		Development	Thursday	
	Choose A	Any One Of The Following Papers		
	82984	Fundamentals and Application of	14-08-2021	
		GIS and GPS	Saturday	
	82985	Fundamental of Soil Geography		04.30. p.m.
	Choose A	Any One Of The Following Papers		То
	82986	Agricultural Geography		05.30 p.m
	82987	Tourism Geography	13-08-2021	
	82988	Geography of Health and	Friday	
		Nutrition		
	Choose	Any One Of The Following Papers		]
	82990	Introduction to GIS Software and	17-08-2021	
		GPS	Tuesday	
	82991	Soil and Water Analysis		

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

## M.A/M.Sc. Mathematics

Branch Code- Mathematics ( C.B.C.S.) F 2019				From Oct—
		Part I :- SemI		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	71415/	Advance Calculus	29-09-2021	
	59828		Wednesday	
II	71416/	Linear Algebra	30-09-2021	12.30 p.m.
	61381		Thursday	4.0
III	71417/	Complex Analysis	01-10-2021	to
	61383		Friday	01.30 p.m.
IV	71418/	Classical Mechanics	04-10-2021	01.00 p.m.
	59831		Monday	
V	71419/	Ordinary Differential Equations	05-10-2021	
	59830		Tuesday	

### M.Sc. Mathematics (C.B.C.S.)

### M.A/M.Sc. Mathematics (C.B.C.S.) New C.N. 217

Branch Co	de - Math	ematics (C.B.C.S.)	(From April-2	2020
		Part I - Sem II		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
VI	71421/	Functional Analysis	29-09-2021	04.30. p.m.
	79315/		Wednesday	То
	63303			05.30 p.m
VII	71422/	Algebra	30-09-2021	
	79316/		Thursday	
	59827			
VIII	71423/	General Topology	01-10-2021	· ·
	79317	1 05	Friday	
VIII	61382	Topology	01-10-2021	
			Friday	
IX	71424/	Numerical Analysis	04-10-2021	-
	79318		Monday	
IX	69566	Numerical Analysis	04-10-2021	
			Monday	
X	71425/	Partial Differential Equations	05-10-2021	-
	79319/	1	Tuesday	
	63319		5	

M.A/N	1.Sc.	Mathematics	(	C.B.	C.S.	)	Old
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Branch Co	ode - Math	· · · · · ·	(From A	April-2020
		Part II - Sem III		-
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
XI	59829/	Real Analysis	02-09-2021	12.30. p.m
	73976		Thursday	То
				01.30 p.r
XII	73977	Field Theory	04-09-2021	12.30. p.m
			Saturday	To 01.30 p.r
XIII,	XIV & XV	Any Three of the following P	apers	
	63307/	Number Theory	13-08-2021	
	73978		Friday	
	63316/	Operations Research – I	14-08-2021	
	73979		Saturday	
	63314/	Fuzzy Mathematics –I	17-08-2021	
	73980		Tuesday	
	63305/	Fluid Dynamics	18-08-2021	
	73981		Wednesday	
	73982/	Fractional Calculus	20-08-2021	
	80967		Friday	
	73983	General Relativity – I	21-08-2021	
			Saturday	
	73984	Lattice Theory – I	23-08-2021	
			Monday	12.20 mm
	73985	Approximation Theory	24-08-2021	12.30. p.m To
			Tuesday	- 01.30 p.1
	73986	Dynamical Systems – I	25-08-2021	01.50 p.i
			Wednesday	
	73987	Graph Theory-I	26-08-2021	
			Thursday	
	61385/	Differential Geometry	27-08-2021	
	73988		Friday	
	63320/	Combinatorics	28-08-2021	
	73989		Saturday	
	73990	Topological Vector Spaces	30-08-2021	
			Monday	
	73991	Commutative Algebra - I	31-08-2021	
			Tuesday	
	63312/	Space Dynamics- I	01-09-2021	
	73992		Wednesday	
	73993	Theory of Computation	02-09-2021	
			Thursday	
	73994	Algebraic Topology	03-09-2021	
			Friday	

