

SGVC VIDYA PRASARAK TRUST'S

M.G.V.C. ARTS, COMMERCE AND SCIENCE COLLEGE,

VIJAYAPUR ROAD, MUDDEBIHAL - 586212, KARNATAKA

(Re -Accredited with 'B+' Grade by NAAC in the 3rd Cycle)

**IQAC - INITIATIVE IN ASSOCIATION WITH
DEPARTMENT OF ZOOLOGY**

Certificate Course in Vermiculture

**Certificate Course in Vermiculture for B.Sc Final Year
Students**

2025-26

From: 23-10-2025 to 25-11-2025





S. G. V. C. Vidya Prasarak Trust's,
**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)
(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎ : 08356220329
FAX : 08356220329

• email : princmgvc@gmail.com • www.mgvcmbl.in •

Ref. No. :

Date :

To,
The Principal,
M.G.V.C. College, Muddebihal

Date: 16-10-2025

Sub: - Regarding request for permission to conduct certificate course.....

Respected Sir,

Our Zoology department is interested to conduct a Certificate Course in Vermiculture for BSc final year students of the academic year 2025-26. So the course will be helpful to the students for self employment. I hereby earnestly request you to grant your kind permission to make the certificate course successful. Your kind co-operation and guidance will be quite helpful to the students in acquiring the academic excellence. I strongly believe that you will oblige.

Thanking you,

Yours faithfully

From,

Prof. K.G. Hiremath
H.O.D
Department of Zoology
M.G.V.C.College
Muddebihal



S. G. V. C. Vidya Prasarak Trust's,

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☎ : 08356220329

FAX : 08356220329



• email : princmgvc@gmail.com • www.mgvcmbi.in •

Ref. No. :

Date : 17.10.2025

Permission letter

Dear Colleague,

Iam pleased to know through your request letter that you are going to conduct a Certificate Course in Vermiculture for BSc final year students for the year 2025-26.

You are hereby granted permission for the same. I wish you
The entire Certificate Course will be quite successful.

Date: 17-10-2025


PRINCIPAL,

.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212, Dist: Vijayapur



M.G.V.C.College Muddebihal

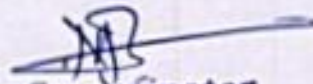
Vijayapur District, Karnataka State

Certificate Course in Vermiculture for BSc-VIth Semester students

Board of studies 2025-26

Members of BOS

1. Shri. S.N.Poleshi
Principal
2. Prof.K.G. Hiremath
Head of the Dept of Zoology
3. Smt. S.L. Madiwalar
Lecturer


Co-ordinator,

Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur,



PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
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Ref. No. :

Date : 17.10.2025

To,
Head of the Department of Zoology
MGVC Collage Muddebihal

Sub: Regrding Certificate Course in Vermiculture

With reference to your letter starting of Certificate Course in Vermiculture under the supervision of your department I am happy to say that the management is permitted to start Certificate Course in Vermiculture during the year 2025-26. Guest lectures will be paid if assigned to teach and other expenditures will be barred by the management.

Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

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Ref. No. :To,.....

Date : 18.10.25

Prof. K.G.Hiremath
Associate Professor
MGVC College Muddebihal

Sub: Regarding appointment as member for Certificate Course

Respected Sir/Madam,

We are happy to say that you have been appointed as member of Board of Studies in Certificate Course of Vermiculture during the year the year of 2025-26. The BOS meeting will be held on 18.10.2025 at department of Zoology to formulate the syllabus and pattern of course structure.

Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.

PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDABIHAL-586212. Dist. Vijayapur (Karnataka)

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Ref. No. :

Date : 18.10.2025

To,
Prof. S.L.Madiwalar
Assistant Professor
MGVC College Muddebihal

Sub: Regarding appointment as member for Certificate Course

Respected Sir/Madam,

We are happy to say that you have been appointed as member of Board of Studies in Certificate Course of Vermiculture during the year the year of 2025-26. The BOS meeting will be held on 18.10.2025 at department of Zoology to formulate the syllabus and pattern of course structure.

