



GOVERNMENT OF WEST BENGAL

Office of the Principal

Government General Degree College, Gopiballavpur-II

P. O. Beliaberah, Dist. Jhargram, Pin – 721517

Email: principal@ggdcgopi2.ac.in; Contact No. 03221-261263

**NAAC DVV SUPPORTING DOCUMENTS
CRITERION 1**

Metric ID	Deviations Details	Findings of DVV
1.2.1	<p>Number of Certificate/Value added courses offered and online courses of MOOCs, SWAYAM, NPTEL etc. (where the students of the institution have enrolled and successfully completed during the last five years)</p> <p>HEI Input: 4</p>	<p>HEI to provide circular, brochure, report, Letter of approval for starting the course, attendance sheet, syllabus covered for the following Value-added courses: 1) Scientific Practice and Ethic (2022-23) 2) Sustainability and Environmental Awareness (2022-23)</p>



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Response of HEI:

Value-added courses:

Serial no.	Course Name	Supporting Documents
1.	Scientific Practice and Ethic (2022-23)	Circular
		Brochure
		Report
		Letter of approval for starting the course
		Attendance sheet
		Syllabus covered
2.	Sustainability and Environmental Awareness (2022-23)	Circular
		Brochure
		Report
		Letter of approval for starting the course
		Attendance sheet
		Syllabus covered



Government of West Bengal
Office of the Principal
Government General Degree College Gopiballavpur-II
P.O-Beliaberah, District- Jhargram, Pin-721517

Ref. No: VAC-01

Date: 10th May, 2023

NOTICE

This is to notify to all the students that Department of Physics, Government General Degree College Gopiballavpur-II, Jhargram in collaboration with IQAC, GGDC Gopiballavpur-II, will organize a Value Added Course on "Scientific Practice and Ethics" from 16th to 25th May, 2023 from 11 AM to 3 PM. Interested students in this regard are requested to contact the HOD of Physics department for registering themselves in this course within 14th May, 2023. A certificate will be issued for those who enroll in this course.

Course Coordinator
Department of Physics

Head
Department of Physics
Head
Dept. of Physics
Govt. General Degree College
Gopiballavpur - II

Coordinator
IQAC
GGDC, Gopiballavpur-II
CO-ORDINATOR, IQAC
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II

Officer-in-Charge
GGDC, Gopiballavpur-II
OFFICER - IN - CHARGE
Govt. General Degree College
Gopiballavpur - II



GOVERNMENT GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II, JHARGRAM

*(Affiliated to Vidyasagar University, Midnapore,
West Bengal)*

We are committed to impart quality education and culminate the young minds of Jungalmahal



VALUE ADDED COURSE IN

**Scientific Practice and
Ethics**

Email: principal@ggdcgopi2.ac.in

Telephone: 03221-261262

Beliaberah, Jhargram, West Bengal-721517

RESOURCE PERSONS

- Dr. Sujit Kisku, Assistant Professor of Zoology and Officer-In-Charge
- Dr. Sovan Chakraborty, Assistant Professor of Anthropology
- Dr. Avik Roy, Assistant Professor of Anthropology
- Dr. Nandini Ganguly, Assistant Professor of Anthropology
- Dr. Kaustabh Dan, Assistant Professor of Physics
- Dr. Amit Bhunia, Assistant Professor of Physics
- Dr. Koushik Mukherjee, Assistant Professor of Physics
- Dr. Palash Mondal, Assistant Professor of Sociology

VALUE ADDED COURSE

SCIENTIFIC PRACTICE AND ETHICS

COURSE OBJECTIVE

- Introducing Scientific Practices in Daily Life.
- Creating Awareness about the ethical values in life.
- Integrate the ethical practices in basic research.

**Course Duration
32 Hours**

COURSE OUTCOME

- Creates Awareness against superstitious and unscientific habits and promote scientific practice in daily life.
- Develops ethical values in young minds that will help character building in the early stage of their life.
- Promotes ethical practices in the area of research.

COURSE STRUCTURE

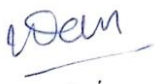
- Offline Mode
- Presentations
- Lectures
- Group Discussion
- Assignments
- Evaluative Test

VALUE ADDED COURSE

SCIENTIFIC PRACTICE AND ETHICS

COURSE CONTENT

UNIT	CONTENT
1.	Scientific Practice in Daily Life, Ethical Values in Behavioural Science
2.	The Role of Institutional Review Boards (IRBs) in Ensuring Ethical Research Practice , Privacy Concerns and Ethical Issues in Research
3.	Responsible Conduct in Research: Avoiding Plagiarism and Fabrication of Data, The Role of Transparency and Open Access of information in Ethical Research Practices
4.	The Ethics, Benefits and Risks of Scientific Discoveries , Ethical Consideration on Artificial Intelligence and Machine Learning
5.	The Balance Between Scientific Advancement and Animal Rights , Informed Consent: Its Importance and Challenges in Contemporary Research


Assistant Professor (WBES)
Government General Degree College
Gopiballavpur II, Jhargram
PIN 721517

Dr. Kaustabh Dan
Course Coordinator
GGDC, Gopiballavpur-II


CO-ORDINATOR, IQAC
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II

IQAC
GGDC, Gopiballavpur-II


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Course Completion Report

Title: Scientific Practice and Ethics

Course Duration: 32 Hours; [May 16 to 23, 2023]

Course Coordinator: Dr. Kaustabh Dan

Introduction:

The Scientific Practice and Ethics course was successfully conducted by Dept of Physics, in collaboration with IQAC, Government General Degree College, Gopiballavpur-II. This report provides an overview of the course delivery, student participation, and outcomes.

Course Delivery:

The course was delivered in Offline mode over 8 days from May 16 to May 23, 2023. The curriculum was designed to cover key aspects of Scientific Practice and Ethics, ensuring a comprehensive learning experience for the participants.

Student Participation:

A total of 25 students enrolled in the course. The participants were from diverse backgrounds, which contributed to a rich learning environment. The course witnessed active participation from students, with appreciable average attendance rate.

Assessment and Feedback:

Participants were assessed through examination, and class quizzes. The feedback received from students was overwhelmingly positive, expressing satisfaction with the course content and delivery.

Outcomes:

The course successfully met its objectives, with 100% of participants completing the course and receiving their certificates. The course has significantly enhanced the skills and knowledge of the participants.



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Conclusion:

The Scientific Practice and Ethics course has been a valuable addition to the academic offerings of Government General Degree College, Gopiballavpur-II. We extend our gratitude to the college administration, faculty, and students for their support and active involvement in making this course a success.

