

**Admissions are Open for Diploma Course in Soil Conservation & Water Management organized by the Department of Botany**

- I. Name of the Course:** 'Soil Conservation & Water Management'
- II. Duration:** 6 months
- III. Course Coordinator:** Dr. M. S. Patbage (Ghurde)
- IV. Eligibility:** Students admitted to UG/PG programme.
- V. Intake capacity:** 40 (First Come First Service)
- VI. Contact Hours:** 90 hrs.
- VII. Registration fee:** Rs. 250/-

**I. Course Contents:**

**Theory:** 60hrs (12hrs/Unit)

**Unit-I:** Natural Resources: Concept, Examples with significance, different natural resources - Soil and Water. Soil: Process of formation, soil composition, soil profile. Water: Distribution of water, Hydrological cycle.

**Unit-II:** Degradation of soil: Soil erosion, Types, Causes of erosion, Soil pollution: causes & consequences; Control measures.

**Unit-III:** Soil Conservation: Concept and importance, factors determining the fertility and productivity Soils. Methods of soil conservation.

**Unit-IV:** Water Resources: Properties of water (Physical & Chemical), Water Pollution: Sources and Control.

**Unit-V:** Water Management: Need of Water Management, Problems of Water Resources Management: Floods, Drought, Methods of Water Management.

**Scheme of Examination**

**Theory**

- I. There shall be one compulsory Theory paper of 3hrs duration and Practical examination of extending for 4 hours.
- II. There shall be a paper of 100 marks (out of which 80 marks will be for written examination and 20 marks for internal assessment) and Practical examination of 50 marks.

I. Paper	Marks
a. Theory	- 80
b. Internal assessment	- 20
II. Practical	- 50

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**Total      150 marks**

III) Internal Assessment (Distribution of 20 marks)

- Field Trip-10
- Seminar Presentation/Project-10

IV) The passing percentage shall be 40%

**Practical Examination**

Three practical (each 10 marks)	30 marks
Viva-voce	10 marks
Record Book	10 marks
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Total 50 marks	

**Pattern of question paper**

**Distribution of marks**

**Vidya Bharati Mahavidyalaya, Amravati**

Diploma Course in Soil Conservation & Water Management

Time: 3hrs

Max. Marks: 80

Que.1 There shall be the Short notes, Long Answer Questions, MCQs based on Unit I/II/III/IV/V. Each will carry 16 marks

**VIDYA BHARATI MAHAVIDYALAYA, AMRAVATI**

**C.K. Naidu Road, Camp, Amravati- 444602**

**DEPARTMENT OF BOTANY**

**DIPLOMA COURSE IN SOIL CONSERVATION & WATER MANAGEMENT.**

**APPLICATION FORM**

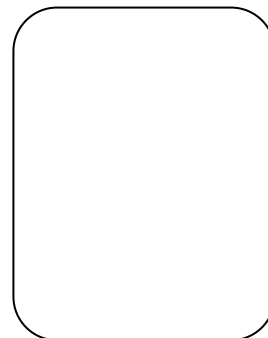
**(Academic Year 2019-20)**

**{A Part: 1<sup>st</sup> August 2019 to End of October}**

**Duration: 6 months**

**{B Part: 1<sup>st</sup> January 2020 to End of March}**

1. Student ID:- \_\_\_\_\_
2. Class:- \_\_\_\_\_
3. Name of the Student: \_\_\_\_\_
4. Name of Father/Guardian:- \_\_\_\_\_
5. Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
6. Email ID: \_\_\_\_\_
7. Aadhar No: \_\_\_\_\_
8. Contact No: \_\_\_\_\_
9. Religion: \_\_\_\_\_ Cast: \_\_\_\_\_ Category: \_\_\_\_\_
10. Date of Birth: \_\_\_\_\_



**Signature of Applicant**