#### DR. BHUPENDRA NATH DUTTA SMRITI MAHAVIDYALAYA

(Affiliated to The University of Burdwan)
HATGOBINDAPUR, PURBA BARDHAMAN, 713407, WEST BENGAL

E-mail: <u>bhupendranathdutta@yahoo.com</u>
Website: www.dbndsm.edu.in

Ref. No... Date...26/07/2024

#### **CRITERION –I.2: Academic Flexibility**

This is to certify that Dr. Bhupendra Nath Dutta Smrti Mahavidyalaya has offered 27 Add-on Courses in the last 5 years starting from the academic session 2018-2019 to 2022-2023. These Add-on Courses with well-framed programs beyond the purview of the existing syllabus of the University of Burdwan and to develop some employable skills have attracted students in large numbers. This is clear from the fact that students from various disciplines have willingly enrolled for these courses and most of them have completed these courses with commendable grade points.

This file shows the Content of Brochure/Notice of different Add-on/Value added courses.

Principal

OR. BNDS Mahavidyalaya

Jatophidagur, Purba Bardhaman, 713407



## DR. BHUPENDRA NATH DUTTA SMRIMAHAVIDYALAYA

(Affiliated to The University of Burdwan)
HATGOBINDAPUR, PURBA BARDHAMAN, 713407, WEST BENGAL
E-mail: <a href="mailto:bhupendranathdutta@yahoo.com">bhupendranathdutta@yahoo.com</a>

Website: www.dbndsm.edu.in

Ref. No....... Date... 03/01/2022

Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur works with the vision to produce competent students to face current scenario and emerging trends with ease through skilful courses. Add on courses are offered to the students, which is intended to provide an additional learner centric, graded skill, which is oriented to technical and non-technical training. The courses enhance the ability of students in their respective domains and progress up in communication skills too. It bridges the gap between academia and the knowledge beyond academia. We foresee the world into which our students are going to step into and offer them a plethora of courses from varied departments for their holistic development. Courses offered are chosen based on current trends, relevance and value by all the departments. The students are also awarded a certificate on their successful completion of the course.

Principal

Principal
Dr Bhupendra Nath Dutta
Smriti Mahavidyalaya
Hatgobindapur, Burdwan



#### DR. BHUPENDRA NATH DUTTA SHRIMAHAVIDYALAYA

## (Affiliated to The University of Burdwan)

## Department of Geography HATGOBINDAPUR, PURBA BARDHAMAN, 713407, WEST BENGAL

E-mail: bhupendranathdutta@vahoo.com Website: www.dbudsm.edu.in

## **Notice**

This is to notify that an 'Add on' Course on "Introduction to Geo-informatics" will be conducted from February, 2022 (tentatively) for 6<sup>th</sup> semester students by the Department of Geography. Willing students may contact the department.

Srabani Bose Dr. Srabani Bose

In-Charge of the Department

Department of Geography
Dr. Bhupendra Nath Dutta Smrift
Mahavidyalaya
Hatgobindapur, Burdwan

Hatgobindapur, Purba Bardhaman713407, NAAC Re-Accredited, Affiliated to The University of Burdwan

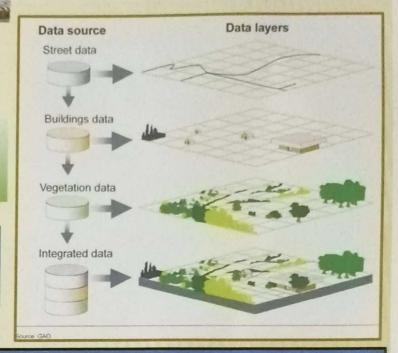
Add-on Course

on

## Introduction to Geoinformatics

Course Duration: 6 Months Class Duration: 1 Hour/day

Eligibility: All the students enrolled in the Department of Geography at DBNDS Mahavidyalaya.



Scope: This add-on course aims at providing an overview of remote sensing, GIS, GPS and Google earth web services that form core components. Exposure to these concepts will benefit the users to build their knowledge base in core geospatial concepts towards application development.

GIS Package: This Course will be run on open-source GIS package, Quan-tum-GIS (QGIS)

#### Course Module

Theory/Practical	Topic	No of
		Classes
	Basic concept of Remote sensing and GIS	1
	Types of Band, EMR, Resolution, Sensor, FCC	2
	Idea of Layer, buffer, attribute tables and symbology	1
Unit 1: Theory	Idea of projection and datum	1
	Principles of Image interpretation	1
	Principles of GNSS positioning	2
	Geo-referencing Geo-referencing	2
	Creation of shape file, Management of attribute table	2
	Digitization: Point, Line and Polygon	2
Unit 2: Practical	Preparation of Thematic Mapping	2
	Digital Image Classification (supervised and unsupervised) and Accuracy	4
	assessment	
	Features extraction from Google Earth image	2
	Map preparation through GPS survey	3
مند المالية	Hands-on Practice	5

Course Tenure: February to May, 2022
Course Co-ordinator: Kiran Kumar Roy



#### **VALUE ADDED COURSE**

Course Name: Yoga Education Health and Wellness

Course coordinator: Dr. Md. Kamrul Hassan, Assistant Professor

Join Co-Ordinator: Dr. Pradip Tudu, Assistant Professor

**Course Duration: 30 Hours** 

Target Students: Compulsory for 2<sup>nd</sup> semester Arts General students of Session 2021-2022

The CBCS System: The Programme shall run on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students, to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education

#### INTRODUCTION OF YOGA AND MENTAL HEALTH

We are living in a fast-paced and digitized world. The pressure to succeed, meeting deadlines, delivering high-quality work, and erratic schedules have taken a toll on the physical and mental well-being of people. In light of this, it has become the need of the hour to create a balance, develop awareness and follow healthy habits. One can achieve this by including Yoga in their life. Unlike the common misconception, Yoga is not a religion but a way of life. Yoga is extremely significant for people who aim to master the mind, healthily manage their emotions and have a healthy and flexible body. Yoga offers innumerable benefits for physical, mental, emotional and spiritual well-being.

Yoga is derived from the Sanskrit word 'yuj' which means 'union'. The practice of yoga includes disciplining or training the 'body' and 'mind'. With regular practice of Yoga, one begins to develop better control of their emotions and leads a disciplined and happy life. Yoga improves strength, and stamina, tones muscles, builds immunity and teaches one how to live a Yogic life.

#### **IMPORTANCE OF YOGA**

Yoga as a practice offers numerous benefits for physical and mental health, development and healing. Yoga works wonders in reducing joint pain, and muscle or back pain. It helps in reducing blood pressure levels, improves - brain function, heart functioning and lung capacity, muscle strength, balance and flexibility and much more.

#### Physical Health benefits of Yoga:

The physical health benefits offered by a constant and consistent Yoga practice are better-known by people. The most common of these are:

- > Improved flexibility and balance
- > Strengthens the muscles:
- > Better functioning of the heart and lungs:
- ➤ Boosts Blood Circulation:
- > Improved Posture
- > Increased Immunity

#### Yoga for Mental Health:

- Reduces Stress
- > Improved Sleep Quality
- > Increased Focus and Awareness
- > Enhances Self-Acceptance and Self-Love
- ➤ Boosts Energy Levels & Reduces Lethargy
- > Anger Management and Increased Calmness

#### **Objectives of the Course:**

- 1. The main aim of this course is to integrate the body, mind, and thoughts so as to work for good ends.
- 2. By practicing yoga, the mind will get sharpened and concentration and memory power may develop.
- 3. Yoga will pave the way for an individual to do any action peacefully and perfectly.
- 4. Through systematic and regular Yogic practices, the body may be made healthier and its resistance power to fight against the diseases.

#### **Outcomes of the Course:**

- CO1: Knowledge about Yoga education.
- CO2: Knowledge about Health and Wellness.
- CO3: Ability to apply Yoga for physical and mental fitness.
- CO4: Opportunity to get job as a Yoga instructor.

#### **Syllabus**

#### Value Added (VA) Course

Course Name: Yoga Education, Health and Wellness

#### Unit -1 (Theory):

Concept of Yoga, Importance of Yoga Education, Concept of Health and Wellness, Concept of Body, Potential causes of illness according to Yoga Vasishta- Concept of Adhi and Vyadhi and their consequences on the body, Concept of stress according to modern science and yoga; Stress as the cause for illness; Role of Yoga in Stress Management. 15 Hours

#### Unit -11 (Practical):

1. Pranayama: Anulome-Vilome, Suryabhidana, Chancrabhedana,

3 Hours

2. Meditation: A-U-M Meditation, Yog Nidra

2 Hours

3. Asanas: (a) Standing: Ardakati Chakrasana, Arda Chakrasana, Pada Hasthasana, Parsvothanasana, trikonasana, Parivrutta trikonasana, veerabhadrasana, Vrukshasana, Parsva Konasana (b) Sitting: Paschimothanasana, Upavista Konasana, Badda Konasana, Vakrasana, Gomukhasana, Padmasana, suptha Vajrasana, Ustrasana, Padangustasana,

#### **Book Recommended for Readings:**

- 1. Ajith 'Yoga Pravesh' Rastrotana Paruhad Bangalore.
- 2. Bachelor of Sports Management Syllabus (Revised) 2008.
- 3. B. C. Rai Health Education and Hygiene, Published by Prakashana Kendra, Lucknow.
- 4. B.K.S. Iyenger 'Yoga The Path of Holistic Health', Dorling Kindersley, Delhi2001.
- 5. Dixit Suresh (2006) Swasthya Shiksha Sports Publication, Delhi.
- 6. Puri, K. Chandra, S.S (2005) Health and Physical Education, New Delhi, SurjectPublication.
- 7. A Text Book on Physical Education & Health Education Fitness, Wellness and Nutrition, Dr. A. K. Uppal, Dr. P. P. Ranganathan.
- 8. Warner W. K. Oeger & Sharon A. Hoeger, Fitness & Wellness, Morton PublishingCo., 1990
- 9. Robert Malt. 90 day Fitness Plan, D. K. Publishing, Inc. 95, Madison Avenue, NewYork 2001.

