## MEMORANDAM OF UNDERSTANDING

## **BETWEEN**

# Department of Zoology

Mahatma Gandhi Vidyamandir's

Samajshree Prashantdada Hiray Arts, Science and Commerce College. Nampur Tal. Baglan Dist.
Nashik

And

Krishi Vigyan Kendra, Vadel, Tal-Malegaon, Dist-Nashik

This Memorandum of Understanding is made on the 1<sup>st</sup> day of July 2021 and its valid up to 30<sup>th</sup>day of June 2022 (one year)

Between

Party A: Department of Zoology, S. P.H. Arts, Science & Commerce College, Nampur, Tal. Satana. Dist. Nashik -423204 (M.S.)

And

Party B: Krishi Vigyan Kendra, Vadel, Tal-Malegaon, Dist-Nashik (M.S)

# Purpose and Scope

Mahatma Gandhi Vidyamandir's S.P.H. Arts, Science & Commerce College, Nampur. Tal- Satana, Dist-Nashik has been playing an important role in all round development of the students. The college has rural background. The students of Undergraduate (UG) classes come from Agricultural background.

**Vermicompost** is the product of the decomposition process using various species of <u>earthworms</u>, to create a mixture of decomposing vegetable or <u>food waste</u>, bedding materials, and vermicast. This process is called **vermicomposting**, while the rearing of worms for this purpose is called **vermiculture**. There is a great demand for organic fertilizer in fields of Agricultures . Vermicompost can lead to better crop yield as the excratory products and other secretion of the earth worm enrich the soil by adding nitrogenous material which is essential for the growth of plants . They also reduce acidity and alkalinity of the soil and thus provide optimum condition for plant growth.

Theoretical knowledge accompanied with the practical knowledge is a key for Vermicomposting. With the changing national scenario and governments focus on organic farming, There is a need to ensure development of industry relevant and self employment skills for Zoology student across UG stream.

The main purpose of this Memorandum is to educate students of UG. An understanding of Theoretical And practical requirements of Vermiculture management and encourage them to take up vermicompost production as an enterprise.

### Background

M.G. Vidyamandir Trust was founded by Late Karmaveer Bhausaheb Hiray in the year 1952. It was founded with the motto "Bahujan Hitay Bahujan Sukhay" with the vision of providing education not only to the tribal students but also to the society at large.

In 1984 M.G. Vidyamandir started a senior college at Nampur for providing higher quality educational facility to the masses who were economically backward and socially down trodden.

Krishi Vigyan Kendra, Vadel, Tal-Malegaon, Dist-Nashik (M.S), established in the year 2011. With a aim to reduce time lag between generation of technology at the research institute and its transfer to the farmers for increasing Production, Productivity and Income from agriculture and allied sectors on sustained basis.

The Department of Zoology S. P. H. Arts, Science and Commerce College, is interested to establish MoU with Krishi Vigyan Kendra, Vadel, Tal-Malegaon, Dist-Nashik (M.S), to give knowledge about Vermiculture to the students of Zoology Department.

# Responsibilities of Party A under MoU

- To motivate students for Vermiculture management programme.
- To support the Zoology students in Vermicompost business along with regular education.
- Helping to students to become Vermicultyre Management Entrepreneurs.

# Responsibilities of Party B under MoU

- To provide practical knowledge on the training facility to S.P.H. College students enrolled in the above referred educational programme.
- To impart knowledge develop skill and provide opportunities for excellence.
- To provide practical knowledge of students to get placement possibilities.

MoU will enable the parties to foster training and practical knowledge collaboration between two parties.

Set the ground for institution - training partnerships by joint training activities

To increase self employment amongst the students.

Strengthen the Vermiculture Training Development by exchange of visiting expert faculty.

The parties, hereby, agree to establish collaboration according to terms and conditions set out time to time.

