

Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
NAAC Accredited 'A' with CGPA 3.21



DEPARTMENT OF ZOOLOGY

ACADEMIC SESSION 2022-2023

ADD ON COURSE

ENTITLED - VERMICOMPOST



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**

ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705

(Affiliated to Sant Gadge Baba Amravati University, Amravati)

NAAC Accredited 'A' with CGPA 3.21

**Department of Zoology**  
**Academic Session: 2022-2023**

To

The Principal,  
Smt Radhabai Sarda Arts, Commerce &  
Science College, Anjangaon Surji

Subject: Regarding permission for conducting Add on Course entitled "Vermicompost" during the academic session 2022-2023.


Hon'ble Sir,

With reference to the above subject, I request you to grant us permission for conducting the said course in the department of Zoology. The duration of the course will be 30 hours (1 hours X 30 working days). The syllabus of the course is enclosed herewith this letter for your kind consideration. The course will be fruitful for the students in mind their development for agriculture and organic farming.

With regards,

Date: 02/02/2023

Place: Anjangaon Surji

  
Coordinator

Enclosures:

1. Syllabus of the Certificate Course



Principal  
Principal

Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji

  
Yours Faithfully

Head, Department of Zoology

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**

**ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705**

(Affiliated to Sant Gadge Baba Amravati University, Amravati)

**NAAC Accredited 'A' with CGPA 3.21**

**Department of Zoology**

**NOTICE**

Date: 06<sup>th</sup> February 2023

All the students of BSc II and BSc III are hereby informed that the Department of Zoology is going to start *Add on Course of vermicompost* from 13<sup>th</sup> February to 21<sup>st</sup> March 2023. Students, who are interested to participate in the said course, can confirm their admission on or before 11<sup>th</sup> February 2023.

Coordinator

Dr S K Zilpe

Head, Department of Zoology

Dr S K Zilpe

Principal

**Principal**

**Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji**



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

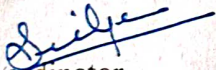
## Department of Zoology

### NOTICE

Date: 16<sup>th</sup> January 2023

All the faculty member of department are informed that a departmental meeting related to Add on course is arranged on 24<sup>th</sup> January 2023 at 11:30 AM at the department of Zoology. You all are requested to present for the meeting with some innovative ideas. The agendas of the meeting are as follows.

1. To decide the topic and design syllabus
2. To frame the time table
3. Student will be taken to field visit, during the course for practical knowledge
4. Exam will be conducted after completion of the course.

  
Coordinator

Dr S K Zilpe

  
Head, Department of Zoology

Dr S K Zilpe


#### Faculty Members:

Dr. M R Yeotkar

Dr S G Chhaba

Miss N.S.Sarande

Mr. R. A. Sinha

  
Principal  
**Principal**  
Smt. Radhabai Sarada College  
of Arts, Commerce & Science  
Anjangaon Sury



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

## Department of Zoology

### MINUTES OF THE MEETING

Department of Zoology organized a departmental meeting on 24<sup>th</sup> January 2023 to start an add on course of vermicompost. The minutes of the meeting are as follows.

1. It was unanimously decided to start certificate course for 30 Hours
2. Distributed the unit wise syllabus among the faculty members.
3. Decided the topic and designed a syllabus
4. Framed the time table
5. Exam would be conducted after completion of the course.

Coordinator

Dr S K Zilpe

Head, Department of Zoology

Dr S K Zilpe

Principal  
Principal

Smt. Radhabai Sarada College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

## Department of Zoology

### Add on Course on vermicompost

Academic Session: 2022-2023

### SYLLABUS

#### Unit I: (04 Lectures= 04 Hours)

- 1.1 Vermi Culture: Definition and general introduction
- 1.2 Evolution and Aim of Vermi culture.
- 1.3 Scope importance and present status in India

#### Unit II: (07 Lectures= 07 Hours)

- 2.1 Species of Earthworm use in vermicompost
- 2.2 Ideal Environmental conditions for different earthworm species
- 2.3 Rearing of Earthworm species.
- 2.2.2 Food and feeding of earthworm

#### Unit III: (06 Lectures= 06Hours)

- 3.1 Requirements of vermicomposting
- 3.2 Raw material required for vermicompost production
- 3.3 Construction of vermicompost bed.