#### **Assessment/Examination Process:**

- 1. Step 1 Record of Attendance (10 Marks)
- 2. Step 2 Practical Examination (40 Marks)

#### **Final Gradation:**

Total Score (50)	Grade
Above 45	O- Outstanding
40-45	E- Excellent
35-39	A-Very Good
30-34	B- Good
20-29	C- Fair
Below 20	F- Fail

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyaya after successful completion of the course. Their performances will be assessed through record of attendance and practical exams.

## Add on Course in Zoology Course Name: Add on Course on Prawn Culture Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur

Course coordinator Dr. Indranil Bhattacharjee

Course Duration: 30 Hours

Target Students: 2<sup>ND</sup> Semester Zoology Students of Academic Session 2021-2022

#### Objectives of course

- To familiarize participants with the principles of freshwater prawn culture.
- To introduce the best practices for breeding and hatchery management.
- To provide hands-on training in pond preparation, stocking, and water quality management.
- To educate participants on prawn health management and disease prevention.
- To offer practical knowledge in harvesting, post-harvest processing, and marketing of freshwater prawns.

#### **Learning Outcomes**

After completing the course, the student should be able to:

- Manage the Pearl Culture Farm.
- Prepare the proper different kinds.
- Properly handle and maintain the prawn culture.

### Theory (15 hours)

Unit I: Introduction to Freshwater Prawn Culture – Overview of freshwater prawns and their economic significance – Lifecycle of freshwater prawns – Selecting the right prawn species for cultivation

Unit II: Prawn Pond Preparation and Management – Site selection and pond construction – Water quality parameters and management – Pond fertilization and productivity enhancement

Unit III: Prawn Seed Collection and Hatchery Management – Broods stock selection and maintenance – Spawning techniques and larval rearing – Nursery management of prawn post-larvae

Unit IV: Prawn Feeds and Feeding Management – Nutritional requirements of freshwater prawns – Feed formulation and preparation – Feeding strategies for optimum growth

#### Practical (15 hours)

- 1: Prawn Health Management
- 2: Prawn Stocking and Culture Practices
- 3: Water Quality Monitoring and Aeration
- 4: Prawn Harvesting and Post-Harvest Processing

# Add on Course in Zoology Course Name: Add on Course on Freshwater Pearl Culture Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur

Course coordinator Dr. Indranil Bhattacharjee

Course Duration: 30 Hours

Target Students: 4th Semester Zoology Students of Academic Session 2021-2022

#### Objectives of course

- Educate Participants on Freshwater Pearl Farming Techniques
- Pearl Quality Assessment
- Promote Sustainable and Ethical Practices
- Pearl Jewellery Manufacturing
- Market Insights and Industry Trends

## Learning Outcomes After completing the course the student should be able to:

- Manage the Pearl Culture Farm.
- Prepare the proper different kinds.
- Properly handle and maintain the pearl culture

#### Theory (15 hours)

#### Unit I: Introduction to Freshwater Pearls

- Introduction to Pearl Culture: Freshwater vs. Marine
- History and Significance of Freshwater Pearls
- Pearl-Producing Mollusks: Mussel Species
- Factors Affecting Pearl Quality

## Unit II: Freshwater Pearl Farming Techniques

- Setting up a Freshwater Pearl Farm
- Selection and Care of Pearl-Producing Mussels
- Mussel Habitat and Water Quality Management
- Nucleation Methods for Freshwater Pearls

### Unit III: Pearl Formation and Growth Process

- Anatomy of Freshwater Mussels and Pearl Formation
- The Role of Nucleus and Pearl Sac in Culturing
- Factors Influencing Pearl Size, Shape, and Color
- Monitoring the Growth of Cultured Pearls

## Unit IV: Pearl Harvesting and Post-Harvest Procedures

- Recognizing the Optimal Harvesting Time
- Techniques for Harvesting Freshwater Pearls
- Cleaning and Sorting of Harvested Pearls
- Enhancing Pearl Luster and Color through Treatment

### Practical (15 hours)

- 1. Pearl Grading and Quality Assessment
- Pearl Jewelry Manufacturing
- B. Market and Industry Overview
- 4. Pearl Care and Maintenance
- 5. Emerging Technologies in Freshwater Pearl Culture



Add- on Course in English

## Course Name- Gender Sensitization: Building Inclusive Communities

Course coordinator: Nityapriya Shome Chowdhury

Course Duration: 30 Hours

Target Students: 2<sup>nd</sup> Semester (Hons) English Students

Academic Session: 2021-2022

#### Course Overview:

This add-on course is designed to equip students with the knowledge, skills, and attitudes necessary to promote gender equality and build inclusive communities. Through a combination of lectures, discussions, case studies, and interactive activities, students will explore the complexities of gender and sexuality, challenge gender stereotypes and biases, and develop action plans to create a more inclusive and equitable society.

#### **Course Objectives:**

- 1. Understand the concepts of gender and sexuality
- 2. Recognize and challenge gender-based discrimination and violence
- 3. Develop empathy and allyship with marginalized gender groups
- 4. Create inclusive spaces and policies
- 5. Develop action plans for gender sensitization and community building

#### **Course Outcomes:**

Students will be able to:

- Understand gender concepts and challenges
- Recognize and challenge gender biases
- Promote gender equality and inclusivity
- > Develop action plans for gender sensitization
- > Build inclusive communities and support gender diversity

#### Course Curriculum

#### Module-1: Introduction to Gender and Sexuality

- Gender definitions and stereotypes
- Sexuality and sexual orientation
- Gender expression and identity

#### Module-2: Understanding Patriarchy and Gender Inequality

- Historical and cultural contexts of patriarchy
- Gender-based violence and discrimination
- Impact on mental and physical health

#### Module-3: Gender and Socialization

- Gender roles and expectations
- Gender and education
- Gender and employment

#### Module-4: Challenging Gender Stereotypes and Biases

- Recognizing and challenging biases
- · Gender and media representation
- Gender and language

#### **Module-5: Building Inclusive Communities**

- Allyship and support
- Creating safe spaces
- Gender and intersectionality

#### Module-6: Action Plan for Gender Sensitization

- Personal and collective action plans
- Gender sensitization in college campuses
- Sustaining the movement
- Assessment/Examination Process:
- 1. Step 1 Record of Attendance
- 2. Step 2 Written Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyaya after successful completion of the course. Their performances will be assessed through record of attendance and written examination.



#### Add- on Course in Geography

Name of the Course: Training on GPS for land Survey and Map making

Course Coordinator: Dr. Kaberi Koner, State Aided College Teacher

Joint Course Coordinator: Dr. Kiran Kumar Roy, State Aided College Teacher

**Course Duration: 30 Hours** 

Target Students: 4th Semester (Hons) Geography Students

Academic Session: 2021-2022

#### Course Overview:

This course provides hands-on training in using GPS survey equipment and software to collect and process spatial data for map making.

#### Course Objectives:

- ➤ Collect accurate GPS data using various surveying techniques
- > Process and analyze GPS data using specialized software
- Create detailed maps using GPS data and mapping software
- Master hands-on skills in GPS surveying and map making

#### **Course Outcomes:**

By the end of this course, students will have hands-on experience in using GPS survey equipment and software to collect and process spatial data for map making..

#### Course Outline:

Module 1: Introduction to GPS

6 Hours

- Principles of GPS technology
- GPS systems and components
- GPS applications in land surveying and map making

Module 2: GPS Equipment and Software

6 Hours

- Types of GPS receivers and their features
- GPS software for data collection and analysis
- Hands-on training with GPS equipment and software

Module 3: GPS Data Collection and Analysis

6 Hours

- Planning and preparing for GPS surveys
- Collecting and processing GPS data
- Analyzing and interpreting GPS data

Module 4: GPS Mapping and Surveying Techniques

6 Hours

- Using GPS data for mapping and surveying
- Creating maps and charts with GPS data
- Integrating GPS data with other surveying techniques

Module 5: Advanced GPS Applications

6 Hours

- Differential GPS and precise positioning
- GPS and GIS integration
- Case studies in advanced GPS applications

#### **Assessment/Examination Process:**

- 1. Step 1 Record of Attendance
- 2. Step 2 Theory Examination

#### **Final Gradation:**

Total Score (50	) Grade	
Above 45	O- Outsta	nding
40-45	E- Excelle	ent
35-39	A-Very G	ood
30-34	B- Good	
20-29	C- Fair	Carlo
Below 20	F- Fail	***

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful completion of the course. Their performances will be assessed through record of internal, and written examination.