Co-ordinator,

Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDABIHAL-586212. Dist: Vijayapur.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College
MUDDABIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

**Matoshri Gangamma Veerappa Chiniwar
Arts, Commerce & Science College,**

MUDDEBIHAL-586212. Dist. Vijayapur (Karnataka)

(Accredited with CGPA of 3.31 on seven point scale at 'A+' Grade)

☎: 08358220329

FAX: 08358220329

• email : princmgvc@gmail.com • www.mgvcmb.in •

Ref. No. :

Date : 17.10.2025

NOTICE

The Department of Zoology is going to conduct Certificate course in Vermiculture from 23.10.2025 to 25.11.2025. So the students of BSc those who have registered their names are hereby informed to attend the course.

Date: 17.10.2025



M.G.V.C.College Muddebihal

Vijayapur District, Karnataka State

Certificate Course for BSc- Final year students,2025-26

Syllabus

Course Subject: Vermiculture

Units	Syllabus
Theory	
Unit - I	Vermiculture-Introduction and Earthworm nature's ploughman and agro-industry.
Unit - II	Vermiculture-Rearing of Earthworms. Vermicompost and Groups of Earthworms.
Unit - III	Types of Earthworms, and species.
Practical	
Unit - I	Preparation of organic manure, materials required for the preparation and Equipments required
Unit - II	Food for earthworms, sources of food etc.
Unit - III	Collecting the Vermicompost-process and procedure.

Co-ordinator,

Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDEBIHAL-586212. Dist: Vijayapur.

PRINCIPAL,

M.G.V.C. Arts, Commerce & Science College

MUDDEBIHAL-586212. Dist: Vijayapur.



S. G. V. C. Vidya Prasarak Trust's,

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Ref. No. :

Report on

Date :

Certificate Course in Vermiculture

In competitive world and increased population, the unemployment problem is increasing day by day. To get self employment, the department planned to conduct certificate course in Vermiculture, which is a part of Applied Zoology to the final year students. The students were interested in learning programme. The Vermiculture is also part of the University curriculum, so it becomes somewhat easy to learn for the students.

We framed BoS members for the development curriculum for the certificate course. We conducted BoS meeting in our college to frame the curriculum for Vermiculture certificate course. We prepared syllabi of theory and practical and the curriculum of 32 hours from 23.10.2025 to 25.10.2025. The principal has given permission to conduct the certificate course. The board of studies (BoS) includes three members, Prof.S.N.Poleshi, principal, Prof.K.g.Hiremath and Prof.S.L.Madiwalar. Total 21 students were registered for the certificate course out of 28. The students shared their experience that they got complete knowledge with satisfaction and shown interest in raring of Earth worms for vermicompost. After completion of the course certificates were distributed to the students.


Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.


PRINCIPAL,
M.G.V.C. Arts, Commerce & Science College
MUDEBIHAL-586212. Dist: Vijayapur.



Eisenia fetida (Earth worm)

Raw materials			
			
Earthworm			

Requirements for the preparation of vermicompost


Co-ordinator,


PRINCIPAL,



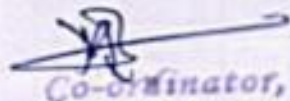
Earth worm rearing pits



Vermicompost with worms



Vermicompost


Co-ordinator,

Internal Quality Assurance Cell
I.G.V.C. Arts, Commerce & Science College
MUDDERIHAI-596212 Dist: Vijayapur.


PRINCIPAL,

I.G.V.C. Arts, Commerce & Science College
MUDDERIHAI-596212. Dist: Vijayapur.



