

**BHAWABHUTI MAHAVIDYALAYA AMGAON, DISTT - GONDIA**  
**Career Oriented Program (COP)**

The objective of COP is to introduce career and market oriented skills of students. It is a one year certificate course approved by R.T.M. Nagpur University, Nagpur (Void Letter No. BCUD/P/2009/282 dated 2nd Feb. 2009) bearing the name of R.T.M. Nagpur University Nagpur and Bhawabhuti Mahavidyalaya, Amgaon.

**Courses**

**Carbon Trading & Carbon Management**

**Intake Capacity : 25**

**Eligibility:** Student of First Year B.Sc.

In case of vacant seats students from Second year or Third Year B.Sc.

**Contact Person:** Dr. M. G. Awaley, Shri J. G. Nakade

**Fees :** First Year Science Student 500 /-,

Seconder Year Science Student 500 /-

Third Year Science Students 500 /-

# BHAWABHUTIMAHAVIDYALAYAAMGAON, DISTT - GONDIA

Career Oriented Program (COP) certificate course sponsored by UGC and approved by RTM Nagpur University

## SWOS Enalysis

Academic year	Plan	Execution report	Analysis	Action Taken
2017-18	To conduct UGC Sponsored career oriented programme entitled “ Carbon Trading and Carbon Management”	Total 100 periods of (60 minutes each) and 200 periods of (60 minutes each) of theory and Practical were conducted respectively.	18 students were admitted in the said course. Out of these 17 students completed this course successfully.	The students of B. Sc. First year were encouraged for taking admission in the said course. The students were informed about the significance and its utility in getting jobs in different organizations on the basis of this certificate course sponsored by UGC and approved by RTM Nagpur University
2018-19	To conduct UGC Sponsored career oriented programme entitled “ Carbon Trading and Carbon Management”	Total 100 periods of (60 minutes each) and 200 periods of (60 minutes each) of theory and Practical were conducted respectively.	19 students were admitted in the this course and all are successfully completed.	<ul style="list-style-type: none"> <li>● The students of B.Sc. First year were encouraged for taking admission in said course.</li> <li>● Students understand consequence of carbon emission</li> <li>● Students understand the mechanism of carbon Trading by example</li> <li>● Giving some Dissertation work on the basis of carbon Trading and carbon management.</li> </ul>
2019-20	To conduct UGC Sponsored career oriented programme entitled “ Carbon Trading and Carbon Management”	Total 100 periods of (60 minutes each) and 200 periods of (60 minutes each) of theory and Practical were conducted respectively.	14 students were admitted in the course and all are successfully completed.	<ul style="list-style-type: none"> <li>● The students of B.Sc. First year were encouraged for taking admission in said course.</li> <li>● Soil and water analysis done with the help of soil analysis kit</li> <li>● Working mechanism of Spectrophotometer and flame photometer were explain</li> <li>● Students understand consequence of carbon emission</li> <li>● Students understand the mechanism of carbon Trading by example</li> <li>● Giving some Dissertation work on the</li> </ul>

				basis of carbon Trading and carbon management.
2020-21	To conduct UGC Sponsored career oriented programme entitled “ Carbon Trading and Carbon Management”	Total 100 periods of (60 minutes each) and 200 periods of (60 minutes each) of theory and Practical were conducted respectively.	25students were admitted in the this course and all are successfully completed .	<ul style="list-style-type: none"> <li>● The students of B.Sc. First year were encouraged for taking admission in said course.</li> <li>● Students understand consequence of carbon emission</li> <li>● Students understand the mechanism of carbon Trading by example</li> <li>● Giving some Dissertation work on the basis of carbon Trading and carbon management.</li> <li>● Explain personal carbon trading with example</li> <li>● Explain Carbon tax and carbon credit</li> </ul>

FOR - REFERENCE

PROPOSAL

**SYLLABUS**

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**CERTIFICATE COURSE**

**IN**

**CARBON TRADING AND CARBON MANAGEMENT**

**(UNDER UGC CAREER ORIENTED PROGRAMME)**

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**Submitted to**

**B. C. U. D.**

**RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY,**

**NAGPUR**

**FOR**

**APPROVAL**



**BHAWABHUTI MAHAVIDYALAYA,**

**AMGAON,**

**DIST. GONDIA 441902 (M.S.)**

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**July 2015**

## CERTIFICATE COURSE IN CARBON TRADING AND CARBON MANAGEMENT

(UNDER U.G.C. SCHEM OF CAREER ORIENTED PROGRAMME AT

FIRST YEAR

UNDERGRADUATE LEVEL OF ANY FACULTY)

