Pandil Raghunath Mulmu Smill Mahavidyalaya

Gender sensitivity,
Human Values &
Professional
Ethics in the
syllabus of UG
Courses



## Gender sensitivity, Human Values & Professional Ethics in the syllabus of UG Courses

Programme	Semest er	Course Code	Course Tile	Gend er	Environme nt & Sustainabil ity	Huma n Value s	Professio nal Ethics
Pol. Science	5 <sup>th</sup>	APPLS- 503/GE-1	Human Rights, Gender & Environme nt	<b>√</b>	•	~	<b>√</b>
Philosophy	6 <sup>th</sup>	APPHI 603 SEC-4	Philosophy of Human Rights			<b>√</b>	
Philosophy	4 <sup>th</sup>	APPHI 405 SEC-2	Applied Ethics	<b>V</b>	~	<b>~</b>	<b>*</b>
English	3rd	APENG- 301/C-1C	Contempor ary India: Women & Empowerm ent	~			
English	5 <sup>th</sup>	UG-ENG- 502/C-11	Women's Writing	✓	<b>√</b>	<b>√</b>	
Environmen tal Studis	1st	ACSHP/ 104/ AECC-1	Environme ntal Studies		<b>√</b>		
Forestry	1st	SH/FST/SA 1101	Introductio n to Forestry		4		
Forestry	1st	SH/FST/SA 1102	Principles of Agroforestr y		4		
Forestry	1st	SH/FST/NR 1101	Introductio n to Agronomy and		4		

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			Horticultur e			
Forestry	1st	SH/FST/NR 1102	Forest Extension & Community Forestry		<b>*</b>	
Forestry	1st	SH/FST/BS 1103	Seed Technology & Nursery Managemen t		<b>✓</b>	
Forestry	2nd	SH/FST/FB 1201	Plant Physiology		<b>√</b>	
Forestry	2nd	SH/FST/FB 1202	Geology & Soils		<b>*</b>	
Forestry	2nd	SH/FST/SA 1203	Theory and Practice of Silviculture		<b>√</b>	
Forestry	2nd	SH/FST/WL 1201	Wildlife Biology		<b>✓</b>	
Forestry	2nd	SH/FST/NR 1203	Forest Protection		¥	
Forestry	3rd	SH/FST/NR 2104	Environme ntal Studies and Disaster Managemen t		<b>√</b>	
Forestry	3rd	SH/FST/NR 2105	Forest Survey & Engineering		<b>√</b>	
	3rd	SH/FST/NR 2106	Soil Biology & Fertility		<b>√</b>	

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	3rd	SH/FST/NR 2107	Forest Ecology & Biodiversity	V I	
	3rd	SH/FST/SA 2105	Forest Mensuratio n	_	
	4th	SH/FST/SA 2206	Forest Managemen t	<b>✓</b>	
	4th	SH/FST/SA 2207	Silviculture of Indian Trees	<b>*</b>	
	4th	SH/FST/FP 2203	Ethnobotan y, Medicinal and Aromatic plants	~	
	4th	SH/FST/WL 2202	Ornithology & Herpetolog y		
	4th	SH/FST/NR 2208	Rangeland and Livestock Managemen t		
	4th	SH/FST/BS 2206	Forest Tribology & Anthropolo gy	*	
	5th	SH/FST/SA 3108	Forest Hydrology and Watershed Managemen t		
	5th	SH/FST/NR 3109	Climate Science	<b>*</b>	
	5th	SH/FST/FP 3105	Logging and Ergonomics	¥*	

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	5th	SH/FST/EL-I	Experiential Learning		
	6th	SH/FST/SA 3209	Plantation Forestry		
	6th	SH/FST/NR 3210	Forest Laws, Legislation and Policies	¥	
	6th	SH/FST/NR 3211	Geomatics	·	
	6th	SH/FST/NR3 212	Recreation & Urban Forestry	Ý	
	6th	SH/FST/NR3 213	Restoration Ecology	<b>✓</b>	
	6th	SH/FST/FP 3206	Non Timber Forest Products	<u> </u>	
	6th	SH/FST/FP 3207	Certification of Forest Products	<b>*</b>	
	6th	SH/FST/EL II	Experiential Learning	¥	
	7th	SH/FST/FO WE	Forestry Work Experience	~	
	7th	SH/FST/BS 4117	All India Study Tour	¥	
	8th	SH/FST/NR 4214	Forest Inventory and Yield Prediction	<b>√</b>	

8th	SH/FST/FB 4205	Forest Biotechnolo gy		
8th	SH/FST/SA 4210	Agroforestr y Systems and Managemen t	*	
8th	SH/FST/WL 4203	Wildlife Managemen t	_	
8th	SH/FST/BS 4218	Agricultural Informatics	✓	
8th	SH/FST/PW	Project Work & Dissertation	_	

Coordinator, IQAC PRMS Mahavidylaya Principal PRMS Mahavidyalaya

# Pandil Raghunath Musmu Smith Maharidyalaya

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## EXCERPTS OF THE SYLLABUS FROM POLITICAL SCIENCE

Course Title (Generic Elective Course): Human Rights, Gender and Environment (to be opted by students from other departments)

Course Code: APPLS-503/GE-1 Credit: 06

Contact Hours/week: 06 Maximum Marks: 50 (ESE-40; IA-10)

**Examination Duration: 2 Hours** 

Course Objective: This course aims at enabling the students to understand the issues concerning the rights of citizens in general and the marginalized groups in particular, and assess the institutional and policy measures which have been taken in response to the demands of various movements. Conceptual dimensions, international trends and the Indian experience form the contents of the course.

Expected Learning Outcome: The study of the course will equip the students with theoretical and conceptual understanding of socio - economic and political problems of marginalized groups in society such as women, dalits, minorities and adivasis and repercussions of contemporary developments on globalization on them.

- I. Understanding Social Inequality: Caste, Gender, Ethnicity and Class as Distinct Categories and their Interconnection. Globalisation and its Impact on Workers, Peasants, Dalits, Adivasis and Women.
- II. Human Rights: Human Rights: Various Meanings. UN Declarations. Human Rights and Citizenship Rights. Human Rights and the Indian Constitution. The Rrole of the National Human Rights Commission. Human Rights of Marginalized Groups: Dalits, Adivasis, Women, Minorities and Unorganized Workers. Human Rights Movement in India.
- III. Gender: Gender, Culture and History. Economic Development and Women. The issue of Women's Political Participation and Representation in India. Women's Movements in India.
- IV. Environment: Environmental and Sustainable Development. UN Environment Programme: Rio, Johannesburg and after. Environment Policy in India. Environmental Movement in India.

PRMS MAHAVIDYALAYA

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IQAC CO-ORDINATOR

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## EXCERPTS OF THE SYLLABUS FROM PHILOSOPHY

COURSE: APPHI604

SEC-4: Philosophy of Human Rights (Marks: 50) (45 Hours)

- Definition and Nature of Human Rights.
- Natural Right, Fundamental Right and Human Right.
- Preamble, Fundamental Rights and Duties (Indian Constitution).
- Transgender Human Rights.

## COURSE: APPHI404

SEC -2: Applied Ethics (Marks: 50) (45 Hours)

- Foundation of Applied Ethics. (Problems of Applied Ethics)
- Issues in Applied Ethics. (Suicide and Euthanasia, Deep Ecology and Shallow Ecology, Feminism and Eco-
- Value of Ethics.

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## EXCERPTS OF THE SYLLABUS FROM ENGLISH

Course Title: Contemporary India: Women and Empowerment
Course Code: APENG - 301/C-1C (To be opted by students from other departments)
Credit: 06 Contact Hours/week: 06 Maximum Marks: 50 (ESE-40; IA-10) Examination Duration: 2 Hours

- Social Construction of Gender
   Masculinity and Feminity
   Patriarchy
   Social Constructionism
- History of Women's Movements in India (Pre-independence, post-independence)
   Women, Nationalism, Partition
   Women and Political Participation
  - Begum Rokeya Sakhawat Hossain: Sultana's Dream

## 2. Principles of Agroforestry 3(2+1)

### Theory

Overview of the Agriculture scenario – its structure and constraints. Concept of sustainable agricultureandlandusemanagement. Paradigmshiftin Agriculturedevelopment impactsofgreen revolution – Agrobiodiversity – significance, threats and conservation strategies. Agroforestry

- definition and scope rising demands of fuel wood, fodder and timber. Social, ecological, and economic reasons for agroforestry. History of agroforestry. Components of Agroforestry-Provisioning and regulator services of agroforestry- Nutrient cycling, Soil improvement, Increased production and productivity, Microclimate amelioration and carbon sequestration
- Tree-crop interaction in agroforestry- Definition, kind of interaction Positive interactions-complimentarity-compatibility-mutualism, commensalism-Negative interactions-allelopathy and competition-Interaction management Aboveground and belowground interactions- Manipulation of density, space, crown and roots. Tree Management structure and growth of trees, crown and root architecture, agroforestry practices to minimize negative interaction coppicing, thinning, pollarding and pruning crop planning and management selection of suitable crops
- -management of nutrients, water and weeds Classification of agroforestry systems National Agroforestry Policy 2014—National and International organizations in Agroforestry.

#### Practical

Visit to social / Urban / Community forestry plantations and study their impact on socio

- economic status of rural people- Traditional agroforestry systems in the country and visits to some of the local agroforestry systems. Agroforestry systems in different agroecological zones- their structural and functional features. Visit to on farm agroforestry models. Studies on fodder banks and live fences. Studies on light and below ground interactions in agroforestry systems- MPTs and Nitrogen fixing trees in agroforestry- Studies on allelopathy- Design & Diagnostics exercise in agroforestry- Land capability classification of various topographic regions- Visit to industrial plantations.

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## 4. Forest Extension & Community Forestry 3(2+1) Theory

Forest Extension: Introduction- humanbehaviourandpsychology. Concept, scope, principles, philosophy and objectives of extension education and forestry extension education. Extension education: meaning, definition, nature, scope, objectives, principles, approaches history. Forestry extension: process, principles and types of education, Formal, informal nonformal education. People's participation in Forestry programmes. Elements of extension education, man himself man's environment and man's created devices. Rural Development: meaning, definition, objectives and genesis. Transfer of technology programmes like lab to land programme (LLP) national demonstration (ND), front line demonstration (FLD) Krishi Vigyan Kendras (KVK), Van Vigyan Kendras, Technology Assessment and Refinement Programme (TARP) of ICAR/ ICFRE. Communication: meaning, definition, elements and selected models. Audio-visual aids: importance, classification and selection. Programming planning process - meaning, scope, principles and steps. Evaluation: meaning, importance and methods. Scope and importance of Participatory Rural Appraisal (PRA). Rural social groups, primary and secondary groups, formal,

informal group, temporary, permanent groups, references group, classification of group.

Community Forestry: Introduction to the concept of forestry as a common property resource- Definition, Scope and necessity of community forestry. Forests and man: Forestry in support to agriculture, animal husbandry and horticulture - development of cottage industry in rural environment-NFP 1988 and the importance of people in forest conservation. Community forest management, Community forest development, social economical and environmental aspects, Community forest development through NGOs, civil societies, citizen groups. Gender dimensions in Community forest management. Social Forestry- definition, need and purpose, historic development. Social Forestry for fodder production, fuel wood, leaf manure, timber production, NTFPS. Integrated rural development approach with proper marketing facility, employment generation in raising, tending and harvesting of tree crops. Joint Forest management: concept, legislation, rules, importance. Case studies of JFM implementation- problems and prospects, Microplan Preparation. JFMs, FDCs, VFCs, CBOs, NGOs and co-operative societies.

#### Practical

Visits to study structure, functions, linkages and extension programmers of KVKs or ICFRE institutes/voluntary organizations/Mahila Mandal/Village Panchayat/Van Panchayat/ State Forest Department (Social forestry wing). Group discussion at farm homesteads, Preparing individual and village level production plans. Preparation of charts, posters and flash cards. Participation in conducting exhibitions and method demonstrations/campaigns at the village level. Familiarization of the use of audio-visual aids. PRA exercises. Visit to village to study the community forestry components- Community reserve, organizational set up and administrative procedures in a social forestry (SF) Range. Microplan preparation-Field visit to a JFM operational area and conduct PRA surveys. Afforestation techniques and social forestry.



## Semester I (13+9=22 Credit Hours including 2 Non-Credit)

Sl.No.	Catalog	Course	Credit
1.	SA 1101	Introduction to Forestry	2+0
2.	SA 1102	Principles of Agroforestry	2+1
3.	NR 1101	Introduction to Agronomy and Horticulture	2+1
4.	NR 1102	Forest Extension & Community Forestry	2+1
5.	BS 1101	Information and Communication Technology	1+1
6.	BS 1102	Comunicaion Skills and Personality Development	1+1
7.	BS 1103	Seed Technology & Nursery Management	2+1
8.	BS 1104	Forest Botany/Basic Mathematics	1+1
9.	BS 1105	Physical Education-I	0+1*
10.	BS 1106	NCC-I/NSS-1	0+1*
		TOTAL	13+9

Note: \*Non credit courses.

## Department-wise Course details

## Silviculture and Agroforestry (SA) 1.

## Introduction to Forestry 2(2+0) Theory

Forests - definitions, role, benefits - direct and indirect. History of Forestry - definitions, divisions and interrelationships. Classification of forests - High forests, coppice forests, virgin forest and second growth forests, pure and mixed forests - even and uneven aged stands. Forest types of India-classification. Agroforestry - farm forestry, social forestry, joint forest management - concepts, programmes and objectives. Important acts and policies related to Indian forests. Global warming - forestry options for mitigation and adaptation - carbon sequestration. Important events/dates related to forests and environment - themes and philosophy.

Introduction to world forests - geographical distribution and their classification, factors influencing global forests distribution - productivity and increment of world forests. Forest resources and forestry practices in different regions of the world - Western Europe, North America, Central Africa, Australia, Central America, Russia, Japan, and China. General problems of forest development and economy. Forest based industries in the developed and developing countries. Trade patterns of forest based raw materials. Recent trends in forestry development in the world. National and international organizations in forestry.

#### Suggested Readings

- Beazley, M. 1981. The International Book of Forest. Mitchell Beazly Publishers, London.
- Champion, H, G and Seth, S.K. 1968. Forest types of India, a revised survey of forest types of India, GOI Press, New Delhi, 404p.
- Grebner, D.L., Bettinger, Pand Siry, J.P. 2012. Introduction to Forestry and Natural Resources. Academic Press. 508p (Google eBook).
- Khanna, L.S. 1989. Principles and Practice of Silviculture. Khanna Bandhu, New Delhi, 473p.
- Mather, A.S. 1990. Global forest resources. Belhaven, London.

## 1. Plant Physiology 3(2+1) Theory

Introduction to tree physiology. Photosynthesis - C3, C4 and CAM plants - Photorespiration - Factors affecting photosynthesis. Respiration - energetics of dark respiration. Plant-water relations, Concept of water potential, ascent of sap and water balance. Stomatal physiology stomatal conductance - resistance. Mineral nutrition macromicro nutrients - Arnon's criteria of essentiality - deficiency. Plant growth regulators - classification. Tree structure, Growth and development growth kinetics. Growth regulation and co-ordination- Plant growth analysis Canopy architecture. Forest Biomes. Light interactions models of forest canopies - Sun plants and shade plants shade tolerance. Temperature temperature influence on forest development energy budgets low and high temperature - Physiological adaptations for high temperature chilling injury. Water stress - Mechanism of drought tolerance and drought resistances - Physiological basis of drought avoidance and tolerance. Water relations of forest trees - Transpiration from forest canopies - Evapotranspiration models of forest stands - Water use efficiency of forest stands. Salinity stress its effects on tree growth. Resistance to salinity. Forest and microclimate. Carbon

balance and dry matter production in forest trees - Dry matter production and partitioning - source/sink - . GPP and NPP of forest stands - Carbon cycling - Nutrient dynamics and plant growth - Nutrient cycling of C,N,P,S.

#### Practical

Preparation of solutions, C3 and C4 leaf anatomy. Estimation of transpiration using porometer. Estimation of photosynthesis using IRGA. Extraction and estimation of chlorophyll in plants. Estimation of stomatal index. Demonstration of plasmolysis. Estimation of water potential in plants using Plant water status console. Estimation of leaf area of plants. Plant growth analysis – RGR, NAR, and LAR specific leaf area and leaf weight ratio LAI CGR – LAD etc... Measurement of moisture stress tolerance parameters in trees - membrane stability, chlorophyll stability, proline content, wax and cuticle thickness. Measurement of relative water content, leaf water potential, osmotic potential. Measurements of stomatal resistance/stomatal conductance under varying stress condition. Observation on tree architecture of important species

## 2, Geology and Soils 3 (2+1) Theory

Introduction to geology - its significance, composition of earth's crust, soil as a natural body major components by volume. Pedology -rocks- types - igneous, sedimentary and metamorphic, classification - soil forming minerals - definition, classification-silicates, oxides, carbonates, sulphides, phosphates-occurrence. Weathering of rocks and minerals -weathering factors -physical-chemical-biological agents involved, weathering indices. Factors of soil formationparent material, climate, organism, relief, time. Soil forming processes-eluviations and illuviation, formation of various soils. Physical parameters- texture-definition, methods of textural analysis, Stokes law, textural classes, use of textural triangle, absolute specific gravity-definition apparent specific gravity/bulk density-factors influencing-field bulk density, relation between bulk densityparticle density. Pore space-definition-factors affecting capillary and non capillary porosity- soil colour-definition-its significance - colour variable-hue, value, chroma, Munsell colour chartfactors influencing-parent material-soil moisture-organic matter. Soil structure-definitionclassification-clay- prism like structure-factors influencing genesis of soil structure, soil consistency, plasticity-Atterberg's constants. Soil air-composition, factors influencing-amount of air space. Soil temperature-sources and distribution of heat-factors influencing-measurement. Chemical properties -soil colloids organic- humus-inorganic-secondary silicate-clay-hydrous oxides. Soil organic matter decomposition - concept of pH - soil acidity -nutrient availability- soil buffering capacity a brief overview of saline, sodic and calcareous soils. Soil water-formshygroscopic, capillary and gravitational-soil moisture constants-hygroscopic coefficient-wilting point-field capacity-moisture equivalent, maximum water holding capacity, energy concepts- pF scale measurement-gravimetric-electric and tensiometer methods-pressure plate and pressure membrane apparatus-Neutron probe-soil water movement-saturated and unsaturated infiltration and percolation. Elementary knowledge of soil classification - soil orders, Forest soils- characteristicsdistinguishing features-changes in physical and chemical properties compared to agricultural soils.

#### Practical

Identification of rocks and minerals; Collection and preparation of soil samples; Soil analyses for moisture, colour, bulk density, organic matter, pH, EC; Textural analysis by hydrometer method; Study of soil profile; Study tour for identification of rocks and minerals and profile studies; Practicals on introduction to Tensiometer, pressure plate and neutron probe etc.

#### Theory

Definitions: Forests and Forestry- Silviculture objectives and scope of silviculture-relation with other branches of Forestry Silvics. Site factors - climatic, edaphic, physiographic, biotic and their interactions. Trees and their distinguishing features, growth and development. Root growth- fine root/functional root production- Direct and indirect benefits- biophysical interactions- trees and buffering functions- C sequestration potential of forests. Silvicultural systems-definition, scope and classification. Systems of concentrated regeneration- systems of diffused regeneration- accessory systems- Clear felling systems- Shelterwood system - Selection system and its modifications-Coppice systems- copies with standard Culm selection system in Bamboo, Canopy lifting system in Andaman. Silvicultural systems followed in other countries

Regeneration of forests - objectives - ecology of regeneration- natural, and artificial regeneration. Natural regeneration- seed production, seed dispersal, germination and establishment, requirement for natural regeneration, advance growth, coppice, root sucker, regeneration survey, natural regeneration supplemented by artificial regeneration. Artificial regeneration - object of artificial regeneration - advantages. Factors governing the choice of regeneration techniques. Tree planting- Sowing v/s planting different kinds of pits- tending and cultural operations-weeding-kinds of weeding-release operations-singling, cleaning-liberation cutting

#### Practical

Acquaintance with modern silvicultural tools, Visits to different forest areas/types. Study of forest composition. Visiting plantations raised by forest department, Exercise on nursery practice-seed collection, seed pre-treatment- nursery stock preparation- field preparation- marking, alignment and stacking, pit making-planting, various tending operations- weeding, cleaning, singling, pruning, pollarding, lopping, and thinning- fertilization in trees-plant protection and sanitation

## 4. Wood Anatomy 3(2+1) Theory

Introduction to wood anatomy. Classification of plant kingdom. Gymnosperms versus angiosperms. Kinds of woody plants. The plant body; a tree and its various parts. Meristems; promeristem, primary meristem, secondary meristem. Simple tissues; parenchyma, collenchyma, sclerenchyma and the vascular tissues. Parts of the primary body; typical stems and roots of dicots and monocots. Secondary growth in woody plants. Mechanism of wood formation in general, and with special reference to typical dicot stem. Ray initials and fusiform initials; anticlinal and periclinal division. Physiological significance of wood formation. The macroscopic features of wood, sapwood, heartwood, pith, early wood, late wood, growth rings, wood rays, etc. Sapwood versus heart wood, anatomical differences. Transformation of sapwood to heartwood; factors affecting transformation. Microscopic features of wood. Prosenchymatous elements, tracheids, vessels, fibers. Parenchymatous elements, parenchyma and rays, resin canals, gum canals, latex canals, infiltrants in wood. Three dimensional features of wood; transverse, tangential and radial surfaces. Elements of wood cell walls. The structure and arrangement of simple pit, bordered pits. Extractives in wood, Comparative anatomy of gymnosperms and angiosperms. Anatomical features of common Indian timbers; classification into porous and nonporous woods, ring porous and diffuse porous woods. Effect of growth rate on wood properties. Juvenile wood and mature wood.

## Practical

Study of primary growth in stems of typical dicots and monocots. Study of wood formation in typical dicot stem. Study of vascular bundles in monocots. Parts of the logs (woody trunks), and the three distinctive surfaces of wood (i.e. cross, radial and tangential planes). Timber identification and its importance. Procedures for field identification of timbers. Study of physical features of wood. Study of gross features of wood. Study of anatomical features of wood, pores or vessels, different types. Study of soft tissue in timbers and their different types distributions. Study of wood rays, and their different types. Study of the non-porous woods, their physical and anatomical description. Study of infiltration and inclusions in wood. Anatomical keys and methods to use them. Dichotomous keys, punched card keys and computer aided identification.

Field identification of important timbers of Kerala.

## 5. Wildlife Biology 3(2+1)

## Theory

History of Wildlife studies in India; Classification of Indian Mammals, Basic requirements of wildlife – food, water, shelter, space, limiting factors; Food chain, Food web, Ecological pyramids; Wildlife Ecology: Biotic factors, Biological basis of wildlife, Productivity; Effect of light and temperature on animals; Wildlife Habitat: Niche, Territory, Home Range, Territoriality, Edge, Cruising Radius, Carrying Capacity; Animal behavior and adaptation; Habitat Improvement: Food, Water, Shelter improvement, Human wildlife conflict.

#### Practical

Visit to various protected areas and observations on the morphological, behavioral, feeding and reproductive activities of different species of wild animals in India. Various study methods on the wild animals, such as focal animal sampling, Sherman trapping, mist netting, camera trapping, for identification, determination of age and sexing of animals including the small mammals. Faecal analysis of wild animals.

