SHAHID MATANGINI HAZRA GOVT. COLLEGE FOR WOMEN

Teaching Assignment and Lesson Plan

Academic Session: 2023-24 (Even Semester)

Department: Geology

Semester: Second B.Sc. Honours Core Course (CC)

Name of the Teacher	Title of the Teaching Assignment		e Assignment into Number of Units along with on plan as per the University Syllabus	Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of class
APARUPA BANERJEE, LOVELY BURMAN & ENAKSHI DAS	MJ-2T: Mineral Science	UNIT – I: Crystallogra phy Unit 2: Rock forming minerals	1.Elementary ideas about crystal morphology in relation to internal structures 2. Crystal parameters and Miller indices 3. Crystal symmetry and classification of crystals into point groups, space groups and crystal systems 1.Minerals - definition and classification, physical and chemical properties 2. Chemical classification of minerals 3. Composition of common oxides,	20 th JUNE,2024	3 3 5 6	65
APARUPA BANER ENAKSHI DAS		Unit 3: Atomic arrangement	carbonated, sulphides and sulphates and phosphates 4. Composition of common rockforming minerals 1. Crystal structure and its controls: bonding and coordination principles, atomic arrangement: unit cell,		3 5	

		,	
s and	CCP and HCP structures.		
Mineralogic	2. Brief idea about Pauling's rules,	7	
al structure	Solid solution, Pseudomorphism and		
	Polymorphism: elementary concept on		
	principle types – common polymorphic		
	forms of C, SiO2 and Al2SiO5		
	Classification of silicate groups based	7	
	on structure and derivation of		
	structural formulae based on		
	composition.		
Unit 4:	Optical behaviour of crystals –	15	
Optical	Isotropic and anisotropic minerals;		
mineralogy	Nicol prism and its principle;		
	2. Refractive index of minerals;		
	Uniaxial & Biaxial minerals; Optical		
	indicatrix of uniaxial and		
	biaxialminerals; Birefringence,		
	Interference colour and use of		
	interference colour chart; Relation		
	between crystallographic and optical		
	axes of crystals		
	3. Pleochroism and pleochroic scheme;		
	Extinction; Study of interference		
	figures; Optic sign of uniaxial		
	and biaxial minerals		
Unit 5:	SEM, EPMA, XRF, XRD	5	
Instrumenta			
tion			
Techniques			
in Geology:			

	MJ2P : Mineral	1.Study of the	e symmetry of crystals		5	
	Science (Practical)		nysical properties of minerals in hand			
	Beience (Fractical)	-	ivine, Garnet, Sillimanite, Kyanite,			
			eryl, Tourmaline, Pyroxene, Actinolite,			
			ornblende, Serpentine, Talc,			
			iotite, Quartz, Alkali feldspar,		10	
			Nepheline, Pyrite, Chalcopyrite, Galena,		10	
			raphite, Magnetite, Haematite, Fluorite,			
			mite, Gypsum, Asbestos, Ilmenite,	20 th JUNE,2024		30
			rolusite, Psilomelane, Bauxite	•		
			tical properties of common rock-forming			
		minerals: qua	rtz, orthoclase, microcline, plagioclase,		15	
			eline, olivine, orthopyroxene,			
		clinopyroxen	e, hornblende, staurolite,			
			vite, biotite, calcite, kyenite, tourmaline,			
		· ·	inolite, Sillimanite,			
		andalusite, sc	1			
Z	MI-2T: Introduction		Crystals and their characters:		2	
₩	to Mineralogy	Unit 1:				
🔀		Unit 2:	Crystal form, face, edge, solid angle;		2	
BI			Interfacial angle and their			
X			measurements;			
			Crystallographic axes and angles.			
0 6		Unit 3:	Symmetry elements and description of		5	
, L			normal class of Isometric, Tetragonal,	th		
日日			Hexagonal, Trigonal, Orthorhombic,	20 th JUNE,2024		21
8			Monoclinic and Triclinic systems.			
AS AS						
ED.		Unit 4:	Introduction to Mineralogy, Definition		3	
₩ Hi		Omt 4.	and characters of mineral			
HZ ZZ			and characters of immeria			
APARUPA BANERJEE, LOVELY BURMAN & ENAKSHI DAS		Unit 5:	Classification of Minerals		2	
PA		Unit 3.	Classification of willicials		2	
4 %						