We look forward to organizing more such value-added courses in the future.

Dr. Kaustabh Dan

Course Coordinator

Government General Degree College, Gopiballavpur-II



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Circular No Phys/1/VAC/2023

Date 02.05.2023

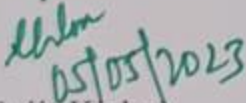
To

Dr. Kaustabh Dan
Course coordinator of Value Added Course
Department of Physics

Sub: Approval for VAC titled "Scientific Practice and Ethics"

Your request for organizing A Value Added Course on Scientific Practice and Ethics of 32 hours duration from 16th May 2023 to 23th May 2023 in offline mode has been approved by the recommendation from IQAC.

With best wishes,


(Dr. Sujit Kisku)
The Officer-In-Charge
Govt. General Degree College
Gopiballavpur-II, Jhargram

OFFICER-IN-CHARGE
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II



Government General Degree College at Gopiballabhpur-II
GOVERNMENT OF WEST BENGAL
P. O. BELIABERAH, DIST. JHARGRAM, PIN - 721517.

Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Sujit Kisku and Palash Mondal

Topic: Scientific Practice in Daily life; Ethical values in Behavioural Science

Attendance sheet

Date: 16/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anupama Dolai		Anupama Dolai
Manika Mandi		Manika Mandi
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Dayel Kamila		Dayel Kamila Bag
Sagarika Dey		Sagarika Dey
Arijit Palra		Arijit Palra
Lilima Nath		Lilima Nath
Rupa Shet		रुपा शेट
Radharani Barik		Radharani Barik
Sima Kuita		Sima Kuita
Piu Karan		Piu Karan
Lisa Karan		लिसा कारन
Krishnakala Singh		Krishnakala Singh
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Kanika Ghosh		Kanika Ghosh
Sagar Murmu		Sagar Murmu
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
Priya Mallik		Priya Mallik



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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Avik Roy and Dr. Nandini Ganguly

Topic: **The role of Institutional Review Boards (IRBS) in Ensuring Ethical Research Practice; Privacy Concerns and Ethical Issues in Research**

Attendance sheet

Date: 17/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anupama Doloi		Anupama Doloi
Manika Mandi		Manika Mandi
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Payel Kanila		Payel Kanila
Sagarika Dey		Sagarika Dey
Arijit Patra		Arijit Patra
Lilima Nath		Lilima Nath
Reba Shet		রীবা শেট
Radharani Barik		Radharani Barik
Sima Kwila		Sima Kwila
Piu Karan		Piu Karan
Lisa Karan		লিসা কারান
Krishnakala Singh		Krishnakali Singh
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Kanika Ghosh		Kanika Ghosh
Sagar Murmu		সাগর মুর্মু
Kamal Rout		Kamal Rout
Fulmoni Tudu		Fulmoni Tudu
Prasanta Sing		Prasanta Sing
Priya Mallik		Priya Mallik



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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Kaustabh Das

Topic: Responsible Conduct in Research: Avoiding Plagiarism and
Fabrication of Data

Attendance sheet

Date: 18/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anupama Dolai		Anupama Dolai
Manika Maudh		Manika Mandi
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna
Payel Kamila		Payel Kamila Bag
Sagarika Dey		Sagarika Dey
Arijit Patra		Arijit Patra
Lilima Nath		Lilima Nath
Rupa Smit		রুপা স্মিত
Radharani Barik		Radharani Barik
Sima Kuila		Sima Kuila
Piu Karan		Piu Karan
Lisa Karan		লিসা কারান
Krishnakali Singh		Krishnakali Singh
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Kanika Ghosh		Kanika Ghosh
Sagar Murmu		সাগর মূরুমু
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
Priya Mallik		Priya Mallik

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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Koushik Mukherjee

Topic: The Role of Transparency and open Access of Information
Attendance sheet in Ethical Research Practice

Date: 19/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anubama Doloi		Anupama Doloi
Manika Maudl		Manika Mandi
Sayani Rana		Sayani Rana
Sudib Pramanik		Sudib Pramanik
Sudeshna Bag		Sudeshna Bag
Dayel Kamila		Dayel Kamila
Sagarika Dey		Sagarika Dey
Asmita Patra		Arivel Patra
Lilima Nath		Lilima Nath
Ruba Shit		Radharani Barik
Radharani Barik		Sima Kuita
Sima Kuita		Piu Karan
Piu Karan		গিয়া কান
Lisa Karan		
Krishnakala Singh		Sashama Routh
Sushama Routh		Sandip Das
Sandip Das		Sabita Kisku
Sabita Kisku		Kanika Ghosh
Kanika Ghosh		Sagarika Manna
Sagarika Manna		Kamal Rout
Kamal Rout		Fulmani Tudu
Fulmani Tudu		Prasanta Sing
Prasanta Sing		Priya Mallik
Priya Mallik		



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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Amit Kumar Bhowia

Topic: The Ethics, Benefits and Risks of Scientific Discoveries

Attendance sheet

Date: 22/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha BISHRAM
Anupama Doloi		Anupama Doloi
Manika Mandi		Manika Mandi
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Payel Kanila		Payel Kanila
Sagarika Dey		
Arijit Patra		Arijit Patra
Lilima Nath		Lilima Nath
Rupa Smit		ରୁପା ସମିତ
Radharani Borik		Radharani Borik
Sima Kuila		Sima Kuila
Piu Karan		Piu Karan
Lisa Karan		ଲିସା କରାଣ
Krishnakali Singh		Krishnakali Singh
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		SABITA KISKU
Kanika Ghosh		Kanika Ghosh
Sagar Murmu		SAGAR MURMU
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
Priya Mallik		Priya Mallick



Government General Degree College at Gopiballabhpur-II
GOVERNMENT OF WEST BENGAL,
P. O. BELIABERAH, DIST. JHARGRAM, PIN - 721517,
Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Soumi Chakraborty
Topic: Ethical Consideration on Artificial Intelligence and
Attendance sheet Machine Learning Date: 23/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anupama Doloi		Anupama Doloi
Manika Maudai		Manika Maudai
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Payel Kamila		Payel Kamila
Sagarika Dey		Sagarika Dey
Arijit Patra		Arijit Patra
Lilima Nath		Lilima Nath
Rupa Shit		Rupa Shit
Radharani Borik		Radharani Borik
Sima Kuila		Sima Kuila
Piu Karan		Piu Karan
Lisa Karan		Lisa Karan
Krishnakali Singh		Krishnakali Singh
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Kanika Ghosh		Kanika Ghosh
Sagar Murmu		Sagar Murmu
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
Priya Mallick		Priya Mallick