## 6.Forest Protection 3(2+1)

## Theory

Introduction – Importance of protection in Indian Forestry – classification of injurious agencies. Injury to forest due to fires, causes and character of forest fires – fire prevention activity – fire suppression – fire fighting equipments – fire control policy and objectives. Fire fighting in other countries. Injury to forest due to man, lopping – cutting for fuel wood – Encroachment-different types, control of encroachment illegal felling of trees- method of control legislation. Forest weeds and weed management, management of woody climbers, parasites and epiphytes.

Importance of Forest Pathology, tree disease classification, Principles of tree disease management, - Causes and symptoms- losses due to forest tree diseases, root diseases (wilt, root- and butt rot), stem diseases (heart rots, stem blisters, rusts, stem wilt, cankers, pink diseases, gummosis, water blister) and foliar diseases (rust, powdery mildew, leaf spot, leaf and twig blight, abnormal leaf fall, needle blight

16

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etc.) Etiology, symptoms, mode of spread, epidemiology and management, including chemical, biological, cultural and silvicultural practices. Nursery diseases and their management. Disease due to physiological causes. Abiotic diseases.

Forest Entomology in India. Methods and principles of pest control: Mechanical, physical, silvicultural, legal, biological and chemical. Principles and techniques of Integrated Pest Management in forests. Classification of forest pests: types of damages and symptoms; factors for outbreak of pests. Nature of damage and management: Insect pests of forest seeds, forest nursery and standing trees of timber yielding species of natural forest and Plantation forest species. Insect pests of freshly felled trees, finished timbers and their management.

#### Practical

Visittoforestareaswithfiredamages, Studyingfireregistersasrecords, studyingencroachments and problems caused due to disturbance-visit to illegally felled areas- Visit to fire station, Study and acquaint with machinery used for fire control, identification of weeds, parasites and epiphytes. Observation of symptoms in laboratory and in forests - examination of scrapings - host-parasite relationships - causal organisms of above forest diseases. Examination of cultures of important pathogens. Visit to nurseries and plantations. Insect pests of forest seeds; forest nurseries; standing trees; freshly felled trees and finished products. Survey and identification of invertebrate fauna from forest areas. Methods of isolating soil invertebrate macro and micro fauna. Insecticides and their formulations, plant protection appliances.

## Environmental Studies and Disaster Management 3(2+1) Theory

Environmental studies Definition, scope and importance, Natural Resources, Forest resources, Water resources, Mineral resources, Food resources, Energy resources, Land resources, Ecosystems-Concept of an ecosystem, Structure and function of an ecosystem, Biodiversity and its conservation, Value, Environmental Pollution, Solid Waste Management, Social Issues, Environmental ethics, Wasteland reclamation, Environment Protection Act. Air (Prevention and Control of Pollution) Act. Water (Prevention and control of Pollution) Act. Wildlife Protection

Act. Forest Conservation Act. Issues involved in enforcement of environmental legislation. Public awareness, Environment and human health, Women and Child Welfare, Natural Disasters, Climatic change, Man Made Disasters, Disaster Management

#### Practical

Field work: Visit to a local area to document environmental assets river/ forest/ grassland/ hill/ mountain, visit to a local polluted site-Urban/ Rural/ Industrial/ Agricultural, Study and documentation of common plants, insects, birds and study of simple ecosystems-pond, river, hill slopes, etc.



## Forest Survey & Engineering 3(2+1) Theory

Forest survey, scope and types of surveying, chain surveying, types and instruments used; Traversing, triangulation, survey stations, base line, check and tie lines; ranging of survey lines; offsets and their types; chain of sloppy grounds, chaining across obstacles; cross staff surveying, Areas of irregularly bounded fields- different methods; Simpson's, trapezoidal rule; compass surveying, chain and compass traversing, magnetic and true bearing, prismatic compass, local attraction. Computation of interior angles and balancing of closed traverse. Plane table surveying; plane table and its accessories, methods of plane table surveying. Leveling: terms used types — of level. Theodolite and its uses. Contour surveying buildings materials- types, strength and characteristics, site selection for building construction, forest roads- alignment, construction and drainage; retaining walls, breast wall, water ways and culverts; bridges-types, selection of site,

simple wooden beam bridge, check dams, spurs, farm ponds, earth dams.

#### Practical

Chain surveying, compass traversing; plane table surveying, leveling, calculations of earth work for construction of forest; roads & earth dams; alignment of forest roads; preparation building plans; design of water ways; design of simple wooden beam bridge; design of retaining walls. Design of check dams.

#### Suggested Reading

- Kanetkar, T.P. and Kulkarni, S.V. (1989). Surveying and levelling. Vidyarthi Griha Prakashan, Pune.
- Masani, N.J. (2006). Forest Engineering without tears (2nd edition). Natraj Publishers, Dehra Dun.
- Murthy, V.V.N. (1985). Land and water management engineering. Kalyani Publishers, New Delhi.

## Forest Ecology and Biodiversity 3(2+1) Theory

Historical development of ecology as a science. Levels of biological organization. Major forest Ecosystem. Forest environment- major abiotic and biotic components and their interaction, Nutrient cycling, trophic levels, food webs, ecological pyramids and energy flow. Population ecology - definition, population dynamics and carrying capacity, preparation of life table and its importance in forest management. Community ecology- species interactions, ecological succession, terminology, basic concepts, theories of succession- climax vegetation types, forest management and succession. Island Biogeography. Autecology of important tree species. Perturbation ecology- Biodiversity and conservation – definition, levels of study, distribution of diversity in life forms, hotspots of biodiversity, measurement of diversity and diversity indices. Principles of conservation biology, Ex-situ and In-situ methods of conservation, Genetic and evolutionary principles in conservation. Biosphere concept. Conservation – efforts in India and worldwide.

## Practical

Study of ecological modifications in plants; Effects of fire on forest ecosystem; Study of population dynamics using model systems; Preparation of life tables; Study of spatial dispersion among plants; Study of Forest composition; Niche analysis; Computation of diversity indices; Measurement of diversity of plants and insects in a nearby forest; Study of succession in field and water bodies; Visit to different ecosystems.

## 5. Tree Improvement 3(2+1) Theory

Introduction – history and development of tree improvement – its relation to other disciplines of forestry. Reproduction in forest trees. Anthesis and pollination – their importance in tree breeding. Incompatibility and sterility. Quantitative inheritance. Relevance in forestry. Genetic, environmental and interaction components of varitation - heritability and genetic advance. Genetic basis of tree breeding. Natural variability in trees – types and importance.- forces that change variability. Exotic forestry. Provenance testing. Selection- seed production areas—seed orchards. Progeny trial and improvement of seed orchards. Combining ability and genetic gain – Hybridization in trees – back cross breeding, heterosis breeding. Breeding for resistance to insect pest's diseases, air pollution and for wood properties. Vegetative propagation and clonal forestry. Conservation of forest tree germplasm. Recent techniques in tree improvement.

Mutation breeding; Ploidy breeding. Breeding objectives and concepts of breeding in self polinated, cross pollinated and vegetatively propagated crops. Breeding of important tree species. Breeding procedures for development of hybrids, / varieties of various crops. DUS testing, Concepts of Geographical indications. Artificial hybrids in trees-crossing in trees-problems and perspectives-crossing hybrids and hybrid breakdown. Hybrid nomenclature in trees- Future of hybrid in applied tree improvement.

## Practical

Floral biology and phonological observations in some important species. Pollen morphology. Estimation of pollen sterility and viability. Emasculation and hybridization in forest tree species. Different breeding methods – flow chart. Recording observations in provenence trial. Estimation of phenotypic and genotypic coefficient of variation. Estimation of genetic advance, heritability and GCA. Exercise in plus tree selection – recording data – design and observation in teak, eucalyptus seed orchard.

## 7. Forest Mensuration 3(2+1)

### Theory

Forest Mensuration- Definitionandobjectives- Scalesofmeasurement- Unitsofmeasurements - Precision, bias and accuracy- Diameter and girth measurements- Breast height measurements instruments used- Measurement of height-Definitions- Methods of measurement of height-occular-non instrumental and instrumental methods- Sources of error in height measurements-leaning trees. Tree stem form-Metzgr's theory –form factor- types of form factor-form height for quotient-form class. Volume measurements of standing trees-logs-branch wood- formulae-involved Definitions - Volume tables preparation of volume tables-graphical method-regression method- Determination of growth of trees- Increment-CAI & MAI- increment percent-increment

24



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borer- Stump analysis- Stem analysis. Measurement of tree crops-objects-crop diameter-crop height-crop age-crop volume.

#### Practical

Determination of pace length- Measurements of diameter-girth and basal area of trees using Callipers, Tape, Ruler, Penta Prism Tree Calliper etc. Measurement of height using non instrumental method- Preparation and use of simple height measuring instruments- Christens Hypsometer-Smithies Hypsometer- Modified Smithies Hypsometer-Measurement of tree height using instrumental methods- Abneys level- Haga altimeter- Relaskop- Clinometer- Blumeleiss Hypsometer-Laser Hypsometer- Volume determination of standing and felled trees. Exercise on Stump analysis. Exercise on stem analysis-Annual ring counting using ring borer. Preparation of volume tables- local volume table.

## Theory De

1.Forest Management 3(2+1)

Definition, scope, objective and principles of forest management, organization of state forests-sustained yield-definition, principles and limitations. Sustainable forest management-criteria and indicators-Increasing and progressive yields-Rotation -definitions-various types of rotations-length of rotations-choice of type and kind of rotation. Normal forest-definitions basic factors of normality. Factors governing the yield and growth of forest stands-Working plan-preparations-objectives and uses-forest maps and their uses. Joint forest management-concept and principles-Modern tools in forest management. Introduction to the concept of forestry as a common property resource—Definition, Scope and necessity of community forestry- Forests and man- Forestry in support to agriculture, animal husbandry and horticulture—development of cottage industry in rural





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environment-NFP 1988 and the importance of people in forest conservation. Community forest management, Community forest development, social economical and environmental aspects, Community forest development through NGOs, civil societies, citizen groups- Gender dimensions in Community forest management. Social Forestry- definition –NCA report of 1976- need and purpose- Social Forestry for – fodder production – fuel wood – leaf manure – timber production. Integrated rural development approach – with proper marketing facility –

 -timber production. Integrated rural development approach — with proper marketing facility employment generation in raising, tending and harvesting of tree crops. Place of social forestry in the national forest policy of India-role of forest department.

#### Practical

Visit to different forest divisions to study the various stand management aspects including thinning, felling and sale of timber. Study forest organizational set up and forest range administration including booking of offences. Visit to forest plantation- Field Exercise for the estimation of actual growing stock volume. Field visit to JFM operational areas. Study the different field exercises for data collection for working plan.

## 1.Forest Management 3(2+1)

## Theory

Definition, scope, objective and principles of forest management, organization of state forests-sustained yield-definition, principles and limitations. Sustainable forest management-criteria and indicators-Increasing and progressive yields-Rotation -definitions-various types of rotations-length of rotations-choice of type and kind of rotation. Normal forest-definitions basic factors of normality. Factors governing the yield and growth of forest stands-Working plan-preparations-objectives and uses-forest maps and their uses. Joint forest management-concept and principles-Modern tools in forest management. Introduction to the concept of forestry as a common property resource—Definition, Scope and necessity of community forestry- Forests and man- Forestry in support to agriculture, animal husbandry and horticulture—development of cottage industry in rural

26

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## 3. Wood Products and Utilization 3(2+1) Theory

Uses of wood. Growth of wood based industry in India, effect of globalization. Importance of forest based industries in relation to Indian economy. Wood as a source of energy and chemicals, wood as raw material for industries like pulp, paper, rayon, composite woods and improved woods. Description of different forest based industries - paper and pulp, furniture, bamboo, sports goods, pencil making, match box and splint making, use of wood of lesser known forest species for commercial purposes. Structural uses of Timber - bridges and other super structures. Decorative uses of wood. Introduction to wood modification, its need and scope, chemical modification of wood (acetylation, reaction with isocyanates, acetates, ethers, epoxides etc.). Primary conversion; sawing and veneering. Composite wood; plywood, laminated wood, core board, sandwich board, fibre board, particle board; manufacturing process, uses and properties. Adhesives used in manufacture of composite wood. Improved wood; compressed wood, impregnated wood etc.; manufacturing process, uses and properties. Nano technology in wood. Manufacture of rayon and match. Wood carving and handicrafts. Destructive distillation of wood. Saccharification of wood. Production of wood molasses, alcohol and yeast. Biochar, technology, bioenergy concepts - short

rotation crops as raw materials.

#### Practical

Estimation of specific gravity and calorific value of wood specimens. Maceration techniques and determination of sizes of fibres, vessels etc. Visits to various wood based industries like, plywood, packing case, match, tannins, furniture, saw mills etc. to study the manufacturing process. Visit to saw mill to study veneering and different kinds of sawing. Handicraft manufacturing unit. Visit to wood distillation unit. Visit to nearby industrial plantations.

31

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## Theory

Meaning, scope and development of Anthropology. Relationships with other disciplines. Main branches of Anthropology, their scope and relevance. Human Evolution and emergence of Man. Phylogenetic status, characteristics and geographical distribution. Principles of Prehistoric Archaeology. Chronology: Relative and Absolute Dating methods. Culture, Society, Marriage, Family, Kinship, Economic and Political Organization, Social Control, Religion, Anthropological theories, Language and Communication, Research Methods in Anthropology. Race and Racism. Applications of Anthropology. Ethno-archaeology in India. Demographic profile of India. The structure and nature of traditional Indian social system. Caste system in India Definition and characteristics of a tribe. Tribes and aborigines- an anthropological perspective. Racial classification and distribution of tribes. Tribes in India and Kerala. Tribal economy. Tribals and Constitution of India Administration of tribal areas in independent India- appraisal of tribal development - problems of tribal identity and integration in the mainstream. Relation between tribes and forests- forest as their immediate environment. Forests as the means of livelihood. Girijan habitat - changes consequent to government control of forests. Forest management and tribal welfare-management conflicts and way forward. Role of forest department in tribal welfare. Role of Non wood Forest products in the economy of tribal's and Tribal cooperative societies. Social forestry and tribal welfare.



## Forest Hydrology and Watershed Management 3(2+1)

## Theory

Importance and scope of Hydrology. Definitions. Hydrological cycle. Energy and water balance equations precipitation- rain and snow hydrology. Interception, infiltration, evaporation and transpiration- paired water sheds, surface water, run off processes and hydrograph. Soil water energy concept, movement, availability and measurement. Watershed management- an approach for sustainable productivity-principles and practices- Methods for water conservation- water harvesting techniques. Role of trees in water conservation- natural terracing- species suitability-Recharging of water springs. Forest treatment and water yield. Application of GIS in watershed delineation.

#### Practical

Study of hydrological equipment; Measurement and analysis of rainfall data; Estimation of runoff using rational formula; Preparation, use and analysis of hydrograph; Measurement of evaporation by different methods; Visit to forest watersheds to study the effect of forest treatment on hydrological properties. Assessemnt of the impact of watershed treatments such as afforestation/restocking, assisted regeneration etc. on the watershed functioning- field layout-regeneration assessment- interpretation of results.

## 2. Climate Science 3(2+1) Theory

Agrometeorology - definition, aim and scope. Factors and elements of weather and climate.

33

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Composition and structure of atmosphere. Air and soil temperature regimes, atmospheric humidity, types of clouds and precipitation, hails and frost. Cyclones, anticyclones and thunder storms. Solar radiations components and effect on plant growth. Effect of weather and climate on the growth and development of crops. Climatic normals for crops and trees. Agro climatic zones of India . Evaporation and transpiration.

Climate change: Understanding climate change and its Consequences. Global warming and its effects on Forest. Forest and climate change: Vulnerability and adaptability - Evidence of forest disturbance due to climate change -Climate change influence on agro-forestry- Climate resilient forestry. Economic worth of carbon storage in forest - Forest and UN convention on climate change - NATCOM initiatives - Decision making in emission of Green House Gases (GHG). Kyoto protocol, awareness about climate change. National action plan for climate change - Green India mission-Indian Network for Climate Change Assessment (INCCA) - State Action Plans on Climate Change.

## Wood Science and Technology 3(2+1) Theory

Kinds of woods; hardwood, softwood, bamboos and palms, merits and demerits of wood raw material, the physical features of wood. Electrical, thermal and acoustic properties of wood. Mechanical properties of wood like tension, compression, bending, shearing, cleavage, hardness, impact resistance, nail and screw holding capacities. Suitability of wood for various uses based on mechanical and physical properties. Wood water relationship; shrinkage, swelling, movement, fibre saturation, equilibrium moisture content. Wood seasoning; merits, principles and types; air seasoning, kiln seasoning and chemical seasoning. Refractory classes of timbers, kiln schedules. Seasoning defects and their control. Classification of timbers based on durability. Wood preservation; principles, processes, need, types of wood preservatives (Water soluble, oil based, etc.). General idea about fire retardants and their usage. Non-pressure methods; steeping, dipping, soaking open tank process, Boucherie process. Pressure methods; full cell process, empty cell process (Lowry and Rueping). Wood machining. Sawing; techniques, kinds of saws; cross cut, edging, cudless, hand, circular and bow saws. Wood working, tools used in wood working (parting, slicing, shaping, measuring and marking tools). Various stages in wood working. Dimensional stabilization of wood by surface coating method, bulking method, impregnation of resins and polymers.

#### Practical

Mechanical tests on timber. Static bending, impact bending, compression parallel and perpendicular to the grain, hardness, shear, torsion, nail and screw pulling test, brittleness test and

34



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calculation of properties. Estimation of combustibility of wood using bomb calorimeter. Estimation of directional shrinkage and swelling of wood. Familiarization of non-destructive wood testing instruments. Visit to wood testing laboratories.

## 7. Forest Economics and Marketing 3(2+1)

### Theory

Economics- Meaning, definition, subject matter- Divisions of economics - Importance of economics- Forest Economics- Meaning, definition- Basic concepts-Goods, service, utility, value, price, wealth, welfare-Wants-Meaning, characteristics, classifications of wants, importance. The ory of consumption- Law of diminishing marginal utility, meaning, definition, assumption, illustration, limitations, lawofequi-marginal utility. Importance. Consumer surplus- Meaning,

definition, importance. Demand-Meaning, definition, kinds of demand, demand schedule, demand curve, law of Demand, extension and contraction vs increase and decrease in demand. Elasticity of demand- Types of elasticity of demand, degrees of price elasticity of demand, methods of measuring elasticity, factors in fluencing demand, elasticity of dem and, importance of elasticity of demand-supply- meaning, supply function-Law of supply-factors in fluencing supply-Pricing of timber and non-timber products-Economics of timber and non-timber forest products. Forest planning—forest policy and development. Production-Meaning, factors of production-land, labour, capital, organization, entrepreneurship-Distribution-rent, wages, interest, prof it-National Income-definition and concepts-Public finance- meaning- Public resource-Meaning- sources- Taxation-types-Publicexpenditure-meaning, principles, Money-meaning-evolution-Inflation: definition, types of inflation-Welf are economics-Meaning and basic concepts.

Marketing- definition - Marketing Process - Need for marketing - Role of marketing - Marketing functions - Classification of markets - Marketing of various channels - Price spread - Marketing Efficiency - Integration - Constraints in marketing of agricultural produce. Market intelligence - Basic guidelines for preparation of project reports- Bank norms - Insurance - SWOT analysis - Crisis management

#### Practical

Techno-economic parameters for preparation of projects. Preparation of Bankable projects for various agricultural products and its value added products. Identification of marketing channel—Calculation of Price Spread—Identification of Market Structure—Visit to different Markets.



## 1.Plantation Forestry 3(2+1) Theory

Plantations-definition and scope. History of plantations, Development of plantation forestry, Plantation organization and structure, Land and plantation development. Plantation planning-National and regional planning-project appraisal and project implementation—feasibility studies. Plantation silviculture - Choice of species- Plantation establishment- Plantation maintenance-Nutrition in plantations- use of fertilizers- Major pest and disease in plantations- sanitation and control measures. Dynamics of stand growth- CCF-MCA- stand density management in plantations- Thinning regimes- improvement fellings, Site quality evaluation, stand basal area- site index concept in plantation forestry- plantation productivity assessment- growing stock assessment- MAI, sustainability of plantations. Plantation records- plantation journal. Industrial plantations- paper and pulp wood- match wood, plywood plantations- Plantations yielding NTFPs-Energy plantation- high density short rotation plantations- petro crops- avenue plantations-Plantations as potential carbon sinks carbon sinks- Economic factors in plantation development- social and cultural considerations.

## Practical

Study the tools and materials for plantation establishment- Visit small and large plantationsstudy their management and functioning- Exposure to plantation project preparation- economic
evaluation and feasibility studies of plantation projects. Study of planting operations- study of
tending techniques- Planting methods and techniques fo different types of plantations including
energy plantations, canal bank plantations - pulp wood plantations- study of Forest Development
Corporation plantations-road side plantations plantation planning- Plantation journal- Choice of
species for plantations-economic considerations in plantation- Study of govt vs. pvt. Plantations.

## 2. Forest Laws, Legislation and Policies 2(2+0) Theory

National forest policies-scope and importance- comparative analysis of all forest policies -Indian judicial system- Legal definitions, application of penal code to forests, general principles of criminal law, legal principles of punishment, criminal procedure code, the law of evidence and the Indian Evidence Act, 1872 as applied to forestry matters. Indian Forest Act, 1927 general provisions, Code of Civil procedure, 1908. Forest (Conservation) Act, 1980. Brief description about other major forest laws of regional, national and international significance. Detailed study of KFA 1961. Wildlife proction act' 1972. Biological Diversity bill 2002-discussion of court verdicts on issues of utmost importance to conservation.

## 5. Restoration Ecology 2(1+1)

## Theory

Degraded lands: Concept, classification, status, extent and causes of degraded lands/ wastelands, different types of degraded lands—physical, chemical and biological land degradation. Soil erosion—types, causes and mechanism, measures to control erosion, ravine and sand dune formation and their control measures. Salt affected soils—classes of salt affected soils, causes, extent and their effects on plant growth and afforestation / reclamation practices. Acid soils—definition, characteristics, causes and afforestation. Water logged areas—explanation, impact on pant growth and Biodrainage techniques. Afforestation and reclamation of denuded hill slopes, land slips and landslides, avalanche and cold desert, mined out, dry, rocky and murramy areas. Desertification-definition, impact and causes, prevention and counter measures (shelter belts and wind breaks). Soil pollution—types, effects and control measures through forestry techniques. National and state level programmes on degraded lands/wasteland development. Role of Government agencies and NGO's in degraded lands/wasteland development programme.

41

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## Practical

Tree species suitable for different degraded lands. Identification and study of various degraded lands. Visit to nearby degraded lands (eroded site, ravine and sand dune, coastal area, waterlogged area, denuded hill slopes, land slips and landslides, avalanche and cold desert, mined out, dry, rocky and murramy areas) and afforestation programme.

### 1. Forest Inventory and Yield Prediction 2(1+1)

### Theory

Yield - In regular forests-In Irregular forests. Estimation of growth and Yield of stands - Forest Inventory - Point sampling Forest Inventory - Definition-objectives- Kinds of enumeration- Tree assessment techniques- Measurement of wood volume, tree volume & tree volume tables - Kinds of sampling -Sampling design - Kinds of sampling units- Fixed area and point sampling units - Plots, strips, topographical units - sampling intensity- Inventory designs used in India - Sampling errors and non sampling errors.-Organisation of field work and conduct of enumeration - Point sampling-Concept of horizontal point sampling . Estimation of growth and yield prediction in forest stands-Stand structure - Growth of stand - Methods of predicting future growth of stands - Stand density - Canopy density - Crown competition factor- Yield tables- definition- Preparation of yield table - Application and use of yield tables - Stand table-definition and use.