#### Unit IV: (06 Lectures= 06 Hours)

- 4.1 Methods of Rearing of vermicompost.
- 4.2 Bioingradible of vermicompost

4.3 Disadvantages of vermicompost over chemical fertilizers.

4.4 Stocking of vermicompost.

**Unit V: (07 Lectures= 07 Hours)**

5.1 Methods of Preservation of vermicompost.

5.2 Chemical Composition of vermicompost

5.3 Advantages of vermicompost over chemical fertilizers.

5.4 Marketing of vermicompost.

**Reference Books:**

1. Vermiculture and vermicomposting: Peter Dvies.
2. Worm Farming: Danny Ganseder.
3. Worm Farming: Brain Grant.
4. Vermiculture Technology: Clive Edwards, Norman Arancon and Rhonda Sherman.
5. Earthworm ecology: Clive Edwards.

*Dem*  
**Principal**  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji

*Surji*  
**HEAD**  
Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji




Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

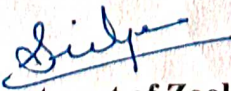
**Department of Zoology**  
**Add on Course on Vermicompost**

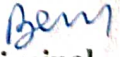
**TIME TABLE**

**Academic Session: 2022-2023**

SN	DATE	TIME	TOPIC
1	13 February 2023	11.00 AM to 12:30 AM	Inauguration and interactive session with guest
2	14 February-20 February 2023	10.00 AM to 11.00 AM	Unit I
3	21 February-27 February 2023	10.00 AM to 11.00 AM	Unit II
4	28 February-08 March 2023	10.00 AM to 11.00 AM	Unit III
5	09 March -15 March 2023	10.00 AM to 11.00 AM	Unit IV
6	16 March -23 March 2023	10.00 AM to 11.00 AM	Unit V
7	25 March 2023	10.00 AM to 11.30 AM	Exam

  
Co-ordinator  
**HEAD**  
Department of Zoology  
Smt. Radhabai Sarada College  
Anjangaon Surji

  
Head, Department of Zoology  
**HEAD**  
Department of Zoology  
Smt. Radhabai Sarada College  
Anjangaon Surji

  
Principal  
**Principal**  
Smt. Radhabai Sarada College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarada Education Society's  
(A Linguistic Minority Educational Institute)

**Smt Radhabai Sarada Arts, Commerce & Science College**  
**Anjangaon Surji, Dist Amravati - 444705**

**Application Form for Course Work**

(Academic Session: 2022-2023)

Application Form No.: 01

Applicant's Name: Vaishnavi Vinod Chikate

Father's Name: Vinod Uttam Chikate

Permanent Address: At. Post Giwandgaon. B.K  
T.G. Anjangaon, Dist. Amravati



District: Amravati State: Maharashtra Pin Code: 444705

Email ID: vaishnavichikate9@gmail.com

Phone No./Mobile No.: 

9	3	2	2	7	4	3	4	7	1
---	---	---	---	---	---	---	---	---	---

Gender: Male  Female

Date of Birth: 14/10/2002

Aadhaar Card No. 

4	6	7	3	3	6	3	7	2	1	8	8
---	---	---	---	---	---	---	---	---	---	---	---

Name of the Department: Zoology

Class: BSc III Section: \_\_\_\_\_

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 12/8/2022

ID Number: 2,683

Category: OPEN  OBC  SC  ST  NT  VJ  SBC

Languages Known: Marathi  Hindi  English

Title of the Course: Veemicompost

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

Applicant's Signature

Shri Sarda Education Society's  
(A Linguistic Minority Educational Institute)  
**Smt Radhabai Sarda Arts, Commerce & Science College**  
**Anjangaon Surji, Dist Amravati - 444705**

**Application Form for Course Work**

(Academic Session: 2022-2023)

Application Form No.: 17

Applicant's Name: Shyam Ravindra Bekhate

Father's Name: Ravindra Rumbhau Bekhate

Permanent Address: Shiv-Pavati Nagar, Anjangaon  
Surji



District: Amravati State: Maharashtra Pin Code: 444705

Email ID: sekhatesham@gmail.com

Phone No./Mobile No.: 

9	3	2	2	2	0	3	9	4	0
---	---	---	---	---	---	---	---	---	---

Gender: Male  Female

Date of Birth: 31/01/2002

Aadhaar Card No. 