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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Sujit Kisku

Topic: The Balance Between Scientific Advancement and Animal Rights

Date: 24/05/23

Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anubama Doloi		Anupama Doloi
Manika Maudl		Manika Mandl
Sayani Rana		Sayani Rana
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Payel Kamila		Payel Kamila
Saamika Dey		
Arijit Patra		Arijit Patra
Lilisha Nath		Lilisha Nath
Ruba Smit		রুবা স্মিত
Radharani Barik		Radharani Barik
Sima Kuila		Sima Kuila
Piu Karan		Piu Karan
Lisa Karan		লিসা কারান
Krishnakala Singh		Krishnakali Sing
Sushama Routh		Sushama Routh
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Kanika Ghosh		Kanika Ghosh
Sagar Muzum		সাগর মুজুম
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
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Value added course on "Scientific Practice and Ethics"

Name of the Resource person: Dr. Anik Roy

Topic: Informed Consent : Its Importance and Challenges in

Attendance sheet Contemporary Research

Date: 25/05/23


Name of the Participants	Roll	Sign
Anisha Bishram		Anisha Bishram
Anubama Dolai		Anupama Dolai
Manika Maudai		Manika Maudai
Sayani Parar		Sayani Parar
Sudip Pramanik		Sudip Pramanik
Sudeshna Bag		Sudeshna Bag
Payel Kamila		Payel Kamila
Sagarika Dey		Sagarika Dey
Arijit Patra		Arijit Patra
Lilima Nath		Lilima Nath
Rupa Shet		Rupa Shet
Radharani Parik		Radharani Parik
Sima Kuila		Sima Kuila
Piu Karan		Piu Karan
Lisa Karan		Lisa Karan
Krishnakali Singh		Krishnakali Singh
Sushama Rout		Sushama Rout
Sandip Das		Sandip Das
Sabita Kisku		Sabita Kisku
Konika Ghosh		Konika Ghosh
Sagar Murmu		Sagar Murmu
Kamal Rout		Kamal Rout
Fulmani Tudu		Fulmani Tudu
Prasanta Sing		Prasanta Sing
Priya Mallik		Priya Mallik

VALUE ADDED COURSE

SCIENTIFIC PRACTICE AND ETHICS

COURSE CONTENT

UNIT	CONTENT
1.	Scientific Practice in Daily Life, Ethical Values in Behavioural Science
2.	The Role of Institutional Review Boards (IRBs) in Ensuring Ethical Research Practice , Privacy Concerns and Ethical Issues in Research
3.	Responsible Conduct in Research: Avoiding Plagiarism and Fabrication of Data, The Role of Transparency and Open Access of information in Ethical Research Practices
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5.	The Balance Between Scientific Advancement and Animal Rights , Informed Consent: Its Importance and Challenges in Contemporary Research


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Ref No.....VA-2/2023.....

Date....12.01.2023...

The Department of Geology in collaboration with IQAC is conducting a value added Course on ***Sustainability and Environmental Awareness*** from 01/02/2023 to 09/02/2023 in R. N. Tagor Hall (1st Floor), Govt. General Degree College at Gopiballavpur-II. Interested Students may register for the course to H.O.D. Department of Geology with in 28/01/2023.


Officer-in-Charge
Govt. General Degree College
Gopiballavpur-II

R. Chandra
CO-ORDINATOR, IQAC
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II

SUSTAINABILITY AND ENVIRONMENTAL AWARENESS

Department of Geology
in collaboration with IQAC
Govt. General Degree College Gopiballavpur-II, Jhargram

Resource Person

Dr. Anirban Mitra, K.J. S. College of Science and Commerce, Mumbai

Registration starts from: 16th January 2023

Last date for registration: 28th January 2023

Duration : 1st February to 9th February 2023

Venue: R. N. Tagor Hall, Govt. General Degree College Gopiballavpur-II

Contact: Partha Sarathi Mahato
Course Coordinator
HOD, Department of Geology



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Government General Degree College at Gopiballavpur-II

P. O. Beliaberah, Dist. Jhargram, Pin – 721517

Department of Geology

Collaboration with IQAC

Value added course: Sustainability and Environmental Awareness

Venue: R. N. Tagor Hall (1st Floor)

Date & time : 1st February to 9th February 2023

Registration: From 16th January 2023 to 28th January 2023

Course summary:

The "Sustainable Living and Environmental Awareness" value added course is a comprehensive eight-day program designed to equip participants with practical knowledge and skills to lead a more sustainable lifestyle. Organized by the Department of Geology in collaboration with the Internal Quality Assurance Cell (IQAC), this course covers essential topics related to sustainability, energy conservation, waste reduction, and community involvement.

Course Objectives:

- To understand the fundamental concepts of sustainability and environmental awareness.
- To explore practical techniques for reducing waste and conserving energy.
- To learn about sustainable food and water practices.
- To engage in community-based sustainability projects and advocacy.

Course Schedule:

Morning session: 8:00 am to 10:00 am

Evening session: 5:00pm to 7:00 pm

Day 1	01/02/2023	Tuesday	Morning Session	Evening session
Day 2	02/02/2023	Thursday	Morning Session	Evening session
Day 3	03/02/2023	Friday	Morning Session	Evening session
Day 4	04/02/2023	Saturday	Morning Session	Evening session
	05/02/2023	Sunday		
Day 5	06/02/2023	Monday	Morning Session	Evening session
Day 6	07/02/2023	Tuesday	Morning Session	Evening session
Day 7	08/02/2023	Wednesday	Morning Session	Evening session
Day 8	09/02/2023	Thursday	--	Evening session

Day 1: Introduction to Sustainability and Environmental Awareness

- **Morning:** Introduction to the course, key concepts of sustainability, and historical context.
- **Afternoon:** Overview of current environmental issues and challenges, documentary viewing, and group discussion.

Day 2: Sustainable Living Practices

- **Morning:** Strategies for reducing waste, workshop on DIY upcycling projects.
- **Afternoon:** Sustainable shopping and consumption habits, sustainable shopping challenge.

Day 3: Energy Conservation and Renewable Energy

- **Morning:** Energy conservation techniques, conducting an energy audit.
- **Afternoon:** Introduction to renewable energy sources, hands-on solar energy experiment.

Day 4: Sustainable Food and Water Practices

- **Morning:** Sustainable agriculture and food systems, plant-based cooking class.
- **Afternoon:** Water conservation techniques, calculating personal water footprints.

