Structure and Detailed Syllabus

for

# **Undergraduate Course**

in



Under Curriculum and Credit Framework for Undergraduate Programmes (CCFUP) - NEP 2020



With effect from Academic Session 2023-24

Kazi Nazrul University Asansol 713 340 West Bengal & www.knu.ac.in &



### Scheme for the Curriculum under CCFUP (As per NEP 2020)

♦ Major Course (MJC)
BSCGEOMJ101 - Fundamentals of Physical Geography
BSCGEOMJ201 - Fundamentals of Human Geography
BSCGEOMJ301 - Climatology
BSCGEOMJ302 - Cartography and Surveying
BSCGEOMJ401 - Soil and Biogeography
BSCGEOMJ402 - Remote Sensing, GIS and GNSS
BSCGEOMJ501 - Economic and Transport Geography
BSCGEOMJ502 - Statistical Techniques in Geography
BSCGEOMJ503 - Basic Field Training and Field Report
BSCGEOMJ601 - Geographical Thought
BSCGEOMJ602 - Geography of India and West Bengal
BSCGEOMJ603 - Population and Settlement Geography
BSCGEOMJ604 - Advanced Remote Sensing and GIS
BSCGEOMJ701 - Advanced Geomorphology, Hydrology and Oceanography
BSCGEOMJ702 - Environmental Geography
BSCGEOMJ703 - Urban and Regional Planning
BSCGEOMJ704 - Advanced Analytical Techniques in Geography
BSCGEOMJ801 - Research Methodology in Geography
BSCGEOMJ802 - Geography of Development
BSCGEOMJ803 - Agricultural Geography and Landuse Planning
BSCGEOMJ804 - Social and Political Geography
♦ Minor Course (MNC)
BSCHGEOMN101 - Fundamentals of Physical Geography
BSCHGEOMN201 - Fundamentals of Human Geography
BSCHGEOMN301 - Climate Change: Vulnerability and Adaptations
BSCHGEOMN401 - Geospatial Science and Technology
BSCHGEOMN501 - Sustainable Resource Development
BSCHGEOMN701 - Geotourism
BSCHGEOMN801 - Rural Development

 $\diamond$  Multidisciplinary Course (MD): Courses from Other Disciplines

MD-1 - Physical Science (Department of Physics/ Chemistry)



- MD-1 E-Commerce (Department of Commerce/ BBA)
- MD-1 Human Rights (Department of Political Science)
- MD-1 Disaster Management (Department of Geography/ Geology)
- MD-1 Film Appreciation (Department of English)
- MD-2 Business Environment (Department of Commerce)
- MD-2 Adhunik Bangla Sahitya (Department of Bengali)
- MD-2 Adhunik Hindi Sahitya (Department of Hindi)
- MD-2 Application of Bio-Science (Department of Zoology/ Botany/ Microbiology)
- MD-2 Educational Philosophy (Department of Education)
- MD-2 Sports and Fitness (Department of Physical Education)
- MD-3 Mathematical Science (Department of Mathematics)
- MD-3 Cultural History of Bengal (Department of History)
- MD-3 Business Management (Department of BBA)
- MD-3 Nutrition and Public Health (Department of Nutrition)
- MD-3 Stress Management (Department of Psychology/ Philosophy/ Sociology)
- ♦ Ability Enhancement Compulsory Elective/ Course (AECE/ AECC)
- AEC-1 English/ MIL Communication
- AEC-2 English Communication
- ♦ Skill Enhancement Course (SEC)
- BSCGEOSE101 Elementary Practicals in Physical Geography
- BSCGEOSE201 Elementary Practicals in Human Geography
- BSCGEOSE401 Computer Applications in Geography
- ♦ Value Added Course (VAC)
- VAC201 Environment Studies
- VAC401 Health and Wellness
- VAC402 Social Values and Ethics
- VAC403 Digital and Technological Solutions
- VAC404 Understanding India
- Summer Internship/ Apprenticeship
- BSCGEOSI601 Summer Internship
- ♦ Research Project/ Dissertation
- BSCGEORP801 Research Project/ Dissertation



#### Syllabus (UG) Geography

# $\diamond$ Credits and Marks Distribution Scheme for Course Structure under CCFUP: UG Geography Discipline Code: BSCGEO