Add- on Course in Geography

## Course Name- Sustainable Rural Development: Principles and Practices

Course coordinator: Dr. Sukanta Das, Assistant Professor

Course Duration: 30 Hours

Target Students: 2<sup>nd</sup> Semester (Hons) Geography Students

Academic Session: 2021-2022

#### **Course Overview:**

This course explores the principles and practices of sustainable rural development, focusing on the social, economic, and environmental aspects of rural development. Students will learn to analyze rural development challenges and opportunities, and develop strategies for sustainable rural development.

#### **Course Objectives:**

- Understand the concept of sustainable rural development
- Analyze rural development challenges and opportunities
- > Develop strategies for sustainable rural development
- Apply principles of sustainable agriculture, resource management, and ecotourism
- Collaborate with stakeholders in rural development initiatives

#### **Course Outcomes:**

This course would provide students with a comprehensive understanding of sustainable rural development, enabling them to analyze challenges, develop strategies, and apply principles of sustainable agriculture, resource management, and eco-tourism in rural development initiatives.

#### Course Curriculum

Module-1: Introduction to Sustainable Rural Development	6 Hours
<ul><li>1.1. Definition and principles of sustainable rural development</li><li>1.2. Rural development challenges and opportunities</li><li>1.3. Case studies in sustainable rural development</li></ul>	
Module- 2: Sustainable Agriculture and Food Security	6 Hours
<ul><li>2.1. Principles of sustainable agriculture</li><li>2.2. Organic farming and permaculture</li><li>2.3. Food security and sovereignty</li></ul>	
Module- 3: Natural Resource Management	56Hours
<ul><li>3.1. Sustainable management of water, soil, and forests</li><li>3.2. Conservation and biodiversity</li><li>3.3. Climate change mitigation and adaptation</li></ul>	
Module-4: Eco-Tourism and Rural Livelihoods	6 Hours
<ul><li>4.1. Principles of eco-tourism</li><li>4.2. Rural livelihoods and entrepreneurship</li><li>4.3. Community-based tourism initiatives</li></ul>	
Module- 5: Rural Infrastructure and Services	6 Hours
5.1. Rural infrastructure development (roads, energy, water) 5.2. Access to healthcare and education 5.3. ICTs for rural development	
Assessment/Examination Process:	
45.00일	

- 1. Step 1 Record of Attendance
- 2. Step 2 Written Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyaya after successful completion of the course. Their performances will be assessed through record of attendance and written examination.



#### Add- on Course in History

## Course Name: Heritage Place Conservation: Preserving India's Cultural Legacy

Course coordinator: Dr. Rohidas Mondal, Assistant Professor

Course Duration: 30 Hours

Target Students: 2<sup>nd</sup> Semester History Hons. Students

Academic Session 2021-2022

#### **Objectives of the Course:**

To equip History students with the knowledge and skills to conserve and manage India's cultural heritage sites.

#### Course Outcomes:

- Understand the principles and practices of heritage conservation
- ldentify and assess conservation needs
- Develop and implement conservation projects
- > Engage with communities and stakeholders
- Apply technical skills and knowledge in conservation

#### Course Curriculum:

#### Module-1: Introduction to Heritage Conservation

6 hours

- Definition and importance of heritage conservation
- International conventions and Indian laws
- Types of heritage sites (monuments, museums, historical cities)

#### Module-2: Principles of Conservation

6 hours

- Conservation ethics and philosophy
- Material science and decay mechanisms
- Documentation and recording techniques

#### Module-3: Site Management and Maintenance

Site assessment and condition reporting

6 hours

- Maintenance and repair techniques
- Risk management and disaster preparedness

### Module-4: Community Engagement and Outreach

- Stakeholder engagement and participation
- Education and awareness programs
- Heritage tourism and its impact

## Module-5: Conservation Techniques and Materials

- Stone, brick, and mortar conservation
- Wooden and metal heritage conservation
- Traditional crafts and skills

#### Assessment/Examination Process:

- 1. Step 1 Record of Attendance
- 2. Step 2 Project Report

#### **Final Gradation:**

Total Score (50)	Grade
Above 45	O- Outstanding
40-45	E- Excellent
35-39	A-Very Good
30-34	B- Good
20-29	C- Fair
Below 20	F- Fail

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyaya after successful completion of the course. Their performances will be assessed through record of attendance and Project Report.

6 hours

6 hours



# Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya Value Added Course in Philosophy

Name of the Course: Professional Ethics

Coursecoordinator: BiswajitSaha, Assistant Professor

Course Duration: 30 Hours

TargetStudents:2<sup>nd</sup> Semester (Hons)PhilosophyStudents

AcademicSession: 2021-2022

#### **About the Course:**

Professional ethics refers to the principles and values that guide the behavior and decision-making of individuals in a specific profession or industry. These ethics help professionals distinguish right from wrong and good from bad, and provide a framework for making ethical decisions.

#### Objectives of the Course:

- ✓ Understand the importance of professional ethics in philosophy
- ✓ Apply ethical theories and principles to real-life scenarios
- ✓ Develop ethical decision-making and critical thinking skills
- ✓ Integrate professional ethics into personal and professional life

#### **Course Outcomes:**

- 1. Demonstrate knowledge of professional ethics in philosophy
- 2. Analyze ethical dilemmas and make informed decisions
- 3. Develop a personal ethical framework and action plan
- 4. Apply professional ethics to teaching, research, and community engagement.

#### Course Curriculum:

#### **Unit-I: Introduction to Professional Ethics**

5 Hours

Definition and importance of professional ethics Ethical theories and principles Ethical decision-making and critical thinking

#### Unit-II: Ethics in the Workplace

5 Hours

Professional responsibilities and accountability Confidentiality and privacy Workplace relationships and boundaries Conflict of interest and bias

#### Unit-III: Ethics in Research and Scholarship

5 Hours

Research ethics and integrity
Plagiarism and academic dishonesty
Informed consent and participant rights
Responsible conduct of research

#### Unit-IV: Ethics in Teaching and Education

5 Hours

Teacher-student relationships and boundaries Grading and evaluation ethics Curriculum design and cultural sensitivity Pedagogical ethics and best practices

#### Unit-V: Ethics in Community Engagement and Service

5 Hours

Community involvement and social responsibility
Cultural competence and humility
Volunteerism and service ethics
Social justice and activism

#### Unit-VI: Case Studies and Applications

5 Hours

Real-life scenarios and ethical dilemmas Group discussions and debates Ethical decision-making and problem-solving

#### Assessment/ExaminationProcess:

- 1. Step1-Record of Attendance
- 2. Step2-Theory Examination

#### **Final Gradation:**

Total Score (50)	Grade
Above 45	O- Outstanding
40-45	E- Excellent
35-39	A-Very Good
30-34	B- Good
20-29	C- Fair
Below 20	F- Fail

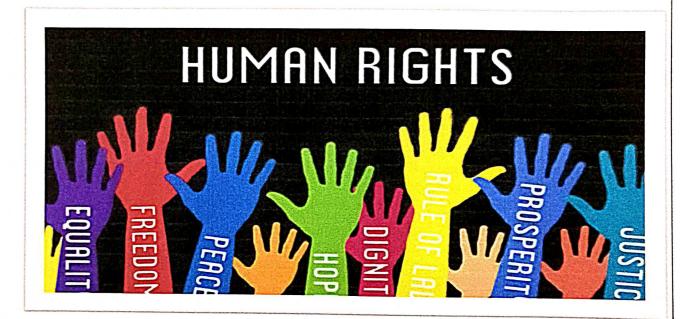
#### **Certification:**

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful completion of the course. Their performances will be assessed through record of internal, and written examination.



#### Add- on Course in Political Science

Course Name- Human Rights: Foundations, Issues, and Actions



Course Co-ordinator: Sushanta Mondal, State Aided College Teacher

**Course Duration: 30 Hours** 

Target Students: 2<sup>nd</sup> Semester (Hons) students of Academic Session 2021-2022

#### **Course Description:**

This add-on course is designed to equip Indian political science college students with a comprehensive understanding of human rights, enabling them to analyze, advocate, and promote human rights in India.

**Course Objectives:** 

- 3. Develop advocacy and action plans for human rights promotion
- 4. Apply human rights principles to political science concepts

#### **Course Outline:**

- Introduction to Human Rights (4 hours)
- Human Rights Framework and Instruments (6 hours)
- Civil and Political Rights (6 hours)
- Economic, Social, and Cultural Rights (6 hours)
- Human Rights Violations and Redressal (4 hours)
- Human Rights Advocacy and Action (4 hours)

#### **Learning Outcomes:**

- > Students will be able to define and explain key human rights concepts
- > Students will be able to analyze human rights issues in India
- > Students will be able to develop advocacy and action plans for human rights promotion
- > Students will be able to apply human rights principles to political science concepts

#### **Opportunity:**

- o Students can apply human rights principles to real-life scenarios and case studies
- o Develop advocacy skills to promote and protect human rights
- o Demonstrate critical thinking and problem-solving skills on human rights issues
- o Design and propose initiatives to promote human rights in local communities
- o Reflect on their own roles and responsibilities in upholding human rights.

#### **Assessment/Examination Process:**

Step 1 – Record of Attendance

Step 2 – Assignment

#### **Final Gradation:**

Total Score (50)	Grade
Above 45	O- Outstanding
40-45	E- Excellent
35-39	A-Very Good
30-34	B- Good
20-29	C- Fair
Below 20	F- Fail

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and Written examination.



