



Nutan Vidyalaya Sevabhavi Education Society, Umri

**LATE BABASAHEB DESHMUKH GORTHEKAR MAHAVIDYALAYA,
UMRI**

Dist. Nanded, (Maharashtra)-431807

(Arts, Commerce & Science)

(Affiliated to Swami Ramanand Teerth Marathwada University, Nanded)

(A UGC 2(F) & 12(B) Recognized)

Department Of Botany

Certificate course in Biofertilizers: Vermicomposting

- Level: Certificate
- Stream: Science or any stream
- Subject: Bio fertilizers: Vermicomposting

Aims& Objective:

1. Students will be able to compost in a limited space and describe the decomposing Process.
2. The interested students will get the knowledge of composting.
3. Students will get the employment.
4. They can generate employments.
5. They will also turn towards organic farming.
6. Will help to maintain the environment pollution free and.
7. Will get the knowledge of biodiversity of local earthworms.

Selection /Admission Criteria: First come first serve.

Duration of course:

The duration of a course shall be of a seven weeks. (32 Contact hours) Each week shall consist of 4 theory lectures and 2 Practical's (2 contact hours-1 practical) of practical work.

Eligibility of course:

Any candidate who admitted in B.Sc./B.A./B.Com., courses will be eligible for the admission to the certificate course in Vermicompost.

Medium of instruction and structure of Examination:

- a) Medium of the instructions at the certificate course will be in English and question paper will also set in English.
- b) The candidate appearing for the certificate course examination will be of 100 Marks consisting two parts.

Part-I Theory (50 Marks)

Part-II Practical work (50 Marks)

Paper	Name of Subject	Teaching hours	Maximum marks allotted	Passing
Paper-I	Theory	16	50	20
Paper-II	Practical	16	50	20

Eligibility for appearing at certificate course in Examination:

Student teachers should keep the terms with at least 75% attendance. He/ She should complete all the practical and other work expected in all parts of the syllabus.

Standard of Passing:

1. Students have to obtain 40% of marks in theory paper part-I
2. Students have to obtain 40% of marks in practical examination separately in Part-II
3. Students have to obtain 40% aggregate marks together in Part-I and Part-II

Awards of Graded :

Class will be awarded to the students at the end of the course on the basis of aggregate marks obtained by Him / Her in each part separately.

Sr.No.	Grade	Part-I	Part-II
01	A ⁺	70% Above	70% Above
02	A	In between 61% to 70%	In between 61% to 70%
03	B ⁺	In between 56% to 60%	In between 56% to 60%
04	B	In between 51% to 55%	In between 51% to 55%
05	C	In between 40% to 50%	In between 40% to 50%

Syllabus**Certificate course in biofertilizers: Vermicomposting****Period-32****Mark-100****(Period-16)****Paper I- Theory****(Marks-50)****Unit-I**

1.1	Vermicomposting : Introduction and Scope	02
1.2	Objectives of Vermicompost	02
1.3	Vermicompost Production : Establishment of Vermicomposting and Vermiwash unit	02
1.4	Harvesting the Compost	02

Unit-II

2.1	Storing and packing of vermicompost	02
2.2	Precautions while Vermicomposting	02
3.4	Nutrient content of vermicompost and their role in agriculture	02
3.5	Benefits of vermicompost	02

(Period-16)**Paper I- Practical****(Marks-50)**

•	Establishment of vermicomposting unit Pit method	04
•	Establishment of vermicomposting unit Bed method	04
•	Establishment of vermiwash unit	04
•	Vermicompost production, harvesting and packaging.	04