						Mar	ks Distribut	ion	
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern		inuous ent Marks	End Seme	ester Marks	Total
				(L-T-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks
	Major MJC-1	BSCGEOMJ101: Fundamentals of Physical Geography	5	4 - 1 - 0		30		70	100
	Minor MNC-1	Choose from the Pool of Minor Courses offered in 1 <sup>st</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100
I	MD Multidisciplinary Course-1	Choose from the Pool of Multidisciplinary Courses offered in 1 <sup>st</sup> Semester	3	3 - 0 - 0		15		35	50
Marks: 350 Credits: 20	Credits: 20 AEC-1 Ability Enhancement Elective Course	AECE: English/ MIL Communication (See Pool)	4	4 - 0 - 0		15		35	50
	SEC Skill Enhancement Course-1	BSCGEOSE101: Elementary Practicals in Physical Geography		0 - 0 - 6	30		20		50
	Major MJC-2	BSCGEOMJ201: Fundamentals of Human Geography	5	4 - 1 - 0		30		70	100
	Minor MNC-2	Minor Course opted for in the 1 <sup>st</sup> Semester should be continued in the 2 <sup>nd</sup> Semester with the Syllabus Content of 2 <sup>nd</sup> Semester	5	4 - 1 - 0		30		70	100
Marks: 350	MD Multidisciplinary Course-2	Choose from the Pool of Multidisciplinary Courses offered in 2 <sup>nd</sup> Semester	3	3 - 0 - 0		15		35	50
Credits: 20	VAC Value Added Course-1	VAC-201: Environment Studies	4	4 - 0 - 0		15		35	50
	SEC Skill Enhancement Course -2	BSCGEOSE201: Elementary Practicals in Human Geography	3	0 - 0 - 6	30		20		50



#### Syllabus (UG) Geography

Students exiting the programmes after securing 40 credits will be awarded UG Certificate in the relevant Discipline/ Subject, provided they secure 4 credits in work-based vocational courses offered during the Summer Term or Internship/ Apprenticeship in addition to 6 credits from skill-based courses earned during the first and second semesters.

						Mar	ks Distribut	ion	
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern (L-T-P)		inuous ent Marks	End Semo	ester Marks	Total
				(L-1-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks
	Major MJC-3	BSCGEOMJ301: Climatology	5	3 - 0 - 4	30	15	20	35	100
	Major MJC-4	BSCGEOMJ302: Cartography and Surveying	5	0 - 0 - 10	60		40		100
	Minor MNC-3	Choose from the Pool of Minor Courses offered in 3 <sup>rd</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100
Marks: 400 Credits: 22	MD Multidisciplinary Course-3	Choose from the Pool of Multidisciplinary Courses offered in 3 <sup>rd</sup> Semester	3	2 - 1 - 0		15		35	50
	AEC-2 Ability Enhancement Compulsory Course	AECC: English Communication		4 - 0 - 0		15		35	50
	Major MJC-5	BSCGEOMJ401: Soil and Biogeography	5	3 - 0 - 4	30	15	20	35	100
IV	Major MJC-6	BSCGEOMJ402: Remote Sensing, GIS and GNSS	5	3 - 0 - 4	30	15	20	35	100
Marks: 400 Credits: 22	Minor MNC-4	Choose from the Pool of Minor Courses offered in 4 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100
	SEC Skill Enhancement Course-3	BSCGEOSE401: Computer Applications in Geography	3	0 - 0 - 6	30		20		50