## DR. BHUPENDRA NATH DUTTA SMRIMAHAVIDYALAYA

(Affiliated to The University of Burdwan)

Department of Geography

HATGOBINDAPUR, PURBA BARDHAMAN, 713407, WEST BENGAL

E-mail: bhupendranathdutta@yahoo.com

Website: www.dbndsm.edu.in

Ref. No.....

Date: 15/02/2023

## **Notice**

This is to notify that an Add on Course on "Advanced Excel" will be conducted from March, 2023 (tentatively) for 6<sup>th</sup> semester students by the Department of Geography. Willing students may contact the department.

Snabani Bose

Dr. Srabani Bose

In-Charge of the Department

Department of Geography
Dr. Bhupendra Nath Dutta Smrti
Mahavidyalaya
Hatgobindapur, Burdwan

Hatgobindapur, Purba Bardhaman713407, NAAC Re-Accredited, Affiliated to The University of Burdwan

Add-on Course

on

## **Advanced Excel**

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Course Duration: 30 Hours Class Duration: 1 Hour/ per class

Rigibility: All the students enrolled in the Department of Geography at DBNDS Mahavidyalaya.



The main purpose of this add-on course is to organize, model and analyze data in a spreadsheet format allows users to create and edit data sets, perform calculations and generate charts and graphs for data is alization and create tables with complex database features.

## Course Module

MODULE	TOPIC	NO OF CLASSES
MODULE 1	INTRODUCTION TO MS EXCEL	
MODULE 2	CELL AND WORKSHEET MANAGEMENT	2
MODULE 3	VIEWING WORKSHEET	2
MODULE 4	TABLE MANAGEMENT	2
The Art	DATA SORTING, FILTERING AND CONDITIONAL	4
MODULE 5	FORMATTING	
MODULE 6	WORKING WITH DATA TOOLS	2
MODULE 7	CHART PREPARATION	2
MODULE 8	INSERTING GRAPHICS	2
MODULE 9	LOGICAL TEST AND TEXT FUNCTION	3
	ARITHMETIC FUNCTION, COUNT AND	3
MODULE 10	STATISTICALFUNCTION	4
MODULE 11	INDEX FUNCTION, V LOOK UP AND PIVOT TABLE	
"我们"的	HYPER LINK PAGE SETTING FILE AND WORKSHEET	3
MODULE 12	PROTECTION	SHAPE BEAT

Course Tenure: February to May, 2023 Course Co-ordinator: Dr. Kiran Kumar Roy



## dr. Bhupendra nath dutta smrimahavidyalaya

(Affiliated to The University of Burdwan)

Department of Geography HATGOBINDAPUR, PURBA BARDHAMAN, 713407, WEST BENGAL

E-mail: bhupendranathdutta@vahoo.com

Website: www.dbndsm.edu.in

Ref. No.....

Date: 15/02/2023

## **Notice**

This is to notify that an Add on Course on "Green Energy for a Sustainable Future" will be conducted from April, 2023 (tentatively) for  $\boldsymbol{\beta}^{th}$  semester students by the Department of Geography. Willing students may contact the department.

Snabani Bose

Dr. Srabani Bose

In-Charge of the Department of Goography

Department of Goography

Department of Hain Dutta Services Dr. Bhupendra Neth Dutta Smith

Wayshidaslads Hatgobindapur, Burdwan



### Add- on Course in Geography

## Course Name: Green Energy for a Sustainable Future

Course coordinator: Dr. Srabani Bose, Associate Professor

Joint Co-Ordinator: Dr. Sukanta Das, Assistant Professor

Course Duration: 31 Hours

Target Students: 4th Semester Geography Students of Academic Session 2022-2023

Objectives of the Course: The modern civilization is dependent upon energy more than ever in the past. Starting from a small cell phone to large scale industries, all are driven by energy. The demand for energy by modern human civilization is increasing rapidly with the establishment of new metropolitan cities and large-scale industries all over the world. But today's main energy sources (fossil fuels) are finite and long-term effects of their use is detrimental for the environment. This enforces us to look for 'green energy' sources, such as sunlight, wind, tides, rain, waves, geothermal heat, bio-mass and bio-fuel.

This course is designed to make students aware of following:

- Utilization of abundant natural energy resources to reduce dependency on fossil fuels
- Latest technologies used to harness green energy from nature
- ➤ Lowering carbon emission, greenhouse gases and hence global warming in order to protect Mother Nature
- Business opportunities

#### **Course Outcomes:**

- CO1: Knowledge about Green Energy.
- CO2: Knowledge about Sustainable Development.
- CO3: Ability to apply itself green energy for sustainable nature.
- CO4: Ability to aware other people about the green energy for green nature.

## Course Curriculum:

#### Module 1:

- ✓ India's current energy scenario, drawbacks of fossil fuels, need for green
- energy 2 hours
- ✓ Photovoltaic technology 2 hours
- √ Organic and perovskite solar cells 2 hours
- ✓ Solar thermal devices 2 hours

#### ➤ Module 2:

- ✓ Various types of wind turbines and grid interconnections 2 hour
- ✓ Marine power: wave energy devices, tidal and osmotic power, OTEC technology 2 hour
- ✓ Hydroelectricity, formation of dams, rain water harvesting 2 hour

#### ➤ Module 3:

- √ Biomass energy: utilization of agricultural, animal and industrial wastes 2 hour
- √ Geo-thermal power, hot springs 2 hour
- ✓ Piezoelectric, electromagnetic and nuclear energy: environmental impact 2 hours
- ✓ Our responsibility to build a sustainable future and conclusion 2 hour

#### ➤ Module 4:

- √ Generating thermo-electricity from temperature difference of water 2 hours
- ✓ Operating small fans, buzz, LEDs using solar cells 2 hours
- ✓ Variation of solar power with light intensity, shielding, and wavelength 2 hours
- ✓ National and international policies 1 hours
- ✓ Starting a green energy business, entrepreneurship, and career opportunities 2 hours

### Assessment/Examination Process:

- 1. Step 1 Record of attendances
- 2. Step 2 Seminar presentation with group discussions

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful completion of the course. Their performances will be assessed through record of attendance and seminar presentation with group discussions.



## Add- on Course in Commerce

Course Name: Statistical Analysis Using MS Exce

Course Co-ordinator: Dr. Abhijit Roy

Program: B. Com Hons

Semester: II

**Duration: 30 Hours** 

Credit: Non-credit course

### Course Objective:

This course will review and expand upon core topics of statistics with handsonapplication using MS Excel. Descriptive statistics will be reviewed with the help of relevant datasets. Introductory inferential statistics will be discussed using appropriate dataset.

## Course Outcomes:

- CO1: Knowledge about basic descriptive statistics.
- CO2: Ability to interpret data using MS Excel tools
- CO3: Knowledge about test of hypothesis and inferential statistics
- CO4: Ability to apply MS Excel in inferential statistics

## Course Curriculum:

Module 1: Introduction to basic Statistics	[5 Hours]
Data, graph, diagram	
Univariate analysis	
Module 2: Introduction to spreadsheet	[5 Hours]
Basic cell format	
Useful functions: IF, Nested IF, VLOOKUP, HLOOKUP	
Data analysis toolpack	
Module 3: More Excel functionaries	[3 Hours]
Data filtering capabilities in Excel	
Pivot table	
Charts - basic charts, histograms, scatterplots	
Module 4: Application of Excel in inferential statistics	[5 Hours]
T - test	
<ul> <li>Straightline analysis - graphically estimate the relationship</li> </ul>	between
two variables	
Simple linear regression using MS Excel	
Module 5: Multiple regression analysis using Ms Excel	[5 Hours]
Module 6: Probability Modelling using Excel	[7 Hours]
<ul> <li>Poission distribution: calculate the probability of a given nu</li> </ul>	mber of
events occurring in a fixed interval of time or space	Art State of the S
Monte carlo simulation: better understand the impact frisk	and
uncertainty in forecasting models	

## Assessment/Examination Process:

Step 1 - Record of Attendance

Step 2 -Written examination

## Final Gradation:

Total Score (50)	Grade	
Above 45	THE CONTRACT OF THE CONTRACT O	C. Caronia
40-45	O- Outstanding	Vac Name
35-39	E- Excellent	
30-34	A-Very Good	
20-29	B- Good	Mark Control
Below 20	C- Fair	
	F- Fail	

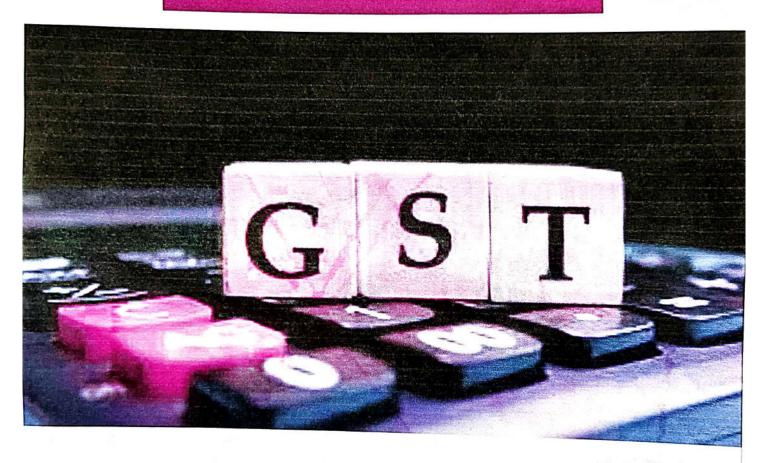
## Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and Written examination.