	Unit 6:	Common physical properties of minerals; Chemical composition and diagnosticphysical properties of minerals such as: Quartz, Orthoclase, Microcline, Hypersthene, Hornblende, Garnet, Muscovite, Biotite, Chlorite, Olivine, Epidote, Calcite.		5	
MI-2: Introduction to Mineralogy (Practical)	eleme Tetraş Ortho syster 2. Mineral	allography: Study of symmetry onts of normal class of Isometric, gonal, Hexagonal, Trigonal, rhombic, Monoclinic and Triclinic ons ogy: Study of physical properties of tioned in theory course.	20 th JUNE,2024	10	15

4th Semester (Hons & Gen)

Semester: Fourth B.Sc. Honours Core Course (CC)

Name of the Teacher	Title of the Teaching Assignment	Dividing the Assignment into Number of Units along with detailed lesson plan as per the University Syllabus		Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of classes required to complete the assignment
	C8T: Metamorphic Petrology	Unit I: Metamorphi sm: controls and types	1. Definition of metamorphism. Factors controlling metamorphism, Types of metamorphism— contact, regional, fault zone metamorphism, impact metamorphism		3	
ENAKSHI DAS		Unit 2: Metamorphi c Facies and Grades. Metamorphi c Structures and Textures	 Causes of metamorphism and concept of metamorphic P-T-t paths Index minerals, metamorphic zones and isograds. Structure and textures of metamorphicrocks Concept of metamorphic facies and grade Mineralogical phase rule of closed and open system Composition-paragenesis diagrams. ACF, AKF and AFM 	2nd APRIL,2024	2 2 3	37
ENAK			diagrams 5. Metamorphic products of pelitic,		7	

			1 1 1 1	1		1
			carbonate and mafic igneous rocks			
		Unit 3:	1. Progressive and retrogressive		2	
		Metamorphi	metamorphism			
		c reactions.	2. Prograde and retrograde		2	
		Metamorphi	metamorphic minerals reactions.			
		sm and deformation.	3. Relationship between		2	
		deformation.	metamorphism and deformation.			
		Unit 4:	1. Metasomatism and role of fluids		1	
		Migmatites	in metamorphism.			
		and their	2. Brief idea of crustal anatexis.		2	
		origin	Migmatites and its origin.			
		Unit 5:	Regional occurrence and tectonic		4	
		Metamorphi	significance of metamorphic rocks:			
		c rock	Metamorphism along			
		associations	convergent plate margins, in			
		and plate	continent-continent collisions, in			
		tectonic	rifting terrains and sea floor			
		settings	metamorphism.			
	C8P: Metamorphic	1. Hand speci	men study of following metamorphic		4	
	Paleontology Lab	rocks: Slate, l	Phyllite, Schist, Gneiss,			
		Amphibolite,	Charnockite, Khondalite, Mafic			
		granulite, Ma	rble			
		2. Textural ar	nd mineralogical study of following		15	
			rocks in thin sections: slate, varieties	2nd APRIL,2024		24
		of schists, gno	eiss, amphibolite, charnockite,			
		khondalite, m	afic granulite, eclogite,marble, high			
		Mg-Al granul	lites			
		3. Graphical p	plots of metamorphic mineral		5	
		-	using chemographic diagrams			
D K	C9T: Principles of	Unit 1:	1. Fundamentals of		2	
AR NE	Stratigraphy and	Principles of	lithostratigraphy, biostratigraphy	2nd APRIL,2024		44
APARU PA BANER JEE	Precambrian	stratigraphy	and chronostratigraphy.	·		

