



## SHIVAJI UNIVERSITY KOLHAPUR

**Circular No. 90 Summer Session Online March/April 2021 to be held in August/ September 2021  
Final Programme of M.Sc. (Course Code 205), M.Sc.Tech. (Mathematic) Part-I Sem-II, III, IV,  
& V (Course Code 252) Examination April-2021**

**INSTRUCTIONS:** Common instruction as per Circular No. SU/Appointment/RVC//612 dated 14-07-2021, and also available in University website [www.unishivaji.ac.in](http://www.unishivaji.ac.in).

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

### M.Sc. Physics

<b>Branch Code- PHYSICS ( C.B.C.S.) From Oct--2019</b>				
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	74934	Mathematical Physics	29-09-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
II	74935	Classical Mechanics	30-09-2021 Thursday	
III	74936	Quantum Mechanics-I	01-10-2021 Friday	
IV	74937	Condensed Matter Physics	04-10-2021 Monday	

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

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

<b>Branch Code - Physics ( C.B.C.S.) Old</b>			<b>From Oct-2019</b>	
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
<b>IX</b>	74677	Nuclear and Particle Physics	17-08-2021 Tuesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
<b>Choose Any One Of The Following Paper</b>				<b>From 12.30 p.m. to 01.30 p.m.</b>
	74650	Data Analysis and Statistical Software	18-08-2021 Wednesday	
	74651	Numerical Computing Using MATLAB		
	74652	Computational Programming using Mathematica		
	74653	Numerical Methods and Programming		
	74654	MATLAB Programming and Applications		
	74655	Electronic Devices		
<b>Choose Any One Of The Following Paper</b>				<b>From 12.30 p.m. to 01.30 p.m.</b>
	74656	Energy Science-I ( The New Energy Technology)	20-08-2021 Friday	
	74657	Material Science-I (Imperfection in Crystals)		
	74658	Space Science-I (Stellar Evolution :Birth, Evolution and Death of the Stars)		
	74659	Solid State Physics-I (Thin Solid Films: Deposition and Properties)		
	74660	Theoretical Physics- I (Fundamentals of Plasma Physics)		
	75052	Modern Optics-I (Laser Physics)		
<b>Choose Any One Of The Following Paper</b>				<b>From 12.30 p.m. to 01.30 p.m.</b>
	74661	Energy Science-II ( Solar Thermal Devices)	21-08-2021 Saturday	
	74662	Material Science-II (Properties Of Materials)		
	74663	Space Science-II (Astrophysics of the Sun )		
	74664	Solid State Physics-II (Semiconductor Physics)		
	74665	Theoretical Physics- II (Introduction to General Relativity)		
	75053	Modern Optics-II (Nonlinear Optics & Fiber Optics)		

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

<b>Branch Code - Physics ( C.B.C.S.) From Oct-2020</b>				
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
	80820	Nuclear and Particle Physics	17-08-2021 Tuesday	<b>From</b> <b>12.30 p.m.</b> <b>to</b> <b>01.30 p.m.</b>
<b>Choose Any One Of The Following Paper</b>				<b>From</b>
	81116	Data Analysis and Statistical Software(DASF)	18-08-2021 Wednesday	<b>12.30 p.m.</b> <b>to</b> <b>01.30 p.m.</b>
	81117	Numerical Computing Using MATLAB(NCU)		
	81118	Computational Programming using Mathematica (CP)		
	81236	Thin Film Deposition Technology(TFDT)		
<b>Choose Any One Of The Following Paper</b>				<b>From</b>
	81092	The New Energy Technologies(TNET)	20-08-2021 Friday	<b>12.30 p.m.</b> <b>to</b> <b>01.30 p.m.</b>
	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)		
<b>Choose Any One Of The Following Paper</b>				<b>From</b>
	81098	Solar Thermal Devices (STD)	21-08-2021 Saturday	<b>12.30 p.m.</b> <b>to</b> <b>01.30 p.m.</b>
	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)		

