



कार्यालय, प्राचार्य स्व. राजा वीरेन्द्र बहादुर सिंह शासकीय महाविद्यालय सरायपाली  
जिला-महासमुंद (छ.ग.)

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सरायपाली दिनांक 30.01.2023

## // सूचना //

महाविद्यालय के समस्त नियमित विद्यार्थियों को सूचित किया जाता है की इस सत्र में दिनांक 01.02.2023 से 11.02.2023 तक कक्ष क्र. 17 में मूल्य संवर्धन पाठ्यक्रम (Value Added Course) "Effect of climate change on Ecosystem and Social life" पर आयोजित कि जायेगी।

अतः सभी विद्यार्थी कक्षाओं के व्हाट्सअप ग्रुप में प्रेषित गूगल फॉर्म में अपनी जानकारी दर्ज करेंगे। जिनके पास मोबाईल फोन नहीं है उनकी जानकारी का संधारण ऑफलाईन पंजी में किया जायेगा। इस पाठ्यक्रम में विविध गतिविधियों का आयोजन किया जायेगा। जिसमें विद्यार्थी उपस्थित रहेंगे।

प्राचार्य  
PRINCIPAL

Late Raja Virendra Bahadur Singh  
Govt. College Saraipali (C.G.)



**Lt. Raja Virendra Bahadur Singh**

**Govt. College Saraipali , Dist. Mahasamund (C.G.)**

**Present's**

**CERTIFICATE COURSE IN**

**“Effect of climate change on Ecosystem and Social life ”**

**Date : 01<sup>st</sup> Feb2023 to 11<sup>th</sup> Feb 2023 (Time-12:30PM to 03:30)**

**In Collaboration with IQAC ,**

**Department of Science (Botany, Zoology), Geography**

**Vasudha Eco Club, Fuljhar Nature Club &**

**Environmental Education**



**Patron**  
**PRINCIPAL**  
**Prof.P.K.Bhoi**  
**(English)**  
**Lt. R.V.B.S.College**  
**Saraipali**

**Our Key Speakers**



**Prof. Brijlal Patel**  
**Geography**  
**Govt Naveen College.**  
**PIRDA**



**Prof. Kiran Kumari**  
**Geography**  
**Dr.B.R. Ambedkar**  
**College BALODA**



**Prof. Jitesh Sahu**  
**BOTANY**  
**Govt Naveen College.**  
**PIRDA**



**Prof. Gitika Pradhan**  
**Zoology**  
**Let Pt. Jaydev Satpathi**  
**Govt. College BASNA**



**Prof. Sapna Pradhan**  
**Zoology**  
**Govt Naveen College.**  
**PIRDA**

**Program Organiser's**



**Prof. KhirSagar Patel**  
**IQAC Co- Ordinator**  
**(HOD Zoology)**  
**Lt. R.V.B.S.College Saraipali**



**Prof. Meghnath Sidar**  
**(HOD Geography)**  
**Lt. R.V.B.S.College Saraipali**



**Prof. Rajkishor Patel**  
**Naac incharge**  
**(HOD Maths)**  
**Lt. R.V.B.S.College Saraipali**



**Prof. Hemlata Patel**  
**Convener**  
**(HOD Economics)**  
**Lt. R.V.B.S.College Saraipali**



**Prof. Deepak Pareshwar**  
**Co- Convener**  
**(HOD Physics)**  
**Lt. R.V.B.S.College Saraipali**



**Prof. Rupendra Patel**  
**(Guest. Lecturer)**  
**Co- Convener (HOD Botany)**  
**Lt. R.V.B.S.College Saraipali**

## TIME TABLE –VALUE ADDED COURSE

| <b>DATE</b> | <b>FRIST PERIOD<br/>12:30 TO 1.15</b>   | <b>SECOND<br/>PERIOD 1:15<br/>TO 2:00</b>   | <b>3<sup>rd</sup> PERIOD<br/>2:00 TO 3:00<br/>Activity</b> |
|-------------|---|---|--|
| 01/02/2023  | Introduction to the Program By Prof. P.K. Bhoi (Principal)                                | Prof. Jitesh Sahu<br>Topic- Speech on Microorganism Plant , animal environment Relation | Brief Rally  |
| 02/02/2023  | Prof. Brijlal Patel<br>Topic -Role of Youth and educated person to prevent Global Warming | International Initiative  | Quiz Competition   |
| 03/02/2023  | Prof. Kiran Kumari<br>Topic – Global Warming  | National Initiative   | Essay Writing on climate change                            |
| 04/02/2023  | Prof. Hemlata Patel<br>Topic- Social Life   | Prof. Deepak Pareshwar<br>Topic- Importance of Environmental Education.                 | Students Lecture   |
| 06/02/2023  | Prof. Rupendra Patel  | Dr. Manoj Yadav<br>Topic- Modern  | Debate   |