	C4 4° 1 PT 1°		0 Introduction to			
	Stratigraphy of India		2. Introduction to concepts of		3	
			dynamic stratigraphy			
			(chemostratigraphy, seismic			
			stratigraphy, sequence stratigraphy).			
			3. Relevance of Type section.		2	
			4. Principles of stratigraphic		2	
			correlation.			
		Unit 2: Code	1. International Stratigraphic Code		1	
		of	- development of a standardized			
		stratigraphic	stratigraphic			
		nomenclatur	nomenclature			
		e	2. Concepts of Stratotypes. Global		1	
			Stratotype Section and Point			
			(GSSP)			
			3. Brief introduction to the concepts		8	
			of lithostratigraphy,		0	
			biostratigraphy, chronostratigraphy,			
			seismic stratigraphy,			
			chemostratigraphy,			
			magnetostratigraphy, sequence			
			stratigraphy and			
			their subdivisions with Indian			
			examples			
		Unit 3:	1. Walther's Law of Facies.		1	
		Principles of	2. Concept of paleogeographic		2	
		stratigraphic	reconstruction		_	
		analysis	reconstruction			
		Facies				
		concept in				
	COT. Dringinles of	stratigraphy Unit 4:	1 Amahasan Dustamagaia haya da ay		2	
と 世田	C9T: Principles of	Stratigraphi	1. Archaean-Proterozoic boundary.	2nd APRIL,2024		
APAR UPA BANE RJEE	Stratigraphy and	c boundaries	2. Precambrian-Cambrian boundary	ZIIU AFRIL,ZUZ4	2	
A D B R		c boundaries				

	Precambrian	in India	and their status in global			
	Stratigraphy of India		perspective.			
		Unit 5:	1. Brief introduction to the		1	
		Physiograph	physiographic and tectonic			
		ic and	subdivisions of India			
		tectonic	2. Introduction to Indian Shield,		2	
		subdivisions	Craton			
		of India	3. Introduction to Indian		2	
			Precambrian belts.			
			4. Introduction to Proterozoic		2	
			basins of India			
		Unit 6:	1. Geologic evolution with		8	
		Geologic	emphasis on sedimetation,			
		evolution	lithology, magmatism, structure,			
		Important	metamorphism and geochronology			
		Precambria	of: Singhbhum, Dharwar,			
		n terrains	Rajasthan, Central India and			
			Eastern Ghats.			
			2. Vindhyan and Cudappah basins		3	
			of India.			
	C9P: Stratigraphic		cological map of India and		5	
	Principles and	identification	of major stratigraphic units			
	Indian Stratigraphy	2. Major featu	res of paleogeographic maps –	2nd APRIL,2024	5	10
	Lab	Precambrian				
	C10T: Phanerozoic	Unit 1:	1. Definition		1	
	Stratigraphy of India	Introduction	2. Important Stratigraphic		2	
			boundaries during Phanerozoic time			
> Z			in India - a. PrecambrianCambrian	2nd APRIL,2024		30
EL,			boundary, b. Permian-Triassic			
LOVELY			boundary, and c. Cretaceous-			
TC BI			Tertiary boundary.			

TT '4 A	1 D-1	4	
Unit 2:	1. Paleozoic Succession of Kashmir	1	
Important Palaeozoic	2. Stratigraphy Structure of	1	
successions	Gondwana basins.		
in India	3. Mesozoic stratigraphy of India:	1	
III IIIdia	a. Triassic successions of Spiti,	1	
	b. Jurassic of Kutch,	2	
	c. Triassic and Jurassic non marine	1	
	successions of peninsular India	1	
	(Upper Gondwana		
	formations, relevant Formations of		
	Rajasthan basin)		
	d. Cretaceous, successions of		
	Cauvery basins		
	e. Lameta and Jabalpur Formations		
	4. Cenozoic stratigraphy of India:	1	
	a. Kutch basin,	2	
	b. Siwalik successions,	3	
	c. Assam, Andaman and Arakan		
	basins.		
	5. Stratigraphy and structure of	5	
	Krishna-Godavari basin, Cauvery		
	basin, Bombay offshore		
	basin, Kutch and Saurashtra basins		
	and their potential for hydrocarbon		
	exploration		
Unit 3:	1. Deccan,	2	
Stratigraphy		1	
of the	3. Sylhet Trap	1	
intertrappea			
ns	1.70 (1.11)		
Unit 4:	1. Definition	1	
Quaternary	2. Principles of subdivision of	3	
Geology			

	Quaternary succession in India			
C10P: Phanerozoic	1. Study of geological map of India and		3	
Stratigraphy of India	identification of major Phanerozoic stratigraphic		4	
Lab	units.	2nd APRIL,2024	3	10
	2. Stratigraphic correlation of Phanerozoic	ZIIU APKIL,ZUZ4		10
	stratigraphic units in geological map of India			
	3. Proterozoic supercontinent reconstructions			

Contd....