						Mar	ks Distribut	ion		
	Course Type and Details	Course Code and Name	Credits			tinuous nent Marks	End Sem	ester Marks	Total	
				(L-T-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks	
		VAC-401: Health and Wellness		4 - 0 - 0		15		35		
	VAC Value Added Course-2	VAC-402: Social Values and Ethics	C-403: Digital and Technological Solutions 4 4 - 0 - 0				15		35	50
	(Any One)	VAC-403: Digital and Technological Solutions		4 - 0 - 0		15		35	50	
		VAC-404: Understanding India			15		35			
	• • •	securing <b>80 credits</b> will be awarded <b>UG Diploma</b> in g first year or second year summer term.	n the relev	ant Disciplin	ie/ Subject,	provided they	secure add	itional <b>4 credi</b> t	ts in skill-	
	Major MJC-7	BSCGEOMJ501: Economic and Transport Geography	5	3 - 0 - 4	30	15	20	35	100	
V	Major MJC-8	BSCGEOMJ502: Statistical Techniques in Geography	5	0 - 0 - 10	60		40		100	
Marks: 400 Credits: 22	Major MJC-9	BSCGEOMJ503: Basic Field Training and Field Report	5	0 - 0 - 10	60		40		100	
	Minor MNC-5	Choose from the Pool of Minor Courses offered in 5 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100	
	Major MJC-10	BSCGEOMJ601: Geographical Thought	5	3 - 0 - 4	30	15	20	35	100	
VI	Major MJC-11	BSCGEOMJ602: Geography of India and West Bengal	5	3 - 0 - 4	30	15	20	35	100	
Marks: 450	Major MJC-12	BSCGEOMJ603: Population and Settlement Geography	5	3 - 0 - 4	30	15	20	35	100	
Credits: 22	Major MJC-13	BSCGEOMJ604: Advanced Remote Sensing and GIS	5	3 - 0 - 4	30	15	20	35	100	
	SI Summer Internship-1	BSCGEOSI601: Summer Internship	2	0 - 0 - 4	30		20		50	



Total Credit	and Marks	Total Credit	126				т	otal Marks	2350
Students who	want to undertake <b>3-ye</b>	ar UG programme will be awarded <b>UG Degree</b> in the r	elevant Dis	scipline / Sul	oject upon s	ecuring <b>126 cr</b>	edits.		
						Mar	ks Distribut		
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern		inuous ent Marks	End Semo	Total	
				(L-T-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks
	Major MJC-14	BSCGEOMJ701: Advanced Geomorphology, Hydrology and Oceanography	5	3 - 0 - 4	30	15	20	35	100
VII	Major MJC-15	BSCGEOMJ702: Environmental Geography	5	3 - 0 - 4	30	15	20	35	100
	Major MJC-16	BSCGEOMJ703: Urban and Regional Planning	5	3 - 0 - 4	30	15	20	35	100
Marks: 500 Credits: 25	Major MJC-17	BSCGEOMJ704: Advanced Analytical Techniques in Geography	5	0 - 2 - 6	60		40		100
	Minor MNC-6	Choose from the Pool of Minor Courses offered in 7 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100
	Major MJC-18	BSCGEOMJ801: Research Methodology in Geography	5	3 - 0 - 4	30	15	20	35	100
VIII	Major MJC-19	BSCGEOMJ802: Geography of Development	4	2 - 0 - 4	30	15	20	35	100
Marks: 500	Major MJC-20	BSCGEOMJ803: Agricultural Geography and Landuse Planning	4	2 - 0 - 4	30	15	20	35	100
Credits: 22	Major MJC-21	BSCGEOMJ804: Social and Political Geography	4	2 - 0 - 4	30	15	20	35	100
	Minor MNC-7	Choose from the Pool of Minor Courses offered in 8 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100
Total Credit	and Marks	Total Credit	173				т	otal Marks	3350
Students will b	e awarded UG Degree	Honours) in the relevant Discipline / Subject provided	they secur	re <b>173 credi</b> t	ts.				



		4-year UG Degree (Hono	urs with	Research)							
					Marks Distribution						
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern	Continuous Assessment Marks		End Sem	ester Marks	Total		
				(L-T-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks		
	Major MJC-14	BSCGEOMJ701: Advanced Geomorphology, Hydrology and Oceanography	5	3 - 0 - 4	30	15	20	35	100		
VII	Major MJC-15	BSCGEOMJ702: Environmental Geography	5	3 - 0 - 4	30	15	20	35	100		
VII	Major MJC-16	BSCGEOMJ703: Urban and Regional Planning	5	3 - 0 - 4	30	15	20	35	100		
Marks: 500 Credits: 25	Major MJC-17		5	0 - 2 - 6	60		40		100		
	Minor MNC-6	Choose from the Pool of Minor Courses offered in 7 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100		
VIII	Major MJC-18	BSCGEOMJ801: Research Methodology in Geography	5	3 - 0 - 4	30	15	20	35	100		
Marks: 500	RP Research Project-1	BSCGEORP801: Research Project/ Dissertation	12	0 - 0 - 24	180		120		300		
Credits: 22	Minor MNC-7	Choose from the Pool of Minor Courses offered in 8 <sup>th</sup> Semester by the other Disciplines	5	4 - 1 - 0		30		70	100		
Total Credit	and Marks	Total Credit	173				т	otal Marks	3350		



