



**SHIVAJI UNIVERSITY KOLHAPUR**

**Circular No. 169 Winter Session**

**Online October/November 2021 to be held in April / May -2022**

**RE-Exam Final Programme of M.Sc.(Course Code 205), M.A./M.Sc. Geography (Course Code 412) & M.Sc. Tech. (Mathematic) (Course Code 252) Examination October/November 2021 to be held in April/May-2022**

**INSTRUCTIONS:-Common instruction as per Circular No. SU/Appointment/RVC//128**

**Dated 18-04- 2022, and also available in University website [www.unishivaji.ac.in](http://www.unishivaji.ac.in).**

1. The Online examination will be conducted in following order

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

**( Course Code -2341)**

<b>Branch Code- PHYSICS ( 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-I</b>
I	83502/71428/ 74934	Mathematical Physics	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
II	83503/71429/ 74935	Classical Mechanics	Tuesday 26/04/2022	
III	83504/71430/ 74936	Quantum Mechanics-I	Wednesday 27/04/2022	

**M.Sc. Physics**

**( Course Code -205)**

<b>Branch Code - Physics ( C.B.C.S.) From</b>				<b>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-II</b>
	79545	Electrodynamics	Monday 25/04/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>

<b>Branch Code - Physics ( C.B.C.S.) From</b>				<b>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>
	80820	Nuclear and Particle Physics	Monday 25/04/2022	<b>From 02.30 p.m. to 03.30 p.m.</b>
	81094	Laser Physics(LP)	Tuesday 26/04/2022	
	81096	Thin Solid Films : Deposition And Properties(TSFDAP)	Wednesday 27/04/2022	
	81102	Semi Conductor Physics(SP)	Thursday 28/04/2022	
	81116	Data Analysis and Statistical Software(DASF)	Friday 29/04/2022	
	81118	Computational Programming using Mathematical (CP)	Saturday 30/04/2022	

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

<b>Branch Code - STATISTICS ( C.B.C.S.)</b>			<b>From April-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-I</b>
<b>I</b>	83438	Real Analysis	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
<b>II</b>	83439	Linear Algebra	Tuesday 26/04/2022	
<b>III</b>	83440	Distribution Theory	Wednesday 27/04/2022	
<b>IV</b>	83441	Estimation Theory	Thursday 28/04/2022	
<b>V</b>	83442	Statistical Computing	Friday 29/04/2022	

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

<b>Branch Code - STATISTICS ( 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>
<b>XI</b>	80980	Asymptotic Inference	Monday 25/04/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>
<b>XV</b>	80981	Multivariate Analysis	Tuesday 26/04/2022	
<b>XII</b>	80983	Stochastic Processes	Wednesday 27/04/2022	
<b>XIV</b>	80987	Time Series Analysis	Thursday 28/04/2022	

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

<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</b>
	71110/ 83041	Survival Analysis(SA)	Monday 25/04/2022	<b>From 04.30 p.m. to 05.30 p.m.</b>

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

Branch Code - APPLIED STATISTICS& INFORMATICS ( C.B.C.S.)		New From Oct-2020		
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session- I
I	83404	Fundamentals Of Computer Programming	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
III	83406	Distribution Theory	Wednesday 27/04/2022	
IV	83407	Estimation Theory	Thursday 28/04/2022	
V	83408	Statistical Computing	Friday 29/04/2022	

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

Branch Code - APPLIED STATISTICS& INFORMATICS ( C.B.C.S.)		New From Oct-2020		
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session- II
XI	80594	Stochastic Processes	Wednesday 27/04/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>
XII	80596	Data Mining	Friday 29/04/2022	
XIII	80598	Time Series Analysis	Thursday 28/04/2022	

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

Branch Code- FOOD SCIENCE & TECHNOLOGY ( C.B.C.S.)		From Oct-2020		
		Part II :- Sem.-III		
PAPER NO.	PAPER CODE	PAPER NAME	DAY & DATE	Session-I
	80990	Technology of Meat, Fish and Poultry Products	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>

**M.Sc. ALCOHOL TECHNOLOGY [ C.B.C.S.] New 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
	83395	Bio-Chemistry	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>

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

<b>Branch 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-III</b>
I	74960/84073/ 72008/84073	Fundamentals of Geomorphology	Monday 25/04/2022	<b>From 02.30 p.m. to 03.30 p.m.</b>
II	74961/59910/ 72009	Principles of Climatology	Tuesday 26/04/2022	
IV	74963/59912/ 72011/84076	Geography of Population and Human Resource Development	Wednesday 27/04/2022	

**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-I</b>
I	79307	Applied Geomorphology	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
II	79308	Applied Climatology and Climate Change	Tuesday 26/04/2022	