This MoU shall be effective upon the signature of parties A and B authorized officials. It shall be in force from 1<sup>st</sup> day of July 2021 and its valid up to 30<sup>th</sup>day of June 2022 (one year)

Place-Nampur

Date-01/07/2021

S. SCI. & Command Comm

Samajshree Prashantdada Hiray Arts, Sci. & Comm. College Nampur Tal. Baglan (Nashik)

(A) Principal

S. P.H. Arts, Science Commerce College, Nampur. Tal. Satana, Dist. Nashik -423204 (M.S.)

(B) Sr.Scientist & Head(In-charge)

Krishi Vigyan Kendra, Vadel, Tal-Malegaon, Dist-Nashik (M.S)

Analegaon Nalegaon

HEAD/SENIOR SCIENTIST Krishi Vigyan Kendra Malegaon (Nashik) 423 206



# Mahatma Gandhi Vidyamandir's Samajshree Prashantdada Hiray Arts, Science and Commerce College, Nampur Tal. Baglan (Nashik)



# A Report on the MoU with Krishi Vigyan Kendra, Vadel

Visit to Krishi Vigyan Kendra, Vadel on behalf of the Department of Zoology. S.P.H. Arts, Science& Commerce College, Nampur, Tal. Satana. Dist. Nashik -423204 (M.S.) on July 1, 2021 to 30 June 2022

## Objectives of the Visit:

The purpose of our visit was to establish a collaborative partnership between our department and Krishi Vigyan Kendra. This Memorandum of Understanding (MoU) aims to promote knowledge exchange, research collaboration, and joint initiatives in the field of zoology and agriculture.

### **Visit Details:**

We visited at **Krishi Vigyan Kendra**, **Vadel** on 06.07.2021 at 02:00 PM and was warmly welcomed by the staff members. We had the opportunity to meet with Mr. Amit Patil, the Head of the institution, who provided me with a comprehensive overview of their activities and ongoing projects.

#### Conclusion:

Overall, our visit to Krishi Vigyan Kendra, Vadel was highly productive and promising. The collaboration between our department and Krishi Vigyan Kendra has the potential to contribute significantly to the fields of zoology and agriculture. We are confident that this partnership will result in fruitful research outcomes and provide valuable opportunities for our students.

We would like to express our gratitude to Krishi Vigyan Kendra for their warm hospitality and willingness to collaborate. We look forward to working closely with them in the coming months to implement the objectives outlined in the Memorandum of Understanding.

Report submitted to: The Principal, S.P.H. Arts, Science and Commerce College,
Nampur

Report submitted by:

Dr. R. R. Kapadnis, Dept. of Zoology, Nampur.

Dt: 07.07.2021



HEAD
S.P.H. Arts, Sci. & Coarm. College
Nampur, Tal. Baylan (Nesik)

• MoU With Krishi Vidnyan Center Vadel, Malegaon. Dr.Amit Patil (Incharge)
Guided us to develop Vermicompost



• Copy of MoU Submitted to Krishi Vidnyan Center, Vadel



HEAD

Department of Zoology

S.P.H. Arts, Sci. & Comm. College
Nampur, Tal. Baglan (Neak)



PRINCIPAL
Samajshree Prashantdada Hiray
Arts, Sci. & Comm. College
Nampur, Tal.Baglan (Nashik)

Observation of Vermicompost with Dr.Amit Patil



• Office of the Krishi Vidnyan Center , Vade





# Mahatma Gandhi Vidyamandir's Samajshree Prashantdada Hiray Arts, Science and Commerce College, Nampur Tal. Baglan (Nashik)Website: https://mgvnampursr.kbhgroup.in/



# Program Report "Vermiculture and Vermicompost"

Date: 07/02/2024

The Department of Zoology at Samajshree Prashantdada Hiray Arts, Science and Commerce, College organized a highly informative program on "Vermiculture and Vermicompost" The event witnessed enthusiastic participation from students of FY, SY, and TYBSc.

#### **Speakers:**

- 1) Mr. Vijay Shinde: Delivered a comprehensive talk on the importance and techniques of Vermicompost, providing valuable insights into sustainable agricultural practices
  - 2) Mr.Kalpesh Khedkar: Discussed "Taran Dhanya," shedding light on its significance modern agriculture, contributing to the knowledge enhancement of our budding scientists.