## Practical

Study the demarcation and alignment of plots, strips etc. Field exercise on Horizontal Field demonstration of various sampling techniques- Simple, stratified, multi stage, multiphase, non-random sampling techniques. Visit forest areas for forest enumerations- point sampling- use of wedge prism and Relaskop - Field exercise on the determination of site quality -Visit to local forest divisions and study the methods of preparation and use of yield tables. Method demonstration on the use of aerial photographs in forest inventory

## 3. Agroforestry Systems and Management 3(2+1)

## Theory

Land use and land capability classification- overview of agroforestry around the world – agroforestry systems in India. Classification of agroforestry systems – structural, functional, agroecological, socio-economic and physiognomic basis. Agrosilvicultural systems – Improved fallows in shifting cultivation – soil dynamics in shifting cultivation – Taungya systems – Alley cropping – structural and functional attributes. Multipurpose trees and shrubs on farmlands, agricultural fields-Plantation crop combinations- commercial crops under shade of planted trees and natural forests-

48



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Windbreaks & Shelterbelts. Silvopastoral systems – protein banks, Live fence of fodder trees and hedges, trees and shrubs in pastures. Pastoral silviculture systems – grassland and tree management in the humid, arid and semi- arid regions. Agrosilvopastoral systems – tropical home gardens – structural and functional attributes. Other systems – apiculture, sericulture and mixed woodlots. Major Agroforestry practices in different agroecological zones of India- arid and semi arid regions- agroforestry practices for wasteland reclamation. Agroforestry practices for salt affected soils – Agroforestry practices for wetlands and waterlogged areas. Non-wood forest products based agroforestry – Soil fertility improvement and water conservation through agroforestry. Socio-economic analysis of various agroforestry systems.

## Practical

Studythedesirablecharacteristicsoftrees/shrubs/grassesforvariousagroforestryprogrammes. Assessment of standing stock of tree species in various agroforestry systems such as homegardens. Survey of agroforestry practices in local/adjoining areas. Field observations to characterize the structural, functional and economic attributes of the following agroforestry systems and practices-agrosilviculture systems, silvopastoral systems, pastoral silviculture systems, agrosilvopastoral systems, shelterbelts and windbreaks, live fences; fodder trees and protein banks. Exercise on Diagnosis and Design of agroforestry systems and practices. Assessment of productivity of tree crop combinations. Studying resource partitioning in agroforestry systems - water, light and nutrients. Analysis of soil and plant samples for organic carbon N, P and K.

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## Value Added Courses Common for All COURSE TITLE: ENVIRONMENTAL STUDIES COURSE CODE: ACS/ 106/ VAC-1 Credit- 04

Marks: 50 (10 + 40)

### Unit 1: Introduction to Environmental Studies

- Multidisciplinary nature of environmental studies
- Definition, Nature, Scope and Importance of environmental studies
- Types and Components of environment
- Sustainable development

## Unit 2: Ecosystems

- Concept of Ecology and Eco-system, Structure and Function of an Ecosystem
- Different types of ecosystem; Forest, Desert and Aquatic (Ponds and Oceans) Biomes
- Energy flow in the ecosystem, energy flow models
- · Food chains, food weds and ecological pyramids
- Ecological Succession

## Unit 3: Natural Resources: Renewable and Non-Renewable Resources

- · Land resources: Land degradation, Landslides, Soil erosion
- Forest resources: Uses, types and importance, deforestation and its effects, Forest biodiversity and tribal population
- Water resources: Distribution of water on Earth; Use and over-exploitation of surface and groundwater; conflicts over water
- Energy resources: Renewable and Non-renewable energy sources; Use of alternative energy Sources

## Unit 4: Biodiversity and conservation

- Introduction Definition: Levels of biological diversity: Genetics, Species and Eco-System Diversity, Biodiversity hot spots and mega biodiversity countries.
- Threats to biodiversity; Value (services) of biodiversity; man-wildlife conflicts, biological invasions
- Conservation of biodiversity: In situ and Ex situ conservation of biodiversity; End angered and endemic species of India

### 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
- Fireworks Pollution and thermal pollution.

## Unit 6: Environmental Policies and Environment Laws

- Climate change, global warming, ozone layer depletion, acid rain and its impacts on human communities and agriculture
- Environment Laws: Environment Protection Act, 1986; Air (Prevention, Practices & Control of Pollution)
  Act, 1981; Water (Prevention and control of Pollution) Act, 1972; Wildlife Protection Act, 1972, Forest
  Conservation Act, 1920, 1988; International agreements: Montreal protocols, 1987 and Kyoto protocols,
  1997 and Convention on Biological Diversity (CBD)
- Tribal populations in India and rights.

## Unit 7: Human Communities and the Environment

- · Human population growth: Population Explosion, Impacts on environment, human health and welfare
- Disaster management: floods, earthquake, cyclones and landslides
- Environmental movements: Chipko, Silent valley
- Environmental ethics: Role of Indian and other religions and cultures in environmental Conservation
- Environment and human health: Concept of health and diseases (Vector Borne Diseases)
- Human Rights, Value Education, Role of Information Technology in Environment

## Unit 8: Field Work (Project 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 etc

## Semester IV

## UG/HIST/405 SEC-2: Understanding Popular Culture

Module I: Introduction: Defining culture, folk culture and popular culture and understanding ithistorically,

Module II: Visual expressions; Bengal School of Art; Tanjore; Mysore; Patachitra; Madhubani, Dokra, Terracota, Calendar Art, Photography

Module III: Performance: Theatre; music; folk tales/ folk

dance/songs/ Nautanki/Jatra, Puppetry

Module IV. The audio-visual: Hindi, Bengali, Bhojpuri, Tamil and Malayali

Films; Expressions of Popular Culture in Radio and Television,

Module V. Fairs, Festivals with special emphasis on tribal festivals and

Rituals: Disentanglingmythological stories, patronage, regional variations-

Gajan-Charak

Module VI. Popular culture in a globalized world:

Commercialization of folk and culture; The impact of the

Internet and social media

# List of Seminars on crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability

Sl no.	Name of the Seminar/ Webinar/ Event	Organizing Department	Dates
1.	Crime and Punishment on Ethical Standpoint	The Department of Philosophy	30. 10. 2021
2.	Molecular Targets in Cancer Therapy	The Department of Chemistry	12. 07. 2021
3.	World Environment Day	The Department of Forestry	05. 06. 2022
4.	International Women's Day Celebration	Women's Cell and N.S.S. Unit	08. 03. 2022
5.	A One Day Seminar on "Cyber Security and Cyber Crime"	IQAC	27.04.2022
6.	A One Day Students' Seminar on "Women in Literature"	The Department of English	30. 09. 2021



# Students' seminar Report Department of Philosophy PRMS Mahavidyalaya, Bankura

Submitted to: Internal Quality Assurance Cell(IQAC)

Submitted by: Department of Philosophy

# Seminar On "Crime and Punishment on Ethical Standpoint"

Date and Time: 30.10.2021 from 12:00 PM to 1:00 PM

Venue: Google Meet (Online) Students participated: 41

Organized By: Department of Philosophy under the supervision of Prof.

Kalpana Mitra (HOD) and Prof. Mrinal Kanti Mahata

## Agenda:

Embarking on a journey through the intricacies of morality and justice, the Department of Philosophy proudly presented its seminar on "Crime and Punishment on Ethical Standpoint." Delving into the timeless discourse of right and wrong, this seminar invited students to explore the complex interplay between ethics, law, and societal norms in the realm of criminal justice. From philosophical frameworks to contemporary ethical dilemmas, students joined us as we unraveled the profound implications of human conduct and the principles that govern punishment within ethical paradigms. Together, we embarked on a thought-provoking exploration, where critical inquiry met moral reflection, in our pursuit of understanding crime and its ethical ramifications.

# Purpose of the Seminar

- → Enhanced Communication Skills: Student seminars provide a platform for students to articulate their ideas effectively, improving their verbal communication skills through practice and feedback.
- → Presentation Proficiency: Regular exposure to seminar presentations hones students' abilities to organize and deliver information coherently, fostering confidence in public speaking.
- → Critical Thinking Development: Researching and presenting on various topics encourages students to think critically, analyze information, and form wellsupported arguments, promoting intellectual growth.
- → Interdisciplinary Learning: Seminars often encourage students to explore topics beyond their core curriculum, fostering interdisciplinary connections and broadening their knowledge base.
- → Peer Learning and Collaboration: Engaging in seminars fosters an environment of peer learning and collaboration, where students can exchange ideas, provide constructive feedback, and learn from each other's perspectives, enriching their overall learning experience.

# Inaugural functions and sessions

In the inaugural session, our esteemed principal, Dr. Neelanshu Ghosh, shared his perspective on the necessity of such seminars for student enrichment. Additionally, our IQAC coordinator expressed their support for student-led initiatives, highlighting the importance of seminars in fostering intellectual growth and critical thinking among students.

This seminar was meticulously organized with a primary focus on nurturing the presentation and communication skills of our students. Despite the challenges posed by the COVID-19 lockdown situation, our students exhibited resilience and dedication. They were encouraged to select topics not only from their syllabus but also from allied areas, broadening the scope of discussion and exploration.

During the seminar, students showcased their proficiency in delivering PowerPoint presentations, effectively conveying their insights and analyses. Furthermore, they actively engaged in the question and answer session, demonstrating their depth of understanding and ability to articulate their viewpoints.

Together, amidst unprecedented circumstances, we witnessed the intellectual vigor and scholarly enthusiasm of our students, reaffirming our commitment to academic excellence and the pursuit of knowledge in all circumstances.

# Student's who presented

Students	Semester
Krishna Kundu	Semester V
Kaberi Kundu	Semester V
Sambhu Duley	Semester V
Piyali Mandal	Semester III

## Outcome of the seminar

- → Enhanced Sense of Identity: Through active participation in the seminar, students developed a stronger sense of identity within the academic community, recognizing their role as contributors to scholarly discourse.
- → Confident and Involved Learners: The seminar provided a platform for students to engage with complex ethical issues, fostering confidence in their abilities to analyze and discuss challenging topics. As a result, students emerged as more involved learners, eager to explore new ideas and perspectives.
- → Improved Communication Skills: By presenting their ideas through PowerPoint presentations and participating in the question and answer sessions, students honed their communication skills. They learned to articulate their thoughts effectively, conveying their insights with clarity and confidence.

# A Report on International Women's Day Celebration on 8th March, 2022

# Organised by Women's Cell and N. S. S. Unit

Pandit Raghunath Murmu Smriti Mahavidyalaya

Name of the Event: International Women's Day Celebration

Organised by : Women's Cell and N. S. S. Unit, Pandit Raghunath Murmu Smriti

Mahavidyalaya.

Date: March 8, 2022

Time: 11.00 am

Venue: Language Lab, the Department of English, Pandit Raghunath Murmu Smriti

Mahavidyalaya

## Objectives of the Event:

To create awareness of gender equality for a healthy society. Also, The milestone to be reached is the basic information for a girl child in every family education will increase awareness among the society which will further result in overall development of the nation and its community.

## Description of the Event:

International Women's Day is celebrated across the globe, every year on March 8. It celebrates womanhood and pays tribute to the indomitable spirit of women across the globe. Its root lies in the early 1900s when oppression and inequality was spurring women to become more vocal and active in campaigning for change.

This day brings many things for women – a cause for celebration, a reason to pause and reevaluate a remembrance, an inspiration and a time to honour, love and admire. To honour
womanhood the Women's Cell and N. S. S. Unit of Pandit Rghunath Murmu Smriti
Mahavidyalaya celebrated Women's Day on March 8, 2022.

Preparation of the Women's Day Programme had started immediately after identifying the need for Women's motivation towards their duties. The approval for the Women's Day Programme was sought almost two weeks in advance. The circular was circulated among all the faculty members and female students for their information. The programme took place in the Language Lab of the department of English, P. R. M. S. Mahavidyalaya. The programme was inaugurated by the honourable Principal sir, Dr Neelanghshu Ghosh at 11 a.m. by lighting the lamp. The students of the Department of English sang the inaugural song. All the students and the faculty members were present at this programme. The members of Governing Body were also invited as the guests. The faculty members of the college shared their valuable opinions on the importance of women in our society. The programme was concluded with the vote of thanks given by the Convenor of the Women;s Cell of the college.

## Glimpses of the Day:



Fig: Speech by the faculty members of the college



Fig: Attendees of the programme

# A Report on A One-Day Seminar on "Cyber Security and Cyber Crime" Organized by the Internal Quality Assurance Cell, Pandit Raghunath Murmu Smriti Mahavidyalaya

Date of the Event : April 27, 2022

Venue: Auditorium Hall, P. R. M. S. Mahavidyalaya

Patron: Dr Neelangshu Ghosh, Principal, P. R. M. S. Mahavidyalaya

Organized by : IQAC, P. R. M. S. Mahavidyalaya

Chief Guest: Mr Ganesh Biswas, ASP, Bankura

Guest of Honour: Kashinath Mishra, SDPO, Khatra

Other Dignitaries: Sujit Bhattacharya, IC, Sarenga

Cyber Crime Expert and Resource Person

## Flyer of the Event:



Objective of the Seminar:

- To aware students about cyber attacks.
- To educate the students about the safety measures that should be taken to avoid cyber

## Description of Event:

We increasingly rely on the internet and digital devices for daily tasks like communicating with each other, accessing financial services, and working and learning remotely. But in the present scenario cyber attacks become a threat to our life. Cyber attacks are malicious attempts to breach computers and information systems. Cybercriminals often seek to use others' digital data to benefit themselves. They use phishing scams and other social engineering techniques, malware, and ransomware to attack individuals and organizations.

To aware the students about cyber crime the Internal Quality Assurance Cell of Pandit
Raghunath Murmu Smriti Mahavidyalaya organized a one- day seminar on "Cyber Security and
Cyber Crime". The seminar was organized on April 27, 2022 at the Auditorium Hall of Pandit
Raghunath Murmu Smriti Mahavidyalaya. The seminar was inaugurated by our honourable
Principal Sir Dr Neelangsu Ghosh. Mr. Ganesh Biswas, ASP, Bankura was present at the
seminar as the chief guest. Mr Kashinath Misra, SDPO, Khatra was present at the event as the
guest of honour. After the inaugural session Mr Biswas and Mr Misra delivered their valuable
opinion regarding cyber crime and cyber security. In the seminar I.C. Sarenga, Mr Sujit
Bhattacharya was also present. Apart from the lectures cyber crime experts and resource persons
organized a hands-on session. They educate the students about the dos and don'ts while they are
using the internet. The cyber experts also gave valuable opinions regarding cyber security. Ms
Monalisa Chatterjee, S.I., Cyber Police Station, Bankura delivered her valuable tips and

conducted a hands-on-session on cyber security. Many students of the college took part in the seminar. After attending the session they were extremely benefitted. The programme was coordinated by Mr Kartick Monsal, Assistant Professor and Head, the Department of Mathematics and Mr Anirban Ash, Assistant Professor and Head, the Department of English. The seminar was concluded by the vote of thanks given by the IQAC Coordinator.

## Outcome of the Seminar:

- Cyber crime has become a common threat in the present scenario. From the time Covid 19 Pandemic the students are accessing more internet, and in such a scenario this kind of seminar was the need of the hour. That's why the IQAC of P. R. M. S. Mahavidyalaya organized a seminar on cyber security and cyber crime. The students who participated in the seminar were extremely benefitted by this seminar. They came to know about the travel and off campus security threats, the tips how to safely use public wi-fi.
- The cyber experts also educate the participants about Internet Safety and Cyber security resources for students. They also give them knowledge on digital safety.
- The hand-on-sessions on the tips of safely using the internet make the seminar an extremely successful event.

## Glimpses of the Event:



Fig: Banner of the Seminar, containing the list of the eminent guests and other dignitaries



Fig: Speech delivered by Ms Monalisa Chattrerjee, S.I., Cyber police Station, Bankura

## GARDENING

# Sponsored by: NSS Unit of Pandit Raghunath Murmu Smriti Mahavidyalaya A Report of the

Gardening, 8<sup>TH</sup> AUGUST, 2018

By

Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura West Bengal, India



## **Details of the Program**

TITLE OF THE PROGRAMME: Gardening

ORGANISED BY: Pandit Raghunath Murmu Smriti Mahavidyalaya

DATE OF PROGRAMME: 8th AUGUST, 2018

NUMBER OF TEACHER PARTICIPANTS: 3

NUMBER OF NTS PARTICIPANTS: 5

NUMBER OF ACTIVE TEACHER AND STUDENT PARTICIPANTS: 3 and 62

TOTAL NUMBER OF STUDENT PARTICIPANTS: 62

VENUE: Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura

West Bengal, India

TIME: 08.00 AM to 11.00 AM

## REPORT

Pandit Raghunath Murmu Smriti Mahavidyalaya has organized a Gardening programme on 5<sup>th</sup> August, 2018 with collaboration with department of Forestry. The lighting of lamp and offering of wreath was started by Dr. Kuntal Kanti Chattaraj followed by Bursur Mr. Tapas Halder and all other teachers, staff and students of the college. The TIC of PRMS Mahavidyalaya Dr. Kuntal Kanti Chattoraj provided a lecture about Gardening. Dr. Subhasis Mahata(HOD, Forestry department of PRMSM) delivered a special talk regarding this matter and he encourage the students for rapid gardening.

## **OBJECTIVES:**

Gardening in our college campus can be both productive and nonproductive. But it's a choice. In a single day, most students spend almost 50 per cent of their time daily at the college campus. Therefore, it's essential to make the campus more liveable and greener. A garden with a proper design has enormous benefits towards college residents or students. As the college campus consists of a huge area, there are lots of unused places or roadsides at the college campus which can be a good choice for planting trees. It will supply more oxygen to the environment, keep the air fresh and remove the monotony of the students as well as teachers.

## OUTCOMES:

- 1. The volunteers have gained knowledge about the environment.
- 2. The volunteers inspired in model campus gardening.
- 3. They know about student's role in gardening activities.
- Volunteers aware about the importance of green campus model.

# LIST OF STUDENTS WHO ENROLLED THEMSELVES IN THE KARATE TRAINING PROGRAMME

SL NO	NAME	YEAR OF ENROLMENT
1	Anupama Mahata	JULY, 20221
2	Piyali Satpathi	JULY, 20221
3	kakali Duley	JULY, 20221
4	Anupama Singha	JULY, 20221
5	Mitali Misra	JULY, 20221
6	Samit RuiDas	JULY, 20221
7	Subrata Kisku	JULY, 20221
8	Bhabatosh Mahata	JULY, 20221
9	Raju Panda	JULY, 20221
10	Mrinalkanti Singhamahapatra	JULY, 20221
11	Rajesh Singhamahapatra	JULY, 20221
12	Soumen Misra	JULY, 20221
13	Barsa Mahata	JULY, 20221
14	Sangita Mahata	JULY, 20221
15	Champa Majhi	JULY, 20221
16	Aparna Mandal	JULY, 20221
17	Sampa Garai	JULY, 20221
18	Shilpa Dandapat	JULY, 20221
19	Shyamali Garai	JULY, 20221
20	Sandip Mandi	JULY, 20221
21	Anupama Mahata	JULY, 20221

# SOME SAMPLE OF STUDENTS WHO ENROLLED IN KARATE FOR THE SESSION 2021-22





# Pandit Raghunath Murmu Smriti Mahavidyalaya Viit.: Baragari, P.O.: Jamboni , P.S.: Sarenga, Dist.: Bankura, Pin: 722150 Phone No : 03243-259236



## Admission Fee Group

Name	: TANUSHREE SINGHAMAHAPATRA
Subject	+ POLITICAL SCIENCE MINOR
Father Name	: PRABIR SINGHAMAHAPATRA
Carlona .	DENCALLMA IOD

Receipt Date	: 24-07-2023	
Receipt No	: 1724-2021-2022	2022
Student ID	: 1142300718	
Semester	: Semester-l	

Fees Name		Amount
None	7.1.44	0.0000
	Total Amount	0.0000

Total Amount in word: Zero Paise Only

Transaction No: Payment ID: Payment Mode Transaction Date: Status





# Pandit Raghunath Murmu Smriti Mahavidyalaya Vill: Baragarl, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pln: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Name	: SAMIT RUIDAS
Subject	APPHI APPOL MIL BNG None
Father Name	: SUSANTA RUIDAS
College Roll	1653
Course/Sem	: AP 1st Semester

Receipt Date	16-11-2021
Receipt No	: 24276-2021-2022
Student ID	1142105010
Univ. Reg. No.	
Univ. Roll No.	

Foes Name	Amount
ADMISSION FEE	25.0000
ANNUAL CHARGE	50 0000
Building & Corpus Fund	60,0000
CAUTION MONEY (LIB)	25,0000
COMPUTER FEE	70.0000
Cultural	50,000
DEVLOPMENT FEE	* 200 000
ELECTRICITY CHARGE	200,000
Engliment Fees UG(BKU) per semester	100,000
EXAMINATION (COLLEGE) FEE	25.000
Games & Sports	40.000
Games & Sports (BKU) per Sem	50.000
GENERATOR CHARGE	40.000
GYM AND CARRATE FEES	100.000
IDENTITY CARD FEE	25,000
LIBRARY FEE	30.000
MAGAZINE FEE	40.000
MISC, CHARGES	50.000
PROCESSING CHARGE	50.000
Registration Fees(BKU) One time:	200.000
S PUJA	35.000
SEMINAR FEE	10 000
ST.UNION FORMATION FEES	5.00
STUDENT AID FUND	30.000
STUDENT LINION FEE	30.000
TRANSMISSION	30.00
TUTION FEE	300.000

Total Amount in word: One Thousand Eight Hundred and Seventy Rupees and Zero Paise Only

Transaction No:
Payment ID:
Payment Mode: Online Admission
Transaction Date: 16-11-2021 00:00:00
Status: success





# Pandit Raghunath Murmu Smriti Mahavidyalaya Vili: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Name	SUBRATA KISKU
Subject	APBNG SPGEO MIL BNG None
Father' Name	SATYABARAN KISKU
College Roll	: 1087
Course/Som	: APIGEOGI 1st Semester

Receipt Date	
Receipt No.	
Student ID	
sales, rieg. 140.	
Univ. Reg. No.	