Day 5: Technology and Sustainability

- **Morning:** Lecture on sustainable technologies (e.g., electric vehicles, smart grids).
- **Afternoon:** Workshop on using technology to track and reduce personal carbon footprints.

Day 6: Community Engagement and Action Planning

- **Morning:** Role of community in sustainability, planning a community sustainability project.
- **Afternoon:** Advocacy and policy change, creating a personal sustainability action plan.

Day 7: Group discussion and evaluation

- **Morning:** Group discussion among participants, MCQ test
- **Afternoon:** Evaluation of answers, course experience and feedback

Day 8:

- **Afternoon:** Course wrap-up and certification ceremony.

Learning Outcomes:

By the end of the course, participants will:

- Have a thorough understanding of sustainability concepts and environmental issues.

- Be able to implement waste reduction and energy conservation techniques.
- Make informed choices about sustainable food and water consumption.
- Be equipped to advocate for sustainability in their communities.
- Develop and execute a personal action plan for sustainable living.

Course mode: Online and offline mixed mode

Recourse Persons:

Eminent resource persons with proficient in the specific field attached to different departments from different educational institute and this college will be present the programme to impart theoretical lecture sessions along with practical demonstrations on the specific subject.

Who Should Attend:

This course is open to all students, faculty, and staff members who are interested in learning about sustainability and making a positive impact on the environment.

Certification:

Participants will receive a certificate of completion at the end of the course, recognizing their commitment to sustainable living and environmental awareness.

Course Coordinator: Partha Sarathi Mahato, HOD, Department of Geology

Registration:

- **Registration date :** From 16th January 2023 to 28th January 2023
- **Registration mode:** Offline mode
- **Contact:** Partha Sarathi Mahato, HOD, Department of Geology

Speakers

Dr. Sujit Kisku	Department of Zoology	GGDC Gopiballavpur-II
Dr. Avik Roy	Department of Anthropology	GGDC Gopiballavpur-II
Dr. Sovan Chakraborty	Department of Anthropology	GGDC Gopiballavpur-II
Dr. Javed Iqbal	Department of Geology	GGDC Gopiballavpur-II
Mrs. Mitali Hansda	Department of Geology	GGDC Gopiballavpur-II
Mr. Partha Sarathi Mahato	Department of Geology	GGDC Gopiballavpur-II
Dr. SK Siraj Ali	Department of Anthropology	GGDC Gopiballavpur-II
Dr. Nandini Ganguly	Department of Anthropology	GGDC Gopiballavpur-II
Dr. Anirban Mitra	Department of Geology	K.J. S. College of Science and Commerce, Mumbai



GOVERNMENT OF WEST BENGAL

Government General Degree College at Gopiballavpur-II

P. O. Beliaberah, Dist. Jhargram, Pin – 721517

The Department of Geology, in collaboration with the Internal Quality Assurance Cell (IQAC), is organizing a **Sustainable Living and Environmental Awareness** value added course. This engaging and practical course will provide valuable insights into sustainability practices and environmental stewardship.

Who Should Attend:

This value added course is open to all students, faculty, and staff members who are interested in learning about sustainability and making a positive impact on the environment.

Certification:

Participants will receive a certificate of completion at the end of the course, recognizing their commitment to sustainable living and environmental awareness.

Course Coordinator: Partha Sarathi Mahato, HOD, Department of Geology

Registration: Free

- **Deadline:** 28th January 2023
- **Registration:** Offline mode
- **Contact:** Partha Sarathi Mahato, HOD, Department of Geology

Course Details:

Day 1 : Introduction to Sustainability and Environmental Awareness
[01/02/2023]

Morning Session: Understanding Sustainability

- **Welcome and Course Overview** (30 minutes)
 - Inauguration by OIC
 - Introduction to the course objectives and structure
 - Principal's message
 - Importance of sustainability in today's world
- **Lecture: What is Sustainability?** (1 hour)
 - Definition and key concepts (Triple Bottom Line: People, Planet, Profit)
 - Historical context and evolution of sustainability
- **Activity: Sustainability Icebreaker** (30 minutes)
 - Group activity to identify sustainable practices in daily life

Afternoon Session: Environmental Issues and Challenges

- **Lecture: Current Environmental Issues** (1 hour)
 - Climate change, pollution, deforestation, loss of biodiversity
 - Impact on ecosystems and human health
- **Documentary Viewing and Discussion** (1 hour)
 - Screening of a documentary (e.g., "Our Planet" or "An Inconvenient Truth")
 - Group discussion on key takeaways and personal reflections

Day 2 : Sustainable Living Practices **[02/02/2023]**

Morning Session: Reducing Waste

- **Lecture: The 3 R's (Reduce, Reuse, Recycle)** (1 hour)
 - Practical tips for reducing waste at home and in college
- **Workshop: Upcycling Projects** (1 hour)
 - Hands-on activity to create useful items from recyclable materials
 - Examples: planters, reusable bags, home decor

Afternoon Session: Sustainable Consumption

- **Lecture: Sustainable Shopping and Consumption** (1 hour)
 - Understanding eco-labels and certifications (e.g., Fair Trade, Organic)
 - Choosing sustainable products and reducing consumption
- **Activity: Sustainable Shopping Challenge** (1 hour)
 - Group exercise to create a shopping guide with sustainable product choices

Day 3 :Energy Conservation and Renewable Energy **[03/02/2023]**

Morning Session: Energy Conservation

- **Lecture: Energy Use and Conservation** (1 hour)
 - Understanding energy consumption and carbon footprint
 - Tips for conserving energy at home and in college
- **Workshop: Energy Audit** (1 hour)
 - Conduct a simple energy audit of the college or a designated area
 - Identify areas for improvement and suggest energy-saving measures

Afternoon Session: Renewable Energy

- **Lecture: Introduction to Renewable Energy** (1 hour)
 - Types of renewable energy (solar, wind, hydro, geothermal)
 - Benefits and challenges of renewable energy sources
- **Activity: Solar Energy Experiment** (1 hour)
 - Hands-on experiment with small solar panels and devices
 - Demonstration of solar energy generation and usage

Day 4: Sustainable Food and Water Practices **[04/02/2023]**

Morning Session: Sustainable Food Choices

- **Lecture: Sustainable Agriculture and Food Systems** (1 hour)
 - Principles of sustainable agriculture and organic farming
 - Benefits of local and seasonal food
- **Workshop: Plant-Based Cooking Class** (1 hour)
 - Cooking demonstration and tasting of simple plant-based recipes
 - Discussion on the environmental impact of dietary choices

