

*Progressive Education Society's*  
**Modern College of Arts, Science and Commerce (Autonomous),**  
**Shivajinagar, Pune 5**

**(An Autonomous College Affiliated to Savitribai Phule Pune University)**

## **Framework of Syllabus**

**For**

**B.Sc . (Geography)**

(Based on NEP 2020 framework)

**(To be implemented from the Academic Year 2023-24)**

### Semester 1 (First Year)

Course Type	Course	Subject Code	Course / Paper Title	Hours / Week	Credit	CIA	ESE	Total
<b>Major Mandatory (4 + 2)</b>	Major Paper 1 (Theory)							
	Major Paper 2 (Practical)							
<b>Major Electives</b>	-							
<b>Minor</b>	-							
<b>OE (2)</b>	Theory	23ScGeoU1401	Geography of Disaster Management –I (T)	2	4	40	60	100
		23ScGeoU1402	Democracy, Election and Governance	2				
<b>VSC (2)</b>	Major Specific Practical I							
<b>SEC (2)</b>	Skill Paper 1 (Practical)							
<b>AEC(2),</b>	English Theory							
<b>VEC (2)</b>	EVS Theory							
<b>IKS (2)</b>	Major Specific Theory							
<b>CC (2)</b>	CC-I Course							
Total				4	4	40	60	100

## Semester 2 (First Year)

Course Type	Course	Course Code	Course / Paper Title	Hours / Week	Credit	CIA	ES E	Total
Major Mandatory (4 + 2)	Major Paper 3 (Theory)							
	Major Paper 4 (Practical)							
Major Electives	-							
Minor	Minor Paper I (Practical)	23ScGeoU2301	Techniques in Physical Geography (P)	4	2	20	30	50
OE (2 + 2)		23ScGeoU2401	Geography of Disaster Management –II (T)	2	4	40	60	100
		23ScCopU2402	Fundamentals of Music	2				
VSC (2)	Major Specific Practical II							
SEC (2)	Skill Paper II (Practical)							
AEC(2),	English Theory							
VEC (2)	EVS Theory							
IKS (2)								
CC (2)	CC-II Course							
<b>Total</b>				<b>8</b>	<b>4</b>	<b>60</b>	<b>90</b>	<b>150</b>

## Semester 3 (Second Year)

<b>Cou rse Type</b>	<b>Course</b>	<b>Course Code</b>	<b>Course / Paper Title</b>	<b>Hours / Wee k</b>	<b>Credit</b>	<b>CIA</b>	<b>ES E</b>	<b>Total</b>
<b>Major Mandato ry ( 4 + 4)</b>	Major Core Paper 5 (Theory)							
	Major Paper 6 (Practical)							
<b>Major Electiv es</b>	-							
<b>Minor (4)</b>	Minor Paper II (Theory + Practical)	23ScGeoU3301	Fundamentals of Geomorphology (T + P)	4	4	40	60	100
<b>OE (2)</b>	Theory	23ScGeoU3401	Geography of Tourism I	2	2	20	30	50
<b>VSC (2)</b>								
<b>SEC (2)</b>								
<b>AEC(2),</b>								
<b>VEC (2)</b>								
<b>IKS (2)</b>								
<b>FP/CEP (2)</b>								
<b>CC(2)</b>								
<b>Total</b>				<b>8</b>	<b>6</b>	<b>60</b>	<b>90</b>	<b>150</b>

### Semester 4 (Second Year)

<b>Cou rse Type</b>	<b>Course</b>	<b>Course Code</b>	<b>Course / Paper Title</b>	<b>Hours / Wee k</b>	<b>Credit</b>	<b>CIA</b>	<b>ES E</b>	<b>Total</b>
<b>Major Mandato ry ( 4 + 4 )</b>	Major Core Paper 7 (Theory)							
	Major Paper 8 (Practical)							
<b>Major Electiv es</b>	-							
<b>Minor (4)</b>	Minor Paper III (Theory )	23ScGeoU4301	Fundamentals of Climatology (T + P)	6	4	40	60	100
<b>OE (2)</b>	Theory	23ScGeoU4401	Geography of Tourism II	2	2	20	30	50
<b>VSC (2)</b>	--		--	--	--	--	--	--
<b>SEC (2)</b>	Skill Paper III (Practical)							
<b>AEC(2),</b>	MIL							
<b>VEC (2)</b>	--							
<b>IKS (2)</b>	--		--	--	--	--	--	--
<b>FP / CEP(2)</b>	CEP –I							
<b>CC(2)</b>	CC-4							
<b>Total</b>				<b>8</b>	<b>6</b>	<b>60</b>	<b>90</b>	<b>150</b>

### **Semester 5 (Third Year)**

Course Type	Course Code	Course	Course / Paper Title	Hours / Week	Credit	CIA	ESE	Total
<b>Major Mandatory (4 + 4 + 2)</b>								
<b>Major Electives</b>								
<b>Minor (4)</b>	23ScGeoU5301	Minor Paper IV + (Theory Practical)	Watershed Management ( T + P)	2	4	40	60	100
				4				
<b>OE (2)</b>		--	--	--	--	--	--	--
<b>VSC (2)</b>								
<b>SEC (2)</b>		--	--	--	--	--	--	--
<b>AEC(2),</b>		--	--	--	--	--	--	--
<b>VEC (2)</b>		--	--	--	--	--	--	--
<b>IKS (2)</b>		--	--	--	--	--	--	--
<b>FP / CEP(2)</b>								
<b>Total</b>				<b>8</b>	<b>6</b>	<b>60</b>	<b>90</b>	<b>150</b>

### Semester 6 (Third Year)

Course Type	Course Code	Course	Course / Paper Title	Hours / Week	Credit	CIA	ESE	Total
<b>Major Mandatory (4 + 4 + 2)</b>								
<b>Major Electives</b>								
<b>Minor (4)</b>	23ScGeoU6301	Minor Paper V (Theory Practical)	<b>Introduction to Geoinformatics (T + P)</b>	2	4	40	60	100
				4				
<b>OE (2)</b>		--	--	--	--	--	--	--
<b>VSC (2)</b>								
<b>SEC (2)</b>		--	--	--	--	--	--	--
<b>AEC(2),</b>		--	--	--	--	--	--	--
<b>VEC (2)</b>		--	--	--	--	--	--	--
<b>IKS (2)</b>		--	--	--	--	--	--	--
<b>FP / CEP(2)</b>								
<b>Total</b>				<b>8</b>	<b>6</b>	<b>60</b>	<b>90</b>	<b>150</b>

OE : Open Elective

AEC: Ability Enhancement Course

VEC: value Education Courses

CC : Co-Curricular Courses

IKS : Indian Knowledge System  
OJT : On Job Training  
FP : Field Project  
VSC : Vocational Skill Courses  
CEP : Community Engagement Project