Add- on Course in Commerce

Course Name: Goods and Services Tax



Course Co-ordinator: Dr. Nirmala Rajak

Program: B. Com Hons

Semester: VI

Duration: 30 Hours

Credit: Non-credit course

#### **Course Objectives**

The course aims to help students to comprehend the basic principles of Goods and Services Tax. The course will enable students to practically understand and apply GST including registration and returnfiling.

#### **Course Outcomes**

- CO1: Overall understanding of GST
- CO2: Knowledge for filing GST Annual Returns
- CO3: Familiarising about offline tools and online filing method
- CO4: Enabling students to work as GST professional

#### **Course Curriculum**

Module 1: Structure of GST [5 Hours]

Module 2: Registration and types of registration [5 Hours]

Module 3: Input tax credit system [3 Hours]

Module 4: Tax invoice and other documents preparation [5 Hours]

Module 5: Refunds of GST [5 Hours]

Module 6: Offences of penalties [3 Hours]

Module 7: Returns of GST [4 Hours]

#### Assessment/Examination Process:

Step 1 - Record of Attendance

Step 2 - Written examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and Written examination.



## Add- on Course in Commerce

Course Name: Financial Market and Risk Management

Course Co-ordinator: Dr. Abhijit Roy

Program: B. Com Hons

Semester: IV

**Duration: 30 Hours** 

Credit: Non-credit course

#### Course Objective

This course will review and expand upon core topics of financial markets and risk management. The course will enable students to learn the financial market and risk management from an investors' perspectives.

#### Course Outcomes

- CO1: Knowledge about financial markets and institutions...
- CO2: Knowledge about basics of financial risk management.
- CO3: Ability to apply data analysis for financial risk management
- CO4: Ability to apply knowledge as an investor in financial market

#### Course Curriculum

Module 1: Introduction to financial markets and institutions [5 Hours]

Module 2: Commodities markets: Introduction [5 Hours]

Module 3: Currency markets: Introduction [3 Hours]

Module 4: Derivatives and risk management [5 Hours]

Module 5: Creation of equity portfolio and real-time management [5 Hours]

Module 6: Mutual funds and wealth management [3 Hours]

Module 7: Market data analysis and case study [4 Hours]



#### Assessment/Examination Process:

Step 1 - Record of Attendance

Step 2 -Written examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and Written examination.

# Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur Department of Zoology

Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur works with the vision to produce competent students to face current scenario and emerging trends with ease through skilful courses. Add on courses are offered to all the students, which is intended to provide an additional learner centric, graded skill, which is oriented to technical and non-technical training. The courses enhance the ability of students in their respective domains and progress up in communication skills too. It bridges the gap between academia and the knowledge beyond academia. We foresee the world into which our students are going to step into and offer them a plethora of courses from varied departments for their holistic development. Courses offered are chosen based on current trends, relevance and value by all the departments. The students are also awarded a certificate on their successful completion of the course.

# Add on Course in Zoology

Course Name: Add on Course on Biodiversity and Conservation Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur

Course coordinator: Dr. Partha Sarathi Roy, Associate Professor

Course Duration: 31 Hours

Target Students: 2<sup>ND</sup> Semester Zoology Students of Academic Session 2022-2023

# Objectives of the Course

1.Assessment of biodiversity.

✓ 2. To predict pattern of biodiversity distribution.

√ 3. To preserve all varieties of old and new flora, fauna and microbes.

✓ 4. To identify various threats related to biodiversity.

✓ 5. Exploration of biodiversity and importance of biodiversity.

✓ 6. The sustainable use of biological resources, fair and equitable sharing of the
benefits arising from biodiversity

### Course outcomes

CO1: In-depth knowledge and critical understanding of the theory and principles of biodiversity and the interrelationships of its levels with the basic effects from infrastructure development in nature conservation areas.

CO2: Knowledge and skills to realize and combine the complexity of the relations and interactions between the ecosystem structures and functions and the human impacts from the one side with the sustainable management aiming at the conservation of species and habitats.

✓ CO3: Describe the threats to biological diversity, that is, direct harvesting, habitat destruction, and introduction of non-native species, among others, and their interactions

✓ CO4: Describe the threats to biological diversity, that is, direct harvesting, habitat destruction, and introduction of non-native species, among others, and their interactions.

CO5: Approaches for conservation of biodiversity at all level.

#### Module 1: Definition of biodiversity- 5 Hours

- ✓ Types of Biodiversity 1 Hour
- ✓ Climatic Zones and Biodiversity-1 Hour
- ✓ Maintenance of Biodiversity-2 Hours
- ✓ Tutorial-1 Hour

#### Module 2: Indian Biodiversity- 5 Hours

- √ Vegetation Zones-1 Hour
- ✓ Zones of Faunal distribution-2 Hours
- ✓ Major protected areas & their importance-1 Hour
- ✓ Tutorial-1 Hour

#### Module 3: Global Biodiversity-5 Hours

- ✓ Major Biodiversity areas of the world-2 Hours
- ✓ Biodiversity Hot Spots and Biogeographic realms-2 Hours
- ✓ Tutorial-1 Hour

#### Module 4: Biomes of the World-5 Hours

- ✓ Characteristic flora and fauna-2 Hours
- ✓ Threatened species as per IUCN-2 Hours
- ✓ Tutorial-1 Hour

# **Module 5: Natural History-7 Hours**

- ✓ Natural History of Flora & Fauna of India- Major flora & Fauna-2 Hours
- ✓ Natural History of Western Ghats-2 Hours
- Methods of recording Natural History of a place-1 Hour
- ✓ Red Data Book and its significance-1 Hour
- ✓ Tutorial-1 Hour

# Module 6: Wildlife and Human Welfare-4 Hours

- ✓ Ethnobiology & Ecosystem People-2 Hours
- ✓ Economics of Ecosystem and Biodiversity (TEEB) -1 Hour
- ✓ Tutorial-1 Hour

# Dr Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur Department of Zoology

# **Notice**

All the students of B. Sc. IVth Sem are here by informed that the Department of Zoology has organized- Add on Course on "Wild Life Biology" from Wednesday 22<sup>nd</sup> February, 2023. All the students are informed that they should remain present for this said course on time.

Department of Zoology Department of Zoology Dr. B. N. Durta Smrtti Harrawan Dr. B. N. Burdwan Add on Course in Zoology

Course Name: Add on Course on Wild Life Biology

Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur

Course coordinator: Dr. Somnath Chatterjee

Course Duration: 30 Hours

Target Students: 4TH Semester Zoology Students of Academic Session 2022-2023

# Objectives of the Course

✓ To distinguish between different species of animals.

- ✓ To develop an appreciation for nature and other animal species.
- ✓ To classify animals based on the morphological features
- To appraise the importance of wildlife.

To develop skills for photography.

# Course outcomes

✓ CO1: This course will provide a wholesome and professional understanding about the Indian wildlife and its conservation scenario to the young

CO2: Students will learn about the various contemporary aspects of wildlife monitoring including application of modern and emerging tools and

# Course Curriculum:

#### Module 1

(15 Hours)

- Diversity of birds and bird watching
- ✓ Diversity of dragon flies
- ✓ Diversity of butterflies

### Module 2

(15 Hours)

- ✓ Diversity of spiders
- ✓ Diversity of mammals
- ✓ Photography in wild condition

# Dr Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur Department of Zoology

# **Notice**

All the students of B. Sc. VIth Sem are here by informed that the Department of Zoology has organized- Add on Course on "Basic Field Biology" from Wednesday 15<sup>th</sup> March, 2023. All the students are informed that they should remain present for this said course on time.

Department of Zoology Burdwan Or. B. Hargonindapur, Burdwan

# Add on Course in Zoology Course Name: Add on Course on Basic Field Biology Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya, Hatgobindapur

Course coordinator: Dr. Indranil Bhattacharjee

Course Duration: 30 Hours

Target Students: 6<sup>TH</sup> Semester Zoology Students of Academic Session 2022-2023

# Objectives of the Course

✓ To teach students basic field methods

- ✓ To enhance the knowledge of students for identifying and collecting specimen
- ✓ To inculcate the students with importance of proper cataloguing of field data
- ✓ Introduce advanced sampling techniques and equipment.

# Course outcomes

- ✓ CO1: Students will able to properly collect and preserve zoological specimen
- ✓ CO2: Students will able to choose the appropriate gear for sampling and field collections
- ✓ CO3: Students will able to accurately catalogue the field data
- ✓ CO4: Students will able to Prepare samples for various types of downstream laboratory protocols

#### Course Curriculum:

### Module -I: Basic animal sampling techniques

15 Hours

- ✓ Importance of Zoological collections
- ✓ Concern towards biodiversity and concept of minimally invasive and noninvasive sampling.
- ✓ Concept of random sampling, quadrat method, transect method.
- ✓ Collection of soil organisms pit fall traps, handpicking.
- ✓ Collection of insects –nets, light traps.
- ✓ Collection of aquatic organisms plankton nets.
- √ Various fish collection nets and gears.

# Module -II: Preservation of Zoological specimen

10 Hours

- Difference between wet and dry preservation.
- ✓ Concept and methods of taxidermy, herbarium.
- ✓ Preservation of zoological specimen in solutions formaldehyde, saline, buffers, alcohol.
- ✓ Importance of selection of preservative for downstream applications.