**ELIGIBILITY: SCIENCE SUBJECTS AT 12<sup>TH</sup> STANDARD LEVEL**

### ❖ **Summation regarding the Certificate Course in Carbon Trading and Carbon Management**

- The duration of the course shall be one Academic Year
- There will be ONE theory paper of 100 Marks of three hours duration , ONE practical examination based on the theory paper of 50 marks of Four hours duration and ONE dissertation of 50 marks
- The final assessment of the candidate is made in terms of written Theory, Practical and Dissertation.
- For theory, practical and Dissertation minimum passing mark is 40% separately and not less than 50% aggregate.
- Every student should attend field work for minimum of one week and submit field diary certified by Coordinator of the course.
- One visit to any one of the National Parks or Wildlife Sanctuaries listed in Table-1 is compulsory.
- An examinee who is failed in the Examination shall be eligible for admission to next year written and practical Examination on payment of fee prescribed for the examination.
- Successful examinee obtaining 60% or more marks in the aggregate at examination shall be placed in First Division and those obtaining less than 50% marks in the second division.
- A successful examinee shall receive joint Certificate with name of B. C. U. D. Director, Rashtrasant Tukdoji Maharaj Nagpur University and Principal, Bhawabhuti Mahavidyalaya, Amgaon.

Bhawabhuti Mahavidyalaya, Amgaon 1

  
Principal  
Bhawabhuti Mahavidyalaya  
Amgaon

## SYLLABUS

Unit – 1	(Introduction: Carbon Trading)	(25 Periods of 60 Min. each)
Unit – 1	(Introduction: Carbon Sequestration)	(25 Periods of 60 Min. each)
Unit – 1	(Perspective and issues)	(25 Periods of 60 Min. each)
Unit – 1	(Carbon Perspectives)	(25 Periods of 60 Min. each)
	Practical	(200 Periods of 60 Min. each)
	Field Work	(Minimum of two weeks)*
	Short Tour	(Minimum of two days)*
	Dissertation	(Minimum of 150 hours)*

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**Total:**

**450 Hours**

**(In words) :**

**Four hundred and fifty hours\*\***

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\* Field Work, Short Tour and Dissertation: Minimum hour has been mentioned, the proof of 450 hours will be certified by Coordinator only if the sum of the three equals 250 hours

\*\* Includes the hours spent by expertise from field/industry into domain of guest faculty and workshop conducted

**Details of Units:**

**SYLLABUS**

**Unit- I**

**Introduction: Carbon Trading**

- 1.1 Demystifying Carbon Trading : The Market based mechanism
- 1.2 An Insight into Carbon Trading: Understanding the behavior of emission market with financial perspectives.
- 1.3 Carbon Credits: An Introduction; Getting Carbon offshoot Right: A Business brief on engaging offset providers
- 1.4 Carbon Trading : Theory and practice

**Unit-II**

**Introduction: Carbon Sequestration**

- 2.1 Introduction
- 2.2 Terrestrial Carbon Sequestration
- 2.3 Aquatic Carbon Sequestration
- 2.4 Carbon Sequestration potential in reclaimed mine soils

**Unit-III**

**Perspectives and Issues**

- 3.1 Carbon Credits price dynamics in evolving carbon markets
- 3.2 The value of Carbon credits
- 3.3 Carbon funds, Personal Carbon trading : the idea, its development and design
- 3.4 Emission trading versus CO2 taxes



Visit to one of the following centers:-

Sr. No.	National Park/Wildlife Sanctuary
1	Nagzira
2	Navegaonbandh
3	Pench
4	Tadoba
5	Melghat
6	Kanha

**Scheme of Examination  
(Distribution of Marks)**

1. Theory:	One theory paper of 100 Marks
2. Practical:	One practical of 50 Marks
3. Dissertation :	50 Marks
<b>Total Marks:</b>	<b>200</b>

**PRACTICALS**

1. Minor Experiment (Sec. A)	08 Marks
2. Minor Experiment (Sec. B)	08 Marks
3. Minor Experiment (Sec. C)	12 Marks
4. Spotting	06 Marks
5. Practical Record	05 Marks
6. Field Diary and Tour Report	06 Marks
7. Viva-voce Examination	05 Marks

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**Total      50 Marks**

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Bhawabhuti Mahavidyalaya, Amgaon 5

  
Principal  
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