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

Branch Code - PHYSICS ( C.B.C.S.)		From-(March-2020)		
		<b>Part II :- Semester IV</b>		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
X	79340	Experimental Techniques	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m.
<b>Choose Any One of The Following Subject</b>				
	68287	Modern Analytical Techniques	18-08-2021 Wednesday	04.30. p.m. To 05.30 p.m.
	79343	Electronic Devices		
	79341	Numerical Methods And Programming		
	79342	MATI AB Programming and Applications		
	79515	Media And Society		
<b>Choose Any One of The Following Subject</b>				
	79344	Renewable Energy Resources	20-08-2021 Friday	04.30. p.m. To 05.30 p.m.
	79346	Special Materials		
	79348	Molecular Spectroscopy		
	79350	Magnetospheric Plasma Dynamics		
	79352	Physical Properties of Solids		
	79354	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
<b>Choose Any One of The Following Subject</b>				
	79345	Energy Conversion Devices	21-08-2021 Saturday	04.30. p.m. To 05.30 p.m.
	79347	Nanostructured Materials		
	79349	Holography and Its Applications		
	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.)			From-(March-2021)	
<b>Part II :- Semester IV</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
X	83111	Experimental Techniques	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m.
<b>Choose Any One of The Following Subject</b>				
	83221	Numerical Methods And Programming	18-08-2021 Wednesday	04.30. p.m. To 05.30 p.m.
	83222	MATI AB Programming and Applications		
	83223	Energy Conversion and Storage Devices		
	83224	MATI AB Programming and Applications		
<b>Choose Any One of The Following Subject</b>				
	83080	Renewable Energy Resources	20-08-2021 Friday	04.30. p.m. To 05.30 p.m.
	83081	Special Materials		
	83082	Molecular Spectroscopy		
	83083	Magnetospheric Plasma Dynamics		
	83084	Physical Properties of Solids		
	83085	Interaction of Electromagnetic waves with Electron Beams & Plasmas		
<b>Choose Any One of The Following Subject</b>				
	83086	Energy Conversion Devices	21-08-2021 Saturday	04.30. p.m. To 05.30 p.m.
	83087	Nanostructured Materials		
	83088	Holography and Its Applications		
	83089	Ionospheric and Space Weather		
	83090	Semiconductor Devices		
	83091	Introduction to Quantum Field Theory		

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

Branch Code- Statistics ( C.B.C.S.)			From Oct--2019	
<b>Part I :- Sem.-I</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
I	74907	Real Analysis	29-09-2021 Wednesday	<b>From 12.30 p.m.  to 01.30 p.m.</b>
II	74908	Linear Algebra	30-09-2021 Thursday	
III	74909	Distribution Theory	01-10-2021 Friday	
IV	74910	Estimation Theory	04-10-2021 Monday	
V	74911	Statistical Computing	05-10-2021 Tuesday	

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

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

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

<b>Branch Code - STATISTICS ( C.B.C.S.) Old From Oct-2017</b>				
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
	69604	Asymptotic Inference	Tuesday 17-08-2021	12.30. p.m. To 01.30 p.m.
	6960	Elementary Stochastic Processes	Wednesday 18-08-2021	
	69606	Planning and Analysis of Industrial Experiments	Tuesday 24-08-2021	
<b>Paper No. XIV &amp; XV :- Choose Any Two of the Following Papers</b>				12.30. p.m. To 01.30 p.m.
	69604	Reliability Theory	Wednesday 25-08-2021	
	69605	Statistical Methods in Clinical Trials		
	69610	Regression Analysis	Friday 01-10-2021	04.30. p.m. To 05.30 p.m.

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

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

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

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

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

<b>Branch Code - STATISTICS ( C.B.C.S.)</b>			<b>From April-2021</b>	
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
<b>XVI</b>	83040	Generalized Linear Models	17-08-2021 Thursday	04.30. p.m. To 05.30 p.m..
<b>Choose Any One of the Following</b>				
<b>XVII</b>	83041	Survival Analysis	18-08-2021 Wednesday	04.30. p.m. To 05.30 p.m..
	83042	Actuarial statistics		
<b>Choose Any One of the Following</b>				
	83043	Biostatistics	20-08-2021 Friday	04.30. p.m. To 05.30 p.m..
	83044	Econometrics		
<b>Choose Any One of the Following</b>				
	83039	Optimization techniques	21-08-2021 Saturday	04.30. p.m. To 05.30 p.m..
	83175	Circular Data analysis		
<b>Choose Any One of the Following</b>				
	83045	Spatial data analysis	23-08-2021 Monday	04.30. p.m. To 05.30 p.m..
	83046	Statistical quality control		