16-11-2021 23710-2021-2022 1142100660

Fees Name	Amount
ADMISSION FEE	
ANNUAL CHARGE	25.0000
Building & Corpus Fund	50,0000
CAUTION MONEY (LIB)	60,0000
COMPUTER FEE	25.0000
Cultural	70.0000
DEVLOPMENT FEE	50,0000
ELECTRICITY CHARGE	300,0000
Engliment Fees UG(BKU) per semester	200,0000
EXAMINATION (COLLEGE) FEE	100.0000
Games & Sports	25,0000
Games & Sports (BKU) per Sam	40,0000
GENERATOR CHARGE	50,000
GYM AND CARRATE FEES	40.0000
DENTITY CARD FEE	100 0000
LABORATORY FEE	25 0000
LIBRARY FEE	150,0000
MAGAZINE FEE	40,000
MISC, CHARGES	50,000
PROCESSING CHARGE	50,000
Registration Fees(BKU) One time	200,0000
SPUJA	35,000
SEMINAR FEE	10,000
ST.UNION FORMATION FEES	5,000
STUDENT AID FUND	30,000
STUDENT UNION FEE	30,000
TRANSMISSION	30,000
TUTION FEE	510,000
	510.0000

Total Amount in word: Two Thousand Three Hundred and Thirty Rupees and Zero Paise Only

Transaction No:	
Payment ID:	
Payment Mode:	Online Admission
Transaction Date	16-11-2021 00:00:00
Cinn we autogase	









Vill: Baragari, P.O. Jamboni , P.S. Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



### Subject Change

BHABATOSH MAHATA APPOL APSNS MIL SNS None LATE KAMAL CH MAHATA 1518 AP 1st Semester

Fees Name Amount 50.0000 Total Amount

Total Amount in word: Fifty Rupees and Zero Paise Only

Transaction No. 114210193120211202110157 Payment ID. N/A Payment Mode: UPI Transaction Date: 02-12-2021 00:00:00 Status: success



9/4/2021

Cash Receipt



# Pandit Raghunath Murmu Smriti Mahavidyalaya

Vill.: Baragari, P.O.: Jamboni , P.S.: Sarenga, Dist.: Bankura, Pin: 722150 Phone No : 03243-269236

## Admission Fee Group

AVIJIT MAHATA HISTORY GENERAL , PHILOSOPHY GENERAL , BENGALI MIL TARIT MAHATA ARTS PROGRAMME

04-09-2021 978-2021-2022 1142100788 Semester-I

Fees Name		Amount
Admission Fee		1870,0000
	Total Amount	1870.0000

Total Amount in word: One Thousand Eight Hundred and Seventy Rupees and Zero Palse Only

Transaction No. 114210078820210994042150 Payment IO. N/A Payment Mode: DC Transaction Date: 04-09-2021 16:22:54 Status: success





VIII: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Subject Father Name College Roll

RAJU PANDA APBNG APHIS MIL BNG None SHANTINATH PANDA

Receipt Date Receipt No Student ID Univ. Reg. No. Univ. Roll No.

16-11-2021 23207-2021-2022 1142102552

Fees Name	Amount	
ADMISSION FEE	21	5.000
ANNUAL CHARGE		0.000
Building & Corpus Fund		0.000
CAUTION MONEY (LIB)		5,000
COMPUTER FEE		0.000
Cultural		0.000
DEVLOPMENT FEE		0.000
ELECTRICITY CHARGE		0.000
Enallment Fees UG(BKU) per semester		0.000
EXAMINATION (COLLEGE) FEE		5.000
Games & Sports		0.00
Garnes & Sports (BKU) per Sem		0.00
GENERATOR CHARGE		0.00
GYM AND CARRATE FEES		3.00
IDENTITY CARD FEE		5.00
LIBRARY FEE		0.00
MAGAZINE FEE		0.00
MISC. CHARGES		0.00
PROCESSING CHARGE		0.00
Registration Fees(BKU) One time		0.00
S.PUJA		5.00
SEMINAR FEE		0.00
ST.UNION FORMATION FEES		5.00
STUDENT AID FUND	3	0.00
STUDENT UNION FEE		0.00
TRANSMISSION	3	0.00
TUTION FEE	30	0.00
Total Amount	402	70.00

Total Amount in word: One Thousand Eight Hundred and Seventy Rupees and Zero Palse Only.

Payment ID:
Payment Mode: Online Admission
Transaction Date: 16-11-2021 00:00:00
Status: success

Cashier







Vill: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

MRINALKANTI SINGHA MAHAPATRA

PRAHLAD SINGHA MAHAPATRA 238 AH 5th Semester

Receipt No Receipt No Student ID Univ. Reg. No Univ. Roll No

28-10-2021 21768-2021-2022 1141900175

19141104035

Fees Name	Amount
	25,0000
ADMISSION FEE	50,0000
ANNUAL CHARGE	60,0000
Building & Corpus Fund	20.0000
CAUTION MONEY (LIB)	70,0000
COMPUTER FEE	50,0000
Cultural	200,0000
DEVLOPMENT FEE	200,0000
ELECTRICITY CHARGE	100,0000
Enailment Fees UG(BKU) per semester	25,0000
EXAMINATION (COLLEGE) FEE	40 0000
Games & Sports	50.0000
Games & Sports (BKU) per Sem	40.9000
GENERATOR CHARGE	100,0000
GYM AND CARRATE FEES	25,0000
IDENTITY CARD FEE	30,0000
LIBRARY FEE	40,0000
MAGAZINE FEE	50,0000
MISC, CHARGES	50,0000
PROCESSING CHARGE	35,0000
S.PUJA	10.0000
SEMINAR FEE	5,0000
STUNION FORMATION FEES	30,0000
STUDENT AID FUND	\$0,000
STUDENT UNION FEE	30,0000
TRANSMISSION	450,000
TUTION FEE	1815.00
Total Amoun	

Total Amount in word: One Thousand Eight Hundred and Fifteen Rupces and Zero Paise Only

Transaction No: 114190017520211028023310
Payment ID: N/A
Payment Mode: D0
Transaction Date: 23-10-2021 00:00:00
Status: success





Vill: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236

## ADMISSION FEE GROUP

Name Subject Father' Name

RAJESH SINGHAMAHAPATRA

AMALENDU SINGHAMAHAPATRA

College Roll

Course/Sem

AH 5th Semester

Receipt Date Receipt No.

29-10-2021

Student ID

22105-2021-20 1141900167

Univ. Reg. No.

Univ. Roll No.

19141104037

Fees Name	Amount
ADMISSION FEE	Amount
ANNUAL CHARGE	
Building & Corpus Fund	
CAUTION MONEY (LIB)	
COMPUTER FEE	
Cultural	
DEVLOPMENT FEE	
ELECTRICITY CHARGE	
Enollment Fees UG(BKU) per semester	
EXAMINATION (COLLEGE) FEE	
Games & Sports	
Games & Sports (BKU) per Sem	
GENERATOR CHARGE	
GYM AND CARRATE FEES	
IDENTITY CARD FEE	
LIBRARY FEE	
MAGAZINE FEE	
MISC, CHARGES	
PROCESSING CHARGE	
S PUJA	
SEMINAR FEE	
ST.UNION FORMATION FEES	
STUDENT AID FUND	
STUDENT UNION FEE	
TRANSMISSION	
TUTION FEE	

Total Amount

Total Amount in word: One Thousand Eight Hundred and Fifteen Rupees and Zero Paise Only

Transaction No. 114190016720211029060205

Payment ID: N/A Payment Mode: DC

Transaction Date: 29-10-2021 00:00:00

Status: success







VIII: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Name Subject Father Name College Roll SOUMEN MISRA APBNG SPGEO MIL- BNG ENGLISH COMPULSORY SANJIB KUMAR MISRA AP 2nd Semester

Receipt Date Receipt No Student ID Univ. Reg. No. Univ. Roll No. 23-06-2021 19539-2021-2022 1142000754

Fees Name	Amount
ADMISSION FEE	
Enollment Fees UG(BKU) per semester	25,0000
EXAMINATION (COLLEGE) FEE	100,0000
Games & Sports (BKU) per Sem	25.0000
PROCESSING CHARGE	50.0000
TUTION FEE	50,0000
TOHOWYEE	300.0000
Total Amount	EE0 000

Total Amount in word: Five Hundred and Fifty Rupees and Zero Paise Only

Transaction No: 114200075420210623120950 Payment ID: 440010512 Payment Mode: DC Transaction Date: 23-06-2021 00:00:00 Status: success

Cashier





Cash Receipt

# Pandit Raghunath Murmu Smriti Mahavidyalaya

Vill.: Baragari, P.O.: Jamboni , P.S.: Sarenga, Dist.: Bankura, Pin: 722150 Phone No : 03243-259236

## Admission Fee Group

Subject Father Name

Fees Name

Admission Fee

BARSHA MAHATA BENGALI GENERAL , HISTORY GENERAL , BENGALI MIL NEMAI MAHATA

Course

ARTS PROGRAMME

Receipt Date Receipt No Student ID Somester

04-09-2021 903-2021-2022 1142100264

Semester-I

Amount

1870.0000

Total Amount

1870.0000

Total Amount in word: One Thousand Eight Hundred and Seventy Rupees and Zero Paise Only.

Transaction No: 114210026420210904105409

Payment ID: N/A

Payment Mode: DC

Transaction Date: 04-09-2021 10:55:00

Status: auccoss

Note:



Cash Receipt

# Pandit Raghunath Murmu Smriti Mahavidyalaya

VIII.: Baragari, P.O.: Jamboni , P.S.: Sarenga, Dist.: Bankura, Pin: 722150 Phone No : 03243-259236

## Admission Fee Group

Name

SANGITA MAHATA

Subject Father Name Course

BENGALI GENERAL, HISTORY GENERAL, BENGALI MIL

ASHOK MAHATA ARTS PROGRAMME

Receipt Date Receipt No Student ID

04-09-2021 925-2021-2022

1142100536

Fees Name

Admission Fee

Amount

1870.000

**Total Amount** 

1870.0

Total Amount in word: One Thousand Eight Hundred and Seventy Rupees and Zero Paise Only

Transaction No: 114210053620210904112814 Payment ID: N/A Payment Mode: DC

Transaction Date: 04-09-2021 11:29:42

Status: success







VIII: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Name Subject Father' Name College Roll CHAMPA MAJI

APBNG APPHY MIL- BNG SUNIL MAJI

235

Course/Sem

AP 3rd Semester

Receipt Date

Receipt No Student ID

Univ. Reg. No. Univ. Roll No.

27-10-2021 21497-2021-2022

1142000047

Fees Name	Amount
ADMISSION FEE	25.000
ANNUAL CHARGE	50.000
Building & Corpus Fund	60.000
CAUTION MONEY (LIB)	25,000
COMPUTER FEE	70.000
Cultural	50.000
DEVLOPMENT FEE	200.00
ELECTRICITY CHARGE	200.00
Enoliment Fees UG(BKU) per semester	100.00
EXAMINATION (COLLEGE) FEE	25.00
Games & Sports	40.00
Garnes & Sports (BKU) per Sem	50.00
GENERATOR CHARGE	40.00
GYM AND CARRATE FEES	100.00
IDENTITY CARD FEE	25.00
LIBRARY FEE	30,00
MAGAZINE FEE	40.00
MISC, CHARGES	50.00
PROCESSING CHARGE	50.00
S.PUJA	35.00
SEMINAR FEE	10.00
ST.UNION FORMATION FEES	5.00
STUDENT AID FUND	30.0
STUDENT UNION FEE	30.0
TRANSMISSION	30,0
TUTION FEE	300.0
Total Amount	1670.

Total Amount in word: One Thousand Six Hundred and Seventy Rupees and Zero Paise Only

Transaction No: 114200004720211027122424 Payment ID: N/A Payment Mode: CC

Transaction Date: 27-10-2021 00:00:00

Status: success

Note:

Cashier



12/12/21, 10:10 AM

Cash Receipt





# it Raghunath Murmu Smriti Mahavidyalaya

ri, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Name Subject Father' Name College Roll APARNA MANDAL APBNG APPHY MIL- BNG TARAPADA MANDAL 231

Course/Sem AP 3rd Semester Receipt Date Receipt No

27-10-2021 21538-2021-2022 1142090035

Student ID Univ. Reg. No.

Univ. Roll

No.	0.3

Fees Name	Amount
ADMISSION FEE	25,0000
ANNUAL CHARGE	50,000
Building & Corpus Fund	60,000
CAUTION MONEY (LIB)	25,000
COMPUTER FEE	70,000
Cultural	50.000
DEVLOPMENT FEE	200.000
ELECTRICITY CHARGE	200.000
Enollment Fees UG(BKU) per semester	100.900
EXAMINATION (COLLEGE) FEE	25.000
Games & Sports	40.009
Games & Sports (BKU) per Sem	50,000
GENERATOR CHARGE	40.000
GYM AND CARRATE FEES	100,000
IDENTITY GARD FEE	25,000
LIBRARY FEE	30,000
MAGAZINE FEE	40.000
MISC, CHARGES	50.000
PROCESSING CHARGE	50,000
S.PUJA	35.000
SEMINAR FEE	10,000
STUNION FORMATION FEES	5.00
STUDENT AID FUND	30.00
STUDENT UNION FEE	30,00
TRANSMISSION	30,000
TUTION FEE	300.000
Total Amount	1670.00

Total Amount in word: One Thousand Six Hundred and Seventy Rupees and Zero Palse Only.

Transaction No: 114200003520211027052640
Payment ID: N/A
Payment Mode: CC
Transaction Date: 27-10-2021 00:00:00

Status: success

Cashier







https://www.prinsm2nil-n/Collegestudent/FeesReceipt1.aspx?txn...

## laghunath Murmu Smriti Mahavidyalaya

VIII: Baragari, P.O: Jamboni , P.S: Sarenga, Divi: Bankura, Pin: 7/22150 Phone No : 03243-259236



## ADMISSION FEE GROUP

Subject ether' Namo

SAMPA GARAI APBNG APPHY MIL- SNS NARU GARAI

College Roll 687

AP 3rd Semester Course/Sem

Receipt Date Receipt No Student ID Univ. Reg. No. Univ. Holl No.

26-10-2021 21255-2021-2022 1142003012

Foes Name	Amount
ADMISSION FEE	25.0000
	50,0000
ANNUAL CHARGE	60.0000
Building & Corpus Fund	25,0000
CAUTION MONEY (LIB)	70.0000
COMPUTER FEE	50,0000
Cultural	200,0000
DEVLOPMENT FEE	200,0000
ELECTRICITY CHARGE	100.0000
Engliment Fees UG(BKU) per semester	25 0000
EXAMINATION (COLLEGE) FEE	40,0000
Games & Sports	50,000
Games & Sports (BKU) per Sem	40.0000
GENERATOR CHARGE	100,0000
GYMIAND CARRATE FEES	25.0000
IDENTITY CARD FEE	30,0000
LIBRARY FEE	40,0000
MAGAZINE FEE	50,0000
MISC, CHARGES	50,0000
PROCESSING CHARGE	35,0000
SPOJA	10.0000
SEMINAR FEE	5.0000
ST.UNION FORMATION FEES	30.0000
STUDENT AID FUND	30.0000
STUDENT UNION FEE	30.0000
TRANSMISSION	300,0000
TUTION FEE	1670,000

Total Amount

Total Amount in word: One Thousand Six Hundred and Seventy Rupeas and Zero Paise Only.

Transaction No. 114200301220211025092348 Payment IO: N/A Payment Mode: UPI

Transaction Date: 26-10-2021 00:00:00

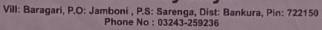
Status success

/2/3/K. Cashini PEASS Millionidy compa the Senting Chin Reside

Cashier

01-Nov-21, 12:50 P







## ADMISSION FEE GROUP

SHILPA DANDAPAT APBNG APPHY MIL- BNG UTTAM DANDAPAT Name Subject Father' Name College Roll 101

Course/Sem AP 3rd Semester Receipt Date Receipt No Student ID

31-10-2021 22470-2021-2022 1142000651

Univ	4. E	Re	g.	No	
Univ	A.F	20	11 1	Vo.	

Fees Name	Amount
ADMISSION FEE	25,0000
ANNUAL CHARGE	50,0000
Building & Corpus Fund	60,0000
CAUTION MONEY (LIB)	25,0000
COMPUTER FEE	70,0000
Cultural	50.0000
DEVLOPMENT FEE	200.0000
ELECTRICITY CHARGE	200,0000
Enollment Fees UG(BKU) per semester	100.0000
EXAMINATION (COLLEGE) FEE	25.0000
Games & Sports	40.0000
Games & Sports (BKU) per Sem	50,0000
GENERATOR CHARGE	40.0000
GYM AND CARRATE FEES	100.0000
IDENTITY CARD FEE	25,0000
LIBRARY FEE	30.0000
MAGAZINE FEE	40.0000
MISC, CHARGES	50.0000
PROCESSING CHARGE	50.0000
S,PUJA	35.0000
SEMINAR FEE	10.0000
ST.UNION FORMATION FEES	5.0000
STUDENT AID FUND	30.0000
STUDENT UNION FEE	30.0000
TRANSMISSION	30.0000
TUTION FEE	300.0000
Total Amount	1670,000

Total Amount in word: One Thousand Six Hundred and Seventy Rupees and Zero Paise Only.

Transaction No. 114200065120211031113019 Payment ID: N/A Payment Mode: DC Transaction Date: 31-10-2021 00:00:00 Status: success

Cashier





Cash Receipt

### Pandit Raghunath Murmu Smriti Mahavidyalaya

VIII Baragari, P.O. Jamboni, P.S. Sarenga, Dist. Bankura, Pin. 722150 Phone No. 03243-259236

### Admission Fee Group

Name Subject If after Name AKASH LOHAR
BENGALI GENERAL , PHILOSOPHY GENERAL , BENGALI MIL
DASARATH LOHAR
ARTS PROGRAMME

Receipt Date Receipt No Student ID 02-09-2021 509-2021-2022 1142101680 Semester-I

 Fees Name
 Amount

 Admission Fee
 1870 0000

 Total Amount
 1870 0000

Total Amount in word. One Thousand Eight Hundred and Seventy Rupees and Zero Paise Only

Transaction No. 114210168020210902102841 Payment ID NIA Payment Mode: UPI Transaction Date: 02-09-2021 22, 29-33 Status success

Note





### Pandit Raghunath Murmu Smriti Mahavidyalaya

Vill: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



### ADMISSION FEE GROUP

SHYAMALI GARAI APSNS APPHY MIL- BNG MADHUSUDAN GARAI Subject Father Name

College Roll

AP 3rd Semester

Receipt Date Receipt No Student ID Univ. Reg. No. Univ. Roll No. 27-10-2021 21402-2021-2022 1142000185

Fees Name	Amount
ADMISSION FEE	25,0000
ANNUAL CHARGE	50.0000
Building & Corpus Fund	60.0000
CAUTION MONEY (LIB)	25.0000
COMPUTER FEE	70.0000
Cultural	50.0000
DEVLOPMENT FEE	200.0000
ELECTRICITY CHARGE	200.0000
Enoliment Fees UG(BKU) per semester	100,0000
EXAMINATION (COLLEGE) FEE	25.0000
Genes & Sports	40.0000
Games & Sports (BKU) per Sem	50.0000
GENERATOR CHARGE	40.000
GYM AND CARRATE FEES	100.000
IDENTITY CARD FEE	25.000
	30.000
LIBRARY FEE	40.000
MAGAZINE FEE	50.000
MISC, CHARGES	50,000
PROCESSING CHARGE	35.000
S.PUJA	10,000
SEMINAR FEE	5.000
STUNION FORMATION FEES	30,000
STUDENT AID FUND	30.000
STUDENT UNION FEE	30.00X
TRANSMISSION	300.00
TUTION FEE	1670.00

Total Amount in word: One Thousand Six Hundred and Seventy Rupees and Zero Palse Only

Transaction No. 114200018520211027091546 Payment ID, N/A Payment Mode: DC

Transaction Date: 27-10-2021 00:00:00

Status: success

Cashier





### Pandit Raghunath Murmu Smriti Mahavidyalaya

Vill: Baragari, P.O: Jamboni , P.S: Sarenga, Dist: Bankura, Pin: 722150 Phone No : 03243-259236



### ADMISSION FEE GROUP

Name Subject Father' Name

SHYAMALI GARAI APSNS APPHY MIL- BNG MADHUSUDAN GARAI

College Roll

AP 3rd Semester

Receipt Date Receipt No Student ID Univ. Reg. No.

27-10-2021 21402-2021-2022 1142000185

Univ	/ Roll	No.	
-			
_	_		

Fees Name	Amount
ADMISSION FEE	25.0000
ANNUAL CHARGE	50,0000
Building & Corpus Fund	60,0000
CAUTION MONEY (LIB)	25.0000
COMPUTER FEE	70.0000
Cultural	50.0000
DEVLOPMENT FEE	200.0000
ELECTRICITY CHARGE	200.0000
Enoliment Fees UG(BKU) per semester	100,0000
EXAMINATION (COLLEGE) FEE	25.6000
Games & Sports	40,0000
Games & Sports (BKU) per Sem	50,0000
GENERATOR CHARGE	40,0000
OYM AND CARRATE FEES	100,0000
IDENTITY CARD FEE	25,0000
LIBRARY FEE	30,0000
MAGAZINE FEE	40,0000
MISC. CHARGES	50,0000
PROCESSING CHARGE	50,0000
S.PUJA	35.0000
SEMINAR FEE	10,0000
ST.UNION FORMATION FEES	5,0000
STUDENT AID FUND	30,000
STUDENT UNION FEE	30,0000
TRANSMISSION	30,0000
TUTION FEE	300.0000
Total Amount	1670.000

Total Amount in word. One Thousand Six Hundred and Seventy Rupees and Zero Palse Only

Transaction No. 114200018520211027091546
Payment ID: N/A
Payment Mode: DC
Transaction Date: 27-10-2021 00:00:00
Status: success





### STUDENTS INVOLVED IN KARATE TRAINING











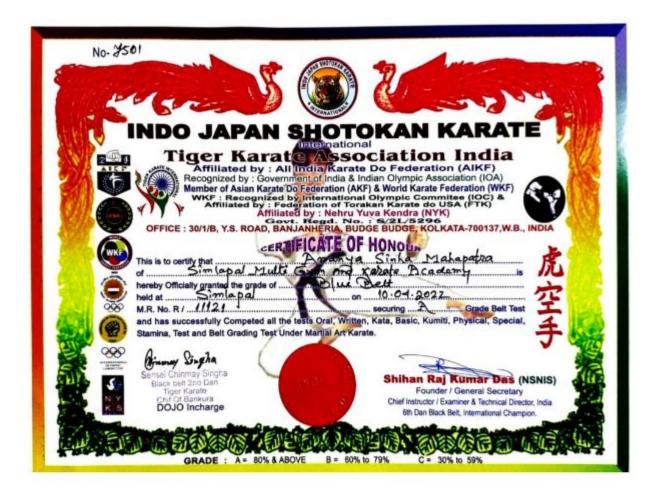












# Pandit Raghunath Murmu Smiriti Mahavidyalaya



A Report On

# RABINDRA JAYANTI CELEBRATION

Held ON 09.05.2022

At English Language Lab PRMS Mahavidyalaya Introduction: The spirit of Rabindranath Tagore, the bard of Bengal, was celebrated with grandeur and enthusiasm during the Rabindrajanti Celebration at PRMS MAHAVIDYALAYA. The event, held to commemorate the birth anniversary of Rabindranath Tagore, showcased a rich tapestry of cultural performances and tributes, paying homage to the timeless legacy of the Nobel laureate.

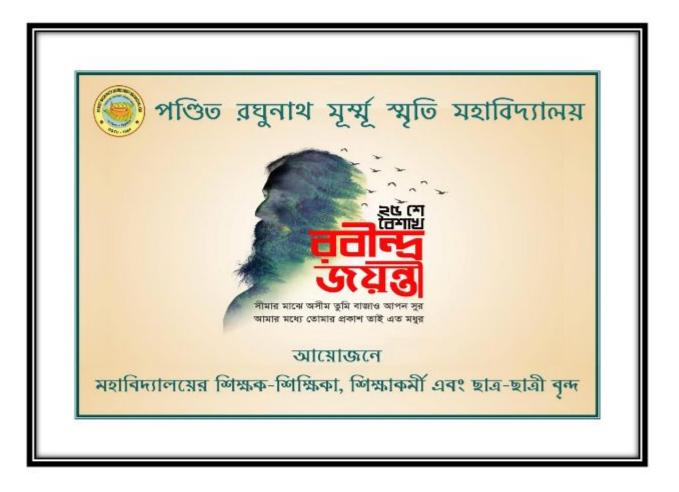


Figure 1 BANNER OF THE PROGRAMME

Event Highlights: The Rabindrajanti Celebration commenced with an invocation to Tagore's literary genius and artistic brilliance. The air was filled with the melodious strains of Rabindra Sangeet, as students and performers rendered soulful renditions of Tagore's timeless

compositions. The ethereal music captivated the audience, transporting them to the tranquil realms of Tagore's poetic universe.