7	1	8	5	1	4	2	8	0	4	0	8
---	---	---	---	---	---	---	---	---	---	---	---

Name of the Department: Zoology

Class: B.Sc III<sup>rd</sup> (Sem-VI) Section: Science

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 19-08-2022

ID Number: 2152

Category: OPEN  OBC  SC  ST  NT  VJ  SBC

Languages Known: Marathi  Hindi  English

Title of the Course: Vermi compost

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

Applicant's Signature

Shri Sarda Education Society's  
(A Linguistic Minority Educational Institute)  
**Smt Radhabai Sarda Arts, Commerce & Science College**  
Anjangaon Surji, Dist Amravati - 444705

**Application Form for Course Work**

(Academic Session: 2022-2023)

Application Form No.: 34

Applicant's Name: Swaraj Ruprao Wankhade

Father's Name: Ruprao Gulabrao Wankhade

Permanent Address: Wankhade Peth Surji

Anjangaon. 5 A



District: Amravati State: Maharashtra Pin Code: 444705

Email ID: swarajwankhade451@gmail.com

Phone No./Mobile No.:

9 3 7 0 1 4 9 3 0 1

Gender:

Male

Female

Date of Birth: 27/11/2003

Aadhaar Card No.

4 6 6 0 9 9 5 5 1 6 4 3

Name of the Department: Zoology

Class: BSc - II (Sem IV) Section: CB2

Course Applied For: Value Added/Certificate/Bridge Course/Add-on Program

Date of Admission in College: 17/8/2022

ID Number: 3,607

Category: OPEN  OBC  SC  ST  NT  VJ  SBC

Languages Known: Marathi  Hindi  English

Title of the Course: B vermicompost

N.B.: I Certify that the information I have given in this application is complete and correct. I am aware that false information grounds for expulsion.

[Signature]  
Applicant's Signature



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21  
**Department of Zoology**  
**Academic Session: 2022-2023**  
**List of Enrolled students for Add on Course "Vermicompost"**

SN	NAME OF THE STUDENT	CLASS	ID NO	SIGNATURE
1	Ku. Vaishnavi Vinod Chikate	BSc III	2683	
2	Ku. Vaishnavi Gopalrao Badhe	BSc III	2251	
3	Ku. Priyanka Vinodrao Gaigole	BSc III	2298	
4	Ku. Saleha Anjum Mohd. Yunus	BSc III	2767	
5	Ku. Priyanka Shantaram Gurao	BSc III	2370	
6	Ku. Shrutika Rekhchand Khalokar	BSc III	2256	
7	Ku Samruddhi Harichandra Bhagat	BSc III	2202	
8	Ku Vaishnavi Suresh Bundile	BSc III	2227	
9	Ku. Vaishnavi Devidas Makode	BSc III	2597	
10	Ku Unnati Ravindra Gite	BSc III	2511	
11	Ku. Sakshi Kishor. Harne	BSc III	2383	
12	Ku. Samiksha Gajanan Sadar	BSc III	2087	
13	Ku. Samiksha Shivshankar. Raut	BSc III	2231	
14	Ku. Shravni Ravindra Kalpande	BSc III	2318	
15	Ku. Shrutika Rajendra. Borole	BSc III	2289	