Department: **GEOLOGY**

Semester: Fourth B.Sc. Honours

Skill Enhancement Course (SEC)

Name of the Teacher	Title of the Teaching Assignment	Dividing the Assignment into Number of Units along with detailed lesson plan as per the University Syllabus	Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of classes required to complete the assignment
-	SEC2P: Field Geology	-	-	-	-

Semester: Fourth B.Sc. Honours Generic Elective (GE)

Name of the Teacher	Title of the Teaching Assignment		the Assignment into Number of Units along with son plan as per the University Syllabus	Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of class
	GE-4T Earth	Unit 1	1. Resource reserve definitions;		3	
	Resources		mineral, energy and water resources 2. A brief overview of classification of mineral deposits with respect to processes of formation		3	
Z		Unit 1I	Difference between Energy, Power and Electricity		1	26
RMA			2. Renewable and Non- Renewable Sources of Energy		1	
& LOVELY BURMAN			3. The concept and significance of Renewability: Social, Economic, Political and Environmental Dimension of Energy	2nd APRIL,2024	2	
0		Unit 1II	1. Resources of Natural Oil and Gas		3	
& 3			2. Coal and Nuclear Minerals		3	
ENAKSHI DAS			3. Potential of Hydroelectric Power, Solar Energy, Wind, Wave and Biomass Based power and Energy		4	
ENAKS.		Unit 1V	1.Ground water resources in India and its role in economic development of the country		3	

	2. Current Scenario and Future Prospects of Solar Power, Hydrogen Power and Fuel Cells.		3	
GE-4P Earth	1. Study of coal ain Hand specimen		2	
Resources	2. Plotting of major Indian oil fields on map of India		2	
	3. Problems related to assessment of possible oil		4	
	exploration site from geological maps and sections.			
	4. Construction of cross section of mineral deposits	2nd APRIL,2024	4	20
	from maps and drill hole data.			
	5. Estimation of reserves.		4	
	6. Preparation and interpretation of depth to water level		4	
	maps and water level contourmaps			

Semester: Fourth B.Sc. General Core Course-DSC

Name of the Teacher	Title of the Teaching Assignment	Dividing the Assignment into Number of Units along with detailed lesson plan as per the University Syllabus	Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of class
JE .	DSC1DT: Straigraphy and Palaeontology	Unit I: Definition, Principle of stratigraphy; Geological Time Scale and stratigraphic classification; Physiographic division of India. Unit II: Study of following Precambrian succession: Dharwar, Cuddapha, Vindhyan and Delhi Supergroups; Brief idea of Palaeozoic succession of northwestern Himalaya;		8	36
APARUPA BANERJEE		Triassic of Spiti; Mesozoic type seccession of Kutch and Rajasthan; Cretaceous of Tiruchirapalli; Unit III: Study of following type localities: Gondwana and Deccan Trap. Unit IV: Palaeogene-Neogene sequences of	2nd APRIL,2024	3	
	DSC1DT: Straigraphy and Palaeontology	northwest Himalaya and Assam. Unit-V: Palaeontology: definition, Fossils: definition, characters, binomial nomenclature in taxonomy, mode of preservation, condition of fossilization and significance of fossils.		6	
APARUPA BANERJEE		Unit VI: Morphology and geological distribution of brachiopods, pelecypods, cephalopods and gastropods. Unit VII: Morphology and geological distribution		8	

	of trilobite, echinoidea.			
	Unit VIII: Evolutionary history of horse;		3	
	Morphology, distribution and significance of			
	Gondwana flora.			
DSC1DP: Practical	1. Morphological characters, systematic position		10	
	and age of fossil genera pertaining		4	
	to brachiopods, pelecypods, cephalopods,			
	gastropods, trilobite.	2nd APRIL,2024		14
	2. Preparation of lithostratigraphic maps of India			
	showing distribution of important			
	geological formations.			