Name of the Student	Date/ Time 21.11.25	Date/ Time 22.11.25	Date/ Time 23.11.25		Date/ Time 24.11.25	Date/ Time 25.11.25
	2.30pm to 3.30pm	2.30pm to 3.30pm	2.30pm to 3.30pm	2.30pm to 3.30pm	2.30pm to 3.30pm	2.30pm to 3.30pm
Hasinabanu.K.Awati	Haseena	Haseena	Haseena	Haseena	Haseena	Haseena
Sharanyalata.M	Se	Se	Se	Se	Se	Se
Pavitra						
Ashwini.H.Hugar	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini	Ashwini
Rakshita.Harijan	R	R	R	R	R	R
Shruti.S.Navi	S	S	S	S	S	S
Ambika..Kodekall						
Rajashree.S.Yalawar	R	R	R	R	R	R
Sumati.T.Ingalageri	S	S	S	S	S	S
Soumya.S.Hiremani	Soumya	Soumya	Soumya	Soumya	Soumya	Soumya
Bhagya.D.Hachadad	B	B	B	B	B	B
Chaitra.Lingadalli	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra	Chaitra
Goutam.Chavan	Goutam	Goutam	Goutam	Goutam	Goutam	Goutam
Seema.Kongandi	S	S	S	S	S	S
Riyana.Tahasildar	R	R	R	R	R	R
Vikas.Lingadalli						
Ummeshifa.H.Lahori	Ummeshifa	Ummeshifa	Ummeshifa	Ummeshifa	Ummeshifa	Ummeshifa
Vishal.Lamani	V	V	V	V	V	V
Jayashree	J	J	J	J	J	J
Humerabegum Dhakani	Humerabegum	Humerabegum	Humerabegum	Humerabegum	Humerabegum	Humerabegum
Bhagyashree Desai	B	B	B	B	B	B

Co-ordinator,
Internal Quality Assurance Cell
M.G.V.C. Arts, Commerce & Science College
MUDDEBHAL-586212. Dist: Vijayapur.

PRINCIPAL,
M.G.V.C. Arts, Commerce & Science
MUDDEBHAL-586212. Dist: Vijayapur.

M.G.V.C.ARTS, COMMERCE & SCIENCE COLLEGE MUDDEBIHAL

DEPARTMENT OF ZOOLOGY

QUESTION PAPER FOR CERTIFICATE COURSE TEST - 2025-2026

Time: 12.30pm to 1.00pm

Date: 27/11/2025

1. Which of the following chemicals is used for protecting vermi-bed from ants?

- (a) DDT
- (b) Griseofulvin
- (c) Chloramphenicol
- (d) Chlorpyriophosphate

Ans. (d) Chlorpyriophosphate.

2. Which of the following is a commonly used earthworm species for the vermicomposting process?

- (a) Eisenia fetida
- (b) Perionix excavatus
- (c) Both (a) and (b)
- (d) None of the above

Ans. (c) Both (a) and (b).

3. The highly decomposed organic matter rich in minerals like nitrogen, phosphorus, and potassium, in particular, produced from the activity of earthworms is called _____.

- (a) Humus
- (b) Vermicompost
- (c) Worm casting
- (d) Compost bedding

Ans. (b) Vermicompost.

4. Vermicompost is used as a biofertilizer because it is rich in _____.

- (a) Calcium
- (b) Nitrogen
- (c) Phosphorus
- (d) All of the above

Ans. (d) All of the above.

5. Which of the following is true about vermicomposting?

- (a) Composting using rats
- (b) Composting using birds
- (c) Composting using worms
- (d) All of the above

Ans. (c) Composting using worms.

6. Which of the following is true about vermicompost?

- (a) Vermicompost is red in colour
- (b) Vermicompost is black in colour
- (c) Vermicompost is white in colour
- (d) Vermicompost is brown in colour

Ans. (d) Vermicompost is brown in colour.

7. Which of the following are the best worms used for composting?

- (a) Maggots
- (b) Pink worms
- (c) Red wigglers
- (d) All of the above

Ans. (c) Red wigglers.

8. The moisture level required for vermicomposting should be between _____.

- (a) Below 30 per cent
- (b) 40 and 50 per cent
- (c) 70 and 80 per cent
- (d) Above 90 per cent

Ans. (c) 70 and 80 per cent.

9. The maximum temperature required for vermicomposting is_____.

(a) 20C to 25C

(b) 25C to 30C

(c) 30C to 35C

(d) 35C to 40C

Ans. (c) 30C to 35C.

10. Which of the following procedures are used by the farmers to multiply the earthworms?

(a) By adding cow dung

(b) By adding plant materials

(c) By mixing more amount of biodegradable wastes

(d) All of the above

Ans. (d) All of the above.