Afternoon Session: Water Conservation

- **Lecture: Water Use and Conservation** (1 hour)
 - Global water issues and the importance of water conservation
 - Practical tips for reducing water usage
- **Activity: Water Footprint Calculator** (1 hour)
 - Calculate personal water footprints using an online tool
 - Group discussion on ways to reduce water consumption

Day 5: Technology and Sustainability **[06/02/2023]**

- **Morning:**
 - Lecture on sustainable technologies (e.g., electric vehicles, smart grids). (1 hour)
 - Student interaction (1 hour)
- **Afternoon:**
 - Workshop on using technology to track (1hour)
 - Reduce personal carbon footprints. (1hour)

Day 6: Community Engagement and Action Planning **[07/02/2023]:**

Morning Session: Community Involvement

- **Lecture: Role of Community in Sustainability** (1 hour)
 - Importance of community involvement and collective action
 - Case studies of successful community sustainability projects
- **Workshop: Planning a Community Project** (1 hours)
 - Brainstorm and plan a small community sustainability project
 - Develop a project proposal and action plan

Afternoon Session: Action and Advocacy

- **Lecture: Advocacy and Policy Change** (1 hour)
 - How to advocate for environmental policies and practices
 - Tools for effective advocacy (social media, petitions, community meetings)
- **Activity: Personal Action Plan** (1 hour)

- Create a personal sustainability action plan
- Implementing sustainable practices in daily life


Day 7: Group discussion and evaluation
[08/02/2023]

- **Morning session:** Student interaction
 - Group discussion among participants (1 hour)
 - MCQ test (1 hour)
- **Afternoon:** Evaluation and Feedback
 - Evaluation of answers (30 minutes)
 - Course experience (1 hour)
 - Feedback (30 minutes)


Day 8: Course wrap up:
[09/02/2023]

- **Afternoon: Course Wrap-Up and Certification Ceremony** (2 hours)
 - Summary of key learnings
 - Principal speech
 - Award certificates of completion to participants

Join us from 1st February 2023 to 9th February 2023 for an enlightening and transformative experience in sustainable living and environmental awareness.


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Govt. General Degree College
Gopiballavpur-II

R. Chakraborty
CO-ORDINATOR, IQAC
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II

Lecture schedule

Day 1
01/02/2023

Morning Session -----

Inauguration	Dr. Sujit Kisku
Introduction to the course objectives and structure	Mr. Partha Sarathi Mahato
Principal's message	Dr. Sujit Kisku
Importance of sustainability in today's world	Mr. Partha Sarathi Mahato
Definition and key concepts (Triple Bottom Line: People, Planet, Profit)	Dr. Sovan Chakraborti
Historical context and evolution of sustainability	Dr. Avik Roy

Afternoon Session -----

Climate change, pollution, deforestation, loss of biodiversity	Dr. Javed Ikbal
Impact on ecosystems and human health	Dr. Nandini Ganguli

Day 2
02/02/2023

Morning Session -----

Practical tips for reducing waste at home and in college	Mr. Partha Sarathi Mahato
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Afternoon Session -----

Understanding eco-labels and certifications	Dr. Javed Ikbal
Choosing sustainable products and reducing consumption	Mrs. Mitali Hansda

Day 3
03/02/2023

Morning Session -----

Understanding energy consumption and carbon footprint	Dr. Anirban Mitra (online mode)
Tips for conserving energy at home and in college	Dr. SK Siraj Ali

Afternoon Session -----

Types of renewable energy (solar, wind, hydro, geothermal)	Mr. Partha Sarathi Mahato
Benefits and challenges of renewable energy sources	Dr. Javed Ikbal

Day 4
04/02/2023

Morning Session -----

Principles of sustainable agriculture and organic farming

Dr. Sujit Kisku

Benefits of local and seasonal food

Dr. Avik Roy

Afternoon Session -----

Global water issues and the importance of water conservation

Mr. Partha Sarathi Mahato

Practical tips for reducing water usage

Mrs. Mitali Hansda

Day 5
06/02/2023

Morning Session -----

Lecture on sustainable technologies

Dr. Avik Roy

Day 6
07/02/2023


Morning Session -----


Importance of community involvement and collective action


Dr. Anirban Mitra
(online mode)

Case studies of successful community sustainability projects

Mr. Partha Sarathi Mahato


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GOVT. GENERAL DEGREE COLLEGE
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Dept. of Geology
Govt. General Degree College
Gopiballavpur II



Government General Degree College Gopiballavpur-II

P O : Beliaberah, Dist: Jhargram, Pin: 721517

Department of Geology

Report on the 8-Day Course: Sustainable Living and Environmental Awareness

Date: 23/02/2023

Course Overview

The 8-day course on Sustainable Living and Environmental Awareness, held from 01/02/2023 to 09/02/2023, was designed to provide participants with a comprehensive understanding of sustainability and the importance of environmental stewardship. The course aimed to equip attendees with practical skills and knowledge to implement sustainable practices in their daily lives and communities. This report summarizes the course's key activities, learnings, and outcomes.

Course Objectives

The primary objectives of the course were:

- To introduce participants to the fundamental concepts of sustainability and environmental awareness.
- To explore and promote sustainable living practices, including waste reduction, energy conservation, and mindful consumption.
- To highlight the role of technology and community involvement in fostering sustainability.
- To empower participants with the tools and knowledge needed to advocate for environmental policies and practices.
- Course Content and Activities
- Introduction to Sustainability and Environmental Awareness
- The course began with an in-depth exploration of the concept of sustainability. Participants were introduced to the Triple Bottom Line framework—People, Planet, Profit—and the historical evolution of sustainability. Lectures on current environmental issues such as climate change, pollution, and biodiversity loss highlighted the urgency of adopting sustainable practices. A documentary screening, followed by group discussions, helped participants reflect on the environmental challenges facing the world today.

Sustainable Living Practices

Emphasizing the importance of waste reduction, the course provided practical tips for incorporating the 3 R's—Reduce, Reuse, Recycle—into daily routines. Workshops on upcycling and sustainable shopping enabled participants to creatively repurpose

materials and make informed choices as consumers. Through interactive challenges, participants learned to identify and select eco-friendly products, fostering a culture of mindful consumption.

Energy Conservation and Renewable Energy

The course's focus on energy conservation underscored the significance of reducing energy consumption to mitigate climate change. Participants conducted an energy audit of a designated area, identifying opportunities for energy savings. The session on renewable energy introduced various sustainable energy sources, such as solar, wind, and hydroelectric power. Hands-on experiments with solar panels provided a practical understanding of renewable energy applications.

