

BAJKUL MILANI MAHAVIDYALAYA
UG 2ND SEMESTER ENVS CLASS AND PROJECT-2023

SL. NO	TEACHER'S NAME	DEPARTMENT	DAY	CLASS TIME	SUBJECTS / GROUPS	ROOM NO	NUMBER OF STUDENTS	STREAM	SYLLABUS (UNIT)	NAME OF PROJECT SUPERVISOR	SUBJECT	
1.	Dr. B. B. JOSHI	GEOGRAPHY	FRIDAY	3.00 PM - 4.00 PM	ENG., SANS. SOCIOLOGY. POL. SC., MUSIC.	130		B.A. (H)	UNIT - I, II, III, & IV	B. B. JOSHI	Bengali	
2.	Mr. GOUTAM KR. DAS	GEOGRAPHY	MONDAY		ENG., SANS. SOCIOLOGY. POL. SC., MUSIC.	130		B.A. (H)	V. VI, & VII	DEBASIS MANNA		Mathematics
3.	Mrs. SUSMITA MAITY	GEOGRAPHY	FRIDAY		HIST., PHIL., EDUCATION., BENGALI.	126		B.A. (H)	UNIT - I, II, III, & IV	SIKHA KAR		B.A(G) Name starting with A
4.	Mrs. MOUMITA BARIK	BOTANY	MONDAY		HIST., PHIL., EDUCATION., BENGALI.	126		B.A. (H)	V. VI, & VII	SUMITRA RANI JANA		Zoology, Nutrition & Economics
5.	Mrs. ANJANA MAITY	BOTANY	FRIDAY		CHEM., PHYSICS., MATH., GEOGRAPHY	318		B.Sc. (H)	UNIT - I, II, III, & IV	DR. SUBRATA GIRI		Physiology, Pol. Sc & Music
6.	Mrs. URMITA CH. CHOWDHURY	ZOOLOGY	MONDAY		CHEM., PHYSICS., MATH., GEOGRAPHY	318		B.Sc. (H)	V. VI, & VII	CHANDAN ACHARYA		English
7.	Mr. BUDDHADEV DEBNATH	PHYSIOLOGY	FRIDAY		BOTANY, ZOOLOGY, PHYSIOLOGY, ECONOMICS, NUTRITION, AUTOMOBILE.	303		B.Sc. (H)	UNIT - I, II, III, & IV	SUBIR PRAMANIK		Geography
8.	Mr. ATANU DAS	ZOOLOGY	MONDAY		BOTANY, ZOOLOGY, PHYSIOLOGY, ECONOMICS, NUTRITION, AUTOMOBILE.	303		B.Sc. (H)	V. VI, & VII	SUVASREE SAHU		B.A(G) Name starting with R, T & B
9.	Mr. SANDIP KR. JANA	ZOOLOGY	FRIDAY		(NAME STARTING WITH 'S')	301		B.A. GENERAL.	UNIT - I, II, III, & IV	MR. SOUMEN PATRA		B.A(G) Name starting with S
10.	Miss. FULDONA PANDIT	PHYSIOLOGY	MONDAY		(NAME STARTING WITH 'S')	301		B.A. GENERAL.	V. VI, & VII	MONOJ MAITY		B.A(G) Name starting with M & D
11.	Mr. RAJIV DEV GOSWAMI	NSS	FRIDAY		(NAME STARTING FROM 'A' - 'L' & 'U')	302		B.A. GENERAL.	UNIT - I, II, III, & IV	NABANITA DAS		B.A(G) Name starting with N & P
12.	Mr. BAPAN SANTRA	ZOOLOGY	MONDAY		(NAME STARTING FROM 'A' - 'L' & 'U')	302		B.A. GENERAL.	V. VI, & VII	BIPLAB MANNA		B.A(G) Name starting with J, K, L, U, H, I, C, G, B, E
13.	Mr. DEBSANKAR DAS	BOTANY	FRIDAY		(NAME STARTING FROM 'M' - 'R' & 'T')	323		B.A. GENERAL.	UNIT - I, II, III, & IV	DIPANJAN ROY		Botany & Physics
14.	Mrs. TANIA ROY	GEOGRAPHY	MONDAY		(NAME STARTING FROM 'M' - 'R' & 'T')	323		B.A. GENERAL.	V. VI, & VII	HABIBULLA MALLIK		Automobile
15.	Miss. PRANATI MANNA	GEOGRAPHY	FRIDAY		(ALL STUDENTS OF B.Sc GENERAL)	319		B.Sc (G)	UNIT - I, II, III, & IV	BIKASH BHUNIA		Chemistry, Education & Sociology
16.	Dr. B. B. JOSHI	GEOGRAPHY	MONDAY		(ALL STUDENTS OF B.Sc GENERAL)	319		B.Sc (G)	V. VI, & VII	SUSANTA BAN		Philosophy
									MINTU JANA		History & Sanskrit	
									SUNAN PAHARI		B.Sc(G) Name starting with A to P	
									RAJIV DEV GOSWAMI		B.Sc(G) Name starting with R to T	
									KABERI KANDAR		B.A(G) Name starting with S	
									PIU SASMAL		B.A(G) Name starting with S	



Approved
Route for transfer of students
Dr. B. B. Joshi
Teacher-in-charge
Baidkul Milani Mahavidyalaya
P.O. - Khatra, Purbachal
Dist. - Purbachal, West Bengal