16	Ku. Unnati Dinesh Sadar	BSc III	2252	<u>Unnati</u>
17	Mr. Shyam Ravindra Rekhate	BSc III	2152	<u>Rekhate</u>
18	Mr. Sahel Afraz Sami Khan	BSc III	2584	<u>Sahel</u>
19	Mr. Vikram Arunrao Dahi	BSc III	2338	<u>Vikram</u>
20	Ku Kashish Shard Lahane	BSc II	3120	<u>K.S. Lahane</u>
21	Ku Asmita Chandrabhan Wanera	BSc II	3027	<u>Asmita</u>
22	Ku Archana Chandrabhan Wanera	BSc II	3028	<u>Archana</u>
23	Ku. Humaira Saleha Liyaquqt Ameen	BSc II	3522	<u>Humaira Saleha</u>
24	Ku Aachal Sanjay Dhule	BSc II	3266	<u>Aachal</u>
25	Ku. Kanchan Gajanan Ladole	BSc II	3265	<u>Kanchan</u>
26	Ku .Saniya Firdous SK Rauf	BSc II	3108	<u>Saniya</u>
27	Ku. Mav'ish Anam Mohd. Nazim	BSc II	3095	<u>Mav'ish</u>
28	Ku. Farha Parveen Abdul Razique	BSc II	3114	<u>Farha</u>
29	Mr. Krushnakant Mukund Kadu	BSc II	3407	<u>Krushnakant</u>
30	Mr. Shaikh Awais Shaikh Azeez	BSc II	3218	<u>Awais</u>
31	Mr. Tejas Dilip Bhople	BSc II	3515	<u>Tejas</u>
32	Mr. Pratik Shridhar Kale	BSc II	3382	<u>Pratik</u>
33	Mr. Om Pramod Khade	BSc II	3127	<u>Om</u>
34	Mr. Swaraj Ruprao Wankhede	BSc II	3607	<u>Swaraj</u>
35	Mr. Pranav Sharad Khandare	BSc II	3249	<u>Pranav</u>
36	Mr Mohd. Uzair Mohd. Ziyaoddin	BSc II	3219	<u>Uzair</u>

Sidha  
Coordinator  
HEAD

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

Sidha  
Head of the Department  
HEAD

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

Berny  
Principal  
Principal  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)

**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

**Department of Zoology**  
**Add on Course (Session: 2022-2023)**  
**Attendance Sheet**

**Name of the Course: Vermicompost**

SN	Name of participants	DATE	Signature													
			1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Ku. Vaishnavi Vinod Chikate	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
2	Ku. Vaishnavi Gopalrao Badhe	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
3	Ku. Priyanka Vinodrao Gaigole	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
4	Ku. Saleha Anjum Mohd. Yunus	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
5	Ku. Priyanka Shantaram Gurao	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
6	Ku. Shrutika Rekhchand Khalokar	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
7	Ku. Samruddhi Harichandra Bhagat	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
8	Ku. Vaishnavi Suresh Bundile	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
9	Ku. Vaishnavi Devidas Makode	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
10	Ku. Unnati Ravindra Gite	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3
11	Ku. Sakshi Kishor Harne	14/2	15/2	16/2	17/2	20/2	21/2	22/2	23/1	24/2	25/2	27/2	28/2	01/3	02/3	03/3



30	Mr. Shaikh Awais Shaikh Azeez	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
31	Mr. Tejas Dilip Bhopale	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
32	Mr. Pratik Shridhar Kale	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
33	Mr. Om Pramod Khade	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
34	Mr. Swaraj Rupraj Wankhede	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
35	Mr. Pranav Sharad Khandare	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA
36	Mr Mohd. Uzair Mohd. Ziyaoddin	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA	AA

*[Signature]*

Coordinator

HEAD

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*[Signature]*

Head of the Department

HEAD

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*[Signature]*

Principal

Principal


Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji









29	Mr. Krushnakant Mukund Kadu	<del>Prasad</del>	AA	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
30	Mr. Shaikh Awais Shaikh Azeed	<del>Prasad</del>	<del>Prasad</del>	AA	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
31	Mr. Tejas Dilip Bhopale	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	AA	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
32	Mr. Pratik Shridhar Kale	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
33	Mr. Om Pramod Khade	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
34	Mr. Swaraj Rupraj Wankhede	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
35	Mr. Pranav Sharad Khandare	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>
36	Mr Mohd. Uzair Mohd. Ziyaoddin	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>	<del>Prasad</del>

  
 Coordinator  
 HEAD  
 Department of Zoology  
 Smt. Radhabai Sarda College  
 Anjangaon Surji

  
 Head of the Department  
 HEAD  
 Department of Zoology  
 Smt. Radhabai Sarda College  
 Anjangaon Surji

  
 Principal  
 Principal  
 Smt. Radhabai Sarda College  
 of Arts, Commerce & Science  
 Anjangaon Surji

Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21  
**Department of Zoology**  
**Add on Course on Vermicompost**  
**(Academic Session: 2022-2023)**

Date: 25/03/2023  
Time: 1. 30 Hrs

Max Marks: 50

Q.1 Fill in the blanks.