Sustainable Food and Water Practices

The course addressed the environmental impact of food and water usage by promoting sustainable agriculture and water conservation practices. Participants explored the benefits of organic farming and local food systems. A plant-based cooking class demonstrated the environmental advantages of a plant-based diet, while a water footprint calculator activity helped participants assess and reduce their water usage.

Technology and Sustainability

Participants examined the role of technology in advancing sustainability, with a particular focus on emerging technologies such as electric vehicles and smart grids. Workshops on using technology to track and reduce carbon footprints provided practical insights into how individuals can leverage technology for environmental benefit.

Community Engagement and Action Planning

The course emphasized the importance of community involvement in achieving sustainability goals. Through lectures and case studies, participants learned about successful community-led sustainability projects. Workshops facilitated the planning of small-scale community projects, encouraging participants to take collective action. The session on advocacy and policy change equipped attendees with the tools to effectively advocate for environmental policies and practices.

Evaluation and Group Discussion

The penultimate day of the course featured group discussions and an evaluation session. Participants engaged in collaborative discussions, sharing their insights and experiences from the course. An MCQ test was conducted to assess the participants' understanding of the key concepts covered throughout the course. Feedback was collected to gauge the participants' experience and identify areas for improvement.

Course Wrap-Up and Certification

The course concluded with a wrap-up session, summarizing the key learnings from the past eight days. The principal addressed the participants, emphasizing the importance of sustainability in today's world. The course culminated in a certification


ceremony, where participants were awarded certificates of completion, recognizing their commitment to sustainability.

Course Outcomes


The 8-day course successfully achieved its objectives, leaving participants with a deeper understanding of sustainability and the practical skills needed to implement sustainable practices. Participants reported a heightened awareness of environmental issues and expressed a strong commitment to applying the knowledge gained in their personal and professional lives. The course also fostered a sense of community among participants, encouraging collective action toward a more sustainable future.

Conclusion

The Sustainable Living and Environmental Awareness course provided a valuable platform for participants to learn, engage, and take action on critical environmental issues. By equipping individuals with the knowledge and tools to promote sustainability, the course contributed to the broader goal of creating a more sustainable and environmentally conscious society. The positive feedback from participants underscores the importance of continuing such educational initiatives to foster a culture of sustainability.


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Gopiballavpur-II

R. Chhabra
CO-ORDINATOR, IQAC
GOVT. GENERAL DEGREE COLLEGE
GOPIBALLAVPUR-II


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II



GOVERNMENT OF WEST BENGAL
Office of the Principal
Government General Degree College, Gopiballavpur-II

P. O. Beliaberah, Dist. Jhargram, Pin – 721517
Email: principal@ggdcgopi2.ac.in; Contact No. 03221-261263

Memo No. 31/VAC/23

Date 01/02/2023

To,
Partha Sarathi Mahato
Course coordinator
HOD, Department of Geology

Sub: Approval for VAC titled "*Sustainable Living and Environmental Awareness*"

Sir,

Your request for organizing an eight-day value added course titled "*Sustainable Living and Environmental Awareness*" scheduled from 12th February 2023 to 19th February 2023 in online and offline mix mode has been approved by the recommendation from IQAC.

01/02/2023
Officer-in-Charge,
Govt. General Degree College, Gopiballavpur-II,
Jhargram

OFFICER-IN-CHARGE
Govt. General Degree College
Gopiballavpur - II

Sustainable Living and Environmental Awareness

Attendance Record


Name of speakers:

Date: 01/02/2023

Dr. Sujit Kisku, Mr. Partha Sarathi Mahato, Dr. Sovan Chakraborti

Dr. Avik Roy, Dr. Javed Iqbal, Dr. Nandini Ganguli

Sl No	Name	Signature	Remarks (if any)
1	Anup Barik	Anup Barik	
2	Riya Rana	Riya Rana	
3	Labani Sen	Labani Sen	
4	Piu Das	Piu Das	
5	Pali Shit	Pali Shit	
6	Minati Bag	Minati Bag	
7	Rithika Dey	Rithika Dey	
8	Srihari Kamila	Srihari Kamila	
9	Mousumi Ghosh	Mousumi Ghosh	
10	Debika Das	Debika Das	
11	Shruti Shit	Shruti Shit	
12	Jaita Mudli	Jaita Mudli	
13	Jothika Dey	Jothika Dey	
14	Koyel Das	Koyel Das	
15	Rakhi Pradhan	Rakhi Pradhan	


Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness

Attendance Record


Name of speakers:

Date: 01/02/2023

Dr. Sujit Kisku, Mr. Partha Sarathi Mahato, Dr. Sovan Chakraborti

Dr. Avik Roy, Dr. Javed Iqbal, Dr. Nandini Ganguli

Sl No	Name	Signature	Remarks (if any)
1	Sagar Kamila	Sagar Kamila	
2	Tanushree Jana	Tanushree Jana	
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Head
Dept. of Geology
Govt. Gendrali Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness

Attendance Record

Name of speakers:

Date: 01/02/2023

Dr. Sujit Kisku, Mr. Partha Sarathi Mahato, Dr. Sovan Chakraborti

Dr. Avik Roy, Dr. Javed Iqbal, Dr. Nandini Ganguli

Sl No	Name	Signature	Remarks (if any)
1	Raman Ghosh	Raman Ghosh	
2	Malabika Munda	Malabika Munda	
3	Tanushree Pal	Tanushree Pal	
4	Saikat Shit	Saikat Shit	
5	Suryakanta Mantri	Suryakanta Mantri	
6	Trishna Bag	Trishna Bag	
7	Uma Parida	Uma Parida	
8	Somnath Panda	Somnath Panda	
9	Krishna Sen	Krishna Sen	
10	Shibshankar Rana	Shibshankar Rana	
11	Tanushree Dandapat	Tanushree Dandapat	
12	Rupali Bishal	Rupali Bishal	
13	Sangita Bhunia	Sangita Bhunia	
14	Arijit Patra	Arijit Patra	
15	Gouranga Bera	Gouranga Bera	

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Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:

Date:02/02/2023

Mr. Partha Sarathi Mahato, Dr. Javed Iqbal, Mrs. Mitali Hansda

Sl No	Name	Signature	Remarks (if any)
1	Sagar Kamila	Sagar Kamila	
2	Tanushree Jana	Tanushree Jana	
3	Raman Ghosh	Raman Ghosh	
4	Malabika Munda	Malabika Munda	
5	Tanushree Pal	Tanushree Pal	
6	Saikat Shit	Saikat Shit	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Krishna Sen	Krishna Sen	
12	Shibshankar Rana	Shibshankar Rana	
13	Tanushree Dandapat	Tanushree Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Sangita Bhunia	Sangita Bhunia	


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness


Attendance Record

Name of speakers:

Mr. Partha Sarathi Mahato, Dr. Javed Iqbal, Mrs. Mitali Hansda

Date: 02/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Arijit Patra	Arijit Patra	
2	Gouranga Bera	Gouranga Bera	
3	Anup Barik	Anup Barik	
4	Riya Rana	Riya Rana	
5	Labani Sen	Labani Sen	
6	Piu Das	Piu Das	
7	Pali Shit	Pali Shit	
8	Minati Bag	Minati Bag	
9	Rithika Dey	Rithika Dey	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Jaita Mudli	Jaita Mudli	
15	Jothika Dey	Jothika Dey	


Head
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Sustainable Living and Environmental Awareness


Attendance Record

Name of speakers:

Mr. Partha Sarathi Mahato, Dr. Javed Iqbal, Mrs. Mitali Hansda

Date:02/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Koyel Das	Koyel Das	
2	Rakhi Pradhan	Rakhi Pradhan	
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Dept. of Geology
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Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:

Dr. Anirban Mitra (online mode), Dr. SK Siraj Ali
Mr. Partha Sarathi Mahato, Dr. Javed Iqbal

Date:03/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Gouranga Bera	Gouranga Bera	
2	Anup Barik	Anup Barik	
3	Riya Rana	Riya Rana	
4	Labani Sen	Labani Sen	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Arijit Patra	Arijit Patra	
8	Minati Bag	Minati Bag	
9	Rithika Dey	Rithika Dey	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Jaita Mudli	Jaita Mudli	
15	Jothika Dey	Jothika Dey	


Head
Dept. of Geology
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Sustainable Living and Environmental Awareness

Attendance Record


Name of speakers:

Dr. Sujit Kisku, Dr. Avik Roy

Mr. Partha Sarathi Mahato, Mrs. Mitali Hansda

Date: 03/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Tanushree Jana	Tanushree Jana	
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Head
Dept. of Geology
Govt. General Degree College
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Sustainable Living and Environmental Awareness
Attendance Record


Name of speakers:

Dr. Sujit Kisku, Dr. Avik Roy

Mr. Partha Sarathi Mahato, Mrs. Mitali Hansda

Date: 03/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Rakhi Pradhan	Rakhi Pradhan	
2	Koyel Das	Koyel Das	
3	Raman Ghosh	Raman Ghosh	
4	Malabika Munda	Malabika Munda	
5	Tanushree Pal	Tanushree Pal	
6	Saikat Shit	Saikat Shit	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Krishna Sen	Krishna Sen	
12	Shibshankar Rana	Shibshankar Rana	
13	Tanushree Dandapat	Tanushi Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Sangita Bhunia	Sangita Bhunia	


Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness


Attendance Record

Name of speakers:

Dr. Avik Roy

Date:04/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Krishna Sen	Krishna Sen	
2	Sangita Bhunia	Sangita Bhunia	
3	Raman Ghosh	Raman Ghosh	
4	Malabika Munda	Malabika Munda	
5	Tanushree Pal	Tanushree Pal	
6	Rakhi Pradhan	Rakhi Pradhan	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Saikat Shit	Saikat Shit	
12	Shibshankar Rana	Shibshankar Rana	
13	Tanushree Dandapat	Tanushree Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Koyel Das	Koyel Das	


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness

Attendance Record

Name of speakers:
Dr. Avik Roy

Date:04/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Jothika Dey	Jothika Dey	
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Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness


Attendance Record

Name of speakers:

Dr. Avik Roy

Date:04/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Jaita Mudli	Jaita Mudli	
2	Tanushree Jana	Tanushree Jana	
3	Riya Rana	Riya Rana	
4	Anup Barik	Anup Barik	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Arijit Patra	Arijit Patra	
8	Minati Bag	Minati Bag	
9	Sagar Kamila	Sagar Kamila	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Labani Sen	Labani Sen	
15	Gouranga Bera	Gouranga Bera	


Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness
Attendance Record


Name of speakers:

Dr. Anirban Mitra (online mode)

Mr. Partha Sarathi Mahato

Date:06/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Shibshankar Rana	Shibshankar Rana	
2	Tanushree Jana	Tanushree Jana	
3	Riya Rana	Riya Rana	
4	Anup Barik	Anup Barik	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Arijit Patra	Arijit Patra	
8	Minati Bag	Minati Bag	
9	Raman Ghosh	Raman Ghosh	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Saikat Shit	Saikat Shit	
15	Gouranga Bera	Gouranga Bera	


Head
Dept. of Geology
Govt. Gandhi Degree College
Gopiballavpur, II

Coordinator

Sustainable Living and Environmental Awareness
Attendance Record


Name of speakers:

Dr. Anirban Mitra (online mode)

Mr. Partha Sarathi Mahato

Date:06/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Krishna Sen	Krishna Sen	
2	Sangita Bhunia	Sangita Bhunia	
3	Labani Sen	Labani Sen	
4	Malabika Munda	Malabika Munda	
5	Tanushree Pal	Tanushree Pal	
6	Rakhi Pradhan	Rakhi Pradhan	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Jaita Mudli	Jaita Mudli	
12	Sagar Kamila	Sagar Kamila	
13	Tanushree Dandapat	Tanushi Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Koyel Das	Koyel Das	


Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur, II
Coordinator

Sustainable Living and Environmental Awareness

Attendance Record


Name of speakers:

Dr. Anirban Mitra (online mode)

Mr. Partha Sarathi Mahato

Date:06/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Jothika Dey	Jothika Dey	
2			
3			
4			
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10			
11			
12			
13			
14			
15			

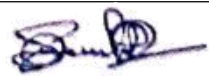

Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur, II
Coordinator

Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:
NA

Date:07/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Minati Bag	Minati Bag	
2	Tanushree Jana	Tanushree Jana	
3	Mousumi Ghosh	Mousumi Ghosh	
4	Anup Barik	Anup Barik	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Arijit Patra	Arijit Patra	
8	Gouranga Bera	Gouranga Bera	
9	Jothika Dey	Jothika Dey	
10	Srihari Kamila	Srihari Kamila	
11	Uma Parra	Uma Parra	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Labani Sen	Labani Sen	
15	Riya Rana	Riya Rana	