6th Semester (Hons & Gen)

Department: **GEOLOGY**

Semester: Sixth B.Sc. Honours Core Course (CC)

Name of the Teacher	Title of the Teaching Assignment	Dividing the Assignment into Number of Units along with detailed lesson plan as per the University Syllabus		Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of class
	C13T:	Unit-1:	1. Introduction to Geomorphology		1	
	Geomorphology, Remote Sensing and GIS	Introduction to Geomorpholog y	2. Relationship between the landforms and the properties of earth material and differentkind of processes		1	
			3. Endogenic and Exogenic processes		1	
		Unit-2	1. Geoid, Topography, Hypsometry, Major Morphological features of the earth surface		2	
			2. Large Scale Topography - Plate tectonics overview. Large scale mountain ranges (with emphasis on Himalaya)	27/02/2024	2	
ENAKSHI DAS		Unit-3	Surficial Processes and geomorphology, Weathering and associated landforms, Hill slopes Glacial, Periglacial processes and landforms, Fluvial processes and landforms, Aeolian Processes and landforms, Coastal Processes and landforms,		8	

		Unit-4	Landforms associated with igneous activities 1. Endogenic- Exogenic interactions. Rates of uplift and denudation. Tectonics and drainage development, Sea-level change, Long-term landscape development. 2. Landform dating techniques.		2	
	C13T:	Unit-5: Remote	Concepts in Remote Sensing.		1	
	Geomorphology,	Sensing,	2. Sensors and scanners.		1	
	Remote Sensing and	Concepts in	3. Satellites and their characteristics.		2	
	GIS	Remote Sensing	4. Data formats- Raster and Vector.		1	
		· ·	1 T			
		Unit-6: Photogeology	1. Types and acquisition of aerial photographs; Scale and resolution;			
		1 notogeology	Principles of stereoscopy, relief		4	
			displacement, vertical exaggeration			
			and distortion			
			2. Elements of air photo		2	
			interpretation	27/02/2024		51
			3. Identification of sedimentary,	27/02/2024		31
			igneous and metamorphic rocks and		2	
			various aeolian, glacial, fluvial and			
E		H-24 7. D2-24-1	marine landforms			
RJ		Unit-7: Digital Image	1. Image Errors, Rectification and Restoration, FCC, Image		4	
Z Z		Processing	Enhancement, Filtering, Image		7	
BA			Rationing.			
V V			2. Image classification and accuracy		2	
6 1			assessment.			
APARUPA BANERJEE			3. GIS integration and Case studies-Indian Examples.		2	

C13P: Geomorphology, Remote Sensing and GIS Lab	topographic production of a Calculating State of the Aerial Photosedimentary, ignormal and forms. 7. Introduction 8. Digital Image analysis of sate interpretation of their spectral signs. 9. Registration of the area. 10. DEM analysis applications. 11. Use of stere using aerial photosedimentary.	of longitudinal profile of a river. Stream length gradient index of a drainage basin. In of geomorphic processes from the of the area. Interpretation: Identification of neous and metamorphic rocks and glacial, fluvial and marine to DIP and GIS softwares. The Processing exercises including lite data in different bands and of various objects on the basis of gnatures. To satellite data with a toposheet of sis: generating slope map, aspect ge network map and its oscope. Flight line determination	27/02/2024	2 2 1 1 2 1 4 2 2 4 6 6 6 4 6 4	44
∠ ∠ ∠ ∠ □ C14T: Engineering	Unit-1		27/02/2024	2	30

C	oology	Role of engineering geologists in planning, design and			
Ge	eology	construction of major man-made structural features			
		Unit-2		2	
				2	
		Site investigation and characterization			
		Unit-3		2	
		Foundation treatment; Grouting, Rock Bolting and			
		other support mechanisms		_	
		Unit-4		2	
		Rock aggregates; Significance as Construction Material			
C1	4T: Engineering	Unit-5		8	
Ge	eology	Concept, Mechanism and Significance of:			
		a) Rock Structure Rating (RSR)			
		b) Rock Mass Rating (RMR)	27/02/2024		
		c) Tunneling Quality Index (Q)			
		Geological, Geotechnical and Environmental			
		considerations for Dams and Reservoirs			
		Unit-6		2	
		Tunnels and Tunneling Methods			
		Unit-7		4	
		Landslides: Causes, Factors and corrective/Preventive			
		measures			
		Unit-8Earthquakes: Causes, Factors and		4	
		corrective/Preventive measures. Mitigating the		4	
		damagecaused byEarthquake			
		Unit-9			
Z		Case histories related to Indian Civil Engineering			
I		Projects			
LOVELY BURMAN C1	4P: Engineering	1. Computation of reservoir area, catchment area,		8	
Ge Ge	eology Lab	reservoir capacity and reservoir life.		4	
🚡		2. Merits, demerits & remedial measures based upon	27/02/2024	4	20
EL		geological cross sections of project sites.	27/02/2024	4	20
5		3. Computation of Index properties of rocks.			
9		4. Computation of RQD, RSR, RMR and 'Q			