Figure 2 STUDENTS SINGING CHORUS

Adding to the cultural extravaganza, mesmerizing Rabindra Nritya (Rabindra Dance) performances adorned the stage, reflecting the grace and elegance inherent in Tagore's choreographic creations. The dancers, with their fluid movements and expressive gestures, breathed life into Tagore's verses, infusing each step with profound emotion and symbolism.

The mesmerizing tunes of the flute filled the air, as talented musicians showcased their prowess in playing Tagore's compositions on this traditional instrument. The haunting melodies resonated with the audience, evoking a sense of nostalgia and reverence for Tagore's musical genius.



Figure 3 RENDERING RABINDRASANGEET THROUGH FLUTE

In a unique tribute to Tagore's universal appeal, the celebration also featured a Santali rendition of Rabindra Sangeet. The fusion of Santali musical traditions with Tagore's compositions served as a testament to the bard's ability to transcend cultural boundaries and resonate with diverse audiences.



Figure 4 SANTALI RENDITION IF RABINDRA NRITYA

The event was graced by esteemed dignitaries, including the Principal, Chief Guest, and members of the Governing Body. Their speeches paid homage to Tagore's multifaceted genius, emphasizing his contributions to literature, music, art, and education. They underscored the enduring relevance of Tagore's ideals in the contemporary world, urging the audience to draw inspiration from his philosophy of universal harmony and humanism.



Figure 5 OUR SACT TEACHER DELVERING SPEECH

Conclusion: The Rabindrajanti Celebration at [College/Community Name] was a fitting tribute to the literary and cultural legacy of Rabindranath Tagore. Through a vibrant tapestry of cultural performances, musical renditions, and insightful speeches, the event served to immortalize Tagore's timeless contributions to humanity.

As the curtains closed on the celebration, it left behind a lingering sense of reverence and inspiration, reminding one and all of the enduring relevance of Tagore's ideals in shaping a more enlightened and harmonious world. The Rabindrajanti Celebration served as a testament to Tagore's enduring influence and his eternal message of love, peace, and humanism.

# PARTICIPATION IN SCIENCE CONGRESS, YOUTH PARLIAMENT AND INTERDISTRICT COMPETITION

## Report on



### Participation of PRNS Maharidyalaya



 $5^{th}$  Regional Science and Technology Congress: 2022-23  $(6^{th}$  Region)

On 17 & 18 December, 2022

Organized Jointly by

Bankura University, Bankura

8

Department of Science & Technology and Biotechnology Government of West Bengal



### INTRODUCTION:

Department of Science & Technology and Biotechnology, Government of West Bengal was identified Bankura University as a venue for the 5<sup>th</sup> Regional Science& Technology Congress, 2022-23. This Congress aims to provide a platform for the revitalisation of the R & D activities in scientific research. This Congress is envisioned as a distinctive opportunity for the development and dissemination of new scientific ideas.



State Science Congresses play a crucial role in promoting scientific temper, fostering innovation, and disseminating scientific knowledge at the state level. Here are some key roles they typically fulfill:

- Platform for knowledge exchange: State Science Congresses provide a platform for scientists, researchers, academicians, students, and policymakers to exchange ideas, present research findings, and discuss emerging trends and challenges in various scientific disciplines.
- 2. Encouraging Scientific Research: These congresses often include sessions or

- symposia dedicated to showcasing ongoing research projects, encouraging collaboration among researchers, and providing opportunities for young scientists to present their work.
- 3. Promotion of STEM Education: State Science Congresses often feature exhibitions, workshops, and seminars aimed at promoting science, technology, engineering, and mathematics (STEM) education among students and the general public. This helps in nurturing a scientific mindset among the youth and fostering interest in STEM fields.
- 4. Addressing Social Challenges: These congresses may focus on addressing specific societal challenges or issues relevant to the state, such as environmental conservation, healthcare, agriculture, and technology innovation. By bringing together experts from diverse fields, they facilitate interdisciplinary discussions and propose innovative solutions to these challenges.
- 5. Policy Formulation: Policymakers and government officials often participate in the congress to engage in dialogue with scientists and researchers. This interaction facilitates the exchange of ideas, insights, and evidence-based recommendations, which can inform policy decisions and initiatives aimed at promoting scientific research and innovation in the state.
- 6. Inspiring Future Scientists: State Science Congresses often feature talks and interactive sessions by renowned scientists and innovators, aimed at inspiring and motivating young minds to pursue careers in science and research.
- 7. Fostering Collaboration: By bringing together experts from academia, industry, and government agencies, the State Science Congress facilitates collaboration and networking opportunities. This collaboration can lead to joint research projects, technology transfer initiatives, and partnerships aimed at addressing local and global challenges.
  - Overall, the West Bengal State Science Congress plays a crucial role in advancing scientific knowledge, fostering innovation, and contributing to the socio-economic development of the state. It serves as a catalyst for collaboration, learning, and progress in the field of science and technology within West Bengal and beyond.

PRMS Mahavidyalaya played an important role in this Science Congress. Both of teachers and students from various departments of Science stream also presented their research papers and scientific models.



### PRIZES

- (i) Cash prize for the presenter of the Outstanding Paper Rs. 5000 per paper
- (ii) Cash prize for the presenter of the Outstanding Model Rs. 5000 per model
- (iii) Memento for the Outstanding Presenters
- (iv) The First two Outstanding Papers of each discipline will get entry to participate at the State Science and Technology Congress
- (v) The First three candidates for the Scientific Model Competition will get entry toparticipate at the State level.

**FACULTY PARTICIPATION:** Following teachers participated in research paper presentation competition.

- Dr. Jaidul Islam, Assistant Professor, Department of Geography
- ii) Mr. Kartick Mondal, Assistant Professor, Department of Mathematics
- iii) Mr. Tapas Halder, Assistant Professor, Department of Mathematics
- iv) Ms. Subhra Kundu, SACT, Department of Mathematics
- v) Ms. Payel Mani, SACT, Department of Geo-informatics
- vi) Mr. Susanta Jana, Guest Faculty, Department of Forestry

**RESEARCH SCHOLAR PARTICIPATION:** Following Research Scholars also participated in research article presentation competition.

- i) Mr. Basudeb Pyne, Research Scholar, Department of Geography
- ii) Mr. Partha Pratim Sarkar, Research Scholar, Department of Geography

**AWARD:** Mr. Tapas Halder, Assistant professor, Department of Mathematics achieved the outstanding paper award and Mr. Partha Pratim Sarkar was nominated for the best paper award.



Mr. Tapas Halder Receiving award from Debnarayan Gangopadhyay, Hon'ble VC, Bankura University



**UG STUDENT PARTICIPATION:** Following students demonstrated their scientific model in scientific model competition.

### **Department of Mathematics and Computer Science**

Scientific Model Name	Students Name	Department	UID Number
Sequential growth of plants	Nibedita Saren	Mathematics	20143121004
70	Ahasanul Hoque	Mathematics	21143121001
Escalator in daily life	Joydeep Goswami	Computer Science	21143115010
	Joydeb Pal	Computer Science	20143115004
Automatic Street light	Lokesh Mahanti	Computer Science	21143115009
Hydraulic Bridge	Ahasanul Hoque	Mathematics	21143121001
16 VES	Nibedita Saren	Mathematics	20143121004

### Photocopy of the Models Presentation:





### Department of Forestry

Scientific Model Name	Students Name	Department	UID Number
Genetically modified	Soumyadeep Mahanto	Forestry	20143135004
shawl forest to protect	Somnath Sar	Forestry	2114315004
cyclonic storm	Partha Sarathi Bajkhan	Forestry	20143135001
	Soumitra Bera	Forestry	2214315001
	Abhisek Dutta	Forestry	22143135005
	Suman Dutta	Forestry	22143135006
Agroforestry- A	Suman Das	Forestry	21143135010
holistic approach for	Rimpa Sannigrahi	Forestry	20143135006
socio-economic development	Ruma Makur	Forestry	20143135002
development	Soma Dandapat	Forestry	21143135001
	Subrata Das	Forestry	21143135003

### Photocopy of the Models Presentation:



Model: Agroforestry- A holistic approach for socio-economic development



Model: Genetically modified shawl forest to protect cyclonic storm

### AWARD:

**First Prize winning Model:** The winning model, crafted by the students belonging to the department of forestry, PRMS Mahavidyalaya, ingeniously addressed on genetically modified shawl forest. Its innovative design and practical implementation impressed the judges, earning the team the coveted first prize.



**Third Prize winning Model:** Additionally, another model presented by the other group of students from the department of forestry secured the third prize. This model, focusing on Agroforestry, impressed the judges with its creativity and attention to detail, showcasing the students profound understanding of the subject matter.



### Recognition and Prizes:

In recognition of their outstanding performance, the students were awarded a cash prize of Rs. 5000 for each winning position, along with certificates of achievement. The prizes

served as a token of appreciation for their hard work, dedication, and innovative spirit.

### CONCLUSION:

The regional-level model competition organized by Bankura University provided a platform for students to exhibit their talent and creativity. The participation of Students and faculties from various departments of PRMS Mahavidyalaya and their remarkable success in securing positions in various fields of research glorifies the institution's commitment to nurturing academic excellence and innovations. The event not only highlighted the ingenuity of the participants but also served as an inspiration for aspiring students to pursue excellence in their respective fields of study. Such initiatives play a crucial role in fostering a culture of innovation and academic excellence, ultimately contributing to the overall development of the educational landscape.

All things considered, the West Bengal State Science Congress is essential to the advancement of science, the promotion of innovation, and the socioeconomic growth of the region. It acts as a spark for cooperation, education, and advancement in science and technology both inside and outside of West Bengal.

### Report on newspaper:

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সব জানান। এরপরই এত ৩ জানুয়ারি যুবতী ফালাকাটা থানায় অভিযুক্তের বিরুদ্ধে লিখিত অভিযাগ দায়ের করেন। ধৃতের কাছ থেকে পুলিশ ১টি বন্দুক উদ্ধার করেছে তার বৈধ লাইসেন্স আছে কিনা সে নিয়ে তদন্ত শুরু হয়েছে। শুক্রবার তাত্যুক্ত ধর্মেন্দ্র মিশ্রার বিরুদ্ধে আইপিসির ৩৭৬, ৫১১, ৩৫৪ ও ৩৪১ ধার্যায় মামলা রুজু করে ফালাকাটা থানার পুলিশ আদালতে পেশ করে।

### ব্রিক্তান কংগ্রেসে বাঁকুড়ার কলেজের সাফল্য

কার্তিক ঘোষ, বাঁকুড়া: ফের একবার নজির গড়ল বাঁকুড়ার জঙ্গলমহলের পণ্ডিত রঘুনাথ মুর্মু স্মৃতি মহাবিদ্যালয়। ৯-১০ জানুয়ারি পশ্চিমবঙ্গ সরকারের বিজ্ঞান, কারিগরি ও জৈবপ্রযুক্তি বিভাগ ও বাঁকুড়া বিশ্ববিদ্যালয়ের যৌথ উদ্যোগে পঞ্চম আঞ্চলিক বিজ্ঞান সম্মেলনে পণ্ডিত রঘুনাথ মুর্মু স্মৃতি মহাবিদ্যালয়ের অভিনব সাফল্য পায়। বিজ্ঞানের নানা শাখায় ছাত্রছাত্রী ও অধ্যাপকদের যোগ দেওয়া ও সাফল্য অর্জন বন্ধিজীবী মহলে আলাদা জায়গা করে নিয়েছে। ২দিনের কংগ্রেসের শেষে কলেজের মুকুটে জুটেছে ৪টি পুরস্কার। বিজ্ঞান বিষয়ক মডেল প্রতিযোগিতায় কলেজের গণিত, কম্পিউটার সায়েন্স ও ফরেস্ট্রি বিভাগ থেকে ২টি করে মোট ৬টি মডেলে অংশ নেয় মোট ১৬ জন ছাত্রছাত্রী। এই প্রতিযোগিতায় ২টি মডেল প্রথম ও চতর্থ পুরস্কার জয় করেছে। কলেজের এই জয়ে ছাত্রছাত্রীরা উচ্ছসিত। গণিত বিভাগের সহকারী অধ্যাপক তাপস হালদারের নিবন্ধটি আউট স্ট্যান্ডিং বিভাগের চতর্থ স্থানে ও ভগোল বিভাগের বিভাগীয় প্রধান ড. জাইদুল ইসলামের গবেষক ছাত্র পার্থপ্রতিম সরকারের নিবন্ধটি আউট স্ট্যান্ডিং বিভাগের প্রথম স্থানে নির্বাচিত হয়। বিজ্ঞানের নানা শাখায় সাফল্যের জন্য প্রত্যেককে শংসাপত্র, ট্রফি ও নগদ ৫-হাজার টাকা দেওয়া হয়েছে। কলেজের অধ্যক্ষ বলেন, 'কলেজের সামগ্রিক এই ফলে

সভাপতি দেবাস্কুর চ্যা বিধায়কের নেতৃঙ্কে ওই সমাইপুর গ্রামে মসজিদ পঞ্চায়েত প্রধান ও পধ নিয়ে আলোচনা হয়। ( ব্যক্তিদের সংবর্ধনা দেওঃ করা হয়। বিধায়ক-সহ ও স্থানীয় মানুষের সুবি

### ডিভিসির স

দীপেন ঢাং, মেজিয়া
আধিকারিক দের সং
আসোসিয়েশনকে স্বীকরেন সংগঠনের কর্মব
সাধারণ সম্পাদক নগে
ডিভিসি টাওয়ারে মেহ
সম্বলিত এক স্মারকলি
উন্নয়ন বিভাগের এক্সি
ও একাধিক উচ্চপদস্থ ব বলেন, 'ডিভিসিতে ওবি
না। সেকারণে সংগঠন গ
আ্যাসোসিয়েশনকে স্বীসরকারের নিয়মান্যায়ী

# DISTRICT LEVEL YOUTH PARLIAMENT COMPETITION, QUIZ EXTEMPORE, AND ESSAY COMPETITION (2022-23)









5.3.1 Number of awards/medals for outstanding performance in sports/cultural activities at university/state/national / international level (award for a team event should be counted as one) during the year.

Year	Name of the award/ medal	Team / Individua I	University /State/Na tional/ Internatio nal	Sports/ Cultural	Name of the student	UID
2022- 23	1ST POSITION	INDIVIDU AL	University	DISCUS THROW	NAITIK MAHATA	21141207001
	2ND POSITION	INDIVIDU AL	University	JAVELIN THROW	ANJAN DAS	22141201319
	1ST POSITION	INDIVIDU AL	STATE	200 METER RUN	IMAMUL HOSEN KHAN	1142201920
	1ST POSITION	INDIVIDU AL	STATE	400 METER RUN	IMAMUL HOSEN KHAN	1142201920
	2ND POSITION	INDIVIDU AL	STATE	DISCUS THROW	NAITIK MAHATA	21141207001
	2ND POSITION	INDIVIDU AL	STATE	JAVELIN THROW	SUBRATA MONDAL	20141203038
	3RD POSITION	INDIVIDU AL	STATE	100 METER RUN	ANIMA GARAI	22141207033



GOVERNMENT OF WEST BENGAL
Inter College District Sports it Games Championship, 2022-23
Under the auspices of Education Directorate
&
Patronage of Higher Education Department, Government of West Bengal Certificate of Honour (Athletics) Certified that 8ml / Sre Nattit Prodet Raghunath Murme Smile Mahawilyaloga College Bemkura District participated in the Inter College District Sports & Games Championship. 2022-23 held from 19th January 23 24th January 23 at the venue of Bankwa Christian College - Throwing the Dise (M) securing 1st / 2nd / 3rd position with a 24.56 Sort. 1 sine / height / distance Rome



# **BANKURA UNIVERSITY**

INTER-COLLEGIATE TOURNAMENT (2022-23) Organised by : Sports Board, Bankura University

### **CERTIFICATE OF HONOUR**

ATHLETICS

Certified that Sri / Smt. / Kumari

Naitik Mahata of P. R.M. S

College / Mahavidyalaya participated in the Inter-Collegiate Tournament (2022-23)

in the Event Discus Skrow held on 31st March, 2023

(Venue: Purandarpur High School Ground, Bankura) and he / she secured 1st / 2nd /

3rd position with a performance 24.25 Mtns. time / height / distance.

Professor Deb Narayan Bandyopadhyay

Vice-Chancellor Bankura University Dr. Kaushik Ghosh

Convener

Inter-Collegiate Tournament (2022-23). Bankura University

	GOVERNMENT OF WEST BENGAL ege District Sports & Games Championship	A PARTY OF THE PAR
	ege District Sports & Education Directoral Inder the auspices of Education Directoral & igher Education Department, Government	
	Certificate of Honour (Athletics)	
Certified that Sort 18	Subrata Manda	
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Mahavidyalaya of	Bannura 1: 2022	District participated
in the Inter College District i	Sports & Games Championship. 2022	motily A grad Raum
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Stan	Azkm	Parent
Chairman	Government Observer	Organizing Secretary

	GOVERNMENT OF WEST BENG. lege District Sports & Games Champions Under the auspices of Education Directo & ligher Education Department, Government	hip, 2022-23 rate
	Certificate of Honour	NEWS DEPT. CONTROL OF THE SECOND CONTROL OF
Mahavidyalaya of	i Imamuel Hasan  R. M. S. Nahavidgala  Boots & Games Championship, 2022  at the venue of Bonnewa Bista  not. Run (M2N) securing  time   height   distance.	District participated  -23 held from 19/15 Jane 23  24 Glage A' Good Barron
Chairman	Government Observer	Organizing Secretary

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# Pandit Raghunath Murmu Smriti Mahavidyalaya

### THE DEPARTMENT OF PHYSICAL EDUCATION

# A REPORT ON PANDIT RAGHUNATH MURMU SMIRITI MAHAVIDYALAYA ANNUAL SPORTS MEET 2022-2023

HELD ON 21.12.2022 - 22.12.2022

ATPANDIT RAGHUNATH MURMU SMIRITI MAHAVIDYALAYA PLAYGROUND

#### PROGRAMME DETAILS

Pandit Raghunath Murmu SmiritiMahavidyalaya annual sports meet was organised on 21.12.2022 and 22.12.2022 in our Mahavidyalaya ground. Aftar all of our students are present, we are felicitated our honourable principal sir. Along with that all the professors and all the staff of the Mahavidyalaya are facilitated by our students. Our honourable Principal sir hoisted the flag and lif the lamp through his valuable speech, auspiciously started the first day of sports. On the first day we had 1500 meter Run, 100 meter Run, 400 meter Run, Long jump ,shot put events. After the successful competition of all these events our honourable Principal sir declared the first day programme over at 4 pm.

Second day at 10 o'clock in the morning everyone came to the Mahavidyalaya grounds. The events of the second day started as per the order of the honourable Principal sir. 800 Meter Run, 200 Meter Run, Discus throw, Javelin throw, High jump, Relay race events were held on the second day. After all these events for the students are over. The events held for the professors faculty and staff of the college are also completed.

After the competition of all the events the first, second and third place winners in attendance were awarded and given a certificate and trophy each of them. At the end of events honourable Principal sir concluded the program with a valuable speech.

### PROGRAMME OBJECTIVE

- All students of the institution get the opportunity to participate in competitive sports.
   As a result, gain experience about the competition.
- Competitions provide an opportunity to identify talented players.
- Students get an opportunity to enjoy themselves by participating in sports. As a result, their mental fatigue due to studies is removed.
- Students participate in sports to inculcate in themselves the sense of discipline, discipline, brotherhood, unity and solidarity.
- 5. Through winning and losing in the competition, healthy spirit and sportsmanship are awakened in the students.
- 6. Students are informed about the rules and regulations of sports.
- 7. Students gain hands-on experience as well as knowledge of game management.

The list of students who stood first, second and third is given below:

### RUNNING EVENT'S

### 100 METER RUN

MEN	WOMEN
1st- Imamul Hosan Khan	1st- Anima Garai
2nd- Sourav Rajak	2 <sup>nd</sup> - Susmita Mahata
3 <sup>rd</sup> - Mahesh Lohar	3 <sup>rd</sup> - Sanchita Sing

### 200 METER RUN

MEN	WOMEN
1st- Imamul Hosen Khan	1st- Sumitra Mahata
2 <sup>nd</sup> - Sorav Rajak	2 <sup>nd</sup> - Susmita Mahata
3 <sup>rd</sup> - Joybangla Saren	3rd- Arpita Mahata

### 400 METER RUN

MEN	WOMEN
1st- Imamul Hosen Khan	1st- Sumitra Mahata
2 <sup>nd</sup> - Sourav Rajak	2 <sup>nd</sup> - Mamata Murmu
3rd- Akhir Kisku	3 <sup>rd</sup> - Sanaka Hembram

### 800 METER RUN

MEN	WOMEN
1st- Soumen Mandi	1st- Sikha Duley
2 <sup>nd</sup> - Durjodhan Tudu	2 <sup>nd</sup> - Menaka Mandi
3 <sup>rd</sup> - Sunirmal Aadhikari	3 <sup>rd</sup> - Jharna Mandi

### 1500 METER RUN

MEN	WOMEN
1¤- Durjodhan Tudu	1st- Sikha Duley
2 <sup>nd</sup> - Sanat Murmu	2 <sup>nd</sup> - Mamoni Tudu
3 <sup>rd</sup> - Krishnendu Mahata	3 <sup>rd</sup> - Sanaka Hembram

### THROWING EVENT'S

### SHOT PUT

MEN	WOMEN
1st- Sunirmal Aadhikari	1st- Susmita Mahata
2 <sup>nd</sup> - Amerulla Bhangi	2 <sup>nd</sup> - Menaka Mandi
3rd- Brindrabon Garai	3rd- Jhirihiri Soren

### DISCUS THROW

MEN	WOMEN
1st- Naitik Mahata	1st- Purnima Murmu
2 <sup>nd</sup> - Laxmikant Mahata	2 <sup>nd</sup> - Drapati Tudu
3 <sup>rd</sup> - Brindrabon Garai	3 <sup>rd</sup> - Menaka Mandi

### JAVELIN THROW

MEN	WOMEN
1st- Subrata Mondal	1st- Barnali Mahata
2 <sup>nd</sup> - Anjan Das	2 <sup>nd</sup> - Sanchita Sing
3rd- Sujoy Murmu	3rd- Purnima Malla

### JUMPING EVENT'S

### LONG JUMP

MEN	WOMEN
1st- Mahesh Lohar	1st- Anima Garai
2 <sup>nd</sup> - Dinesh Sing	2 <sup>nd</sup> - Burulukui Tudu
3 <sup>rd</sup> - Samir Dubey	3 <sup>rd</sup> - Mamoni Tudu

### HIGH JUMP

MEN	WOMEN
1st- Krishna Garai	1st- Piu Pal
2 <sup>nd</sup> - Rajesh Duley	2 <sup>nd</sup> - Radharani Murmu
3rd- Gopal Karmakar	3 <sup>rd</sup> - Burulukui Tudu

#### PROGRAMME OUTCOME

The Pandit Raghunath Murmu Smiriti Mahavidyalaya Annual Sports Meet was a resounding success, showcasing the incredible talent, dedication and sportsmanship of all the participants. The sports event helped the students in imbibing various interpersonal skills such as patience, communication, leadership, punctuality, accountability, teamwork and trust. Athletes got a perform for getting themselves into University and State level Sports events. The atmosphere was filled with cheers and applause as participants demonstrated sportsmanship and encouraged their teammates and competitors alike. It was a day filled with excitement and achievement, the memories of which will be etched in everyone's heart for years to come.