05M

- i. Earthworms required a temperature range of-----
- ii. Vermicompost production required ----- days.
- iii. ----- % organic carbon is present vermicompost.
- iv. ----- is biodegradable waste used in vermicompost production.
- v. Vermicomposting required ----- pH range.

Q.2 Answer in one sentences.

10M

- i. Define vermiculture
- ii. Define Vermiwash.
- iii. Name the different species of earthworms use in vermicomposting.
- iv. Give the chemical composition of vermicompost.
- v. Give the evolution of vermicompost.

Q.3 Write a short note on.

05M

- a. Importance of vermicompost.
- b. Give the detailed composition of vermicompost.

OR

- c. Give the detailed requirement of vermicompost.
- d. Scope of vermicompost.

Q.4 Describe the design and construction of vermicompost pit.

10M

OR

Q.4 Describe the detailed process of vermicomposting.

Q.5 Write a short note on.

10M

- e. Food and feeding of earthworm
- f. Harvesting of compost

OR

- g. Give the uses of vermiwash.
- h. What are the environmental conditions required for vermiomposting

Q. 6 Disadvantage and Advantages of vermicompost over chemical fertilizers

10M

OR

Q.6 Stocking and Marketing of vermicompost.



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

**Department of Zoology**  
**Academic Session : 2022-2023**  
**Examination of Add on Course on Vermicompost**

DATE :25/03/2023

Time:10.00 AM-11.30 AM

SNO	NAME OF STUDENTS	CLASS	SIGNATURE
1	Ku. Vaishnavi Vinod Chikate	BSc III	
2	Ku. Vaishnavi Gopalrao Badhe	BSc III	
3	Ku.Priyanka Vinodrao Gaigole	BSc III	
4	Ku.Saleha Anjum Mohd.Yunus	BSc III	
5	Ku. Priyanka Shantaram Gurao	BSc III	
6	Ku. Shrutika Rekhchand Khalokar	BSc III	
7	Ku Samruddhi Harichandra Bhagat	BSc III	
8	Ku Vaishnavi Suresh Bundile	BSc III	
9	Ku. Vaishnavi Devidas Makode	BSc III	
10	Ku Unnati Ravindra Gite	BSc III	
11	Ku. Sakshi Kishor Harne	BSc III	
12	Ku. Samiksha Gajanan Sadar	BSc III	
13	Ku. Samiksha Shivshankar Raut	BSc III	
14	Ku. Shravni Ravindra Kalpande	BSc III	
15	Ku. Shrutika Rajendra Borole	BSc III	
16	Ku. Unnati Dinesh Sadar	BSc III	
17	Mr. Shyam Ravindra Rekhate	BSc III	
18	Mr. Sahel Afraz Sami Khan	BSc III	