# Module -III: Basic molecular techniques for genetic characterization of zoological specimen 5 Hours

- ✓ DNA isolation methods
- ✓ Confirmation of DNA quality and quantity agarose gel electrophoresis
- ✓ UV-vis spectrophotometry
- ✓ Basic theory of PCR mention standardization of PCR



# **Add- on Course in Economics**

Course Name: Introductory course on data analysis

Course coordinator: Pallabi Sarkar

Sl. No.	Course title	Content  Data of various kinds are closely related with economics and the analyzing the data is so muneeded in the field of economics and for further research	
1	Data analysis		
2	Requirement	The students of economics and the other students who have interest to learn data analysis	
3	Objective	This add on course will teach the students about the process of data analysis so that they can easi handle their data and that would help them to do a good research work	
4	Career objective	Through this course the students will enable to handle data masterly and can find a job of data analysts in various prospect	
5	Course hours	30 hours	
6	Course duration	One class-1 hour 2 classes per week	
7	Course outcome	Students will have a primary	
8	Assessment process	knowledge about data analysis Students will be evaluated on the basis of a test	

#### **Course Contain:**

> C	ourse duration: 30 hours	lectures:30
> In	ntroduction:	
	o Data-types of data-method of collecting data	L-02
> 0	verview of data analysis:	The second
	o Meaning of analysis-steps of data analysis	L=06
> St	teps of data analysis:	Mary Control
740 304	<ul> <li>Understanding decision making points-identify data variables-cleaning the data</li> </ul>	and processing L-08
> Te	echniques:	4
	o Understanding the techniques of data analysis-communication of data	a L-4
> M	s Excel:	
	o Operating Microsoft excel-functions-formulas-analyzing data in excel	L-05
> Aı	nalyzing software:	
	o Spss and EViews	L-05

#### Assessment/Examination Process:

Step 1 - Record of Attendance

Step 2 – Practical Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and Practical examination.



**Add- on Course** 

Course Name: Management of Google Workspace as a LearningEducational Tool













Google Workspace













Course coordinator: Dr. Sukanta Das, Assistant Professor of Geography Joint Co-Ordinator: Biswajit Saha, Assistant Professor of Philosophy

Course Duration: 30 Hours

Target Students: 2nd Semester Students of Arts and Humanities

Offering Session: 2022-2023

Objectives of the Course: The digital ecosystem of today is changing quickly, and this is having a significant impact on education. Technology integration in the classroom is now required, not just a trend. Educators need to arm themselves with cutting-edge resources to promote learning, teamwork, and creativity. That's where the shining example of educational success, unlocking the Power of Google Workspace for Education, comes into play. In an era where knowledge is shared more than ever, educational establishments must keep up with the times. G Suite for Education, originally known as Google Workspace for Education, is a potent toolkit created especially for colleges and institutions. It gives teachers and students the tools they need to participate in a dynamic, engaging, and productive learning environment. The aforementioned courses' objectives are:

- Students can work together in real time on projects, which promotes creativity and teamwork.
- Google Workspaces facilitates smooth and effective collaboration between educators and learners.
- Google Workspace's technologies improve efficiency and make administrative work easier to handle.
- > Boosts involvement and elevates the educational process as a whole.

#### **Course Outcomes:**

- CO1: Knowledge about Google Workspaces as a Learning educational tool.
- · CO2: Increases digital Communication skills.
- CO3: Increases real-time collaborative work.

#### Course Curriculum:

#### Module 1: Communicate Google Workspace tools

- ✓ Google Email 1 hours
- √ Google Calendar 1 hours
- ✓ Google Meet 2 hours
- √ Google Map 1 hours
- √ Google Translate 2 hour
- √ Hand on Practice 3 hour

#### Module 2: Collaborate with Google Workspace tools

- √ Google Form 3 hour
- √ Google Doc. 2 hour
- √ Google Slide 2 hour
- √ Google Sheets 2 hour
- √ Google Class Room 3 hour
- √ Hand on Practice 8 hour

#### Assessment/Examination Process:

- 1. Step 1 Record of Attendance
- 2. Step 2 Practical Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful completion of the course. Their performances will be assessed through record of attendance and practical exams.



### Add- on Course in History

### Course Name: Constitution of India

Course coordinator: Dr. Rohidas Mondal, Assistant Professor

Course Duration: 30 Hours

Target Students: 4th Semester History Students of Academic Session 2022-2023

Objectives of the Course: The Constitution of India is the supreme law of India. It frames fundamental political principles, procedures, practices, rights, powers, and duties of the government. It imparts constitutional supremacy and not parliamentary supremacy, as it is not created by the Parliament but, by a constituent assembly, and adopted by its people, with a declaration in its Preamble. Parliament cannot override it. The world's longest Constitution is the Indian's Constitution. The Constitution of India was adopted on the 26th of November, in the year 1949. However, it came to effect on the 26th of January, 1950. At its commencement, it had 395 articles in 22 parts and 8 schedules. The objectives of this course are:

- To make the students realize the significance of the Constitution of India, help them to understand the basic concepts of the Indian Constitution and thus show them how it can be useful in all walks of life;
- > To identify the importance of fundamental rights as well as fundamental duties;
- To understand the functioning of Union, State, and Local Governments in the Indian federal system.

#### Course Outcomes:

CO1: Knowledge about the Indian Constitution.

CO2: Knowledge about Fundamental Rights.

CO3: Understand the Indian Federal System.

#### Course Curriculum:

#### **UNIT-I**

#### Introduction to Constitution:

Lectures - 10 Hrs.

- 1. Meaning and importance of the Constitution, Salient features of Indian Constitution.
- 2. Preamble of the Constitution.
- 3. Fundamental Rights- meaning and limitations.
- 4. Directive Principles of State Policy and Fundamental Duties -their enforcement and their relevance.

#### UNIT-II

#### **Union Government:**

Lectures - 10 Hrs.

- 1. Union Executive- President, Vice-president, Prime Minister, Council of Ministers.
- 2. Union Legislature- Parliament and Parliamentary Proceedings.
- 3. Union Judiciary-Supreme Court of India Composition and Powers and Functions.
- 4. Constitutional Bodies and Non-Constitutional Bodies.

#### UNIT-III

#### State and Local Governments:

Lectures - 10Hrs.

- 1. State Executive- Governor, Chief Minister,
- 2. Council of Ministers. State Legislature-State Legislative Assembly and State Legislative Council.
- 3. State Judiciary-High Court.
- 4. Local Government-Panchayat Raj System with special reference to 73rd and Urban Local Self Govt. with special reference to 74th Amendment.

#### Assessment/Examination Process:

- Step 1 Record of Attendance
- 2. Step 2 Assignment

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyaya after successful completion of the course. Their performances will be assessed through record of attendance and home assignment.



### Add- on Course in Political Science

Course Name: Importance of Voting

Course Co-ordinator: Subhranil Roy, State Aided College Teacher

Course Duration: 30 Hours

Target Students: 4th Semester (Hons) students of Academic Session 2022-2023

#### Objectives of the Course:

- > Awareness of Voting
- > Value of Casting the vote
- > Voting importance in democratic Government
- Cause of voting apathy in Indian Politics
- > Improving the casting the vote
- > To control bogus the vote
- To elect good leader / Moral person

#### Opportunity:

This course gives the knowledge of voting to the student and Indian people, to help and to make strong democracy in India.

#### Course Contents:

- ✓ Introduction of Indian political system & Democracy 9 Hours
- ✓ Procedure of Indian voting system- 9 Hours
- ✓ Democracy and voting system- 8 Hours
- ✓ Indian election and voting- 4 Hours

#### Assessment/Examination Process:

Step 1 – Record of Attendance

Step 2 - Assignment

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and home assignment.



# Add- on Course in Political Science

Course Name: Role of Gram Panchayat in India for Rural Development

Course Co-Ordinator: Sushanta Mandal, State Aided College Teacher

Course Duration: 30 Hours

Target Students: 6th Semester (Hons) students of Academic Session 2022-2023

#### Objectives of the course:

> To understand Rural politics

Basic information of Gram Panchayat structure

Awareness among the village people about sarpanch work

To understand Government policy related to Gram Panchayat

#### **Utility /Opportunities:**

This Add-on course gives basic knowledge of local Self-Government and Gram Panchayat activities among students who will be active participant in local politics / Gram Panchayat works & policy in near future.

#### Course Contents:

- ✓ Brief History of Indian Gram Panchayat and 73<sup>rd</sup> and 74<sup>th</sup> Amendment act of Indian Constitution- 12 Hours
- ✓ Information of local Self-Government. 8 Hours
- ✓ Brief knowledge about Mukhed taluka's Gram Panchayat 6
- ✓ The village of dabded shirur Gram Panchayat at powers and functions in year2019-20-4 Hours

#### **Assessment/Examination Process:**

Step 1 - Record of Attendance

Step 2 - Assignment

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and home assignment.



Add- on Course in Mass Communication and Journalism

Course Name: News Casting & News Writing

Course Co-ordinator: Amrita Mukherjee, State Aided College Teacher

Course Duration: 30 Hours

Target Students: Mass Communication & Journalism (Hons) students

Academic Session 2022-2023

#### ✓ Objectives of the Course:

The purpose of this course is to introduce the students with the profession of News reading and casting. By the end of this course students will be conversant with the basis of news of news presentation and anchoring and photo journalism. They will also be conversant with staff qualities and responsibilities. The main moto is to improve students' professional skills as well as academic enhancement.