	athematics (C.B.C.S.)	(110)	n Oct-2020
	Part II - Sem III	I _	
	PAPER NAME		Session-II
	Deel Arrel air		12 20
80960	Real Analysis		12.30. p.m. To
		wednesday	01.30 p.m
	Any one of the following		01.50 p.m
	Any one of the following		
PAPER	PAPER NAME	DAY &	Session-IV
CODE		DATE	
62204/	Advanced Discrete Mathematics	04 00 2021	04.30. p.m.
	Advanced Discrete Mathematics		04.30. p.m. To
		Saturday	05.30 p.m
	Topological Vector Space	-	00.00 p.m
80902	Topological vector spaces		
		1	
80963/	Number Theory	13-08-2021	
		~	
80964/	Operations Research – I		
	Fuzzy Mathematics –I		
80966	Fluid Dynamics		
		5	
80967	Fractional Calculus		
		9	
80968	General Relativity – I		
80969	Lattice Theory – I		
80970	Approximation Theory		
80971	Dynamical Systems – I		12.30. p.m.
		2	To
80972	Graph Theory-I		01.30 p.m
00070			
80973	Differential Geometry		
00074			
809/4	Combinatorics		
00070		-	
809/9	2		
00075			
809/5	Commutative Algebra - I		
00076			
809/6	Space Dynamics- I		
00077	Theorem of Community i		
80977	Theory of Computation	02-09-2021	
80978	Algebraic Topology	Thursday 03-09-2021	
	CODE 63304/ 79322/ 80961 80962 V & XV 4 80963/ 63307 80964/ 63316 80965/ 63314 80966 80967 80968 80969 80970 80970 80971 80971 80972 80973 80973 80974	PAPER CODEPAPER NAME80960Real Analysis80960Real AnalysisPAPER CODEPAPER NAME63304/ 79322/ 80961Advanced Discrete Mathematics63304/ 79322/ 80961Advanced Discrete Mathematics63304/ 79322/ 80961Advanced Discrete Mathematics63307Topological Vector SpacesV & XV 80963/ 80963/ 80963/ 80964/ Operations Research – I 63316Number Theory80965/ 80965/ 80966Fuzzy Mathematics –I63314Fluid Dynamics80966Fluid Dynamics80967Fractional Calculus80968General Relativity – I80969Lattice Theory – I80970Approximation Theory80971Dynamical Systems – I80972Graph Theory-I80973Differential Geometry80974Combinatorics80975Commutative Algebra - I80976Space Dynamics- I	PAPER CODEPAPER NAMEDAY & DATE80960Real Analysis11-08-2021 Wednesday80960Real Analysis11-08-2021 WednesdayPAPER CODEPAPER NAMEDAY & DATE63304/ 79322/ 80961Advanced Discrete Mathematics04-09-2021 Saturday63304/ 79322/ 80962Topological Vector Spaces04-09-2021 Saturday63306Topological Vector Spaces13-08-2021 Friday80963/ 63310Number Theory Operations Research - I13-08-2021 Friday80965/ 63314Fuzzy Mathematics -I17-08-2021 Tuesday80966Fluid Dynamics18-08-2021 Friday80967Fractional Calculus20-08-2021 Saturday80968General Relativity - I21-08-2021 Saturday80969Lattice Theory - I Tuesday23-08-2021 Monday80971Dynamical Systems - I Proximation Theory25-08-2021 Thursday80972Graph Theory-I Combinatorics26-08-2021 Thursday80974Combinatorics28-08-2021 Thursday80975Commutaive Algebra - I Tuesday31-08-2021 Tuesday80976Space Dynamics- I OI-09-202101-09-2021 Wednesday