19	Mr. Vikram Arunrao Dahi	BSc III	<i>Vikram</i>
20	Ku Kashish Shard Lahane	BSc II	<i>K.S. Lahane</i>
21	Ku Asmita Chandrabhan Wanere	BSc II	<i>Asmita</i>
22	Ku Archana Chandrabhan Wanere	BSc II	<i>Archana</i>
23	Ku. Humaira Saleha Liyaquqt Ameen	BSc II	<i>Humaira</i>
24	Ku Aachal Sanjay Dhule	BSc II	<i>Achale</i>
25	Ku. Kanchan Gajanan Ladole	BSc II	<i>Kanchan</i>
26	Ku .Saniya Firdous SK Rauf	BSc II	<i>Saniya</i>
27	Ku. Mahvish Anam Mohd. Nazim	BSc II	<i>Mahvish</i>
28	Ku. Farha Parveen Abdul Razique	BSc II	<i>Farha</i>
29	Mr. Krushnakant Mukund Kadu	BSc II	<i>Krushnakant</i>
30	Mr. Shaikh Awais Shaikh Azeez	BSc II	<i>Awais</i>
31	Mr. Tejas Dilip Bhople	BSc II	<i>Tejas</i>
32	Mr. Pratik Shridhar Kale	BSc II	<i>Pratik</i>
33	Mr. Om Pramod Khade	BSc II	<i>Om</i>
34	Mr. Swaraj Ruprao Wankhede	BSc II	<i>Swaraj</i>
35	Mr. Pranav Sharad Khandare	BSc II	<i>Pranav</i>
36	Mr Mohd. Uzair Mohd. Ziyaoddin	BSc II	<i>Uzair</i>

*Sidya*  
Co-ordinator  
**HEAD**

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*Sidya*  
Head of the Department  
**HEAD**

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*Bern*  
Principal  
**Principal**  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarada Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

**Department of Zoology**

**Academic Session : 2022-2023**

**Result of Add on Course on Vermicompost**

SN	NAME OF STUDENT	CLASS	OUT OF 50	MARKS OBTAINED
1	Ku. Vaishnavi Vinod Chikate	BSc III	50	32
2	Ku. Vaishnavi Gopalrao Badhe	BSc III	50	35
3	Ku.Priyanka Vinodrao Gaigole	BSc III	50	39
4	Ku.Saleha Anjum Mohd.Yunus	BSc III	50	34
5	Ku. Priyanka Shantaram Gurao	BSc III	50	45
6	Ku. Shrutika Rekhchand Khalokar	BSc III	50	32
7	Ku Samruddhi Harichandra Bhagat	BSc III	50	40
8	Ku Vaishnavi Suresh Bundile	BSc III	50	36
9	Ku. Vaishnavi Devidas Makode	BSc III	50	40
10	Ku Unnati Ravindra Gite	BSc III	50	42
11	Ku. Sakshi Kishor Harne	BSc III	50	35
12	Ku. Samiksha Gajanan Sadar	BSc III	50	44
13	Ku. Samiksha Shivshankar Raut	BSc III	50	44
14	Ku. Shravni Ravindra Kalpande	BSc III	50	34
15	Ku. Shrutika Rajendra Borole	BSc III	50	45
16	Ku. Unnati Dinesh Sadar	BSc III	50	32
17	Mr. Shyam Ravindra Rekhate	BSc III	50	40
18	Mr. Sahel Afraz Sami Khan	BSc III	50	36
19	Mr. Vikram Arunrao Dahi	BSc III	50	44
20	Ku Kashish Shard Lahane	BSc II	50	47

21	Ku Asmita Chandrabhan Wanere	BSc II	50	28
22	Ku Archana Chandrabhan Wanere	BSc II	50	34
23	Ku. Humaira Saleha Liyaquqt Ameen	BSc II	50	47
24	Ku Aachal Sanjay Dhule	BSc II	50	43
25	Ku. Kanchan Gajanan Ladole	BSc II	50	42
26	Ku .Saniya Firdous SK Rauf	BSc II	50	41
27	Ku. Mahvish Anam Mohd. Nazim	BSc II	50	40
28	Ku. Farha Parveen Abdul Razique	BSc II	50	36
29	Mr. Krushnakant Mukund Kadu	BSc II	50	44
30	Mr. Shaikh Awais Shaikh Azeez	BSc II	50	47
31	Mr. Tejas Dilip Bhople	BSc II	50	45
32	Mr. Pratik Shridhar Kale	BSc II	50	34
33	Mr. Om Pramod Khade	BSc II	50	32
34	Mr. Swaraj Ruprao Wankhede	BSc II	50	36
35	Mr. Pranav Sharad Khandare	BSc II	50	42
36	Mr Mohd. Uzair Mohd. Ziyaoddin	BSc II	50	36