#### ✓ Course Contents:

Module No	Outcome (Syllabus)	Theory	Practical	No of Classes
1	(Introduction to News) I. Definition of news ii. Tips and techniques of news anchoring iii.Role, duties and qualities of news anchor iv. Functions of news casters. v. Understanding the new scripts and agenda.	i. Concept of news and operation of newsroom. ii. Function of a television channel. iii. types and formats of new stories. Iv.classification of news	i. Anchoring basic tips and techniques. ii. understanding voice modulation tips and techniques for voice grooming	10

2	(Production Techniques) i. Basics of production control room. ii.How to host/ moderate/present a show/ event/ interview for TV/ radio iii.Hands on experience on PCR. iv. Voice modulation dictation breathing, clarity, humming and pitch presentation	I. Performance skill analysis genres in acting concept- comedy serious emotional. ii.Describe how to host an interview.	I. Body movement techniques ii Voice and speech exercise. iii. Basics of acting in front of camera.	10
3	Camera movements and Editing Techniques) I. Basic shorts and movements of camera ii. Editing history and concept of visual grammar. iii. Aesthetics of editing and photography iv. Aperture ISO shutter speed exposures v. Lights in photography	I. Develop a camera- friendly presentation skill. ii. Articulate do's and don'ts in front of camera. iii. Manage all the essential criteria for news presentation.	i. Presentation and body language. ii. Basics of post- production knowledge. iii. Hands on experience with camera and editing techniques	10

### Assessment/Examination Process:

Step 1 - Record of Attendance

Step 2 – Assignment/Written Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful compilation of the course. Their performances will be assessed through record of attendance and home assignment/Written Examination



### Add- on Course in Physical Education

Course Name: Officiating and Coaching

Course coordinator: Dr. Md. Kamrul Hassan, Assistant Professor

Join Co-Ordinator: Dr. Pradip Tudu, Assistant Professor

Course Duration: 31 Hours

Target Students: 4th Semester Geography Students of Academic Session 2022-2023

The CBCS System: The Programme shall run on Choice Based Credit System (CBCS). It is an instructional package developed to suit the needs of students, to keep pace with the developments in higher education and the quality assurance expected of it in the light of liberalization and globalization in higher education

#### INTRODUCTION OF OFFICIATING AND COACHING

Sports in today's machinery life has emerged as an important element and gained so much importance among masses. Many national and international cadre competitions are organized. All the modern and technically advanced equipment and facilities were being used in these competitions. In order to conduct the play within the boundaries of the rules recommended for that the very game, some persons are employed and given the various works which helps in following the rules. These person whom which important functions are assigned are called the officials of the game. In the competitions the application of sport tactics and strategies during the game or event, entails the substitution of players and other actions are performs by the national and international coaches.

#### Officiating

Officiating is an act as an official in charge of something, especially a sporting event.

The functions which are performed by an official during the course of conduct of a game is called as Officiating.

An official gives judgement under varying circumstances but always in keeping the apt interpretation of the rules.

#### Coaching

Coaching is the job or activity of providing training for people or helping to prepare them for something. Coaching is crucial and important for any successful performance of any sports team. It is imparting knowledge to players about various events.

The term "coach" is used to indicate the director of the operation of a team. Coach refers who has the responsibility for the players physical conditioning and skills training.

### CONCEPT OF OFFICIATING:

Officiating is both a science and art. Whereas the question of the conduct of the game is concerned, it is an art. In the matter of knowledge of rules and their interpretations, officiating is a science. A capable of an official is a combination of both. That is why it takes vast experience, along with knowledge and practicability to make an ideal official.

The quality of sports officiating depends on the officials knowledge of the rules while observing the requirements of sportsmanship, including unbiased judgement and accuracy and on his experience as an official.

Effective and capable of officiating is a must in the successful conduct of any competition. A really capable official is able to win confidence of players in no time. It is equally essential for the players to repose unquestioned faith in the official. Successful officiating is then of utmist importance in inculcating the spirit of the game and to raise the level of officiating.

At any given time and while conducting a game, there are officials work. Until they performed their assigned functions properly, officiating of the game cannot be conducted successfully. The different officials perform functions within the ambit of Rules. It is the essential that official must oversee the entire game and also observe the game critically. His judgements should always be without prejudice.

#### **Facts of Officiating**

- Development of healthy spirit of competition.
- 2. Helpful in achieving the aims of Physical Education and Sports.

- 3. Development of Sportsmanship.
- 4. Getting recreation.
- 5. Increase in the attitude of players towards games.
- Development of the feeling of brotherhood among players.

#### IMPORTANCE OF OFFICIATING

- The official is of much importance in officiating and also in organisation of the game.
- An official should face unusual circumstances during the course of the game.
- A capable official must face the circumstances with courage and without overstepping the rules
  or the code of ethics.
- An official is always above prejudices.
- The sports official is a role model who is charged with enforcing the concepts of fair play and good sportsmanship.
- It provides a unique opportunity to positively influence young people.
- Officiating affords an individual the opportunity to develop interpersonal skills and to hone one's judgment skills.
- It is important that officials present in a manner that portrays officiating in a positive and respected manner.
- Officials undertake an important role in the staging of competitions.
- They provide leadership and guidance to participants, ensuring that the competition is conducted in a safe and fair manner.

#### CONCEPT OF COACHING

Coaching is a full time job and it is the process in which coach imparts knowledge to the players. Coach imparts not only the basic and fundamental knowledge to his students but provide them with such advance knowledge which helps them in bringing a maturity in their performance. Thus coach works up the base which possess the specialised knowledge related to particular event.

Coaching is an advanced concept depends to a great extent on kind of teaching given to the student. From basic to advance skills, every information related to event is being received by player form then coach. It is difficult to think of any team without coach. Today when we are leaving in the world of expertise, coaching has become an important area in sports. Coaches are expected to be highly qualified technically in their sports speciality and should possess personal and professional qualities.

A coach philosophy might be based on the coach's belief in the social, emotional, moral and character building outcomes of the players. Coaches love their sport, enjoy the task of working with young players and feel that they are helping to mould fine character. The development of proper attitudes based on the educational philosophy early in a coach's career will probably do much toward the acquisition of a healthy philosophy of coaching.

#### Scheme of Evaluation:

1. Internal Assessment: 10 Marks

2. External Assessment: 40 Marks and 40 and 10 marks for Theory and Practical respectively for papers having practicum.

3. Duration of Exam: 2 Hours

4. Pass marks: Minimum of 40% in Internal and External separately.

#### **SYLLABUS**

#### SYLLABUS

**CREDITS: 04** 

**CONTACT HOURS: 60.00** 

MARKS: 100.00

#### **OBJECTIVE:**

- Officiating builds skills for a life time teamwork, loyalty, sacrifice, study, decision-making, fair mindedness, accountability and honesty to developing positive skills and qualities that can be learned and implemented through officiating.
- To analyse development tendencies in their selected sports discipline and to take this into consideration when planning their own training process

#### UNIT I:

#### Officiating

- 1.1 Definition and Importance of Officiating
- 1.2 Principles of Officiating
- 1.3 Duties of Official

#### **UNIT II:**

#### **Quality of Official**

- 2.1 Qualities of a good official
- 2.2 Suggestion for improving the standard of officiating
- 2.3 Officials for athletics and other major games and their responsibilities

#### UNIT III:

#### Coaching

- 3.1 Meaning and Definition of coaching
- 3.2 Importance of coaching
- 3.3 Principles of coaching
- 3.4 Qualities of a good coach

#### 3.5 Duties of a coach

#### UNIT IV:

#### **Training**

- 4.1 Meaning and Definition of training
- 4.2 Types of training
- 4.3 Principles of sports training
- 4.4 Factors affecting training

#### UNIT V:

#### Skills

- 5.1 Demonstration and Analysis of skills
- 5.2 Criteria of Selection of players
- 5.3 Principles of Offence and Defence
- 5.4 Training Schedules
- 5.5 Requisites of a Champion

#### **ESSENTIAL READINGS:**

#### Book Recommended

- 1. Sharma P.D. (2000). "Officiating and Coaching", A.P. Publishers, 19, Books, Market, Chowk Adda, Jalendher.
- Singh, H. (1984). Sports Training-General Theory and Technique. Patiala: NSNIS, Publication, 8
- 3. Dr. P.D. Sharma: Officiating and Coaching, A.P. Publishers, 19, Books, Market, Chowk Adda, Jalendher.
- 4. Singh Hardayal Sports Training General Theory and Practice NSNIS Publication Patiala, 1984.

#### REFERENCES:

#### Reference Books

- 1. Bee, C. F. (1959). The science of coaching. Ronald Press Company, New York.
- 2. Sharma, N.K., (2011). Psychology of Coaching. Educational Publishers, Delhi.
- 3. Shriram, T. & Singh, V., (2013), Coaching and Officiating in Sports and Games. Sports Publications Khel Sahitya, New Delhi.
- Singh, A.J., (2013). Sports Psychology for Coaches. Khel Sahitya Kendra, New Delhi.
- Sharma, N.P., (2008). Officiating and Coaching in Sports. Khel Sahitya Kendra, New Delhi.
- 6. Yousufzai, N.S., (2014), Officiating, Coaching and Training Methods in Physical Education & Sports. Khel Sahitya Kendra, New Delhi
- 7. Reddy, (2009). Sports Officiating and Coaching. Sports Publications, Delhi.