M.A/M.Sc. Mathematics (C.B.C.S.) C.N. 218

		Part II :- SEM-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY &DATE	Session-IV
XVI	79322	Advance Discrete Mathematics	04-09-2021 Saturday	04.30. p.m. To
XVII	63336/	Integral Equation	03-09-2021	05.30 p.m
	79321		Friday	
Paper N	o. – XVIII	, XIX & XX – Choose any Three of the	following	04.30. p.m.
	79476	Dynamics Equations on Time Scales	13-08-2021 Friday	То 05.30 р.m
	63335/ 79327	Fractional Differential Equations	20-08-2021 Friday	12.30 p.m. To 01.30 p.n
	63330/ 79328	General Relativity-II	17-08-2021 Tuesday	
	63324/ 79329	Lattice Theory-II	18-08-2021 Wednesday	
	79325/ 63328	Fuzzy Mathematics-II	20-08-2021 Friday	04.30. p.m. To 05.30 p.m
	79332	Graph Theory-II	21-08-2021 Saturday	. 05.50 p.m
	63329/ 79326	Computational Fluid Dynamics	23-08-2021 Monday	
	63323/ 79324	Operations Research –II	24-08-2021 Tuesday	
	63334/ 79323	Algebraic Number Theory	25-08-2021 Wednesday	
	63327/ 79330	Wavelet Analysis	26-08-2021 Thursday	
	63331/ 79331	Dynamical Systems- II	27-08-2021 Friday	
	63322/ 79336	Commutative Algebra-II	28-08-2021 Saturday	
	79333	Analysis on Manifolds	30-08-2021 Monday	
	79475	Automata Theory	31-08-2021 Tuesday	
	79337	Space Dynamics-II	01-09-2021 Wednesday	-
	79335	Theory of Distributions	02-09-2021 Thursday	-
	79334	Measure and Integration	03-09-2021 Friday	-

Branch C	ode- Math	ematics ( C.B.C.S.)	From	m April—2021
		Part II :- SemIV		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
	69567/	Field Theory	04-09-2021	12.30. p.m.
	63326/		Saturday	То
	83058			01.30 p.m
		Any one of the following		
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
	83057	Integral Equations	03-09-2021	04.30. p.m.
			Friday	To 05.30 p.m
Paper	No. – XVI	H II, XIX & XX – Choose any Three of	f the following	05.50 p.m
1	83059	Algebraic Number Theory	25-08-2021	
			Wednesday	
	83060	Operations Research –II	24-08-2021	-
		1	Tuesday	
	83061	Fuzzy Mathematics-II	20-08-2021	_
			Friday	
	83062	Computational Fluid Dynamics	23-08-2021	_
			Monday	
	83063	Fractional Differential Equations	14-08-2021	
			Saturday	
	83066	Wavelet Analysis	26-08-2021	04.30. p.m.
			Thursday	То
	83072	Commutative Algebra-II	28-08-2021	05.30 p.m
			Saturday	
	83073	Space Dynamics-II	01-09-2021	
			Wednesday	
	83074	Dynamics Equation on Time Scales	13-08-2021	1
			Friday	

### M.Sc. Mathematics (C.B.C.S.) New

Branch Code- Tech. Mathematics (C.B.C.S.)					
From Oct	2018			1	
	Part I :- SemI				
PAPER	PAPER	PAPER NAME	DAY &	Session-II	
NO.	CODE		DATE		
V	71453	Advanced Calculus	Wednesday		
			29-09-2021		
III	71454	Linear Algebra	Thursday	From 12.30	
			30-09-2021	p.m.	
Ι	71455	Discrete Mathematical Structures-I	Friday		
			01-10-2021	to	
IV	71456	Computer Architecture	Monday	01.30 p.m.	
		-	04-10-2021	v1.50 p.m.	
II	71457	Programming in C	Tuesday		
			05-10-2021		

### M.Sc. Tech (MATHEMATICS) [C.B.C.S.]

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

Branch (	om April-2019)			
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
Ι	71460	Functional Analysis	Wednesday	
			29-09-2021	E
II	71461	Algebra	Thursday	From 04.30
		5	30-09-2021	p.m.
IV	71464	Operating Systems	Friday	to
			01-10-2021	10
V	71463	Data Structures Using-C	Monday	05.30 p.m.
			04-10-2021	I
III	71462	Discrete Mathematical Structures-II	Tuesday	
			05-10-2021	