**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-II</b>
V	81148	Geohydrology and Oceanography	Monday 25/04/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>
VI	81149	Fundamentals of Remote Sensing and Digital Image Processing	Tuesday 26/04/2022	
<b>Choose Any One of the Following Papers</b>				
VII	81151	Biogeography	Wednesday 27/04/2022	
<b>Choose Any One of the Following Papers</b>				
VIII	81152	Settlement Geography	Thursday 28/04/2022	
	81153	Geography of India		
	81154	Political Geography		

**M.A./M.Sc. Geography [C.B.C.S.] Old****Branch Code - GEOGRAPHY ( C.B.C.S.)**

<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>
	79489/65005/ 79489/82982	Development of Modern Geographical Thought	Monday 25/04/2022	<b>From 04.30 p.m. to 05.30 p.m.</b>

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

<b>- 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-I</b>
I	74024/65753/	Complex Analysis	Wednesday 27/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
II	74025/67156	ODE	Thursday 28/04/2022	

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

<b>Branch Code- Tech. Mathematics ( C.B.C.S.)</b>				<b>From Oct--2018</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-I</b>
V	71453	Advanced Calculus	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
III	71454	Linear Algebra	Tuesday 26/04/2022	

**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-I</b>
III	74028	Object Oriented Programming with C++	Friday 29/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>

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

**( Course Code -2341)**

<b>Branch Code- Mathematics ( 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-I</b>
I	83480	Advance Calculus	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
II	83481	Linear Algebra	Tuesday 26/04/2022	
III	83482	Complex Analysis	Wednesday 27/04/2022	
IV	83483	Classical Mechanics	Thursday 28/04/2022	
V	83484	Ordinary Differential Equations	Friday 29/04/2022	

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

<b>Branch Code- Mathematics ( 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-I</b>
I	71415/ 59828	Advance Calculus	Monday 25/04/2022	<b>From 10.30 a.m. to 11.30 a.m.</b>
II	71416/ 61381	Linear Algebra	Tuesday 26/04/2022	
III	71417/ 61383	Complex Analysis	Wednesday 27/04/2022	
IV	71418/ 59831	Classical Mechanics	Thursday 28/04/2022	
V	71419/ 59830	Ordinary Differential Equations	Friday 29/04/2022	

**M.A/M.Sc. Mathematics**

<b>Branch Code - Mathematics ( 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-II</b>
VI	71421/79315/ 63303/79052	Functional Analysis	Monday 25/04/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>
VII	71422/79316/ 59827	Algebra	Tuesday 26/04/2022	
VIII	71423/79317/ 61382	General Topology	Wednesday 27/04/2022	
IX	71424/79318/ 69566	Numerical Analysis	Thursday 28/04/2022	
X	71425/79319/ 63319	Partial Differential Equations	Friday 29/04/2022	

**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-III</b>
	59829/73976/ 80960	Real Analysis	Monday 25/04/2022	<b>From 02.30 p.m. to 03.30 p.m.</b>
	63304/79322/ 80961	Advanced Discrete Mathematics	Tuesday 26/04/2022	
	63316/73979/ 80964	Operations Research – I	Wednesday 27/04/2022	
	63314/73980/ 80965	Fuzzy Mathematics –I	Thursday 28/04/2022	
	80963/63307/ 73978	Number Theory	Friday 29/04/2022	
	80979	Probability and Stochastic Processes	Saturday 30/04/2022	
	73982/80967	Fractional Calculus	Saturday 30/04/2022	<b>From 11.30 a.m. to 12.30 a.m.</b>
	73984/80969	Lattice Theory – I	Monday 02/05/2022	<b>From 04.30 p.m. to 05.30 p.m.</b>
	63309/73985/ 80970	Approximation Theory	Saturday 30/04/2022	
	61385/73988	Differential Geometry	Monday 02/05/2022	<b>From 11.30 a.m. to 12.30 a.m.</b>
	63320/73989/ 80974/46271	Combinatorics	Monday 02/05/2022	<b>From 12.30 p.m. to 01.30 p.m.</b>
	63312/73992/ 80976	Space Dynamics- I	Monday 02/05/2022	<b>From 02.30 p.m. to 03.30 p.m.</b>

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

<b>Branch Code - Mathematics ( C.B.C.S.)</b>		<b>(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>
	<b>69567/63326/ 83058/73977</b>	Field Theory	Monday 25/04/2022	<b>From 04.30 p.m. to 05.30 p.m.</b>
	63323/83060	Operations Research – II	Tuesday 26/04/2022	
	63328/83061	Fuzzy Mathematics –II	Wednesday 27/04/2022	
	63326/79321/ 83057	Integral Equations	Thursday 28/04/2022	

**Vidyanagar,  
Kolhapur – 416 004  
Date :- 19 April 2022**

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