BAJKUL MILANI MAHAVIDYALAYA

SYLLABUS DISTRIBUTION-2023

ENVS

Name Of The Teachers		Syllabus Details
DR. B.B.JOSH MRS. SUSMITA MAITY MRS. ANJANA MAITY MR. BUDHHADEB DEBNATH	MR. SANDIP KUMAR JANA MR. RAJIV DEV GOSWAMI MR. DEBSANKAR DAS MISS. PRANATI MANNA	Unit 1: Introduction to environmental studies • Multidisciplinary nature of environmental studies; • Scope and importance; Concept of sustainability and sustainable development.
DR. B.B.JOSH MRS. SUSMITA MAITY MRS. ANJANA MAITY MR. BUDHHADEB DEBNATH	MR. SANDIP KUMAR JANA MR. RAJIV DEV GOSWAMI MR. DEBSANKAR DAS MISS. PRANATI MANNA	Unit 2: Ecosystems • What is an ecosystem? Structure and function of ecosystem; Energy flow in an ecosystem: food chains, food webs and ecological succession. Case studies of the following ecosystems: a) Forest ecosystem b) Grassland ecosystem c) Desert ecosystem d) Aquatic ecosystems (ponds, streams, lakes, rivers, oceans, estuaries)
DR. B.B.JOSH MRS. SUSMITA MAITY MRS. ANJANA MAITY MR. BUDHHADEB DEBNATH	MR. SANDIP KUMAR JANA MR. RAJIV DEV GOSWAMI MR. DEBSANKAR DAS MISS. PRANATI MANNA	Unit 3: Natural Resources: Renewable and Non-renewable Resources • Land resources and land use change; Land degradation, soil erosion and desertification. • Deforestation: Causes and impacts due to mining, dam building on environment, forests, biodiversity and tribal populations. Joint forest management. • Water: Use and over-exploitation of surface and ground water, floods, droughts, conflicts over water (international & inter-state). • Energy resources: Renewable and non renewable energy sources, use of alternate energy sources, growing energy needs, case studies.
DR. B.B.JOSH MRS. SUSMITA MAITY MRS. ANJANA MAITY MR. BUDHHADEB DEBNATH	MR. SANDIP KUMAR JANA MR. RAJIV DEV GOSWAMI MR. DEBSANKAR DAS MISS. PRANATI MANNA	Unit 4: Biodiversity and Conservation • Levels of biological diversity : genetic, species and ecosystem diversity; Biogeographic zones of India; Biodiversity patterns and global biodiversity hot spots • India as a mega-biodiversity nation; Endangered and endemic species of India • Threats to biodiversity: Habitat loss, poaching of wildlife, man-wildlife conflicts, biological invasions; Conservation of biodiversity: In-situ and Ex-situ conservation of biodiversity. • Ecosystem and biodiversity services: Ecological, economic, social, ethical, aesthetic and Informational value.
MR. GOUTAM KUMAR DAS MRS. MOUMITA BARIK MRS. URMITA CANDA CHOWDHURI MRS. TANIA ROY	MR. ATANU DAS MISS. FULDONA PANDIT MR. BAPAN SANTRA DR. B.B.JOSH	Unit 5: Environmental Pollution • Environmental pollution : types, causes, effects and controls; Air, water, soil and noise pollution • Nuclear hazards and human health risks • Solid waste management: Control measures of urban and industrial waste. • Pollution case studies. • Noise pollution.
MR. GOUTAM KUMAR DAS MRS. MOUMITA BARIK MRS. URMITA CANDA CHOWDHURI MR. ATANU DAS	MISS. FULDONA PANDIT MR. BAPAN SANTRA DR. B.B.JOSH MRS. TANIA ROY	Unit 6: Environmental Policies & Practices • Climate change, global warming, ozone layer depletion, acid rain and impacts on human communities and agriculture • Environment Laws: Environment Protection Act; Air (Prevention & Control of Pollution) Act; Water (Prevention and control of Pollution) Act; Wildlife Protection Act; Forest Conservation Act. International agreements: Montreal and Kyoto protocols and Convention on Biological Diversity (CBD). • Nature reserves, tribal populations and rights, and human wildlife conflicts in Indian context. • Environmental policy and gender issues.
MR. GOUTAM KUMAR DAS MRS. MOUMITA BARIK MRS. URMITA CANDA CHOWDHURI MR. ATANU DAS	MISS. FULDONA PANDIT MR. BAPAN SANTRA DR. B.B.JOSH MRS. TANIA ROY	Unit 7: Human Communities and the Environment • Human population growth: Impacts on environment, human health and welfare. • Resettlement and rehabilitation of project affected persons; case studies. • Disaster management: floods, earthquake, cyclones and landslides. • Environmental movements: Chipko, Silent valley, Bishnois of Rajasthan. • Environmental ethics: Role of Indian and other religions and cultures in environmental conservation. • Environmental communication and public awareness, case studies (e.g., CNG vehicles in Delhi).
DR. B.B.JOSH DR. DEBASIS MANNA MRS. SIKHA KAR MISS. SUMITRA RANI JANA DR. SUBRATA GIRI MR. CHANDAN ACHARYA MR. SUBIR PRAMANIK MRS. SUVASREE SAHU MR. SOUMEN PATRA MR. MONOJ MAITY MISS. NABANITA DAS	MR. BIPLAB MANNA DR. DIPNJAN ROY MR. HABIBULLA MALLIK MR. BIKASH BHUNIA MR. SUSANTA BAN MR. MINTU JANA MR. SUMAN PAHARI MR. RAJIV DEV GOSWAMI MISS. KABERI KANDAR MISS. PIU SASMAL	Unit 8: Field work • Visit to an area to document environmental assets: river/ forest/ flora/fauna, etc. • Visit to a local polluted site--Urban/Rural/Industrial/Agricultural. • Study of common plants, insects, birds and basic principles of identification. • Study of simple ecosystems--pond, river, Delhi Ridge, etc. • Disaster management. • Coastal ecosystem.