**M.Sc. Applied Statistics & Informatics**

<b>Branch Code- Applied Statistics &amp; Informatics ( C.B.C.S.)</b>			<b>From Oct--2019</b>	
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	74974	Fundamentals Of Computer Programming	29-09-2021 Wednesday	<b>From 12.30 p.m.  to 01.30 p.m.</b>
II	74975	Linear Algebra	30-09-2021 Thursday	
III	74976	Distribution Theory	01-10-2021 Friday	
IV	74977	Estimation Theory	04-10-2021 Monday	
V	74978	Statistical Computing	05-10-2021 Tuesday	



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

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

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

<b>Branch Code - APPLIED STATISTICS &amp; INFORMATICS ( C.B.C.S.)Old From Oct-2019</b>				
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II &amp; IV</b>
X	74593	Data Base Management System	17-08-2021 Thursday	12.30. p.m. To 01.30 p.m.
XI	74594	Elementary Stochastic Processes	18-08-2021 Wednesday	
XII	74595	Planning And Analysis Of Industrial Experiments	20-08-2021 Friday	
XIII	74596	Design And Analysis Of Sample Surveys	24-08-2021 Tuesday	
<b>Choose Any One of the Following Papers</b>				12.30. p.m. To 01.30 p.m.
XIV	74598	Reliability Theory	25-08-2021 Wednesday	
	74599	Regression Analysis	Friday 01-10-2021	

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

<b>Branch Code - APPLIED STATISTICS&amp; INFORMATICS ( C.B.C.S.) NewFrom Oct-2020</b>				
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II &amp; IV</b>
<b>X</b>	80591	Data Base Management System	17-08-2021 Thursday	12.30. p.m. To 01.30 p.m
<b>Choose Any One of the Following</b>				
XI	80594	Stochastic Processes	18-08-2021	
	80595	Functional Data Analysis	Wednesday	
<b>Choose Any One of the Following</b>				12.30. p.m. To 01.30 p.m
XII	80596	Data Mining	20-08-2021	
	80597	Artificial Intelligence	Friday	
<b>Choose Any One of the Following</b>				12.30. p.m. To 01.30 p.m
XIII	80598	Time Series Analysis	21-08-2021	
	80599	Statistical Ecology	Saturday	
<b>Choose Any One of the Following</b>				12.30. p.m. To 01.30 p.m
XIV	80592	Multivariate Analysis	23-08-2021	
	80593	Bayesian Inference	Monday	
	81347	Regression Analysis	01-10-2021 Friday	

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

<b>Branch Code - APPLIED STATISTICS &amp; INFORMATICS ( C.B.C.S.) From April-2020</b>				
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II &amp; IV</b>
<b>XV</b>	79378	Optimization Techniques	21-08-2021 Saturday	04.30. p.m. To 05.30 p.m..
<b>XVI</b>	79379	Python for Data Science	24-08-2021 Friday	
<b>Choose Any Three of the Following Papers (Paper No-XVII to XX)</b>				
	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**

<b>Branch Code - APPLIED STATISTICS &amp; INFORMATICS ( C.B.C.S.)</b>				
<b>From April-2021</b>				
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
<b>XVI</b>	82941	Generalized Linear Models	17-08-2021 Thursday	04.30. p.m. To 05.30 p.m..
<b>Choose Any One of the Following</b>				
<b>XVII</b>	82942	Survival Analysis	18-08-2021 Wednesday	04.30. p.m. To 05.30 p.m..
	83042	Actuarial statistics		
<b>Choose Any One of the Following</b>				
<b>XVIII</b>	83238	Biostatistics	20-08-2021 Friday	04.30. p.m. To 05.30 p.m..
	82946	Econometrics		
<b>Choose Any One of the Following</b>				
<b>XIX</b>	82939	Optimization techniques	21-08-2021 Saturday	04.30. p.m. To 05.30 p.m..
<b>Choose Any One of the Following</b>				
<b>XX</b>	83045	Spatial data analysis	23-08-2021 Monday	04.30. p.m. To 05.30 p.m..
	82943	Statistical quality control		