### • Dignitaries:

Principal: Dr. D. F. Shirude

Vice Principal: Dr. K. K. Bachhav HOD Zoology: Dr. R. R. Kapadnis HOD Botany:Dr. Y. D. Sonawane

#### • Anchoring:

The event was gracefully anchored by Dr. Y. D. Sonawane, who ensured a smooth flow of the program and engaged the audience with her insightful commentary.

## • Vote of Thanks:

Mr. Ziya Husain extended heartfelt gratitude to our distinguished speakers, the esteemed principal, vice principal, and HODs for their valuable presence. The event's success was attributed to their wisdom and guidance.

Special thanks were also expressed to Dr. Y. D. Sonawane for his engaging anchoring. The program not only enriched our students' knowledge but also fostered an environment of collaborative learning. We look forward to organizing more such enlightening events in the future

Prin. Dr. D.F.Shirude felicitated to Mr.Vijay Shinde, The Chief guest Krishi Vidnyan Center, Vadel, Malegaon of the Program



Dr.R.R. Kapadnis Introduce the Chief Guest



Department of Zoology S.P.M. Arts, Sci. & Comm. College Nampur, Tal. Baglan (Nealk)



PRINCIPAL Samajshree Prashantdada Hiray Arts, Sci. & Comm. College Nampur, Tal. Baglan (Nashik)



- Hon. Mr. Vijay Shinde delivered a Speech on Vermiculture and Vermicompost .
- Students of Zoology Department Attended the Program



• Students of Zoology Department Attended the Program



Vote of Thanks by Z.Z Husain



## Chief Guest: Hon. Mr. Vijay Shinde with Staff and the Students of Zoology Department



Department of Zoology
S.P.M. Arts, Sci. & Comm. College
Nampur, Tal. Baglan (Nealk)

Tal. Baglan (Nashik)

PRINCIPAL
Samajshree Prashantdada Hiray
Arts, Sci. & Comm. College
Nampur, Tal. Baglan (Nashik)

# Mahatma Gandhi Vidyamandirs

S. P. H. Arts, Science and Commerce College, Nampur, Tal. Baglan, Dist. Nashik

# Department of Zoology

### Attendance Sheet

Date: 07/02/2024

## Lecture under MoU

Speaker: Mr. Vijay Shinde Consiect Matter specialist) Krishi vi yyan Kondra Vadel, Malegaan Topic: Vermiculture and Vermicompost

Sr.	Name of the Student	Signature
No.		
1)	Mhasde Anmol Prakash	ctant.
2.]	Sarkar Harshal Pradip	Harkon
3]	Surtawanshi Graural Arun	GAS.
47	More Tejos Probhakar more smaenii pravin	Pmol
5]	more sinupnii pravin	808
6]	shaikh Danish Tarik	[ Read ]
	More yash vilas	(1) will
8>	Garii Shakhar Kakaji	Sheall
9]	Ahire Kunal Ralan	Thus
10)	Hhire Dhira Ramesh	200
(1)	Nikwade Sutgern Sitendad	Jul
12]	Paevar madhau Rajendra	megana.
13	Kor Bhushun Mivrutti	-BV-
19	suryaranshi om Bhagwan	9
15	Ahire Sonket Dilip	Seef
16	Ahire Monoj Eknath	The state of the s