8. Clair Bee and Ken Norton: The Science of Coaching: Second Edition, The Ronald Press Company, New York 1959.

9. James B. Bonder: How to be successful Coach, Prentice Hall, INC, Englewood

#### **'E' Resources**

Guide-FINAL.pdf

https://www.slideshare.net/TOPVIKS/officiating-and-coachingpptx
https://books.google.co.in/books?id=kkfrDwAAQBAJ&printsec=copyright&redir\_esc=y#v
=onepage&q&f=false
https://www.education.ne.gov/wp-content/uploads/2022/07/Sports-Officiating-in-PE-



### Add- on Course in Bengali

কোর্সের নাম: বাচিক শিক্সের চর্চা

কোর্সের নাম-বাচিক শিল্পের চর্চা
কোর্সের আহ্বায়ক- ড. মঞ্জরিতা চক্রবর্তী
যুগ্ম আহ্বায়ক-ড. আনসার আলি
কোর্সের সময়সীমা- ৩০ ঘণ্টা
কাদের জন্য এই কোর্স- ৪র্থ সেমেস্টার বাংলা সাম্মানিকের ছাত্রছাত্রী
Academic Session-2022-2023

# √ এই কোর্সের উদ্দেশ্য:

আজকের পৃথিবীতে নিজেকে আকর্ষণীয় ভাবে প্রকাশ করতে পারা একটি দক্ষতার বিষয়। সাহিত্যের ছাত্রদের ক্ষেত্রে এটি একটি আবশ্যক বিষয়। এই কোর্সের মধ্য দিয়ে বাচনিক ক্ষেত্রগুলির অনুশীলন করা হবে যার দ্বারা একজন সাহিত্যের ছাত্র তার পঠিত বিদ্যাকে যথাযথভাবে প্রকাশ করতে পারে। এই উদ্দেশ্য সামনে রেখে এই কোর্সটিতে বাচিক দক্ষতার কয়েকটি প্রাথমিক বিষয়ের আলোচনা এবং অনুশীলনের ক্ষেত্র করা হয়েছে।

# পাঠ্যক্রম সূচী:

	বিষয়	ক্লাসের সংখ্যা	
ক)	কিছু প্রাণায়াম	2	
খ)	নিজেকে আকর্ষণীয়ভাবে উপস্থাপিত করার কৌশল	۵	
গ)	উচ্চারণ বিশুদ্ধি		
ঘ)	সাধু ভাষা চলিত ভাষার ধারণা		
<b>E)</b>	মঞ্চভীতি দূর করার উপায় সমূহ		
চ)	ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ		
থ)	আবৃত্তি		
ক)	ছন্দের সাধারণ বোধ	3	
ৰ)	অলঙ্কারের ধারণা		
গ)	ছেদ যতি চিহ্নের সম্যক ধারণা		
ঘ)	ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	2	
৩)	সংবাদ পাঠ		
ক)	সংবাদের গুরুত্ব এবং মান অনুযায়ী কণ্ঠ নিয়ন্ত্রণ	<b>S</b>	
ৰ)	নিরপেক্ষ বাচন		
গ)	শ্রোতা দর্শকের সাথে দৃষ্টি সংযোগ		
ঘ)	দ্রুত ও সাবলীল পঠন দক্ষতা	7	
<b>ෂ</b> )	ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	3	
8)	সংবাদ লিখন	Mary Transfer	
ক)	প্রাপ্ত সংবাদকে সংক্ষিপ্ত বা বিস্তারিত করার ক্ষমতা	2	
ৰ)	সঠিক বানানের প্রয়োগ	7	
গ)	সংবাদের গুরুত্ব অনুযায়ী পরিবেশন	2	
		r r	
ঘ)	ভাষাকে আকর্ষণীয় করার দক্ষতা	- P	
<b>(</b> )	স্থালনা		
ক)	ক) বাচন কৌশল	2	
ৰ)	খ) তাৎক্ষণিক কথা তৈরির দক্ষতা	2	

গ)	গ) পরিমিতিবোধের ধারণা	3	
ঘ)	ঘ) বহু কবিতা, গান, উদ্ধৃতি স্মৃতিতে রাখা		
<b>E)</b>	ঙ) ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	٥	
৬)	নাটক		
ক)	<b>य</b> त्राक्त्रभव		
ৰ)	মঞ্চনাটক,শ্রুতিনাটক এবং পথনাটকের প্রাথমিক ধারণা	2	
গ)	গ) মঞ্চ নাটকে আলোগ্রহণ, শব্দ প্রয়োগ ইত্যাদির ধারণা	7	
ঘ)	ঘ) শ্রুতি নাটকে কণ্ঠ প্রয়োগ ইত্যাদির অভ্যাস	2	
હ)	ঙ) ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	۵	
۹)	বক্তব্য উপস্থাপন		
ক)	মূল বিষয়কে ভাল করে বুঝে নেওয়া	2	
ৰ)	যুক্তিপূর্ণ এবং চমকপ্রদ উপস্থাপন	۵	
গ)	দর্শকের দৃষ্টি পাঠ করার ক্ষমতা	2	
ঘ)	কোথায় থামতে হবে তার বোধ		
ଞ)	ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	2	
b)	বিতৰ্ক		
ক)	বিষয়ের পক্ষে বা বিপক্ষে নিজের অবস্থান বুঝে নেওয়া	2	
ৰ)	প্রাসঙ্গিক যুক্তি সাজানো	2	
গ)	সাধ্যমতো উদাহরণ এবং সরসতার সাথে উপস্থাপন	2	
ঘ)	অন্য পক্ষের বক্তব্য গভীর মনোযোগে শোনা		
હ)	ছাত্রছাত্রীদের অভ্যাস এবং প্রয়োগ	٥	
<b>a</b> )	পরীক্ষা	= -	
ক)	ছাত্রছাত্রীদের পরীক্ষা নেওয়া	٥	
<b>ৰ)</b>	ছাত্রছাত্রীদের শংসাপত্র প্রদান	2	

# এই কোর্স থেকে কি প্রাপ্তি হবে:

- ১) ছাত্রদের মঞ্চভীতি দূর হবে
- ২) নিজের কথা বা ভাবনাকে প্রকাশ করার ক্ষমতা বাড়বে।
- ৩) কণ্ঠস্বরে নিয়ন্ত্রণ আসবে।
- ४) স্বরক্ষেপণের দ্বারা বক্তব্য বিষয়় যথাযথ হবে।
- ৫) আত্মবিশ্বাস বাড়বে।
- 🕨 ৬) আবৃত্তি শেখাতে পারবে।
- ৭) সংবাদ লিখন এবং সংবাদ পাঠের দক্ষতা দৃশ্যশ্রাব্য মাধ্যমগুলিতে কাজের সুযোগ করে দেবে।
- > ৮) বিতর্কের দক্ষতা যে কোন বক্তব্যকে যুক্তি দিয়ে প্রতিষ্ঠা করতে সাহায্য করবে।
- ৯) নাটকের প্রাথমিক পাঠ ও চর্চার দ্বারা চিত্রনাট্য লেখা বা ভাষ্য রচনার ধারনা গড়ে উঠবে যা আজকের মিডিয়া নির্ভর সময়ে বহু কাজের সন্ধান দেবে।
- ১০) বাচিক শিল্পের সামগ্রিক বোধ যে কোন সৃজনশীল কাজের দক্ষতা তৈরি করে দেবে।
- 🗸 এই কোর্সের পরীক্ষা নেওয়া হবে মৌখিক প্রশ্ন এবং প্রায়োগিক দক্ষতার উপর
- ✓ পরীক্ষার পর কৃতি ছাত্রছাত্রীদের শংসাপত্র দেওয়া হবে।



# Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya Add- on Course in Philosophy

Name of the Course: Ethical values in the way of philosophical perspectives

Course coordinator: Tapan Ruidas, State Aided College Teacher

Joint Co-Ordinator: Biswajit Saha, Assistant Professor

Course Duration: 30 Hours

Target Students: 4th & 6th Semester Philosophy Students of Academic Session 2022-2023

#### Objectives of the Course:

The study of ethics helps the studer's to grow in awareness on moral values, skilled development to practical life at present time. It's also helps the students to find out the ethical problems in practical and professional lives.

#### **Course Outcomes:**

- CO1: Knowledge Moral values.
- CO2: Ability to apply moral values in their own life
- CO3: Ability to aware other people in society about moral values.

#### Course Curriculum:

#### Module -1: class hours (6 hours)

Ethics: its nature, scope and utility. Teleological and deontological theories. Kant's deontological Ethics, Categorical imperatives.

#### Module -2: class hours (10 hours)

Utilitarianism: Basic concept, act and rule utilitarianism and its limitation. Different views on it likes mills, bentham, sidgwick.

#### Module-3: class hours (6 hours)

Environmental ethics: its definition, features and utility. Intrinsic and instrumental values.

#### Module -4: class hours (8 hours)

Feminism: its nature, gender equality, ethics of care.

Different views on it likes Raja ram mohan roy and B.R. Ambedkar.

#### **Assessment/Examination Process:**

- 1. Step 1 Record of Attendance
- 2. Step 2 Theory Examination

#### Certification:

The students will be given certificates from Dr. Bhupendra Nath Dutta Smriti Mahavidyalaya after successful completion of the course. Their performances will be assessed through record of internal, and written examination.