**M.Sc. Environmental Science**

<b>Branch Code- Environmental Science ( C.B.C.S.)</b>			<b>From Oct-2019</b>	
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	74901	Introduction To Environmental Science	29-09-2021 Wednesday	<b>From 12.30 p.m.  to  01.30 p.m.</b>
II	74902	Environmental Chemistry	30-09-2021 Thursday	
III	74903	Environmental Biology	01-10-2021 Friday	
IV	74904	Information Technology In Environmental Sciences	04-10-2021 Monday	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			March- 2020	
<b>Part I :- Sem.-II</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
V	79477	Environmental Engineering	29-09-2021 Wednesday	04.30. p.m. To 05.30 p.m..
VI	79478	Environmental Pollution and control	30-09-2021 Thursday	
VII	79479	Environmental Geosciences and Climatology	01-10-2021 Friday	
VIII	79480	Energy studies	04-10-2021 Monday	
IX	79481	Environmental Monitoring and Energy Studies	05-10-2021 Tuesday	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			from Oct 2014	
<b>Part II :- Sem.-III</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
X	64165	Natural Resources and their Management	25-08-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
XI	64166	Environmental Statistics and Computer Applications	26-08-2021 Thursday	
XII	64167	Environmental Policy and legislation	27-08-2021 Friday	
XIII	64168	Environmental Toxicology and Public Health	28-08-2021 Saturday	
XIV	64648	Vermicomposting	30-08-2021 Monday	

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			from Oct 2020	
<b>Part II :- Sem.-III</b>				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
X	80582	Natural Resources and their Conservation	25-08-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
XI	80583	Environmental Statistics and Computer Applications	26-08-2021 Thursday	
XII	80584	Environmental Policy and Legislation	27-08-2021 Friday	
XIII	80585	Environmental Toxicology and Public Health	28-08-2021 Saturday	

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

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

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

Branch Code- ENVIRONMENTAL SCIENCE (C.B.C.S.)			From April-2021	
Part II :- Sem.-IV				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
XIII	83050	Socio- Economic Aspects of Environment	25-08-2021 Wednesday	04.30. p.m. To 05.30 p.m..
XIV	83051	Environmental Hazards and Disaster Management	26-08-2021 Thursday	
XV	83052	Environmental Planning and Management	27-08-2021 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.C.S.)			From Oct-2019	
Part I :- Sem.-I				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
I	74919	Principles Of Food Processing & Preservation	29-09-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
II	74920	Food Microbiology	30-09-2021 Thursday	
III	74921	Food Chemistry	01-10-2021 Friday	
IV	74922	Biochemistry And Nutrition	04-10-2021 Monday	

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

<b>Branch Code- FOOD SCIENCE &amp; TECHNOLOGY ( C.B.C.S.) From April-2020</b>				
Part I :- Sem.-II				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
V	79374	Fruit and Vegetable Technology	29-09-2021 Wednesday	04.30. p.m. To 05.30 p.m..
VI	79372	Principles of Food Engineering	30-09-2021 Thursday	
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.] Old**

<b>Branch Code- FOOD SCIENCE &amp; TECHNOLOGY ( C.B.C.S.) From Oct-2014</b>				
Part II :- Sem.-III				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
IX	64191	Technology of Meat, Fish & Poultry Products	25-08-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
X	64192	Technology of Milk & Milk Products	26-08-2021 Thursday	
XI	64193	Food Quality & Safety Management	27-08-2021 Friday	
XII	64194	Food Additives, Contaminants & Toxicology	28-08-2021 Saturday	

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

<b>Branch Code- FOOD SCIENCE &amp; TECHNOLOGY ( C.B.C.S.) From Oct-2020</b>				
Part II :- Sem.-III				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
	80990	Technology of Meat, Fish and Poultry Products	25-08-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m.</b>
	80991	Technology of Milk and Milk Products	26-08-2021 Thursday	
	80993	Food Quality and Safety Management	27-08-2021 Friday	
	80992	Food Additives, Contaminants and Toxicology	28-08-2021 Saturday	

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

<b>Branch Code- FOOD SCIENCE &amp; TECHNOLOGY ( C.B.C.S.) From April-2015</b>				
Part II :- Sem.-IV				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
XIII	65134	Food Packaging	25-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
XIV	65135	Technology of Oilseeds & Fats	26-08-2021 Thursday	
XV	65136	Food Biotechnology	27-08-2021 Friday	
XVI	65137	Post-Harvest Technology of Plantation Crops	28-08-2021 Saturday	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY ( C.B.C.S.) From April-2021				
		Part II :- Sem.-IV		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
XIII	82952	Food Packaging	25-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
XIV	82949	Technology of Oilseeds & Fats	26-08-2021 Thursday	
XV	82950	Food Biotechnology	27-08-2021 Friday	
XVI	82951	Post-Harvest Technology of Plantation Crops	28-08-2021 Saturday	