17 Jadhav Kalpesh Popat , Vadus 18 Thoke Mahech vilus Mull 19 Amire Koran Nivouth 20 Khaimar Piasad Methabhay Frasad. 21 Athire Aniket Janjay 22 Daine Mahesh Daulat Maine 23 Janhav Umesh Adhan Allar 24) Bhumare harshal Keshan Finfanase Ram Nahabhay Brownesh Adhan 25) Pimpanase Ram Nahabhay Brownesh Adhan Karima Sadish Alfiya Manjur 141 Borose anyaneshwari Sharad Sib 141 Borose anyaneshwari Sharad Sib 181 Pathan Karima Sadish Kisip. 29) Shaikh Alfiya Manjur 30] Ahire Damini Pajendra Dadik 31) Jadhau Aishwarya Mothabhau Mahaban 32) Kedare Babita Ashak Basi 33) Sawant Aashwini punjaram Samata. 34) Pawar Sakshi Nanaji Ste' 35) Pawar Rajashri Milaa 36) Dhondage Vaishnavi Vinayak Yalise			
19 Ahire Karan Nivouth 20 Khairnar Presad Mothabhau 21 Ahire Ariket Vanjay 22 Daine Mahesh Daulat 23 Jadhau Umesh Adhan 24) Bhumure harshal keshau 25) Pimparase Ram Nahabhau 25) Pimparase Ram Nahabhau 31) Ahire poriyanka Satish 31) Rathan Karima Sadik 31) Pathan Karima Sadik 31) Jadhau Aishwaya Mothabhau 32) Kedare Babita Ashak 33) Sawant Aashwini punjaram 34) Pawar Sakshi Nanaji 35) Pawar Rajashri Milan 36) Dhondage Vaushnavi Vinayak 36) Dhondage Vaushnavi Vinayak 36) Dhondage Vaushnavi Vinayak 37) Pawar Rajashri Milan 36) Dhondage Vaushnavi Vinayak 36) Dhondage Vaushnavi Vinayak	17	Jadhav Kalpesh PoPat.	Radils
Ahire Karan Nivnuth  20 Khaimar Prasad Mothabhau  21 Ahire Amiket Sanjay  22 Daine Mahesh Daulat  23 Janhau Umesh Adhan  24) Bhumare harshal keshau  25) Pimparase Ram Nahabhau  25) Pimparase Ram Nahabhau  26) Ahire panyanka Satish  171 Borrose dnyaneshwari Sharad  26) Shaikh Alfiya Manjur  30] Ahire Damini Pajendra  31) Jadhau Aishwarya Mothabhau  32) Kedare Babita Ashak  33) Gawant Aashwini punjaram  34) Pawar Sakshi Nangi  36) Dhondage Vaushnavi Vinayak  (E) 188	18	Thoke Mahesh vilus	
20 Khaimar Piasad Mothabhau 21 Ahrire Arriket Sanjay 22 Daine Mahesh Daulat 23 Tadhau Umesh Adham 24) Bhumare harshal keshau 25) Pimpaase Ram Nahabhau 25) Pimpaase Ram Nahabhau 25) Pimpaase Ram Nahabhau 27) Romose dayaneshwari Sharad 28) Rothan Karima Sadik 29) Shaikh Alfiya Manjur 30] Ahire Damini Rajendra 31) Jadhau Aishwarya Mothabhau 32) Kedare Babita Ashak 33) Sawant Aashwini punjaram 34) Pawar Sakshi Nanaji 34) Pawar Sakshi Nanaji 36) Dhondage Vaushnavi Vinayak 36) Dhondage Vaushnavi Vinayak 37) Celisse	19		RAPA TO
Ahire Amiket Sanjay  22 Daine Mahesh Daulat  23 Jankau Umesh Adham  24) Bhumure harshal keshau  25) Pimparase Ram Nahabhay  25) Pimparase Ram Nahabhay  26) Ahire pariyanka Satish  28) Rathan Karima Sadik  17) Shaikh Alfiya Manjur  30] Ahire Damini Pajendra  31) Jadhau Aishwarya Mothabhau  32) Kedare Babita Ashak  33) Sawant Aashwini punjaram  34) Pawar Sakshi Nanaji  35) Pawar Rajashri Milan  36) Dhondage Vaishnavi Vinayak  (20) Salasha			France .
Daine Mahesh Daulah  23 Tadhau Umesh Adham  24) Bhumure harshad keshan  25) Pimparase Ram Nahabhau  Phine poriyanka Satish  171 Borrose dryuneshwari sharad  29) Shaikh Alfiya Manjur  30] Ahire Damini Pajendra  31) Jadhau Aishwarya Mothabhau  Redare Bobita Ashak  32) Kedare Bobita Ashak  33) Sawant Aashwini punjaram  34) Pawar Sakshi Nanaji  35) Pawar Rajashri Milan  36) Dhondage Vaishnavi Vinayak  Walish  28  29  20  20  21  22  23  24  25  26  26  26  27  28  28  28  28  28  28  28  28  28	21	Africe Arriket Sarian	The second
23 Jankau Umesh Adham 24) Bhumure harshal keshan 25) Pimparase Ram Nahabhay RD  1781 Ahmeo pariyanka Satish Alli Borrose dnyaneshwari shamad Bb  1811 Rathan Karima sadik K. s. p. 29) Shaikh Alfiya Manjur  30] Ahire Damini Pajencha Bratic  31) Jadhau Aishwarya Morhabhau  Redare Bobita Ashok Bas.  32) Kedare Bobita Ashok  33) Sawant Aashwini punjaram  34) Pawar Sakshi Nanaji  35) Pawar Rajashri Milan  36) Dhondage Vaishnavi Vinayak  Celise	22	Daine Mahesh Daylat	