*Sidya*

Co-ordinator

**HEAD**

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*Sidya*

Head of the Department

**HEAD**

Department of Zoology  
Smt. Radhabai Sarda College  
Anjangaon Surji

*Bern*

Principal

**Principal**

Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji





Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

**Department of Zoology**

**Academic Session : 2022-2023**

**Programme Outcome of Add on Course on Vermicompost**

- PO 1: To provide knowledge about importance of organic farming.
- PO 2: To aware students about the various species of earthworms.
- PO 3: To aware students about the farmers problem.
- PO 4: To provide knowledge about the importance of vermicompost, how it increases the crop production without use of any toxic fertilizer.
- PO 5: To provide knowledge about the vermicomposting business.
- PO 6: To provide knowledge about Management of biodegradable waste.
- PO 7: To aware students about the different kinds of pollutions caused due to solid waste and how to use this waste for vermicomposting.
- PO 8: Use of vermicompost to enhance the fertility of soil.
- PO 9: To provide knowledge about the starting of their own vermicompost pit at home with the help of kitchen waste.
- PO 10: To give the detailed knowledge about the side effects of use of chemical fertilizer on fertility of soil.

  
**HEAD**

**Department of Zoology**  
Smt. Radhabai Sarda College  
Anjangaon Surji

  
**Principal**  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati-University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

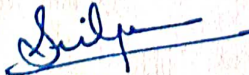
### Department of Zoology

Academic Session : 2022-2023


### SUMMARY REPORT OF ADD ON COURSE ON VERMICOMPOST

Department of Zoology conducted a certificate course on Vermicompost during the academic session 2022-2023. The duration of the course was 30 hours (30 days). Total 34 students were enrolled for the course. All the students have completed the course successfully. The attainment of the course are as follows:

- Students learnt to develop their own vermicomposting business with the wise management of biodegradable waste
- Students aware about the different kinds of pollutions caused due to solid waste and how to use this waste for vermicomposting.
- Students acquired a detailed knowledge about the side effects of use of chemical fertilizer on fertility of soil
- Students get knowledge about use of vermicompost to enhance the fertility of soil.
- Students get knowledge about the various species of earthworms
- Students were aware about the farmer's problem.
- Students get knowledge about importance of organic farming.
- Students learnt to start their own vermicompost pit at home with the help of kitchen waste.

  
HEAD

Department of Zoology  
Smt. Radhabai Sarda College

  
Principal  
Smt. Radhabai Sarda College  
of Arts, Commerce & Science  
Anjangaon Surji



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21


Academic Session: 2022 - 2023

## Certificate

*This is to certify that Ku. Saleha Anjum M. Yumus of Bsc III  
has successfully completed *Add On Course* entitled "*Vernicompost*" conducted by  
the Department of Zoology from 13/02/2023 to 21/03/2023 at Smt. Radhabai Sarda  
Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati.*

  
Coordinator

  
Head of the Department

  
Principal



Shri Sardar Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21

Academic Session: 2022 - 2023

## Certificate

This is to certify that Mr Vikram Arunag Sahi of Bsc III  
has successfully completed *Add On Course* entitled "*Vermicompost*" conducted by  
the Department of Zoology from 13/02/2023 to 21/03/2023 at Smt. Radhabai Sarada  
Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati.

  
Coordinator

  
Head of the Department

  
Principal



Shri Sarda Education Society (Trust)'s  
(A Linguistic Minority Education Institute)  
**SMT RADHABAI SARDA ARTS, COMMERCE AND SCIENCE COLLEGE**  
ANJANGAON SURJI, DIST- AMRAVATI (Maharashtra) 444705  
(Affiliated to Sant Gadge Baba Amravati University, Amravati)  
NAAC Accredited 'A' with CGPA 3.21


Academic Session: 2022 - 2023

## Certificate

*This is to certify that Mr. Pratik Shridhar kale of BSc II  
has successfully completed *Add On Course* entitled "*Vermicompost*" conducted by  
the Department of Zoology from 13/02/2023 to 21/03/2023 at Smt. Radhabai Sarda  
Arts, Commerce & Science College, Anjangaon Surji, Dist. Amravati.*

  
Coordinator

  
Head of the Department

  
Principal