S. G. V. C. Vidya Prasarak Trust's

**MATOSHRI GANGAMMA VEERAPPA CHINIWAR
ARTS, COMMERCE AND SCIENCE COLLEGE, MUDDEBIHAL.
DEPARTMENT OF ZOOLOGY**

Certificate Course on Vermiculture

ATTENDANCE REPORT FOR TEST- 2025-26

Date: 26.11.2025

Time: 12.30pm

SLNo	Register No	Name of the Student	Signature
1.	U15NU23S0007	Hasinabanu.K.Awati	Hasinabanu
2.	U15NU23S0014	Sharanyalata.M	Sharanyalata
3.	U15NU23S0019	Pavitra	
4.	U15NU23S0023	Ashwini.H.Hugar	Ashwini
5.	U15NU23S0024	Rakshita.Harijan	Rakshita
6.	U15NU23S0029	Shruti.S.Navi	Shruti
7.	U15NU23S0031	Ambika..Kodekall	Ambika
8.	U15NU23S0035	Rajashree.S.Yalawar	Rajashree
9.	U15NU23S0036	Sumati.T.Ingalageri	Sumati
10.	U15NU23S0039	Soumya.S.Hiremani	Soumya
11.	U15NU23S0042	Bhagya.D.Hachadad	Bhagya
12.	U15NU23S0057	Chaitra.Lingadalli	Chaitra
13.	U15NU23S0059	Goutam.Chavan	Goutam
14.	U15NU23S0064	Seema.Kongandi	Seema
15.	U15NU23S0072	Riyana.Tahasildar	
16.	U15NU23S0083	Vikas.Lingadalli	
17.	U15NU23S0086	Ummeshifa.H.Lahori	
18.	U15NU23S0087	Vishal.Lamani	
19.	U15NU23S0093	Jayashree	
20.	U15NU23S0096	Humerabegum Dhakani	Humerabegum
21.	U15NU23S0101	Bhagyashree Desai	Bhagyashree

Reg. no :- U15NU2350093

Name :- Jayashree. M. Satya

① Which of the following chemicals is used for protecting Vermicompost bed from ants?

- a) DDT
- b) Cyfluthrin
- c) Chloramphenicol
- d) Chlorpyrifos

→ Chlorpyrifos

② Which of the following is a commonly used earthworm species for the vermicomposting process?

- a) *Eisenia fetida*
- b) *Perionix excavatus*
- c) Both (a) & (b)
- d) none of the above.

→ Both (a) and (b)

③ The highly decomposed organic matter rich in minerals like nitrogen, phosphorus, and potassium, in particular, produced from the activity of earthworms is called _____

- a) Humus
- b) Vermicompost
- c) Worm casting
- d) Compost bedding

→ Vermicompost.

4) Vermicompost is used as a biofertilizer because it is rich in

- a) Calcium
- b) Nitrogen
- c) Phosphorus
- d) All of the above

→ All of the above.

5) Which of the following is true about Vermicomposting?

- a) Composting using rats
- b) Composting using birds
- c) Composting using worms
- d) All of the above.

→ Composting using worms

6) Which of the following is true about Vermicompost?

- a) Vermicompost is red in colour
- b) Vermicompost is black in colour
- c) Vermicompost is brown in colour
- d) Vermicompost is white in colour

→ Vermicompost is brown in colour.

7) Which of the following are the best worms used for composting?

- a) Maggots
- b) Pink worms
- c) Red wigglers
- d) All of the above

→ Red wigglers.

8) The moisture level required for vermicomposting should be between —

- a) Below 30 per cent
- b) 40 and 50 per cent
- c) 70 and 80 per cent
- d) above 90 per cent

→ 70 and 80 per cent.

9) The maximum temperature required for vermicomposting is —

- a) 20 C to 25 C
- b) 25 C to 30 C
- c) 30 C to 35 C
- d) 35 C to 40 C

→ 30 C to 35 C

10) Which of the following procedures are used by the farmers to multiply the earthworms?