Bhamare harshal keshaw  25) Pimparase Ram Nahabhay  RD  RD  RD  RAHAR Porryanka Satish  Ash Rathan Karima sadik  29) Shaikh Alfiya Manjur  30] Ahire Damin's Rajendra  31) Jadhau Aishwarya Mothabhau  Redare Bobita Ashok  32) Kedare Bobita Ashok  33) Sawant Aashwini punjaram  34) Pawar Rajashri Milan  35) Pawar Rajashri Milan  36) Dhondage Vaishnavi Vinayak  Celise  Control  Robert  Robert			I Laind
Pimparase Ram Nahabhay  Phine paryanta Satish  Ahme paryanta Satish  Ashar Borose dayaneshwari Sharad  Beb  Ashar Karima sadik  Risp.  29) Shaikh Alfiya Manjur  30] Ahire Damini Pajencha  31) Jadhau Aishwarya Mothabhau  Bed  32) Kedare Babita Ashak  33) Sawant Aashwini punjaram  34) Pawar Sakshi Nanaji  35) Pawar Rajashri Milan  36) Dhondage Vaishnavi Vinayak  Celisse	24)	Bhamare harshal keshan	
1731 Ahmen poryanica Satish 1751 Borrose dnyaneshwari sharad 1781 Rathan Karima sadik 1791 Shaikh Alfiya Manjur 1801 Ahire Damini Rajendra 1801 Ahire Damini Rajendra 1801 Tadhau Aishwarya Mothabhau 1802 Kedare Bobita Ashok 1802 Rowart Aashwini punjaram 1802 Sawant Aashwini punjaram 1804 Pawar Sakshi Nanaji 1806 Dhondage Vaushnavi Vinayak 1807 Dhondage Vaushnavi Vinayak			
29) Shaikh Alfiya Manjur  30] Ahire Damini Rajencha  31) Jadhau Aishwarya Mothabhau Madhab  32) Kedare Bobita Ashok  33) Sawant Aashwini punjaram samut.  34) Pawar Sakshi Nanaji fle'  35) Pawar Rajashri Milan  36) Dhondage Vaushnavi Vinayak  Weiisk	( P)	Ahmen portuguica Scotish	
29) Shaikh Alfiya Manjur  30] Ahire Damini Rajencha  31) Jadhau Aishwarya Mothabhau Madhab  32) Kedare Bobita Ashok  33) Sawant Aashwini punjaram samut.  34) Pawar Sakshi Nanaji fle'  35) Pawar Rajashri Milan  36) Dhondage Vaushnavi Vinayak  Weiisk		Borrose dryaneshwari Sharad	
30) Shaikh Alfiya Manjur  30) Ahire Damini Rajenchra  31) Jadhau Aishwarya Mothabhau Madhab  32) Kedare Bobita Ashok  33) Gawant Aashwini punjaram sawant.  34) Pawar Sakshi Nanaji  35) Pawar Rajashri Milan  36) Dhondage Vaushnavi Vinayak  "Celisal"	787	pathan Karima sadik	
30) Ahire Damini Rajenchia 31) Jadhau Aishwarya Mothabhau Madhab 32) Kedare Bobita Ashok 33) Gawant Aashwini punjaram sawant. 34) Pawar Sakshi Nanaji fle' 35) Pawar Rajashri Milan 36) Dhondage Vaushnavi Vinayak (Celisal			1
31) Jadhau Aishwarya Mothabhau Madhab 32) Kedare Bobita Ashok Bas.  33) Sawant Aashwini punjaram samut.  34) Pawar Sakshi Nanaji fle'  35) Pawar Rajashri Milan  36) Dhondage Vaushnavi Vinayak (Ceirsel		Ahire Damini Rajencha	
32) Kedare Bobita Ashok  33) Sawant Aashwini punjaram sawant.  34) Pawar Sakshi Nanaji fle'  35) Pawar Rojashri Mijan  36) Dhondage Vaishnavi Vinayak (Ceirsel	31)		
33) Sawant Aashwini punjaram samus. 34) Pawar Sakshi Nanaji fle' 35) Pawar Rajashri milan 36) Dhondage Vaishnavi Vinayak "Veiisel"	32)	Kedare Bobita Ashok	
34) Pawar Sakshi Nanaji 35) Pawar Rajashri Milan 36) Dhondage Vaishnavi Vinayak "Veirse	33)	Sawant Aashwini punjaram	
	34)		41 .
		Pawar Rajastri milan	BR
	36)	Dhondage Vaishnavi Vinayak	40 E11'58
	37)	Ahire Ohanashri Makendra	The
38] sonawane Madhuri pruthviraj Mes-			Mes
39] Ahire Swati Tulshidas	39]		-Mr
40) Pagar Harshada Dodhu Doggar	40)		Apag or
41) Jadhav Bhagyshri Pandit		Jadhav Bhagyshn Pandit	60 Johns
42) Gangurde Sakshi Dadaji Sotrfull		Gongurde Sakshi Dadaji	Sotryall
43) Borse Heatlasvi bhaskar Medshui			
44) Bhomare Nikita Shankar. Harrore			
45] Ahire Tanuja Bhila BAic	7	Ahire Manuja Bhila	
46] Ahire pooja valmik Pahin		Hore cools valmik	Pahh