#### GLEAMS OF THE PROGRAMME :



Pandit Raghunath Murmu Smriti Mahavidyalaya Annual Sports 2022-2023



Pandit Raghunath Murmu Smriti Mahavidyalaya Annual Sports 2022-2023

SUBMITTED BY: THE DEPARTMENT OF PHYSICAL EDUCATION

SIGNATURE:

[ HEAD, THE DEPARTMENT OF PHYSICAL EDUCATION ]

COORDINATOR, IQAC PRMS MAHAVIDYALAYA PRINCIPAL PRMS MAHAVIDYALAYA

# Pandit Raghunath Murmu Smriti Mahavidyalaya

#### THE DEPARTMENT OF PHYSICAL EDUCATION

#### A REPORTON BANKURA UNIVERSITY INTER COLLEGE ATHLETIC MEET 2022 - 2023

#### HELD ON 31.03.2023

#### AT PURANDARPUR HIGH SCHOOL GROUND, BANKURA

#### PROGRAMME DETAILS

Inter College Athletic Meet 2022-2023, was organised by Bankura University sports board on 31st March 2023 at Purandarpur High school Ground, Bankura. This sports meet is held in between all the colleges under Bankura University. Our Pandit Raghunath Murmu Smiriti Mahavidyalaya students also participated in this sports meet.

Along with the team of Pandit Raghunath Murmu Smiriti Mahavidyalaya our teacher Mr. Mrinal Kanti Dandapat Department of Physical Education were present there.

#### PROGRAMME OBJECTIVE

- Student participation has the potential to spread the reputation of the institution beyond its own boundaries.
- 2. Participating in competition with players from different organizations develops social qualities.

- Participating in such sports increases students' ability to withstand competitive stress and inculcates the desire to achieve fame.
- Students are informed about the latest rules and regulations of the game by participating in such competitions.
- Sports infrastructure is improved in the organization and employees are made aware of the rules of intra-organizational competition.
- Due to this kind of inter-institutional competition, students and other officials of different institutes are bound to bond with each other, forgetting the hatred and enmity.

Athletes list of Pandit Raghunath Murmu SmiritiMahavidyalaya are given below:

MEN	WOMEN
Naitik Mahata	Anima Garai
Krishna Garai	Purnima Murmu
Sunirmal Aadhikari	Drapati Tudu
Brindrabon Garai	Piu Pal
Subrata Mondal	Susmita Mahata
Anjan Das	
Mahesh Lohar	

Those two students name and events name who got positions from our Pandit Raghunath Murmu Mahavidyalaya is given below:

SL. NO.	NAME	EVENTS	POSITION
1	Naitik Mahata	Discus Throw	1st
2	Anjan Das	Javelin Throw	2nd

#### PROGRAMME OUTCOME

The Inter College Athletic Meet 2022-2023was a resounding success, showcasing the incredible talent, dedication and sportsmanship of all the participants. The sports event helped the students in imbibing various interpersonal skills such as patience, communication, leadership, punctuality, accountability, teamwork and trust. Athletes got a perform for getting themselves into University and State level Sports events. Exciting races and closely contested matches kept the students on the edge of their seats throughout the day. The atmosphere was filled with cheers and applause as participants demonstrated sportsmanship and encouraged their teammates and competitors alike. It was a day filled with excitement and achievement, the memories of which will be etched in everyone's heart for years to come.

Special thanks to the volunteers, officials, and the organizing committee, without whom The Inter College Athletic Meet 2022-2023would not have been possible. Appreciation is also extended to the local community and sponsors for their support.

#### GLEAMS OF THE PROGRAMME:



Bankura University Inter College Sports Meet 2022-2023



Bankura University Inter College Sports Meet 2022-2023

SUBMITTED BY: THE DEPARTMENT OF PHYSICAL EDUCATION

SIGNATURE:

[ HEAD, THE DEPARTMENT OF PHYSICAL EDUCATION ]

COORDINATOR, IQAC PRMS MAHAVIDYALAYA PRINCIPAL PRMS MAHAVIDYALAYA

## Pandit Raghunath Murmu Smriti Mahavidyalaya

#### THE DEPARTMENT OF PHYSICAL EDUCATION

#### A REPORT ON INTER COLLEGE DISTRICT SPORTS AND GAMES CHAMPIONSHIP 2022-23

HELD ON19.01.2023 TO 21.01.2023 AND24.01.2023

AT BANKURA CHRISTIAN COLLEGE PLAYGROUND

#### PROGRAMME DETAILS

Inter College District Sports and Games Championship 2022-23, was organised by Bankura Christian College on 24th January 2023, at Bankura Christian College playground. All the colleges of Bankura district participated in this sports meet. A total of 16 students from our Pandit Raghunath Murmu Smiriti Mahavidyalaya participated in this sports meet. Our Pandit Raghunath Murmu SmiritiMahavidyalaya were runners in these sports meet from boy's category.

Along with the team of Pandit Raghunath Murmu Smiriti Mahavidyalaya our teacher Mr. Mrinal Kanti Dandapat, Department of Physical Education and our coach Mr. Bishnu Murmu were present there.

#### PROGRAMME OBJECTIVE

- Student participation has the potential to spread the reputation of the institution beyond its own boundaries.
- Participating in competition with players from different organizations develops social qualities.
- Participating in such sports increases students' ability to withstand competitive stress and inculcates the desire to achieve fame.
- Students are informed about the latest rules and regulations of the game by participating in such competitions.
- Sports infrastructure is improved in the organization and employees are made aware of the rules of intra-organizational competition.
- Due to this kind of inter-institutional competition, students and other officials of different institutes are bound to bond with each other, forgetting the hatred and enmity.

Athletes list of Pandit Raghunath Murmu SmiritiMahavidyalaya are given below:

MEN	WOMEN
Naitik Mahata	Anima Garai
Krishna Garai	Sikha Duley
Subrata Mondol	Susmita Mahata
Imamul Hosen Khan	Piu Pal
Saheb Lohar	Sumitra Mahata
Brindrabon Garai	Susmita Mahata
Sunirmal Aadhikari	Mamoni Tudu
Anjan Das	
Amerulla Bhangi	

Below are the names, events and positions of our P R M S MAHAVIDYALAYA who stood first second and third in this sports meet.

MEN			
SL. NO.	NAME	EVENTS	POSITION
1	1 Imamul Hosen Khan	200 Meter Run	1 <sup>st</sup>
		400 Meter Run	1st
2	Naitik Mahata	Discus Throw	2 <sup>nd</sup>

3	Subrata Mondal	Javelin Throw	2nd

	w	OMEN	
SL. NO.	NAME	EVENTS	POSITION
1	Anima Garai	100 Meter Run	3 <sup>rd</sup>

In these sports meet our PANDIT RAGHUNATH MURMU
SMIRITIMAHAVIDYALAYA will be the runners in boy's category on the basis of points.

Those who finished first and second in this sports meet were given the opportunity to participate in the Inter College state sports and games championship. Three students from our Pandit Raghunath Murmu Mahavidyalaya participated in this sports meet. This sports meet was held on 10th March 2023 and 11th March 2023 at the venue of sports authority of India(SAI), Kolkata.

Below is the list of three participants from our Pandit Raghunath Murmu Mahavidyalaya.

SL. NO.	NAME	EVENTS
1	Imamul Hosen Khan	200 Meter Run
		400 Meter Run
2	Naitik Mahata	Discus Throw
3	Subrata Mondal	Javelin Throw

#### PROGRAMME OUTCOME

The Inter-College District Sports and Games Championship was a resounding success, with impressive participation and competitive spirit. This event serves as a formal document highlighting the achievements and milestones of the Inter-College District Sports and Games Championship, underscoring the importance of Inter-Collegiate Sports in promoting health, teamwork, and leadership among students. Exciting races and closely contested matches kept the students on the edge of their seats throughout the day. The atmosphere was filled with cheers and applause as participants demonstrated sportsmanship and encouraged their teammates and competitors alike.

Special thanks to the volunteers, officials, and the organizing committee, without whom the event would not have been possible. Appreciation is also extended to the local community and sponsors for their support.

#### GLEAMS OF THE PROGRAMME:



Inter College District Sports and Games Championship 2022-23



Inter Collegiate Football Tournament (2022-23) Bankura University (Women)



PRMS Mahavidyalaya Student First Position(Imamul Hosen Khan)



PRMS Mahavidyalaya were the runners up from the boy's category



Inter College District Sports and Games Championship 2022-23

#### SIGNATURE

[ HEAD, THE DEPARTMENT OF PHYSICAL EDUCATION ]

COORDINATOR, IQAC PRMS MAHAVIDYALAYA PRINCIPAL
PRMS MAHAVIDYALAYA

## Survey on Youth not in regular Education- not in Employment

at

Baragari, Patgara & Krishnapur & Pirolgari During 24/03/2023 and 08/04/2023

On the second day of the special camp the students did survey in the adopted village of Baragari and Patgara. The Survey was on "Youth not in regular Education- not in Employment". The same was conducted again on 8<sup>th</sup> April, 2023 at Krishnapur & Pirolgari. Here are some glimpses.



















# Pandit Raghunath Murmu Smiriti Mahavidyalaya



A Report On

# TEACHERS' DAY, FRESHERS' WELCOME AND FAREWELL PROGRAMME

Held ON 21.04.22

At English Language Lab PRMS Mahavidyalaya Introduction: In light of the unprecedented challenges posed by the COVID-19 pandemic, the traditional celebration of Teachers' Day on September 5th, 2021, was postponed to April 21st, 2022. This year, the occasion was combined with the Freshers' Welcome and Farewell Programme, creating a memorable and inclusive event that brought together students, faculty, and staff in a spirit of unity and camaraderie.

Highlights of the Programme: The event commenced with a heartfelt tribute to the teaching fraternity, acknowledging their unwavering dedication, resilience, and commitment to education, especially during the challenging times of the pandemic. Students expressed their gratitude through speeches, poems, and musical performances, underscoring the profound impact teachers have had on their lives.

Following the Teachers' Day celebrations, attention turned towards welcoming the fresh faces joining the college community. The Freshers' Welcome segment featured a vibrant array of cultural activities, including drama, recitation, song, and dance, showcasing the diverse talents and creativity of the incoming students. Interactive sessions and ice-breaking activities helped foster a sense of belonging and camaraderie among the newcomers, easing their transition into college life.



Figure 1 OUR RESPECTED PRINCIPAL PRESENTING MEMENTO TO THE NEW COMER

As the evening progressed, the atmosphere turned bittersweet as the college bid farewell to outgoing students, who were embarking on a new chapter in their lives. The Farewell Programme was marked by emotional speeches, nostalgic reminiscences, and heartfelt performances, as students and faculty expressed their fond memories and best wishes for the future.



Figure 2 OUR BELOVED PROF TUSHAR KANTI CHAND PRESENTING MEMENTO TO THE OUTGOING STUDENT

Cultural Activities: The cultural activities featured in the programme were a testament to the vibrancy and dynamism of the college community. Drama performances showcased the students' acting prowess and storytelling abilities, while recitations provided a platform for poetic expression and literary talent. Musical performances, including songs and dance routines, added rhythm and melody to the proceedings, captivating the audience and eliciting applause.



Figure 3 STUDENTS PERFORING DRAMA

Conclusion: The Combined Teachers' Day, Freshers' Welcome, and Farewell Programme was a resounding success, encapsulating the essence of unity, gratitude, and celebration. Despite the challenges posed by the pandemic, the event served as a poignant reminder of the resilience and spirit of the college community. Through a harmonious blend of cultural activities and heartfelt tributes, the programme not only entertained but also inspired and uplifted all those in attendance.



Figure 4 THE FAMILY OF ENGLISH DEPARTMENT

As the curtains closed on the memorable evening, it left behind memories of laughter, tears, and camaraderie, forging bonds that would endure beyond the confines of the college walls. The event reaffirmed the importance of collective joy and shared experiences in fostering a sense of belonging and unity, and will be cherished as a cherished chapter in the annals of the college's history.

## THE DEPARTMENT OF FORESTRY













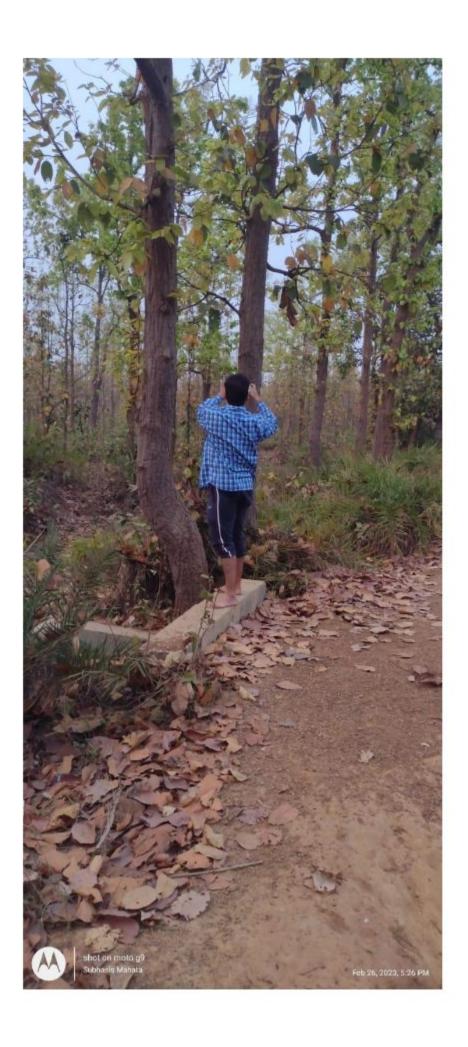




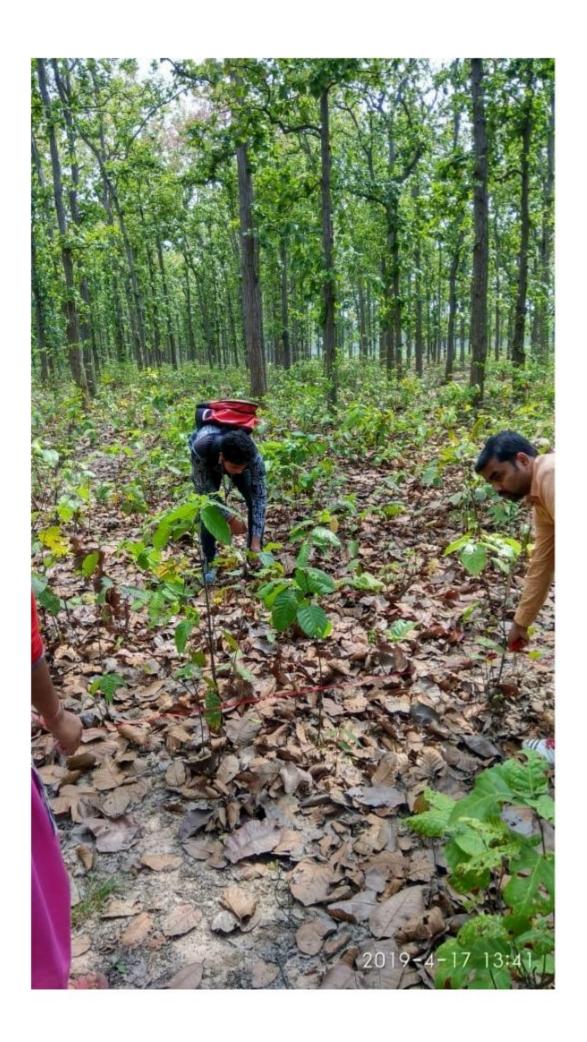










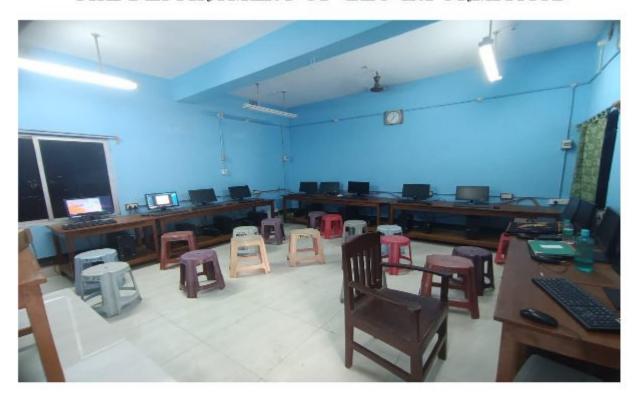








## THE DEPARTMENT OF GEO-INFORMATICS





# Women Protection & Safeguard Awareness organized by NSS & Women's Cell on 19/01/2023









# Pandit Raghunath Murmu Smiriti Mahavidyalaya



### A Report On

## FAREWELL TO NON-TEACHING STAFF AND PART-TIME TEACHER AT PRMS MAHAVIDYALAYA

Held On 04/05/2022

At
ENGLISH LANGUAGE LAB
PRMS Mahavidyalaya

Organized by PRMS Mahavidyalaya

Introduction: PRMS Mahavidyalaya organized a heartfelt farewell ceremony to bid adieu to three esteemed non-teaching staff members and a part-time teacher. Sahadeb Guli, Lab Assistant; Nagen Mahato, Office Bearer; Sadhan Kumar Pyne, Library Clerk; and Bablu Dutta, Part-Time Teacher in Political Science were honoured for their dedicated service and invaluable contributions to the institution.



Figure 1 HEAD CLERK RECOLLECTING THE PAST TIME

**Programme Details:** The ceremony commenced with the Principal Dr. Neelangshu Gosh inaugurating the event and expressing sincere appreciation for the years of service rendered by the departing staff members. The principal acknowledged their significant roles in maintaining the smooth functioning of the institution and wished them success in their future endeavors.



Figure 2 PRINCIPAL AND GE MEMBER GRACING THE DIAS

Senior teachers then took the stage to share their experiences and fond memories of working alongside Sahadeb Guli, Nagen Mahato, Sadhan Kumar Pyne, and Bablu Dutta. Their heartfelt anecdotes highlighted the camaraderie and teamwork that characterized the working environment at PRMS Mahavidyalaya.

Acknowledgment and Farewell: To honour the departing staff members and part-time teacher, each of them was greeted with a bouquet as a token of appreciation for their dedication and hard work. Memorabilia commemorating their time at PRMS Mahavidyalaya were also presented to them, symbolizing the lasting impact they have had on the institution.



Figure 3 OUR HONOURABLE GB MEMBER PRESENTING THE MEMORABILIA TO MR. BABLU DUTTA, SACT



Figure 4 PROF. KALPANA MITRA PRSENTING MEMORABILIA TO MR. SADHN KUMAR PYNE, LIBRARY CLERK



Figure 5 BHAGWAT GITA IS PRESENTED TO MR. SAHADEB GULI, NTS

Reflection and Farewell Messages: Sahadeb Guli, Nagen Mahato, Sadhan Kumar Pyne, and Bablu Dutta took the opportunity to share their reflections and experiences accumulated over the years spent at PRMS Mahavidyalaya. They expressed gratitude for the support and camaraderie extended to them during their tenure and conveyed their best wishes to the institution and its members.



Figure 6 MR. BABLU DUTTA, SACT RECOLLECTING HIS LONG ASSOCIATION WITH THE INSTITUTE

Their speeches were met with heartfelt applause and emotional farewells from colleagues, students, and staff members, underscoring the profound impact they had on the PRMS Mahavidyalaya community.

Conclusion: The farewell ceremony served as a poignant reminder of the invaluable contributions made by non-teaching staff members and part-time teachers to the holistic functioning of educational institutions. As Sahadeb Guli, Nagen Mahato, Sadhan Kumar Pyne, and Bablu Dutta bid farewell to PRMS Mahavidyalaya, they leave behind a legacy of dedication, hard work, and camaraderie that will be cherished and remembered by all.

The institution extends its heartfelt gratitude and best wishes to them for a fulfilling journey ahead, and they will always remain an integral part of the PRMS Mahavidyalaya family.

## Pandit Raghunath Murmu Smiriti Mahavidyalaya



A Report On

## ANNUAL CULTURAL PROGRAMME

Held BETWEEN
22.03.22 AND 23.03.22

AT PRMS MAHAVIDYALAYA Introduction: The Annual Cultural Programme at PRMS Mahavidyalaya, held on March 22nd and 23rd, 2022, showcased a vibrant blend of traditional and modern performances, celebrating the rich cultural heritage of the region. The event served as a platform for students to exhibit their talents, creativity, and cultural diversity.



Day 1 Highlights: The first day of the programme commenced with an inauguration ceremony, graced by esteemed guests, faculty members, and students. Following the inauguration, the cultural extravaganza unfolded with mesmerizing performances of Jhumur songs, a traditional folk music genre prevalent in the region. The rhythmic beats and soulful melodies captivated the audience, transporting them to the heart of rural Bengal.



As the evening progressed, the stage came alive with Santali local cultural programmes, showcasing the vibrant traditions and customs of the Santal community. Dazzling displays of traditional dance forms, colorful attire, and rhythmic music enthralled the spectators, offering a glimpse into the rich cultural tapestry of the region





Figure 1 LOCAL CULTURAL HUE



Figure 2 BEAT REDOLENT OF TRIBAL VIBE

Day 2 Highlights: The second day of the programme commenced with renewed energy and enthusiasm. Modern performances took center stage, with students showcasing their talents in various art forms including music, dance, drama, and poetry. From contemporary

dance routines to soulful musical renditions, the performances reflected the dynamism and creativity of the youth.



Figure 3 BODY BUILDING SHOW





One of the highlights of the day was a fusion performance, where traditional folk elements were seamlessly blended with modern music genres, creating a unique and captivating experience for the audience. The innovative approach demonstrated the evolving nature of culture, as it continues to adapt and thrive in a rapidly changing world.



Conclusion: The Annual Cultural Programme at PRMS Mahavidyalaya was a resounding success, bringing together students, faculty, and the local community in a celebration of cultural diversity and creativity. Through a harmonious blend of traditional and modern

performances, the event not only entertained but also inspired and enriched the participants, fostering a deeper appreciation for the cultural heritage of the region.

As the curtains closed on the two-day extravaganza, it left behind memories of laughter, applause, and camaraderie, serving as a reminder of the enduring power of culture to unite and uplift. The event served as a testament to the talent, passion, and dedication of the students and organizers involved, and will be remembered fondly for years to come.