#### Syllabus (UG) Geography

Semester wise		ry Courses offered for Major Disciplines						•	
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern (L-T-P)		Mar tinuous nent Marks	ks Distribut End Sem	Total	
	Details				Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks
		Physical Science (Department of Physics/ Chemistry)	3	3 - 0 - 0		15		35	50
I		E-Commerce (Department of Commerce/ BBA)	3	3 - 0 - 0		15		35	50
	MD Multidisciplinary	Human Rights (Department of Political Science)	3	3 - 0 - 0		15		35	50
Marks: 50 Credits: 3	Course -1	Disaster Management (Department of Geography/ Geology)	3	3 - 0 - 0		15		35	50
		Film Appreciation (Department of English)	3	3 - 0 - 0		15		35	50
		Business Environment (Department of Commerce)	3	3 - 0 - 0		15		35	50
		Adhunik Bangla Sahitya (Department of Bengali)	3	3 - 0 - 0		15		35	50
II	MD	Adhunik Hindi Sahitya (Department of Hindi)	3	3 - 0 - 0		15		35	50
Marks: 50 Credits: 3	Multidisciplinary Course -2	Application of Bio-Science (Department of Zoology/ Botany/ Microbiology)	3	3 - 0 - 0		15		35	50
creates. 5		Educational Philosophy (Department of Education)	3	3 - 0 - 0		15		35	50
		Sports and Fitness (Department of Physical Education)	3	3 - 0 - 0		15		35	50
		Mathematical Science (Department of Mathematics)	3	3 - 0 - 0		15		35	50
	MD Multidisciplinary	Cultural History of Bengal (Department of History)	3	3 - 0 - 0		15		35	50
Marks: 50 Credits: 3	Course -3	Business Management (Department of BBA)	3	3 - 0 - 0		15		35	50



					Marks Distribution							
Semester	Course Type and Details	Course Code and Name	Credits	Credit Pattern		inuous Ient Marks	End Sem	ester Marks	Total			
				(L-T-P)	Practical Exam	Theoretical Exam	Practical Exam	Theoretical Exam	Marks			
	MD Multidisciplinary	Nutrition and Public Health (Department of Nutrition)	3	3 - 0 - 0		15		35	50			
	Course -3	Stress Management (Department of Psychology/ Philosophy/ Sociology)	3	3 - 0 - 0		15		35	50			
Pool of <b>Comm</b>	unication Courses offered	as Ability Enhancement Compulsory Courses										
1		AECEE101: English Communication	4	4 - 0 - 0		15		35	50			
•	AEC-1	AECEB101: Bengali Communication	4	4 - 0 - 0		15		35	50			
Marks: 50	Ability Enhancement Elective Course	AECEH101: Hindi Communication	4	4 - 0 - 0		15		35	50			
Credits: 4		AECEU101: Urdu Communication	4	4 - 0 - 0		15		35	50			
Semester wise	Pool of Minor Courses of	fered by this Discipline for other Disciplines										
I	Minor MNC-1	BSCHGEOMN101: Fundamentals of Physical Geography	5	4 - 1 - 0		30		70	100			
II	Minor MNC-2	BSCHGEOMN201: Fundamentals of Human Geography	5	4 - 1 - 0		30		70	100			
III	Minor MNC-3	BSCHGEOMN301: Climate Change: Vulnerability and Adaptations	5	4 - 1 - 0		30		70	100			
IV	Minor MNC-4	BSCHGEOMN401: Geospatial Science and Technology	5	4 - 1 - 0		30		70	100			
V	Minor MNC-5	BSCHGEOMN501: Sustainable Resource Development	5	4 - 1 - 0		30		70	100			
VII	Minor MNC-6	BSCHGEOMN701: Geotourism	5	4 - 1 - 0		30		70	100			
VIII	Minor MNC-7	BSCHGEOMN801: Rural Development	5	4 - 1 - 0		30		70	100			