1		
*	sonawane sanjivani pundlik	amin
38	Salwant Mikita Sunis	NSS
	Sawant Kaminil Himmal	KKawan
	chaitannya vitthal Deore	GDE ASE
45	Lad Mahioi Dipak	gus.
50)	Kapadnis Purva Gorach.	ProPagns .
53)	Gunjal Mayuzi Bhaskar	Manjou .
534)	Pawor Tejoshti Nivrutti	लीवार
55)	Kapadnis Pooja Dipak	papadnis.
56)	Pawar Pooja Satish	Fare
59	Shaikh Saniyanaj Atik	- Should
38	More Dirya Jagdish	Divya.
58>	Sulke Divycini Abbiman	Alutto,
60)	Sonawane Charushila hemant	Short-
54)		Umthuse
62)	Shewale Madhuri Shantaram	Black.
53)	Pagar Karina Sanjay Bhadane punam Rajendea	W.s. Pagar
63)	Bhadane punam Rovendea	pBhadane.
65)	Decre Vaishnavi sunil	(Mistina)
		,

HEAD

Department of Zoology (S.P.H. Arts, Sci. & Comm. College Nampur, Tal. Baglan (Nasik)



PRINCIPAL
Samajshree Prashantdada Hira
Arts, Science & Comm. College
Nampur, Tal. Baglan Dist. Nashr