- a) By adding cow dung
- b) By adding plant materials
- c) By mixing more amount of biodegradable wastes
- d) All of the above

→ All of the above

Department of Zoology

Reg No :- U15NU2350101

Name :- Bhagyashree. Desai

- 1) Which of the following chemicals is used to protecting vermi-bed from ants
- a) DDT
 - b) Imidaclopridin
 - c) Chloramphenicol
 - d) Chlorpyrifos phosphate
- d) Chlorpyrifos phosphate
- 2) Which of the following is a commonly used earthworm species for the vermicomposting process?
- a) *Eisenia fetida*
 - b) *Perionix exaratus*
 - c) Both (a) and (b)
 - d) None of the above.
- c) Both (a) and (b)
- 3) The highly decomposed organic matter rich in minerals like nitrogen, phosphorus and potassium, in particular produced from the activity of earthworms is called
- a) Humus
 - b) vermicompost
 - c) worm casting
 - d) compost bedding.
- b) vermicompost.
- 4) Vermicompost is used as a biofertilizer because it is rich
- a) calcium
 - b) Nitrogen
 - c) Phosphorus
 - d) All of the above
- d) All of the above

- 5) Which of the following is true about vermicomposting?
- a) Composting using rats
 - b) Composting using birds
 - c) Composting using worms
 - d) All of the above.
- c) Composting using worms.

- 6) Which of the following is true about vermicompost.
- a) Vermicompost is red in colour
 - b) Vermicompost is black in colour
 - c) Vermicompost is brown in colour
 - d) Vermicompost is brown in colour
- d) Vermicompost is brown in colour.

- 7) Which of the following are the best worms used for composting.
- a) Millipeds
 - b) Pink worms
 - c) Red wigglers
 - d) All of the above
- c) Red wigglers.

- 8) The moisture level required for vermicomposting should be between.
- a) Below 30 Per cent
 - b) 40 and 50 Per cent
 - c) 70 and 80 Per cent
 - d) Above 90 Per cent
- c) 70 and 80 Per cent.

9) The maximum temperature required for vermicomposting.

- a) 20 to 25C
 - b) 25C to 30C
 - c) 30C to 35C
 - d) 35C to 40C
- c) 30C to 35C.

10) Which of the following procedures are used by the farmers to multiply the earthworms.

- a) By adding cow dung
 - b) By adding plant materials
 - c) By mixing more amount of biodegradable wastes
 - d) All of the above
- d) All of the above.

M.G.V.C.ARTS,COMMERCE AND SCIENCE COLLEGE
MUDDEBIHAL DIST; BIJAPUR
DEPARTMENT OF ZOOLOGY

Certificate course in Vermiculture for BSc Final Year students 2025-26

Max.Marks: 20

Marks List

SLNo	Register No	Name	Marks Obtained
1.	U15NU23S0007	Hasinabanu.K.Awati	20
2.	U15NU23S0014	Sharanyalata.M	20
3.	U15NU23S0019	Pavitra	20
4.	U15NU23S0023	Ashwini.H.Hugar	20
5.	U15NU23S0024	Rakshita.Harijan	20
6.	U15NU23S0029	Shruti.S.Navi	20
7.	U15NU23S0031	Ambika..Kodekall	20
8.	U15NU23S0035	Rajashree.S.Yalawar	20
9.	U15NU23S0036	Sumati.T.Ingalageri	20
10.	U15NU23S0039	Soumya.S.Hiremani	20
11.	U15NU23S0042	Bhagya.D.Hachadad	20
12.	U15NU23S0057	Chaitra.Lingadalli	20
13.	U15NU23S0059	Goutam.Chavan	20
14.	U15NU23S0064	Seema.Kongandi	20
15.	U15NU23S0072	Riyana.Tahasildar	20
16.	U15NU23S0083	Vikas.Lingadalli	20
17.	U15NU23S0086	Ummeshifa.H.Lahori	20
18.	U15NU23S0087	Vishal.Lamani	20
19.	U15NU23S0093	Jayashree	20
20.	U15NU23S0096	Humerabegum Dhakani	20
21.	U15NU23S0101	Bhagyashree Desai	20

Enk

Head of the

Department of Zoology

M.G.V.C. Arts, Com & Sci. College,
MUDDEBIHAL-586112 Dist. Bijapur