#### CAMPUS CLEAN

Sponsored by: NSS Unit of Pandit Raghunath Murmu Smriti Mahavidyalaya

#### A Report of the

Campus Clean, 1st March, 2018

Bv

Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura West Bengal, India

#### **Details of the Program**

TITLE OF THE PROGRAMME: CAMPUS CLEAN

ORGANISED BY: Pandit Raghunath Murmu Smriti Mahavidyalaya

DATE OF PROGRAMME: 1st March,2018

NUMBER OF TEACHER PARTICIPANTS: 3

NUMBER OF NTS PARTICIPANTS: 4

NUMBER OF ACTIVE TEACHER AND STUDENT PARTICIPANTS: 3 and 38

TOTAL NUMBER OF STUDENT PARTICIPANTS: 38

VENUE: Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura

West Bengal, India

TIME: 08.00 AM to 11.00 AM

#### REPORT

Day by day cutting down of trees has been increasing in the name of urbanisation for constructing flyovers roads, buildings etc. Which is reducing the purity of air. If this continues, there would be a heavy loss to us and the earth. People need to know the importance of preservation of forest and increase the trees on earth. Trees are useful for controlling the climate by managing the effects of sun, rain and wind. This tree planting festival is observed annually, over a period of week starting from 14<sup>th</sup> July to 20<sup>th</sup> July. "Aranya Saptaha" was started in 1950 by K.M. Munshi, the then Union Minster for Agriculture and Food to create enthusiasm among masses for forest conservation and planting trees.

#### **OBJECTIVES:**

Aranya Saptaha is observed annually during planting, season. Awareness in this connection is important and efforts required creating in mass. The plantation program was conducted with the aim to make the greenery environment in the campus and to provide the fresh air and also to reduce the impact of the pollution, also for the reduction of the land cuttings and soil erosion.

Medicinal plants have long been utilized in traditional medicine and worldwide ethnomedicine. Medicinal plants are the major sources of numerous valuable chemicals and/or drugs. Medicinal plants have been the basis of treatment of various diseases as well as other forms of treatment. Many people now take medicinal plant products on a daily basis, to maintain good health as much as to treat illness.

#### OUTCOMES:

Aranya Saptaha at Pandit Raghunath Murmu Smriti Mahavidyalaya was a resounding success, marking a significant step towards promoting social responsibility and healthcare awareness among the students and staff. The event's positive impact on the community and the potential lives it will save exemplify the profound impact of collective humanitarian efforts. As the college looks forward, it remains committed to integrating such initiatives into its core values, contributing to the larger fabric of social welfare and compassion.

In conclusion, the Aranya Saptaha stands as a testament to the college's dedication to creating responsible and compassionate citizens, ready to make a meaningful difference in the world.

#### PHOTO GALLERY



#### **CAMPUS CLEAN**

## Sponsored by: NSS Unit of Pandit Raghunath Murmu Smriti Mahavidyalaya

A Report of the

Campus Clean, 1st March, 2018

Ву

Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura West Bengal, India



#### **Details of the Program**

TITLE OF THE PROGRAMME: Campus Clean

ORGANISED BY: Pandit Raghunath Murmu Smriti Mahavidyalaya

DATE OF PROGRAMME: 1st March, 2018

NUMBER OF TEACHER PARTICIPANTS: 3

NUMBER OF NTS PARTICIPANTS: 4

NUMBER OF ACTIVE TEACHER AND STUDENT PARTICIPANTS: 3 and 38

TOTAL NUMBER OF STUDENT PARTICIPANTS: 38

VENUE: Pandit Raghunath Murmu Smriti Mahavidyalaya, University of Bankura

West Bengal, India

TIME: 08.00 AM to 11.00 AM

#### REPORT

Pandit Raghunath Murmu Smriti Mahavidyalaya has organized a Clean Campus campaign on 1st March 2018 to educate and to promote civic sense among students community. Extracurricular club students went to all the classes and briefed about the importance of cleanliness of the campus. Students were advised not to throw paper plates, water bottle, paper cups, tissues, and many unwanted things on campus Lawns, Library, cafeteria, umbrella canteen, garden, sitting Area, corridors, class rooms, pathway and other open areas which is very unhygienic to all of us. They were also informed to make the college campus & class rooms a beautiful place for one and it makes individuals healthier when the environment around them is healthy. The TIC of PRMS Mahavidyalaya Dr. Kuntal Kanti Chattoraj took the salute for NSS volunteer and provide a lecture about cleanness, and its benefits.

#### **OBJECTIVES:**

Clean Campus promotes Hygiene, it improves hygiene level in campus and also helps to reduce the spread of sickness, maintaining a clean college environment sets a good example to students. Cleanliness encourages learners to take pride in their college, which makes them less likely to drop litter and as such they will potentially make a bigger effort to maintain their environment. Cleanliness gives rise to a good character by keeping body, mind, and soul clean and peaceful. Maintaining cleanliness is the essential part of healthy living because it is the cleanliness only which helps to improve our personality by keeping clean externally and internally.

#### **OUTCOMES:**

More than 38 students and volunteers engaged themselves in various activities including cleaning the surroundings of administrative building, college ground, department buildings and library also. Apart from these, students were involved in removal of mesquite trees from the University campus and planting saplings in both academic and residential campuses. Awareness programmes and competitions were also conducted for students to bring about visible changes in the surroundings and to efficiently deal with waste disposal.

#### PHOTO GALLERY





## Report On

## "Environmental Day"

AT

College Campus and Surrounding
On
5<sup>th</sup> June- 2023



Organized by

**Department of Forestry** 

## PANDIT RAGHUNATH MURMU SMRITI MAHAYIDYALAYA

Introduction: Continuing with its tradition of preserving the environment and having ecofriendly activities, the "Tree Plantation Event" was conducted on the campus of PRMS Mahavidyalaya to celebrate Environmental Day on June 5, 2023.



Understanding the importance of nature for our existence and conserving nature in all its forms is our moral responsibility. It's not too hard to believe that without trees, we humans would not exist on this beautiful planet. Also, we have felt a change in purity in nature and a reduction in pollution effects during this pandemic situation.

While the latest technology has provided us

with many benefits, the consequent urbanisation and industrialization also have some undesirable side effects; global warming is one of those. This event is a positive step towards achieving a healthy environment, reconnecting humans to nature, and fostering environmental stewardship.

Program Details: The event began with welcoming the principal and forest range officer, Mr. BhajanKirtan, and all faculties, staff, and students' participants at: More than 50 students, faculty, and staff members have participated in the event.

Dr. SubhasisMahato delivered a speech by wishing "Tree Plantation" as well as "Environmental Day." He shared the importance of nature and how we can



protect it for the betterment of the future. The outlook towards nature must be changed from utility to ivinity. Trees are the most important part of natural resources. It is our moral responsibility to conserve it with the highest priority. Principal Dr. Nilangshu Ghosh added, We should not only save the trees but should put our equal efforts into planting and nurturing the trees at least for the next 4–5 years." He also explained the importance of such an event in developing a good virtue in one's life. After that, all of us collect all non-degradable products

from the campus and cline.

SL.No	Name of Plant	Number of Plant
1.	Artocarpus heterophyllus (khatal)	5
2.	Azadirachta indica (Neem)	10
3.	Dalbergia sissoo (Sissoo)	5
4.	Emblica officinalis (Amla)	5
5.	Mangifera indica (Amm)	10
6.	Psidium guajava (Payara)	5
7.	Syzygium cumini (Jam)	10

All the participants have planted more than 50 saplings around the campus. At the plantation of saplings, all have recited a shloka to maintain the divinity between humans and nature.



The event ended with a rally march of students, led by Principal Dr. NilangshuGhosh, Mr. Susanta Jana, Dr. SubhasisMahato, Dr. Biplob Mondal (NSS Coordinator), other college faculty, and State Forest Department members, along with slogans and awareness placards. We marched starting from the college campus, and then Boragari Village up to Pirorgari was attracted by our procession.









## Report On

## "International Day of Forest" or "World Forestry Day"

AT

Neturpur Primary School
On
21st March-2023



Organized by

## **Department of Forestry**

## PANDIT RAGHUNATH MURMU SMRITI MAHAYIDYALAYA

Saranga, Bankura, West Bengal

#### Introduction

The history of the International Day of Forests can be traced back to 1971 when the Food and Agriculture Organization of the United Nations (FAO) established World Forestry Day. The day was established to create and raise awareness of the importance of forests for people and the planet. The International Forest Day was established on the 21<sup>st</sup> day of March, by the resolution of the United Nations General Assembly on November 28, 2013 each year various events celebrate and raise awareness of the importance of all types of forest and trees outside the forest, for the benefit of current and future generation. In 2023, theme is "Forests and Health." Forests give us so much to our health. They purify the water, clean the air, capture carbon to fight climate change, provide food and life-saving medicines, and improve our well-being. It's up to us to safeguard these precious natural resources.



List of Events, Venue, Time, Participation

Event Name	Venue	Time	Participation	
			And Presented by	
Awareness Rally	Neturpur Village	10:30 AM	Faculty members     Student of Neturpur primary school     Student of department of Forestry	

Presentation on Forest and Wildlife	12:00 PM	Soumyadeep Mahanto
Presentation on Human Elephant Conflict	12:30 PM	Abhiram Patra
	1:00 PM	Suman Das ( Rimpa Sannigrahi
Presentation on Forest Fire  Quiz Competition	2:00 PM	Student of Neturpur Primary School Arpita Nayak RumaMakur Rimpa Sannigrahi Soumyadeep Mahanto.
Cultural program	2:45 PM	Riya SPM

## **Event Summary**

On March 21, 2023, Department of Forestry (P.R.M.S. Mahavidyalaya) has organized a one-day event awareness camp on the occasion of World Forest Day at Neturpur Primary School, which focused on conservation, management and utilization of forest and trees. The event was open for public and approximately 120 people including villagers were in attendance. During these event participants, students, faculty members shared opinion, thoughts and suggestion on protecting trees, wildlife and Natural resources.

The program was graced by Dr. Subhasis Mahato (HOD- Department of Forestry), Mr Sadhan Kumar Mondol (Head Teacher- Neturpur Primary School) and Amullay Rattan Panda (JFM-Mamber).

The event had begun with a morning rally march of students, lead by Dr, Subhasis Mahato, Ratan Panda (Villager) and other faculty members along with slogan and awareness placards. We marched around the whole village and villagers were attracted by our procession.





After returning from the rally, we involved in a little photo session then the Dr. Mahato, and Mr Sadhan Kumar Mondol intern briefed about the significance of World Forestry Day highlighting the need of an hour to conserve the green belt.

In the class room audiovisual presentation period starts by the Departmental Students shared their thoughts and knowledge with kids and villagers about the harmful effects of forest fire, collision of human and elephant with a elementary introduction of forest and wildlife participation and good interaction of kids really energized us.

#### Acknowledgement:

We extend our gratitude to Mr Sadhan Kumar Mondol Head Teacher- Neturpur Primary School providing invaluable guidance throughout the programme. Special thanks to Amullay Rattan Panda (JFM-Mamber) and others teaching and nonteaching staff for their enthusiastic participation. We also appreciate the support of local communities and authorities in facilitating our fieldwork activities.

We also sincerely thank Dr. Neelangshu Ghosh, the principal of P.R.M.S. Mahavidyalaya, and Anish Chakraborty, the bursar, for their financial assistance and for motivating the students to participate in this kind of fieldwork.







After the presentation quiz competition started. All class students were participating spontaneously. They attend almost every question and answer them correctly after the session ends we distribute chocolate, pen, and prize to the kids.



The program was attended by all the students, faculty members and Villagers. Mr. Amullay Rattan Panda extended the vote of thanks.

#### Feedback & Achievement

## সারেঙ্গায় বিশ্ব বন দিবস পালনে ক্ষুদে পড়ুয়ারা

নিজৰ সংবাদদাতা, ৰাতড়া, পভিত রঘুনাথ মুর্ম্ম হাবিদ্যালয়ের ডিপার্টমেন্ট অফ ফরেস্ট্রির উল্যোগে সারেন্সা রকের নেতরপুর প্রাথমিক বিদ্যালয়ের সহযোগিতায় বিশ্ব বন দিবস উপলক্ষে বিশেষ অনুষ্ঠান অনুষ্ঠিত হলো ২১ মার্চ মঙ্গলবার। दम वीष्ठाल - जीदम वीष्ठाल - वमश्राण दीष्ठाल - পৃথিবী বাঁচাও এই শ্ৰোগানে ও প্ৰাকার হাতে ছাত্ৰ-ছাত্ৰীৱা সাৱা গ্ৰাম ঘৱে মিছিল कडाला, পরে বিদ্যালয়ে ফিরে এসে বন সংরক্ষণ ও বন বাঁচাও এবং জঙ্গলে আঙন না লাগানো বিষয়ে প্রতিযোগিতামূলক অনুষ্ঠান অনুষ্ঠিত হলো সারেঙ্গা ব্রকের নেতৃরপুর প্রাথমিক বিদ্যালয়ে, যার মূল উদ্যোক্তা হলেন পভিত রম্বাথ মুর্ম্ কলেজের অধ্যক্ষ নীলাংত ঘোষ। সমস্ত অনুষ্ঠানটি পরিচালনা করলেন এই ডিপার্টমেন্টের বিভাগীয় প্রধান ভট্টর তভাশিষ মাহাতো। এই বিভাগের সমস্ত ছাত্র-ছাত্রীরা এদিনের সচেতনতার মিছিলে ও সচেতনতামূলক শিবিরে অংশগ্রহণ করেছে। ছাত্র-ছাত্রীরা হলেন সৌম্যদীপ মাহন্ত, রিয়া সিনহা মহাপাত্র, কমা মাকুর, পার্থসারথি বাসখান সহ অন্যান্যরা ।প্রক্লেটর এর মাধ্যমে ছাত্র-ছাত্রীদের একটি সিনেমা শো দেখানো হয় যেখানে বন ও বন্যপ্রাণ



বাঁচাও নিয়ে ছবিটি তৈরি করা হয়েছে।
জঙ্গলে আগুন লাগানো নিয়ে বিশেষ
সচেতনতার ছবি। খুশি, ছাত্র-ছাত্রীরা।
বিদ্যালয়ের ছাত্রী শিল্পা পাহাড়ি, বৃষ্টি লোহার,
অন্ধূশ পাহাড়িরা বলে এই ধরনের অনুষ্ঠান
আমাদের জীবনে এই প্রথম যা আমাদের
ঝুব ভালো লাগলো। আগামীদিনে আমাদের
এই সচেততামূলক অনুষ্ঠানটি সারাজীবন
মনে থাকরে। বিভাগীয় প্রধান ভক্তীর তভাশিষ
মাহাতো বলেন জঙ্গল না বাঁচলে আমারা
বাঁচবো না তাই আমাদের ফরেন্ট্রি বিভাগের
উদ্যোগে আঞ্জ বিদ্যালয়ের শিতদের নিয়ে

এই ধরনের একটি অনুষ্ঠান করলাম।
শিক্তনের মধ্যে এ বিষয়ে আগ্রহ দেখে অত্যন্ত
খুশি। আগামী দিনে এই বিভাগের যেকোনো
সচেতনতামূলক অনুষ্ঠান আমরা এই
বিদ্যালয়ে করতে চাই। বিদ্যালয়ের প্রধান
শিক্ষক সাধন কুমার মন্ডল সহ অন্যান্য
শিক্ষক শিক্ষিকা এবং অভিভাবকদের
উপস্থিতি ও সহযোগিতা আমাদের আগ্রহ
অনেকটা বাড়িয়ে দিয়েছে। বিদ্যালয়ের ছাত্রছাত্রীদের শৃক্ষলা দেখে আমরা অভিতৃত।
আজকের অনুষ্ঠানে সাথে হিশেন বন সরক্ষেশ
কমিটির সদস্য অমুল্য রতন পভা।

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ভ

ত্বত(২)(এন), তথ্য, ১২০বি ও ৫০ত ধারায় মামলা রুজু করে মঞ্চলবার ক্ষেত্রীপ মহকুমা আদালতে পারিনে হলে বিনেবক পুলিন হেকাজতের আনেল ক্ষে । ক্ষানিকে দুলিন হেকাজতের আনেল ক্ষে । ক্ষানিকে, নিমাতিতার আছে শালিক ক্ষানিকে। ক্ষানা ক্ষে তালা ক্ষে তালা ক্ষেত্রতা ক্ষানা ক্ষে তালা ক্ষেত্রতা ক্ষানা ক্ষানিক কাজের টোপ দিয়ে পত ক্ষেত্রতারি মাসে গোলাহাট থানার কেলুনি আনের বাসিন্দা রাকিব পাণবাপ্রতিমা রামণন্দার এক হোটেলে নিমে গিয়ে তালা ইন্দার বিরুদ্ধে একামিকবার স্বাপন্দার ক্ষান্ত ক্ষান্ত ক্ষানিক বাবিককে। ক্ষানিক বাবিককে। ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক ক্ষানিক অভিযোগ জানান। সেই অভিযোগের ভিত্তিতে পুলিশ তবর ব্যক্ত ক্ষানিক ক্ষানিক।

#### ঢোলাহাটে আত্মঘাতী বধু

নিজৰ সংবাদলাতা, চোলাছটি: সোমশার বিকেলে চোলাছটি খানার নেতাজি রামপথ্যাথেতের নিবনখরের পশ্চিম পাড়ায় খরের মধ্যে প্রথার কাপড়ের বাঁলা ছড়িয়ে কুলন্ত অবছায় এক বসুর দেহ পাওয়া বায় সুমিন্না মঞ্জা(৩১) নামের ৩ই গরুকে খলামখুরা প্রাথমিক বাছা কেন্দের নিয়ে গেলে আবারা উচ্চে মুক্ত বলে খোরখা করেন। ঢোলাহটি খানার পুলিশ কই দেহ মকলবার মধানাত্রসক্তর জন্য কাকছীপ হালপাতাল মর্গে পাঠায়। পারিবারিক অপান্তির কেন্তের নই আবারাজী বলে বাথমিক ভাবের পুলিশের অনুযান।

#### সারেঙ্গায় বিশ্ব বন দিবস উদযাপন

নিজ্ঞস্ব সংবাদদাতা, সারেজা : পশ্চিত রখুনাথ যুর্যু মহাবিদ্যালায়ের ডিপার্টমেন্ট কাফ ফরোজির উল্যোগে বিশ্ব বন নিবাদ উপলক্ষে সারেজা রকের নেতুরপুর প্রাথমিক বিদ্যালয়ে প্রভাগনেকী ও প্রতিযোগিতাপুলক অনুষ্ঠান হয়। উল্যোজ্য ছিলোন কলেকের প্রথাক নিলান্ডে যোগ। অনুষ্ঠানটি পরিচালনা করেন এই ডিপার্টিয়েটের এইচথাড়ি বংজাশিল মাহারেডা। বন রক্ষার প্রয়োজনীয়ন্তা নিয়ে জার্ডার্ডাটিনের সভেক্তনতামূলক বার্তা কেন। অরপ্রেয়া সজে মানন সভাগায় অপ্রিক যে জাত্রিত সেই বিব্যা পরিসংখ্যান ভূলেন বরে নেতুরপুর প্রথমিক ভূলের প্রধান শিক্তন শিক্ষারের পুরাজারশ্রান্ত সাধনতক্ষ মন্তল বিভাগনিত্যিক আলোচনা করেন।

#### কংক্রিটে ধাক্কা খেয়ে ডুবল ভটভটি

নিজৰ সংবাদদাতা, নামখানা : মছলগার সকালে দক্ষিণ ২৪ শরণনার নামখানা রকের মৌসুনি রামপ্যাধেরেরের বায়তান্তা একাকার নদীবাঁব তৈরির কলর আনোরারা নামে একাট ভটিভটি সাক্ষদীন কেকে ইট ভরতি সক্র আসছিল। তই ভটভটিতে মাঝি-সহ রজন ছিল। আচমকা বটকলা নদীতে বাকা কংকিন্দির রকে বাজা পেয়ে অটভটিব লাটাভন কেটে থিয়ে ভেতরে বাকা কংকিন্দির রকে বাজা বাবে অটভটিব লাটাভন কেটে থিয়ে ভেতরে হ ছ ফারে কল ভূজতে শুক্ত করে। বিশ্বদ দুঝে আরোহীয়া চিক্তার তুর্ভে নিজে কালকাছি খাকা নৌকার মাঝিরা এসে ভালের ভূজে দেয়া। এরশার ওই ভটভটি জুবে যায়। তবে ভা ভোলার পাশাপাশি ইটক উল্লার করার চেই। নিমে সামাজিক। ব বিধানসভাব ও মেবিবান, তেওা মানে 'নিনির সু বান । সামাজিকা সাজের সে মাজিক জনসংবাদা পাও কাতে পুলিশ । বাজাতিবিক্তম সভে পুলিশ কোখা থা ভাষার সামাজেন। প্রকাশ বলারে। ব 'নাদিব বুক' স মাজিকার সে গার্

#### বাঁ

মঞ্জয় সরকার,
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#### ঘটিক

ভিত্ত মাহাকে।
মাজির প্রচান করে
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কোনান্য মাজি
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কানান্য, 'পূর্ব।

## র্মর অ্যাস্থলে<del>স</del>, দলেই বিরোধিতা



খারাপ সেসময় এই টকা পেলে কাজে লাগত। অন্যদিকে এনিয়ে বিজেপি ন লগতপার সাংশঠনিক কেলোর সাধারণ লগতাক বিকাশ নকার জানান, বিবাহক ভক্ষিকোর কোটি কোটি টাকা গ্রাম ক্যোগে গলসাধারণে কার্মে। সেই টকায়

HI







शहरों का तापमान

रानीगंज : अधिकतम 30.0८

## सिटी बाइट्स



विश्व वन दिवस बंकुडा. पंडित रघुनाय मुर्मू महाविद्यालय की पहल व नेतूरपुर प्राथमिक विद्यालय के बच्चों को साथ लेकर विद्यालय के प्राचार्य नीलाशु घोष की अगुवाई में निकली रैली में प्रोफेसर शुभाशीष महतो, नेतुरपुर प्राथमिक विद्यालय के प्रधानाध्यापक साधन मंडल मौजूद रहे.

पशि

मार्ग

# EDUCATIONAL EXCURSIONS AND DEPARTMENTAL TOURS

## REPORT ON

Annual Educational Excursion at

## **BOKKHALI AND SURRUNDINGS AREAS** WEST BENGAL, INDIA

7th to 11th July, 2018

## ORGANIZED BY **Department of Geography**

Pandit Raghunath Murmu Smriti Mahavidyalaya

HOD, Dept. of Greatsophy

#### PROGRAMME DETAILS

Department of Geography, PRMS Mahavidyalaya organized 5 Days Educational Field Visit at Bokkhali and Surroundings areas of West Bengal. India between 7th to 11th July 2018 under the supervision of Mr. Samiran Dutta, Guest Faculty of the Department.

#### Details Schedule of the event:

O4/04/2018	Journey Towards Bokkhali From PRMSM Via Durgapur
05/04/2018	Ripple mark analysis on Bokkhali Beach and Mud Ball Collection
06/04/2018	Questionnaires survey and Sedimentological analysis in Henry Island
07/04/2018	Visit to Sagar Island
08/04/2018	Journey towards College from Bokkhali

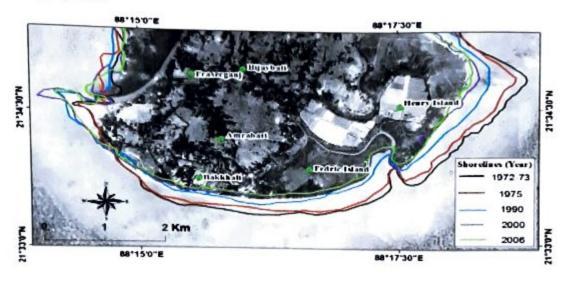
#### Delineation of the Study Area

The Sundarban delta complex has a genetic link to the Bengal Basin, geographically it extends over eastern India & Bangladesh. It is characterized by the prolific growth of rich and diversified mangrove vegetation and forms an integral down drift coastal part of the Bengal delta complex that overlies huge thickness of tertiary marine sediments of the actively subsiding Bengal basin.