|            |  |  |                      |
|------------|--|--|----------------------|
|            | Topic - General Introduction of Atmosphere Components of environment and environmental factors | Agriculture Practice                           |                      |
| 07/02/2023 | Prof. Sapna Pradhan<br>Topic – Biosphere, causes of climate change                             | Topic- Humanitarian impact on environment      | Poster Making        |
| 08/02/2023 | Prof. Gitika Pradhan<br>Topic- Effect of climate change  | Topic- Local level planning and implementation | Slogan               |
| 09/02/2023 | Prof. Rajkishor Patel<br>Topic- Plantation   | Topic- Modern agricultural Practices           | Field Visit          |
| 10/02/2023 | Prof. Khirsagar Patel<br>Topic - Ethical Point on environment Protection                       | Topic- Structure of Indian Society             | Videos Demonstration |
| 11/02/2023 | Prof. Meghnath Sidar<br>Topic - Ozone layer  | Summary  | Valediction          |



**About :**

Climate change is burning issues in present time. So we try to aware and sensitise our students about this. "SDG 13" Take urgent action to combat climate change and its impacts

**objective of program**

The goals of climate change adaptation are to reduce risk and vulnerability to climate change, strengthen resilience, enhance well-being and the capacity to anticipate, and respond successfully to change. The impacts of climate change affect people and nature in many different ways requiring different adaptation actions. The goals for these adaptation actions can relate to health, water or food security, jobs and employment, poverty eradication and social equity, biodiversity and ecosystem services at international, national, and local levels

Aim of certificate course - "1. To sensitise students." "2. Try to aware people

*The world has enough for everyone's need, but not enough for everyone's greed. "Mahatma Gandhi*

**Theme - " जय वसुन्धरा, जय सुभाषिनी, "**

# Late Raja Virendra Bahadur Singh Govt. College Saraipali

VALUE ADDED COURSE

DEPARTMENT OF SCIENCE (BOTANY, ZOOLOGY & ENVIRONMENTAL EDUCATION)

*"Effect of climate change on ecosystem and social life"*

## Unit-I ATMOSPHERIC COMPOSITION AND ENVIRONMENT

General introduction of Atmosphere components of environment and environmental factors, microorganism, plant, animal-environment relation. Humanitarian impact on environment.

## Unit-II CLIMATE CHANGE

Introduction to climate change, global warming, biosphere, causes of climate change, effect of climate change on ecosystem.

## Unit-III SOCIAL LIFE

Structure of Indian society, effect of climate on human life and livelihood, causes of migration in relation with climate change, effect of Indian economy.

## Unit- IV CONTROL MEASURES

Plantation, national initiative, international initiative, meetings, local level planning and implementation, way forward.

## Unit-V ROLE OF ENVIRONMENTAL EDUCATION

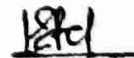
Ethical point on environment protection, role of youth and educated person to prevent global warming, modern agricultural practices.



CONVENOR  
MRS. HEMLATA PATEL  
(HOD, ECONOMICS &  
ENVIRONMENTAL  
EDUCATION)



DEPARTMENT OF  
BOTANY  
MR. RUPENDRA KUMAR  
PATEL



IQAC INCHARGE  
&  
HOD ZOOLOGY  
MR. K.S. PATEL

## Duration of the Programme:-

Total Duration of the course is 30 hours including both theory and Practical (Field Work)

### Assessment :-

The course shall have evaluated on base of Continuous evaluation of 100 marks based on student participation and response during the course. Evaluation criterial include regular participation of student in the programme, response of student during the programme and evaluation test conducted during the programme. Final Score for 100 Marks shall be calculated for the continuous evaluation and grade shall be awarded as per the grading system below.

| S. No. | Grade             | Grade Points | Absolute Marks |
|--------|-------------------|--------------|----------------|
| 1      | O (Outstanding)   | 10           | 90 and above   |
| 2      | A+ (Excellent)    | 9            | 80 to 89       |
| 3      | A (Very Good)     | 8            | 70 to 79       |
| 4      | B+ (Good)         | 7            | 60 to 69       |
| 5      | B (Above Average) | 6            | 50 to 59       |
| 6      | C (Average)       | 5            | 40 to 50       |
| 7      | F (Fail) –        | –            | Below 40       |

### Eligibility:-

All students of Graduation and post graduation classes.

### Certificate:-

Successful students will be awarded certificates issued by the college.