Head
Dept. of Geology
Govt. Gandhi Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:
NA

Date:07/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Sagar Kamila	Sagar Kamila	
2	Sangita Bhunia	Sangita Bhunia	
3	Raman Ghosh	Raman Ghosh	
4	Malabika Munda	Malabika Munda	
5	Tanushree Pal	Tanushree Pal	
6	Rakhi Pradhan	Rakhi Pradhan	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Krishna Sen	Krishna Sen	
10	Somnath Panda	Somnath Panda	
11	Saikat Shit	Saikat Shit	
12	Jaita Mudli	Jaita Mudli	
13	Tanushree Dandapat	Tanushree Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Koyel Das	Koyel Das	

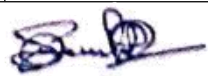

Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:
NA

Date:08/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Malabika Munda	Malabika Munda	
2	Tanushree Jana	Tanushree Jana	
3	Riya Rana	Riya Rana	
4	Anur Barik	Anur Barik	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Tanushree Pal	Tanushree Pal	
8	Minati Bag	Minati Bag	
9	Sagar Kamila	Sagar Kamila	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Koyel Das	Koyel Das	
15	Gouranga Bera	Gouranga Bera	



Head
Dept. of Geology
Govt. Gandhi Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:
NA

Date:08/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Jaita Mudli	Jaita Mudli	
2	Sangita Bhunia	Sangita Bhunia	
3	Raman Ghosh	Raman Ghosh	
4	Arijit Patra	Arijit Patra	
5	Labani Sen	Labani Sen	
6	Rakhi Pradhan	Rakhi Pradhan	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Saikat Shit	Saikat Shit	
12	Jothika Dey	Jothika Dey	
13	Tanushree Dandapat	Tanushree Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Krishna Sen	Krishna Sen	

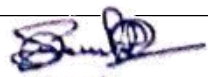

Head
Dept. of Geology
Govt. Gendral Degree College
Gopiballavpur II

Sustainable Living and Environmental Awareness
Attendance Record

Name of speakers:
NA

Date:09/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Jothika Dey	Jothika Dey	
2	Tejashree Jana	Tejashree Jana	
3	Riya Rana	Riya Rana	
4	Anup Barik	Anup Barik	
5	Piu Das	Piu Das	
6	Pali Shit	Pali Shit	
7	Arijit Patra	Arijit Patra	
8	Minati Bag	Minati Bag	
9	Jaita Mudli	Jaita Mudli	
10	Srihari Kamila	Srihari Kamila	
11	Mousumi Ghosh	Mousumi Ghosh	
12	Debika Das	Debika Das	
13	Shruti Shit	Shruti Shit	
14	Labani Sen	Labani Sen	
15	Gouranga Bera	Gouranga Bera	


Head
Dept. of Geology
Govt. Gendrali Ayazee College
Gopiballavpur, Jharkhand

Sustainable Living and Environmental Awareness


Attendance Record

Name of speakers:

NA

Date:09/02/2023

Sl No	Name	Signature	Remarks (if any)
1	Koyel Das	Koyel Das	
2	Sangita Bhunia	Sangita Bhunia	
3	Raman Ghosh	Raman Ghosh	
4	Sagar Kamila	Sagar Kamila	
5	Tanushree Pal	Tanushree Pal	
6	Rakhi Pradhan	Rakhi Pradhan	
7	Suryakanta Mantri	Suryakanta Mantri	
8	Trishna Bag	Trishna Bag	
9	Uma Parida	Uma Parida	
10	Somnath Panda	Somnath Panda	
11	Saikat Shit	Saikat Shit	
12	Malabika Munda	Malabika Munda	
13	Tanushree Dandapat	Tanushree Dandapat	
14	Rupali Bishal	Rupali Bishal	
15	Krishna Sen	Krishna Sen	


Head
Dept. of Geology
Govt. General Degree College
Gopiballavpur II

Course Content (syllabus):

Introduction to Sustainability and Environmental Awareness

1. Definition and Key Concepts:

1. Triple Bottom Line: People, Planet, Profit
2. Historical context and evolution of sustainability

2. Current Environmental Issues:

1. Climate change, pollution, deforestation, loss of biodiversity
2. Impact on ecosystems and human health

3. Documentary Viewing and Group Discussions:

1. Screening of documentaries such as "Our Planet" or "An Inconvenient Truth"

Sustainable Living Practices

4. Reducing Waste:

1. The 3 R's: Reduce, Reuse, Recycle
2. Practical tips for waste reduction at home and in the community

5. Sustainable Consumption:

1. Understanding eco-labels and certifications (e.g., Fair Trade, Organic)
2. Choosing sustainable products and reducing overall consumption

6. Workshops and Activities:

1. Upcycling projects
2. Sustainable shopping challenges

Energy Conservation and Renewable Energy

7. Energy Use and Conservation:

1. Understanding energy consumption and carbon footprint

2. Tips for conserving energy at home and in educational institutions

8. Renewable Energy:

1. Types of renewable energy: solar, wind, hydro, geothermal
2. Benefits and challenges of renewable energy sources

9. Practical Experiments:

1. Solar energy experiments
2. Energy audit of a designated area

Sustainable Food and Water Practices

10. Sustainable Agriculture and Food Systems:

1. Principles of sustainable agriculture and organic farming
2. Benefits of local and seasonal food

11. Water Conservation:

1. Global water issues and the importance of conservation
2. Practical tips for reducing water usage

12. Workshops:

1. Plant-based cooking class
2. Water footprint calculator activities

Technology and Sustainability

13. Sustainable Technologies:

1. Electric vehicles, smart grids, and other emerging technologies

14. Tracking and Reducing Carbon Footprints:

1. Using technology to monitor and reduce environmental impact

15. Interactive Sessions:

1. Practical activities to implement technology-based sustainability solutions

Community Engagement and Action Planning

16. Role of Community in Sustainability:

1. Importance of community involvement and collective action
2. Case studies of successful community sustainability projects

17. Advocacy and Policy Change:

1. How to advocate for environmental policies and practices
2. Tools for effective advocacy, including social media, petitions, and community meetings

18. Project Planning:

1. Developing a small community sustainability project with a detailed action plan

Evaluation and Group Discussion

19. Group Discussions:

1. Collaborative discussions on course topics and personal experiences

20. Evaluation:

1. MCQ test to assess understanding of key concepts

21. Feedback Collection:

1. Gathering participant feedback on the course content and experience