Semester: Sixth B.Sc. Honours

Discipline Specific Elective (DSE)

Name of the Teacher	Title of the Teaching Assignment	detailed lesson	Assignment into Number of Units along with plan as per the University Syllabus	Date of Commencement of the Assignment	Number of classes required to complete each unit	Total number of class
APARUPA BANERJEE, ENAKSHI DAS	DSE3T: Exploration Geology	Unit-1: Mineral Resources Unit-2: Prospecting and Exploration	Resource: Definitions, Mineral resources in industries — historical perspective and present scenario, classification of mineral deposits with respect to processes of formation; exploration strategies. 1. Principles of mineral exploration: conceptualization, methodology and stages, Sampling, subsurface sampling including pitting, trenching and drilling 3. Geochemical exploration. 4. Outline of exploration techniques for ferrous and nonferrous metals, limestone and	27/02/2024	1 4 3 6	38

	DSE3T: Exploration Geology	Unit-3: Evaluation of data Unit-4: Drilling and Logging Unit-5: Reserve estimations	coal and petroleum. Evaluation of sampling data - Mean, mode, median, standard deviation and variance 1. Core and non-core drilling 2. Planning of bore holes and location of boreholes on ground Core-logging 1. Principles of reserve estimation, Factors affecting reliability of reserve estimation.		2 2 2 2 4 4 4 2	
ENAKSHI DAS		and Errors	2. Reserve estimation based on geometrical models (square, rectangular, triangular and polygon blocks). 3. Regular and irregular grid patterns. 4. Statistics and error estimation		2	
	DSE3P: Practical	Magnetic.			4 4 4 4	16
ENAKS HI DAS	DSE4T: Geodynamics	Unit-1: Introduction	1.Definition. Continents and Oceans. Continental and Oceanic Crust. Internal Process of Earth.	27/02/2024	2	41

			 2. Concept of lithosphere and asthenosphere. Physical character of lithosphere and asthenosphere. Concept of Plate 3. Concept of hot spot and mantle plume. Ophiloites. Palaeomagnetism 	4	
		Unit-2: Continental Drift, Sea floor spreading and	1.Wegner Continental Drift hypothesis and its evidences Continental position in the past	2	
		Plate tectonics	2.Sea-floor spreading process and its evidences.	2	
			3. Plate tectonics models and its evidences. Distribution of plates in the Earth	4	
		Unit-3: Plate and plate	1.Plates: Physical characters of plates. Macro and Micro Plates	2	
		boundaries	2. Plate boundaries: Types, Character, Identification of boundaries. Movement of plates along boundaries. Plate velocities.	4	
			3. Volcanic arcs, island arcs, trenches, accretionary prisms, oceanic ridges, transform faults.	4	
3.E	DSE4T: Geodynamics		Magmatism in oceanic ridges and in subduction zones.	3	
APARUPA BANERJEE	·	Unit-4:	1.Paleomagnetism and motion of plates	2	
AP. BAI			2.Driving mechanism of plates.	4	

Plate tector	nics and mantle		
Convection	ı		
3. Supercon	ntinents and their	6	
breakup and	d assembly. Wilson		
cycle	-		

Semester: Sixth B.Sc. General Core Course-DSE

Name of	Title of the	Dividing t	the Assignment into Number of Units	Date of	Number of	Total
the	Teaching		along with	Commencement	classes	number of
Teacher	Assignment	detailed less	son plan as per the University Syllabus	of the	required to	class
				Assignment	complete	
					each unit	
	DSE- T6 - Fossils	Unit-I	Introduction to Fossils		2	
	and their					
	applications	Unit-II	Species concept		3	
		Unit-III	Introduction to various fossils groups	27/02/2024	10	25
		Unit-IV	Application of fossils		5	
BURMAN		Unit-VII:	Economic importance of fossils		5	
\mathbb{Z}	DSC1BP: Practical	1.Study of fo	ossils showing various modes of		10	
5		fossilization	•			
		2. Study of i	mportant fossils from India (list may	27/02/2024		20
EL.		be prepared	by the department concern).	27/02/2024		20
LOVELY						
T						