The Sundarban delta complex and its surroundings have a dynamic physiographic and geomorphologically evolutionary history. The region being a part of the Bengal basin, represents multi-generation deltas that have prograde in phases during the positive inter-glacial eustatic sea level changes that occurred during the paleo Pleistocene time towards the Bay of Bengal leaving behind distinctive multi-level delta surface, terrace paleochannels and paleo shorelines and migrating the successive shoreline towards southern sea.

The Sundarbans represent the mangrove vegetated recent Holocene down drift coastal part of the Bengal delta complex. The Ganges and Brahmaputra River systems mainly drain the area that includes estuaries, a few hundred delta lobes, and islands of the latest generation with a network of rivulets and tidal creeks or inlets. Towards the north, the deltas together to form a relatively flat terrain with narrow, scanty, and meandering tidal channels. Extensively thick blanket of floodplain deposits, low ridges of natural levees, abandoned channel forces, small pockets of swampy and marshy areas, and channel bars characterized a part that constitutes a lower estuarine zone. In the southern part that

constitutes a coastal zone the delta lobes fan out and are separated from each other by the wide Drainage system.



#### Programme Objective

The objective of the excursion to Bokkhali (Sundarban) organized by our college is to provide a holistic learning experience enriched with cultural immersion, academic enrichment, and personal growth opportunities. Through this excursion, students will have the chance to explore the rich cultural heritage and natural beauty of Bokkhali, gaining a deeper understanding of its beach profile, wave patterns, and environment. Additionally, the program aims to facilitate experiential learning outside the classroom, fostering a spirit of curiosity, exploration, and discovery among participants. By engaging in educational activities, cultural exchanges, and community interactions, students will not only broaden their horizons but also develop valuable life skills such as teamwork, adaptability, and intercultural competence, ultimately contributing to their overall academic and personal development.



During Ripple Mark Identification.Bokkhali.West Bengal



During Household Survey. Freserjang. West Bengal



Mud Ball Expedition, Henry Island, West Bengal

The excursion program to Bokkhali is designed to yield several outcomes, including providing students with a deeper understanding and appreciation of the cultural and natural heritage of the region, fostering personal growth and development through immersive experiences and interactions, enhancing students' academic knowledge through hands-on learning opportunities in various subjects such as history. geography, and environmental science, sedimentological analysis, promoting social cohesion and camaraderie among participants through shared experiences and teamwork, and equipping students with practical skills such as problem-solving, communication, and cultural sensitivity that are essential for their future academic and professional endeavors. Through these outcomes, the excursion program aims to enrich students' overall college experience and contribute to their holistic development as informed. engaged, and culturally competent individuals.



Sedimentological Analysis And Dip Direction Measurement, Bokkhali, West Bengal

In conclusion, the excursion program to Bokkhali has been a transformative journey for all participants. providing invaluable opportunities for Geomorphological and cultural immersion, academic enrichment, and personal growth. As we reflect on our experiences exploring the rich tapestry of Sundarbans' heritage, landscapes, and communities, we are reminded of the profound impact that experiential learning can have on shaping our perspectives and broadening our horizons. Through meaningful interactions with local communities, hands-on learning experiences, and shared moments of discovery, we have not only deepened our understanding of the world around us but also forged lasting bonds of friendship and camaraderie. As we return to our college campuses, we carry with us not only cherished memories but also valuable lessons and insights that will continue to inspire and guide us on our journey of lifelong learning and personal development.

# Pandit Raghunath Murmu Smiriti Mahavidyalaya



# The Department of English

A Report On

Exploring Literary Landscapes: An Educational Excursion to Digha

Held On: 23/12/2022

**Introduction**: The Department of English organized an educational excursion to Digha, a coastal town in West Bengal, for students hailing from underdeveloped and forest areas. This report encapsulates the objectives, experiences, and outcomes of this enriching journey.



Figure 1 Embarking on a journey of discovery and adventure

#### Objectives:

- To expose students to diverse literary and cultural landscapes beyond their immediate surroundings.
- To foster an appreciation for nature and literature through experiential learning.
- To provide a platform for students to engage with their peers and educators in a conducive learning environment.
- To bridge the gap between theoretical knowledge and real-world experiences,
   enhancing overall academic growth.

#### Itinerary:

- Departure from college campus to Digha, accompanied by faculty members.
- Visit to the Old Digha Beach: Exploring the serene coastline, reflecting on the literary significance of the sea in various works of literature.
- Literary Discussions: Engaging sessions led by faculty members, focusing on texts related to coastal life, environmental conservation, and cultural heritage.
- Visit to Amarabati Park: Appreciating the natural beauty and biodiversity, drawing parallels with literary descriptions of landscapes.
- Interactive Workshops: Creative writing sessions, poetry readings, and storytelling, encouraging students to express themselves through language and imagery.
- Reflection and Sharing: Group discussions and presentations allow students to articulate their thoughts and insights from the excursion.

#### Experiences and Insights:

**Immersion in Nature**: For many students, this trip marked their first encounter with the sea and lush greenery, evoking a sense of wonder and appreciation.

**Cultural Exchange**: Interactions with locals and exposure to the rich Bengali culture broadened students' perspectives and deepened their understanding of regional literature.

**Academic Enrichment**: Engaging with literary texts in their natural settings sparked intellectual curiosity and inspired critical thinking among students.

**Personal Growth**: The excursion provided a platform for students to overcome inhibitions, build confidence, and develop interpersonal skills through collaborative activities.

#### Outcomes:

**Enhanced Academic Performance**: The experiential learning approach complemented classroom instruction, leading to improved comprehension and retention of literary concepts.

Holistic Development: Beyond academic achievements, students exhibited growth in creativity, communication skills, and cultural awareness.

**Long-term Impact:** The memories and insights gained from this excursion will continue to resonate with students, shaping their perspectives and enriching their personal and academic pursuits.

**Conclusion:** The educational excursion to Digha was a resounding success, achieving its objectives of fostering intellectual curiosity, cultural appreciation, and personal growth among students from underdeveloped and forest areas. Such initiatives not only bridge educational disparities but also empower students to explore the world with open minds and enriched hearts.

#### Recommendations:

- Regular organization of educational excursions to diverse locations to broaden students' horizons.
- Integration of experiential learning into the curriculum to enhance student engagement and holistic development.

 Collaboration with local communities and experts to ensure meaningful and sustainable educational experiences.

#### Acknowledgments:

- The department extends heartfelt gratitude to The Principal and the college administration for envisioning and organizing the excursion.
- · Faculty members for their guidance and support throughout the journey.
- · Students for their active participation and enthusiasm.
- Local communities and authorities for their hospitality and cooperation.

#### Appendices:

Photographs capturing memorable moments from the excursion.



Figure 2 THE FIRST RIDE TOGETHER



Figure 3 Recreation Through Merryment



Figure 4 BASKING IN THE GLORY OF SUNRISE

· Feedback forms and testimonials from students and faculty members.

This report encapsulates the transformative journey of students from underdeveloped and forest areas, as they embarked on a voyage of exploration and discovery, both literary and personal, in the picturesque landscapes of Digha.

# Pandit Raghunath Murmu Smriti Mahavidyalaya

#### THE DEPARTMENT OF SANTALI

#### A REPORT ON EDUCATION TOUR

HELD ON 02.03.2019-04.03.2019

AT JHINUKPUR, UTTAR DINAJPUR, WEST BENGAL

PROGRAMME DETAILS

: UG & PG Students

PROGRAMME OBJECTIVE

: To learn Santali culture, folk songs, folk dance, and

Customs of Jhinukpur Uttar Dinajpur region

PROGRAMME OUTCOME

: Students known different cultural practices of Santali

Tribe of Jhinukpur Uttar Dinajpur region

GLEAMS OF THE PROGRAMME : A special thanks to Mr. Bhojrai Hembram, Mr. Deelip Kisku, and Mr. Ladam Murmu for their advice and sharing their knowledge. We are also thankful to our Principal and IQAC PRMS Mahavidyalaya for supporting this educational tour.

SUBMITTED BY: THE DEPARTMENT OF SANTALI

SIGNATURE: MANAGE [HEAD, THE DEPARTMENT OF SANTALI]

COORDINATOR, IQAC

PRMS MAHAVIDYALAYA

ILC CO-ORDINATO.

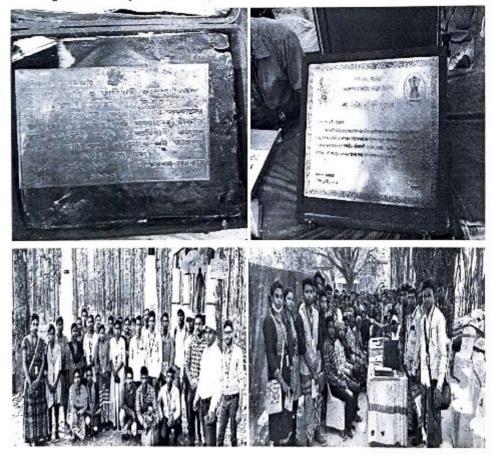
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MAHAVIDYALAYA

PRMS Principal

P.R.M.S. Mahavidyalaya Baragari, P.O.- Jamboni, Dist.- Bankura A three-day educational tour organised by the Department of Santali, PRMS Mahavidyalaya, Baragari, Bankura has been scheduled from March 02 to 04, 2019 in Jhinukpur, Uttar Dinajpur, West Bengal. The tour included undergraduate and postgraduate students, under the supervision of faculty members Mr. Ram Mandi (HOD), Mr. Sidhu Murmu, Mr. Pachra Tudu, and Mr. S. S. Mandi. All students were asked to meet at the college campus gate at 05:30 PM.

We commenced our journey by bus on March 2, 2019, at 6 p.m., and arrived at the location in the morning of March 3. We begin by meeting Mr. Bhojrai Hembram and Mr. Deelip Kisku. They kept us up to date on Santali culture, folk songs, folk dance, and Uttar Dinajpur customs. Mr. Hembram presented us some books and literature about them, including their honours. After that, we meet Mr. Ladam Murmu, an anchor for Tribe TV networks. Mr. Ladam informed us about the socioeconomic state of Uttar Dinajpur's tribes, as well as how they use contemporary technologies and techniques in their daily lives.



It was a unique, thrilling, and informative experience for all of us. We departed Uttar Dinajpur at 8:00 p.m. on March 3, 2019, and arrived at PRMS Mahavidyalaya the next morning. We all had a safe and fun journey, acquiring an abundance of facts.

COORDINATOR, IQAC PRMS MAHAVIDYALAYA Estd.-1986 Bankura

PRINCIPAL PRMS MAHAVIDYALAYA

Principal P.R.M.S. Mahavidyalaya Baragari, P.O.- Jamboni, Dist.- Bankura

#### REPORT ON

## Educational Tour- 2021-22

(Date: 10th December, 2021)

At

#### **BIHARINATH HILL**

# Pandit Raghunath Murmu Smriti Mahavidyalaya Baragari, Bankura- 722150



Session: 2021-22

ORGANISED BY

Department Of Mathematics, PRMS Mahavidyalaya.

#### INTRODUCTION:

An educational tour to Biharinath Hill in Bankura, West Bengal, can offer students a unique learning experience combining natural science, geography, history, and cultural studies. Here's a proposed itinerary for such a tour:

#### **Building Confidence and Independence:**

Traveling away from home in a structured yet unfamiliar setting helps students develop selfreliance, adaptability, and resilience. It encourages them to step out of their comfort zones, navigate new situations, and make independent decisions, thereby fostering personal growth and confidence.

#### Reinforcing Classroom Concepts:

Educational tours reinforce classroom concepts by providing concrete examples, illustrations, and practical demonstrations. Students can see firsthand the relevance and application of what they have learned in school, reinforcing retention and comprehension.

#### Strengthening Teacher-Student Relationships:

Educational tours offer opportunities for informal interactions and bonding between students and educators outside the classroom environment. This strengthens teacher-student relationships, builds trust and rapport, and fosters a supportive learning community.

Overall, educational tours play a vital role in holistic education, enriching students' academic, social, emotional, and personal development. They inspire a lifelong love of learning, encourage exploration and discovery, and empower students to become informed, engaged global citizen



#### TOUR SCHEDULE:

Starting point: PRMS Mahavidyalaya Time: 6 am

**Destination:** Biharinath Hill **Date:** 10<sup>th</sup> December, 2021

#### Arrival and Orientation:

Arrival at Biharinath Hill and check-in at the accommodation facility.

- Orientation session: Introduction to the geographical features, flora, and fauna of Biharinath Hill. Overview of the cultural significance of the region.
- · Short hike or nature walk around the vicinity to acquaint students with the surroundings

#### Nature Exploration and Environmental Studies:

- Guided trekking expedition to explore the biodiversity of Biharinath Hill. Students can
  observe and learn about the various plant species, wildlife, and ecological systems.
- Interactive sessions on environmental conservation and sustainability practices.
   Discuss the importance of preserving natural habitats and mitigating human impact on the environment.

#### Cultural Immersion and Community Engagement:

- Visit to Biharinath Temple: Learn about the history, architecture, and religious significance of the temple dedicated to Lord Shiva.
- Interaction with local tribal communities: Engage in cultural exchange activities, learn about their traditional way of life, arts, crafts, and folklore.
- Participation in community development projects or initiatives promoting education and healthcare in the region.



The Details of the Participants are as follows:

#### Teachers Name:

- 1) Kartick Mondal, Assitant Professor, Dept. of Mathematics, PRMS Mahavidyalaya
- 2) Tapas Halder, Assitant Professor, Dept. of Mathematics, PRMS Mahavidyalaya
- 3) Atanu Patra, SACT, Dept. of Mathematics, PRMS Mahavidyalaya
- 4) Subhra Kundu, SACT, Dept. of Mathematics, PRMS Mahavidyalaya
- 5) Monojit Kundu, SACT, Dept. of Computer Science, PRMS Mahavidyalaya

#### Students Name:

- 1) Nibedita Saren, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- Mrityunjay Sannigrahi, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- Debabrata Laha, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 4) Chinmoy Satpati, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 5) Arpita Sinhamahapatra, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 6) Tapan Kumar Besra, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 7) Sourav Rajak, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 8) Shibnath Dey, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 9) Madhurima Das, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 10) Shilpi Sinhamahapatra, Student, Dept. of Mathematics, PRMS Mahavidyalaya

- 11) Shipra Ghosh, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 12) Narendranath Murmu, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 13) Sima Patra, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 14) Sutapa Mahanty, Student, Dept. of Mathematics, PRMS Mahavidyalaya
- 15) Srabani Mahanti, Student, Dept. of Mathematics, PRMS Mahavidyalaya

#### BIHARINATH HILL

Biharinath Hill, located in the Bankura district of West Bengal, is a picturesque destination known for its natural beauty and religious significance. Rising to an elevation of around 448 meters, it is the tallest hill in the Bankura district and offers breathtaking panoramic views of the surrounding landscape.

The hill is adorned with lush greenery, dense forests, and numerous small waterfalls, making it a haven for nature lovers and trekkers. It's a popular destination for those seeking a peaceful retreat away from the hustle and bustle of city life. Apart from its natural beauty, Biharinath Hill is also renowned for its religious significance. At the summit, there's a temple dedicated to Lord Shiva, known as Biharinath Temple. Devotees visit the temple throughout the year, especially during the auspicious occasion of Shivratri. The surrounding area is inhabited by tribal communities, adding to the cultural diversity of the region. Visitors to Biharinath Hill can immerse themselves in the local culture and traditions, experiencing the warmth and hospitality of the local people.



Overall, Biharinath Hill offers a perfect blend of natural splendor, religious fervour, and cultural richness, making it a must-visit destination for travellers seeking an offbeat experience in West Bengal.



#### PHOTO GALLERY:





#### REFLECTION AND CONCLUSION:

- Group discussions and reflection sessions: Students share their experiences, insights,
   and learning outcomes from the tour.
- Presentation of projects or research findings related to the educational themes explored during the tour.
- · Farewell ceremony and departure from Biharinath Hill.

Throughout the tour, educators can integrate hands-on activities, field observations, and interactive sessions to enhance students' understanding of the subjects covered. Emphasis should be placed on fostering curiosity, critical thinking, and a deeper appreciation for nature, culture, and history.

# Pandit Raghunath Murmu Smiriti Mahavidyalaya



## The Department of English

### A Report On

Navigating Literary Shores: A Comprehensive Report on the Educational Excursion to Bagda Sea Beach, Balasore, Odisha.

Held On: 24/12/2023

Introduction: The Department of English, in collaboration with local authorities and community partners, orchestrated an illuminating educational excursion to Bagada Sea Beach, nestled near Balasore, Odisha. This report encapsulates the meticulous planning, immersive experiences, and profound insights garnered during this transformative journey, tailored for students hailing from underprivileged and tribal-dominated areas of Jangalmahal.

#### Objectives:

**Cultural Immersion:** To provide students with a firsthand experience of the rich cultural heritage and natural splendor of Odisha's coastal region, fostering a deep appreciation for its indigenous traditions, folklore, and customs.

**Literary Exploration**: To explore the literary significance of coastal landscapes and maritime themes, examining how these motifs are interwoven into the fabric of Odia literature and oral traditions.

**Environmental Awareness**: To instill a sense of environmental stewardship and ecological responsibility among students, nurturing their understanding of coastal ecosystems, biodiversity conservation, and sustainable development.

**Empowerment and Inclusion**: To empower students from marginalized communities, including tribal populations, by providing them with opportunities for experiential learning, personal growth, and socio-cultural exchange.

#### Itinerary:

**Departure:** The journey commenced from college, as students and accompanying faculty members embarked on a scenic voyage to Bagda Sea Beach, brimming with anticipation and excitement.

**Exploration of Bagada Sea Beach**: Upon arrival, students were greeted by the rhythmic ebb and flow of the azure sea, as they embarked on a captivating exploration of the pristine coastline, punctuated by sandy shores, rocky outcrops, and picturesque vistas.

**Literary Symposium**: Engaging discussions and interactive sessions led by faculty members delving into the rich tapestry of Odia literature, folklore, and oral traditions, with a particular focus on maritime motifs and coastal narratives.

**Environmental Workshops**: Hands-on workshops and field activities aimed at enhancing students' environmental literacy, including beach clean-up drives and marine conservation efforts, underscoring the importance of ecological sustainability and community engagement.

Cultural Exchange: Intercultural dialogues, traditional performances, and culinary demonstrations showcasing the vibrant mosaic of Odisha's cultural heritage, allowing students to forge meaningful connections with local communities and indigenous practitioners.

**Reflective Journals**: Guided reflection sessions and journaling exercises, where students were encouraged to articulate their thoughts, emotions, and insights gleaned from the excursion, fostering self-awareness, critical thinking, and personal growth.

#### Experiences and Insights:

**Nature's Bounty:** The excursion provided students with a profound appreciation for the untamed beauty of coastal landscapes, as they reveled in the majesty of the sea, the serenity of the shoreline, and the symbiotic harmony of land and water.

**Cultural Immersion**: Interactions with local artisans, fishermen, and tribal communities offered students a glimpse into the living traditions and indigenous knowledge systems that have endured for generations along Odisha's coastline, enriching their understanding of cultural diversity and intercultural dialogue.

Literary Revelations: Through engaging discussions and literary analyses, students gained insights into the intricate interplay between nature and culture in Odia literature, as they uncovered hidden narratives, allegories, and metaphors embedded within coastal landscapes and maritime folklore.

**Environmental Advocacy**: Participation in environmental workshops and conservation initiatives instilled a sense of responsibility and agency among students, empowering them to become advocates for environmental justice, ecological resilience, and community-based conservation efforts.

#### Outcomes:

Academic Enrichment: The excursion served as a catalyst for academic excellence, as students deepened their understanding of literary themes, cultural contexts, and environmental issues through experiential learning, interdisciplinary dialogue, and collaborative inquiry.

Cultural Empowerment: By celebrating the diverse heritage and living traditions of Odisha's coastal communities, the excursion fostered cultural pride, intercultural competence, and social inclusion among students from marginalized backgrounds, affirming their identities and amplifying their voices within the broader societal landscape.

Environmental Advocacy: Equipped with newfound knowledge, skills, and perspectives, students emerged as proactive agents of change, committed to promoting environmental stewardship, community resilience, and sustainable development within their local communities and beyond.

Conclusion: In conclusion, the educational excursion to Bagada Sea Beach, Balasore, Odisha, epitomized the transformative potential of experiential learning, cultural immersion, and environmental engagement in empowering students from underprivileged and tribal-dominated areas of Jangalmahal. By bridging the gap between theory and practice, tradition and modernity, the excursion not only enriched students' academic experiences but also catalyzed their personal growth, cultural empowerment, and environmental advocacy, thereby reaffirming the department's commitment to educational equity, social justice, and sustainable development.

#### Recommendations:

Continued Engagement: Sustained efforts should be made to build upon the momentum generated by the excursion through follow-up activities, community-based projects, and interdisciplinary collaborations that reinforce students' learning, foster civic engagement, and promote sustainable development.

Community Partnerships: Strengthening partnerships with local stakeholders, NGOs, and government agencies is essential to sustaining the impact of the excursion and scaling up its initiatives, ensuring equitable access to transformative educational experiences for students from marginalized backgrounds.

**Policy Advocacy**: Advocating for inclusive policies, funding mechanisms, and institutional support structures that prioritize the educational needs and aspirations of marginalized communities, including tribal populations, is crucial to addressing systemic barriers to educational equity and social inclusion.

#### Acknowledgement

- The department extends heartfelt gratitude to The Principal and the college administration for envisioning and organizing the excursion.
- · Faculty members for their guidance and support throughout the journey.
- Students for their active participation and enthusiasm.
- · Local communities and authorities for their hospitality and cooperation.

#### Appendices:

Visual Documentation: A curated collection of photographs, videos, and multimedia presentations capturing the myriad moments, landscapes, and interactions that defined the essence of the excursion, serving as a visual testament to its transformative impact.



Figure 1 Embarking on a Journey of Discovery: Let the Adventure Begin!



Figure 2 Immersing in the Splendour of Nature



Figure 3 We the Explorerer

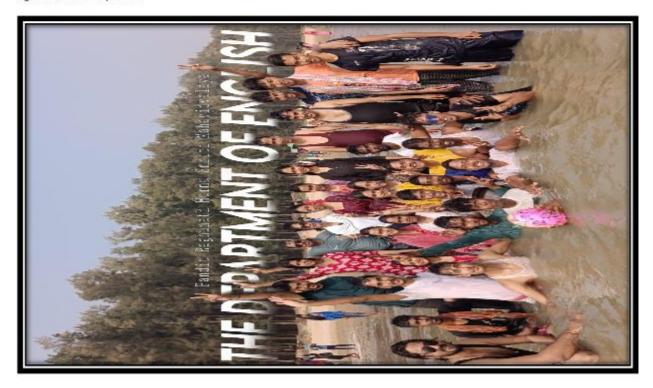


Figure 4 Riders to the Sea



Figure 5 Nature's Canvas: Where Every Shade Tells a Story



Figure 6 TO STRIVE, TO SEEK, TO FIND, AND NOT TO YIELD



Figure 7 Imprints in Time: Footsteps That Endure

**Student Reflections**: Personal narratives, reflective essays, and artistic expressions penned by students, documenting their impressions, insights, and aspirations inspired by the excursion, and affirming the enduring legacy of their educational journey.

# Blood Donation Camp to Promote the Values of Human Bonding and Fellow Feeling organised at

# PRMS Mahavidyalaya