### M.Sc Alcohol Technology

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

Branch Code- Alcohol Technology ( C.B.C.S.) From May--2017				
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
I	68596	Organic Chemistry	28-09-2021 Tuesday	From 12.30 p.m.  to  01.30 p.m
II	68597	Basic of Fermentation	29-09-2021 Wednesday	
III	68598	Alcohol Technology - I	30-09-2021 Thursday	
IV	68599	Microbiology – I	01-10-2021 Friday	

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

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

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

<b>Branch Code - Alcohol Technology ( C.B.C.S. )</b>			<b>(From Oct-2017)</b>	
<b>Part I - Sem II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
V	68602	Bio-Chemistry	28-09-2021 Tuesday	04.30. p.m. To 05.30 p.m
VI	68603	Fermentation Technology	29-09-2021 Wednesday	
VII	68604	Alcohol Technology	30-09-2021 Thursday	
VIII	68605	Microbiology	01-10-2021 Friday	

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

<b>Branch Code - Alcohol Technology ( C.B.C.S. )</b>			<b>(From April-2021)</b>	
<b>Part I - Sem II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
V	68602	Industrial Fermentation	28-09-2021 Tuesday	04.30. p.m. To 05.30 p.m
VI	68603	Alcohol Technology-II	29-09-2021 Wednesday	
VII	68604	Applied Microbiology	30-09-2021 Thursday	
VIII	68605	Applied Process Instrumentation	01-10-2021 Friday	

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

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



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

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

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

<b>Branch Code- Sugar Technology ( C.B.C.S.)</b>			<b>From May--2017</b>	
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	68608	Sugar Cane Agriculture	28-09-2021 Tuesday	<b>From 12.30 p.m. to 01.30 p.m</b>
II	68609	Sugar Processing-Clarification	29-09-2021 Wednesday	
III	68610	Sugar Engineering-Milling	30-09-2021 Thursday	
IV	68611	Chemical Control	01-10-2021 Friday	

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

<b>Branch Code- Sugar Technology ( C.B.C.S.)</b>			<b>From Oct--2020</b>	
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	81087	Sugar Cane Agriculture	28-09-2021 Tuesday	<b>From 12.30 p.m. to 01.30 p.m</b>
II	81088	Sugar Processing-Clarification & Evaporation	29-09-2021 Wednesday	
III	81089	Sugar Engineering-Milling	30-09-2021 Thursday	
IV	81090	Chemical Control	01-10-2021 Friday	

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

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

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

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

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

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

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

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

## M.Sc. Medical Information Management

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

<b>Branch Code- Medical Information Management</b>				<b>From Oct--2019</b>
		Part I :- Sem.-I		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-II
I	79007	Information Technology in Health Sciences	28-09-2021 Tuesday	<b>From 12.30 p.m.  to  01.30 p.m</b>
II	79008	Introduction to Biological Sciencens	29-09-2021 Wednesday	
III	79009	Medical Informatics	30-09-2021 Thursday	
IV	79010	German Language –A1	01-10-2021 Friday	

<b>Branch Code- Medical Information Management ( C.B.C.S.)</b>				<b>From April-2020</b>
		Part I :- Sem.-II		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
V	80827	Research Methods and Statistics	28-09-2021 Tuesday	04.30. p.m. To 05.30 p.m
VI	80828	Clinical Data and Quality Management	29-09-2021 Wednesday	
VII	80829	Clinical Quality Management	30-09-2021 Thursday	
VIII	80830	Clinical Data Management	01-10-2021 Friday	

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

<b>Branch Code- Medical Information Management ( C.B.C.S.)</b>			<b>From Oct--2020</b>	
		Part II :- Sem.-III		
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
IX	81112	Clinical Data Management-II	11-08-2021 Wednesday	<b>12.30 p.m.</b> <b>to</b> <b>01.30 p.m</b>
X	81113	Clinical Quality Management-II	12-08-2021 Thursday	
XI	81114	Project Management and Project Presentation	13-08-2021 Friday	
XII	81115	Module to deepen Knowledge Clinical Research Biostatistics, Epidemiology.	14-08-2021 Saturday	