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

nch Code	- M.Sc	. TECH ( MATHEMATICS ) ( C.B.C.S.) (Rev	vised From Oct-2019)	
Part II :- SemIII				
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	74024	Complex Analysis	01-10-2021	
			Friday	From 12.30
II	74025	ODE	05-10-2021	p.m.
			Tuesday	Ĩ
IV	74026	DAA-I	04-09-2021	to
			Saturday	01.00
V	74027	Database System	06-09-2021	01.30 p.m.
			Monday	
III	74028	Object Oriented Programming with	07-09-2021	
		C++	Tuesday	

Branch Co	de – N	A.Sc. TECH ( MATHEMATICS ) ( C.B.C.S.)	From April-2016	
PAPER	PAPER	PAPER NAME	DAY &	Session-IV
NO.	CODE		DATE	
Ι	67155	Functional Analysis	Wednesday	From 04.30
			29-09-2021	p.m.
IV	67157	Design and Analysis of Algorithms-II	04-09-2021	
			Saturday	to
V	67158	Object Oriented Programming With	08-09-2021	0.5.20
		Java	Wednesday	05.30 p.m.
VI	67159	Linux Operating System	07-09-2021	
			Tuesday	
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
II	67156	Differential Equations	05-10-2021	12.30. p.m.
			Tuesday	То
			2	01.30 p.m

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

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

Branch	Branch Code - M.Sc. TECH (MATHEMATICS) (C.B.C.S.) From Oct-2020				
		Part II :- SemIV			
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV	
Ι	79483	Real Analysis	02-09-2021 Thursday	From 04.30	
II	79884	Operation Research	03-09-2021	_ p.m.	
			Friday	to	
IV	79485	DAA-II	04-09-2021 Saturday	05.30 p.m.	
V	79486	PHP With MySQL	06-09-2021 Monday		
VI	79487	Java Programming	08-09-2021 Wednesday		

Branch	Code - M.	Sc. TECH ( MATHEMATICS )	(C.B.C.S.) From	Oct-2016
		Part III :- SemV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
Ι	67980	Compiler Techniques	25-08-2021 Wednesday	From 12.30
II	67981	Software Engineering	26-08-2021 Thursday	p.m.
III	67982	Computer Networks	27-08-2021 Friday	to
IV	67983	Computer Graphics	28-08-2021 Saturday	- 01.30 p.m
		Paper No. V- Choose any (	One of the following	
	67984	Web Technology	30-08-2021	From 12.30
	67985	PHP with MySQL	Monday	p.m.
	67986	Android Programmimg		L
	67987	Advanced Java		to
				01.30 p.m

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

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

Branch	Code - M.	Sc. TECH ( MATHEMATICS )	( C.B.C.S.) From C	)ct-2020
		Part III :- SemV		
PAPER	PAPER	PAPER NAME	DAY &	Session-II
NO.	CODE		DATE	
Ι	81119	Advanced Web Technology	25-08-2021	
			Wednesday	From 12.30
II	81120	Software Engineering	26-08-2021	p.m.
			Thursday	
III	81121	Computer Networks	27-08-2021	to
			Friday	01.30 p.m
IV	81122	Cyber Security	28-08-2021	01.50 p.m
			Saturday	
		Paper No. V- Choose any O	ne of the following	
	81123	Compiler Techniques	30-08-2021	From 12.30
	81124	Linux Operating System	Monday	p.m.
	81125	Android Programmimg	-	F
	81126	Machine Learning		to
				01.30 p.m

Vidyanagar, Kolhapur – 416 004 Date :- 07 August 2021

#### Shri. G.R. Palse I/c DIRECTOR BOARD OF EXAMINATIONS AND EVALUATION