# Learning Outcome Based Curriculum (LOCF) for

# Geography-B.Sc (Hons.)

## Undergraduate Programme (CBCS) w.e.f. Academic Session 2020-21



Kazi Nazrul University Asansol, West Bengal



#### UG Learning Outcome Based Curriculum (LOCF) for Geography

Abbreviated		Abbreviated			Course		Course		Course	Sem	CA	Marks	ESE Marks		Total	Sem	
Degree	Discipline	Degree Programme	Semester	Course Name	Туре	Course Code	Details	L - T - P	Credit	Credit	Practical	Theoretical	Practical	Theoretical	Marks	Marks	
				Geomorphology	С	BSCHGEOC101	CC-1	5 - 1 - 0	6			10		40	50		
				Cartographic Techniques	C	BSCHGEOC102	CC-2	0 - 0 - 12	6		30		20		50	150 +	
			I	Choose from the Pool of Generic Elective Courses offered						22						Marks	
			-	in 1st Semester by Honours Disciplines other than the	GE	See Pool	GEC-1	See Pool	6				See Pool			of GEC	
				Discipline in which Honours course is taken	4.5	155101	1500.1	4 0 0				10		10		GEC	
				Environment Studies	AE	AEE101	AECC-1	4 - 0 - 0	4			10		40	50		
				Geography of Human and Cultural Landscape	С	BSCHGEOC201 BSCHGEOC202	CC-3 CC-4	5 - 1 - 0	6		20	10	20	40	50	-	
				Statistical Method in Geography		BSCHGEUC202	CC-4	0 - 0 - 12	6		30		20		50	150 +	
			п	Choose from the Pool of Generic Elective Courses offered in 2nd Semester by Honours Disciplines other than the Discipline in which Honours course is taken	GE	See Pool	GEC-2	See Pool	6	22			See Pool			Marks of GEC	
				English/MIL Communication	AE	See Pool	AECC-2	4 - 0 - 0	4			10		40	50		
				Climatology and Oceanography		BSCHGEOC301	CC-5	5 - 1 - 0	6			10		40	50		
				Geography of India	С	BSCHGEOC302	CC-6	5 - 1 - 0	6			10		40	50		
				Fundamentals of Remote Sensing		BSCHGEOC303	CC-7	0 - 0 - 12	6		30		20		50	200 +	
				Choose from the Pool of Generic Elective Courses offered						28		•				Marks	
			III	in 3rd Semester by Honours Disciplines other than the	GE	See Pool	GEC-3	See Pool	6	20			See Pool			of	
				Discipline in which Honours course is taken									• •			GEC	
			Geographic Information System	ar.	BSCHGEOSE301		0 - 0 - 8	4		30		20		50			
				Spatial Statistical Techniques (Any One) Geographical Techniques	SE	BSCHGEOSE302 BSCHGEOSE303	SEC-1	0 - 0 - 8	_		<u>30</u> 30		20 20		50		
	SCH GEOGRAPHY BSCHGEO		Introduction to Global Economic System		BSCHGEOC401	CC-8	5 - 1 - 0	6		30	10	20	40	50			
BSCH		CHGEO	Environment and Natural Resource Management	С	BSCHGEOC401 BSCHGEOC402	CC-8 CC-9	5 - 1 - 0	6			10		40	50			
			Digital Remote Sensing		BSCHGEOC402 BSCHGEOC403	CC-10	0 - 0 - 12	6		30	10	20	40	50	200 +		
			-	Choose from the Pool of Generic Elective Courses offered	+	BSCHOLOC403	CC-10	0-0-12	0	20	30		20	20 50			
		IV	IV	IV	in 4th Semester by Honours Disciplines other than the	red GE	See Pool	GEC-4	See Pool	6	28	See Pool					Marks of
			IV				Discipline in which Honours course is taken		5001000 020	OLC-4		-				566 1 001	
				Introduction to GIScience	ar.	BCSHGEOSE401	0 - 0 - 8	0 - 0 - 8 4		30		20		50			
				Thematic Atlas (Any One)	SE	BSCHGEOSE402	SEC-2	0 - 0 - 8	4		30		20		50		
				Regional Planning and Sustainable Development	С	BSCHGEOC501	CC-11	5 - 1 - 0	6			10		40	50		
				Field Techniques, Surveying and Research Methods	C	BSCHGEOC502	CC-12	0 - 0 - 12	6		30		20		50		
			v	Geography of West Bengal		BSCHGEODSE501	DSEC-1	5 - 1 - 0	6	24		10		40	50	200	
			v	Agriculture and Food Security (Any One)	DSE	BSCHGEODSE502	DSEC-1	5 - 1 - 0	0	24		10		40	30	200	
				Population Geography	DSE	BSCHGEODSE503	DODO	5 - 1 - 0				10		40	50		
				Hydrology (Any One)		BSCHGEODSE504	DSEC-2	5 - 1 - 0	6			10		40	50		
				Evolution of Geographical Thought		BSCHGEOC601	CC-13	5 - 1 - 0	6			10		40	50		
				Disaster Management Project Work	С	BSCHGEOC602	CC-14	0 - 0 - 12	6		30		20		50		
				Geography of Health		BSCHGEODSE601		5 - 1 - 0				10		40			
				Political Geography (Any One)		BSCHGEODSE602	DSEC-3	5 - 1 - 0	6			10		40	50		
			VI	Biogeography	_	BSCHGEODSE603		5 - 1 - 0		24		10		40		200	
				Geography of Social Well being	DSE	BSCHGEODSE604		5 - 1 - 0				10		40		1	
				Urbanization and Urban System (Any One)		BSCHGEODSE605	DSEC-4	5 - 1 - 0	6			10		40	50		
				Soil Geography		BSCHGEODSE606		5 - 1 - 0	1			10		40			
		r	Fotal Credit		1			•		148	•			110	0 + Marks	ofCEC	