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

<b>Branch Code- Medical Information Management ( C.B.C.S.)</b>			<b>From April--2021</b>	
		Part II:- Sem.-IV		
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
XIII	82956	Research problem identification and review of literature	11-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
XIV	82957	Synopsis submission, and presentation	12-08-2021 Thursday	
XV	82958	Mid-term evaluation by presentation	13-08-2021 Friday	
XVI	82960	Viva Voce	14-08-2021 Saturday	

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

<b>Brnch Code- Geography ( C.B.C.S.)</b>			<b>From Oct--2019</b>	
<b>Part I :- Sem.-I</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	74960	Fundamentals of Geomorphology	29-09-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m</b>
II	74961	Principles of Climatology	30-09-2021 Thursday	
III	74962	Economic Geography	01-10-2021 Friday	
IV	74963	Geography of Population and Human Resource Development	04-10-2021 Monday	

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

<b>Branch Code - GEOGRAPHY ( C.B.C.S.)</b>			<b>(From April-2020)</b>	
<b>Part I - Sem II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
I	79307	Applied Geomorphology	29-09-2021 Wednesday	04.30. p.m. To 05.30 p.m
II	79308	Applied Climatology and Climate Change	30-09-2021 Thursday	
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**

<b>Branch Code - GEOGRAPHY ( C.B.C.S.)</b>			<b>(From Oct-2019)</b>	
<b>Part II - Sem III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-III</b>
	74016	Geohydrology and Oceanography	11-08-2021 Wednesday	<b>From 12.30 p.m. to 01.30 p.m</b>
	74017	Fundamentals of Remote Sensing and Digital Image Processing	12-08-2021 Thursday	
	74022	Research Methodology in Geography	13-08-2021 Friday	
	74023	Photogrammetry, Remote Sensing and Digital Image Processing	14-08-2021 Saturday	
<b>Choose Any One of the Following Papers</b>				<b>From 12.30 p.m. to 01.30 p.m</b>
VII	74018	Geography of Environment	17-08-2021 Tuesday	
	74019	Biogeography		
<b>Choose Any One of the Following Papers</b>				<b>From 12.30 p.m. to 01.30 p.m</b>
VIII	74020	Settlement Geography	18-08-2021 Wednesday	
	74021	Advance Cartography and Surveying		

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

<b>Branch Code - GEOGRAPHY ( C.B.C.S.)</b>			<b>(From Oct-2020)</b>	
<b>Part II - Sem III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-III</b>
V	81148	Geohydrology and Oceanography	11-08-2021 Wednesday	<b>From 12.30 p.m.</b> <b>to</b> <b>01.30 p.m</b>
VI	81149	Fundamentals of Remote Sensing and Digital Image Processing	12-08-2021 Thursday	
<b>Choose Any One of the Following Papers</b>				<b>From 12.30 p.m.</b> <b>to</b> <b>01.30 p.m</b>
VII	81150	Geography of Environment	17-08-2021 Tuesday	
	81151	Biogeography		
<b>Choose Any One of the Following Papers</b>				<b>From 12.30 p.m.</b> <b>to</b> <b>01.30 p.m</b>
VIII	81152	Settlement Geography	18-08-2021 Wednesday	
	81153	Geography of India		
	81154	Political Geography		

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

<b>Branch Code - GEOGRAPHY ( C.B.C.S.)</b>			<b>From April-2020</b>	
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
IX	79489	Development of Modern Geographical Thought	11-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
X	79490	Regional Planning and Development	12-08-2021 Thursday	
<b>Choose Any One Of The Following Papers</b>				04.30. p.m. To 05.30 p.m
XI	79493	Tourism Geography	13-08-2021 Friday	
	79494	Agricultural Geography		
<b>Choose Any One Of The Following Papers</b>				04.30. p.m. To 05.30 p.m
XII	79491	Fundamentals of Geographical Information System and Introduction	14-08-2021 Saturday	
	79492	Fundamental of Soil Geography		

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

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

## M.A/M.Sc. Mathematics

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

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

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

C.N. 217

Branch Code - Mathematics ( C.B.C.S.)			(From April-2020	
Part I - Sem II				
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-IV
VI	71421/ 79315	Functional Analysis	29-09-2021 Wednesday	04.30. p.m. To 05.30 p.m
VII	71422/ 79316	Algebra	30-09-2021 Thursday	
VIII	71423/ 79317	General Topology	01-10-2021 Friday	
IX	71424/ 79318	Numerical Analysis	04-10-2021 Monday	
X	71425/ 79319	Partial Differential Equations	05-10-2021 Tuesday	



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

<b>Branch Code - Mathematics ( C.B.C.S.)</b>		<b>(From April-2020)</b>		
<b>Part II - Sem III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
XI	59829/ 73976	Real Analysis	11-08-2021 Wednesday	12.30. p.m. To 01.30 p.m
XII	73977	Field Theory	12-08-2021 Thursday	12.30. p.m. To 01.30 p.m
<b>XIII, XIV &amp; XV Any Three of the following Papers</b>				
	63307/ 73978	Number Theory	13-08-2021 Friday	12.30. p.m. To 01.30 p.m
	63316/ 73979	Operations Research – I	14-08-2021 Saturday	
	63314/ 73980	Fuzzy Mathematics –I	17-08-2021 Tuesday	
	63305/ 73981	Fluid Dynamics	18-08-2021 Wednesday	
	73982	Fractional Calculus	20-08-2021 Friday	
	73983	General Relativity – I	21-08-2021 Saturday	
	73984	Lattice Theory – I	23-08-2021 Monday	
	73985	Approximation Theory	24-08-2021 Tuesday	
	73986	Dynamical Systems – I	25-08-2021 Wednesday	
	73987	Graph Theory-I	26-08-2021 Thursday	
	61385/ 73988	Differential Geometry	27-08-2021 Friday	
	63320/ 73989	Combinatorics	28-08-2021 Saturday	
	73990	Topological Vector Spaces	30-08-2021 Monday	
	73991	Commutative Algebra - I	31-08-2021 Tuesday	
	63312/ 73992	Space Dynamics- I	01-09-2021 Wednesday	
	73993	Theory of Computation	02-09-2021 Thursday	
	73994	Algebraic Topology	03-09-2021 Friday	

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

<b>Branch Code - Mathematics ( C.B.C.S.)</b>		<b>(From Oct-2020)</b>		
		<b>Part II - Sem III</b>		
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
XI	80960	Real Analysis	11-08-2021 Wednesday	12.30. p.m. To 01.30 p.m
<b>Any one of the following</b>				
XII	63304/ 79322/ 80961	Advanced Discrete Mathematics	30-08-2021 Monday	12.30. p.m. To 01.30 p.m
	80962	Topological Vector Spaces		
<b>XIII, XIV &amp; XV Any Three of the following Papers</b>				
	80963	Number Theory	13-08-2021 Friday	12.30. p.m. To 01.30 p.m
	80964	Operations Research – I	14-08-2021 Saturday	
	80965	Fuzzy Mathematics –I	17-08-2021 Tuesday	
	80966	Fluid Dynamics	18-08-2021 Wednesday	
	80967	Fractional Calculus	20-08-2021 Friday	
	80968	General Relativity – I	21-08-2021 Saturday	
	80969	Lattice Theory – I	23-08-2021 Monday	
	80970	Approximation Theory	24-08-2021 Tuesday	
	80971	Dynamical Systems – I	25-08-2021 Wednesday	
	80972	Graph Theory-I	26-08-2021 Thursday	
	80973	Differential Geometry	27-08-2021 Friday	
	80974	Combinatorics	28-08-2021 Saturday	
	80979	Probability and Stochastic Processes	30-08-2021 Monday	
	80975	Commutative Algebra - I	31-08-2021 Tuesday	
	80976	Space Dynamics- I	01-09-2021 Wednesday	
	80977	Theory of Computation	02-09-2021 Thursday	
	80978	Algebraic Topology	03-09-2021 Friday	

<b>Branch Code - MATHEMATICS ( C.B.C.S.) Old</b>				<b>(From April-2020)</b>
<b>Part II :- SEM-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
XVI	79322	Advance Discrete Mathematics	11-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
XVII	63336/ 79321	Integral Equation	12-08-2021 Thursday	
<b>Paper No. – XVIII, XIX &amp; XX – Choose any Three of the following</b>				04.30. p.m. To 05.30 p.m
	79476	Dynamics Equations on Time Scales	13-08-2021 Friday	04.30. p.m. To 05.30 p.m
	63335/ 79327	Fractional Differential Equations	14-08-2021 Saturday	
	63330/ 79328	General Relativity-II	17-08-2021 Tuesday	04.30. p.m. To 05.30 p.m
	63324/ 79329	Lattice Theory-II	18-08-2021 Wednesday	
	79325	Fuzzy Mathematics-II	20-08-2021 Friday	
	79332	Graph Theory-II	21-08-2021 Saturday	
	63329/ 79326	Computational Fluid Dynamics	23-08-2021 Monday	
	63323/ 79324	Operations Research –II	24-08-2021 Tuesday	
	63324/ 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	