emester wise Pool of Generic Electiv	ve Courses offe	ered by this Discipline for other Hono	urs Disciplines				•	-																											
Discipline	Semester	Course Name		Course Type	Course Code	Course	L - T - P	Course	Sem	CA	Marks	ESE	Marks	Total	Sem																				
Discipline	Semester	Course Name		Course Type	Course Type Course Code	Details	L-1-1	Credit	Credit	Practical	Theoretical	Practical	Theoretical	Marks	Mark																				
		Disaster Management			BSCHGEOGE101		5 - 1 - 0				10		40																						
	I	Geography of Tourism and Pilgrimage	(Any One)	(Any One)	Dne)	BSCHGEOGE102	GEC-1	5 - 1 - 0	6			10		40	50																				
	п	Geospatial Information Technology	(Any One)		BSCHGEOGE201	GEC-2	5 - 1 - 0	6			10		40	50	]																				
GEOGRAPHY	11	Human & Environment System	(Ally Olle)	GE	BSCHGEOGE202	GEC-2	5 - 1 - 0	0	NA		10		40	30	NA																				
	ш	Climate Change, Vulnerability and Adaptation	(Any One)	GL	GL	BSCHGEOGE301	GEC-3	5 - 1 - 0	6	INA		10		40	50	INA																			
		Rural Development			BSCHGEOGE302		5 - 1 - 0				10		40																						
	** 7	Industrial Development			BSCHGEOGE401		5 - 1 - 0		1				10	40	40		1																		
	IV	Sustainable Resource Development	(Any One)				I	I	l				1				1					ł			BSCHGEOGE402	GEC-4	5 - 1 - 0	6			10		40	50	
ol of Communication Courses offer	red as Ability	Enhancement Compulsory Courses																																	
Discipline	Semester	Course Name		Course Type	Course Code	Course	L - T - P	Course	Sem		Marks	ESE	Marks	Total	Sem																				
Discipline	Semester	Course Manie		Course Type	Course Coue	Details	L-1-1	Credit	Credit	Practical	Theoretical	Practical	Theoretical	Marks	Mark																				
		English Communication			AECCE201		4 - 0 - 0				10		40																						
English/MIL Communication	п	Bengali Communication	(Any One)	AE	AECCB201	AECC-2	4 - 0 - 0	- 1	NA		10		40	50	NA																				
English Will Communication		Hindi Communication	(Any One)		AECCH201	AFCC-2	2 4 - 0 - 0	-	11/1		10		40		NA																				
		Urdu Communication		AECCU201		4 - 0 - 0	1			10		40		1																					