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

<b>Branch Code- Mathematics ( C.B.C.S.)</b>				<b>From April—2021</b>
Part II :- Sem.-IV				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
	<b>69567/ 63326/ 83058</b>	Field Theory	11-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
<b>Any one of the following</b>				
	83057	Integral Equations	03-09-2021 Friday	04.30. p.m. To 05.30 p.m
		Measure and Integration		
<b>Paper No. – XVIII, XIX &amp; XX – Choose any Three of the following</b>				
	<b>83059</b>	Algebraic Number Theory	25-08-2021 Wednesday	04.30. p.m. To 05.30 p.m
	<b>83060</b>	Operations Research –II	24-08-2021 Tuesday	
	<b>83061</b>	Fuzzy Mathematics-II	20-08-2021 Friday	
	<b>83062</b>	Computational Fluid Dynamics	23-08-2021 Monday	
	<b>83063</b>	Fractional Differential Equations	14-08-2021 Saturday	
	<b>83066</b>	Wavelet Analysis	26-08-2021 Thursday	
	<b>83072</b>	Commutative Algebra-II	28-08-2021 Saturday	
	<b>83073</b>	Space Dynamics-II	01-09-2021 Wednesday	
	<b>83074</b>	Dynamics Equation on Time Scales	13-08-2021 Friday	

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

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

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

<b>Branch Code - M.Sc.TECH ( MATHEMATICS ) ( C.B.C.S.) (Revised From April-2019)</b>				
<b>Part I :- Sem.-II</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
I	71460	Functional Analysis	Wednesday 29-09-2021	<b>From 04.30 p.m. to 05.30 p.m.</b>
II	71461	Algebra	Thursday 30-09-2021	
IV	71464	Operating Systems	Friday 01-10-2021	
V	71463	Data Structures Using-C	Monday 04-10-2021	
III	71462	Discrete Mathematical Structures-II	Tuesday 05-10-2021	

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

<b>Branch Code - M.Sc. TECH ( MATHEMATICS ) ( C.B.C.S.) (Revised From Oct-2019)</b>				
<b>Part II :- Sem.-III</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-II</b>
I	74024	Complex Analysis	02-09-2021 Thursday	<b>From 12.30 p.m. to 01.30 p.m.</b>
II	74025	ODE	03-09-2021 Friday	
IV	74026	DAA-I	04-09-2021 Saturday	
V	74027	Database System	06-09-2021 Monday	
III	74028	Object Oriented Programming with C++	07-09-2021 Tuesday	

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

<b>Branch Code - M.Sc. TECH ( MATHEMATICS ) ( C.B.C.S.) From April-2016</b>				
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
I	67155	Functional Analysis	02-09-2021 Thursday	<b>From 04.30 p.m. to 05.30 p.m.</b>
II	67156	Differential Equations	03-09-2021 Friday	
IV	67157	Design and Analysis of Algorithms-II	04-09-2021 Saturday	
V	67158	Object Oriented Programming With Java	06-09-2021 Monday	
VI	67159	Linux Operating System	07-09-2021 Tuesday	

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

<b>Branch Code - M.Sc. TECH ( MATHEMATICS ) ( C.B.C.S.) From Oct-2020</b>				
<b>Part II :- Sem.-IV</b>				
<b>PAPER NO.</b>	<b>PAPER CODE</b>	<b>PAPER NAME</b>	<b>DAY &amp; DATE</b>	<b>Session-IV</b>
I	79483	Real Analysis	02-09-2021 Thursday	<b>From 04.30 p.m. to 05.30 p.m.</b>
II	79884	Operation Research	03-09-2021 Friday	
IV	79485	DAA-II	04-09-2021 Saturday	
V	79486	PHP With MySQL	06-09-2021 Monday	
VI	79487	Java Programming	07-09-2021 Tuesday	

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

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

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

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

**Vidyanagar,  
Kolhapur – 416 004  
Date :- 03 August 2021**

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