Rayat Shikshan Sanstha's DADA PATIL MAHAVIDYALAYA, KARJAT Dist. Ahmednagar Sample Copy of **SHORT TERM COURSE** (Vermicomposting Technology) (2018-19)

Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, Certificate Course

In

"Vermicomposting Technology"

Organized By

Department of Zoology

In Collaboration With

Karmaveer Vidya Prabodhini

NOTICE

All the students of T.Y.B.Sc Zoology are hereby informed that Department of Zoology will arrange Certificate Course in "Vermicomposting **Technology**" from 02/08/2017 to 31/01/2018.

Interested students please contact Mr.M.R.Khan (Course Coordinator) at Department of Zoology.

Important notes:

- 1. Course fee Rs 100/- per participants.
- 2. Duration of the course-30 Hrs.
- 3. Lecture/Practical Timing-10:00 am to 11:00 am.
- 4. Course medium-English.

5. Evaluation by oral examination.

Department of Zoology.

O Principal,
Dada Patil Mahavidyalaya,
Karjat, Dist-Ahmednagar.



DEPARTMENT OF ZOOLOGY

Certificate Course In

"Vermicomposting Technology"

02/08/2017 to 31/01/2018

Course Objective and Outcome

Course Objectives:

- The students can understand the decomposition process and can convert into organic fertilizers.
- The students can understand the process of composting.
- Will help to maintain the environment pollution free and
- Will get the knowledge of biodiversity of local earthworms.

Course Outcome:

- Students will get the employment.
- They can generate employments.
- They will also turn towards organic farming.
- They can start short or large scale Vermicompost plant.

M.R.Khan,

Course Co-ordinator.

Dr.Indira i aul Head,

Department of Zoology.

Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, **Certificate Course**

"Vermicomposting Technology" Organized By

Department of Zoology In Collaboration With

Karmaveer Vidya Prabodhini **Syllabus**

Sr.No	Chapter	Sub Topics	Lectures	Practical's
1	Introduction to Vermiculture	Definition, Meaning and History	02	
2	Introduction of Earthworm	Systematic, Habit-Habitat Morphology, Anatomy of Earthworm Study of Life Stages, Enemies and Study of Worm Disease.	03	03
3	Useful Species of Earthworm	Local and Exotic Species	02	
4	Production of Organic Fertilizer	Preparation & Maintenance of Vermicomposting Bed	04	10
5	Economic Importance	Value in maintenance of soil structure, role as four r's of recycling reduce, reuse ,recycle, ,restore, plant waste collection	02	04
		Total	13	17

Board of Studies:

Dr.Mrs.I.M.Patil

Mr.M.R.Khan

Mr.D.S.Kumbhar

Shri Pokhale (External Expert)

M.R.Khan,

Course Co-ordinator.

Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar.

DEPARTMENT OF ZOOLOGY

Certificate Course

In

"Vermicomposting Technology" 02/08/2017 to 31/01/2018

WORK DISTRIBUTION

Sr.No.	Name of the Faculty	Theory + Practical's (In Hours)
1.	Dr.Mrs.I.M.Patil	08
2.	Mr.M.R.Khan	08
3.	Mr.D.S.Kumbhar	04
4.	Mr.S.A.Shaikh	04
5.	Mr.G.Z.Jamdade	02
6.	Miss.R.J.Shinde	04

Course Co-ordinator.

Principal, Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar.



DEPARTMENT OF ZOOLOGY

Certificate Course

In

"Vermicomposting Technology"

Course Objective and Outcome

Course Objectives:

- The students can understand the decomposition process and can convert into organic fertilizers.
- The students can understand the process of composting.
- Will help to maintain the environment pollution free and
- Will get the knowledge of biodiversity of local earthworms.

Course Outcome:

- Students will get the employment.
- They can generate employments.
- They will also turn towards organic farming.
- They can start short or large scale Vermicompost plant.

Syllabus

Theory Total Hours-13

- 1) Introduction to Vermiculture- Definition, meaning, history, economic importance, Value in maintenance if soil structure.
- 2) Production of organic fertilizers.
- 3) Transformation process in organic matter.
- 4) Useful species of earthworms- Local species of earthworms, Exotic species of earthworms.
- 5) **Key to identify the species of earthworms-** Biology of *Eisenia fetida*, Taxonomy, Anatomy, Physiology and Reproduction of Lumbricidae, Vital cycle of *Eisenia fetida*.
- 6) Biology of Eudrilus eugeniae, Taxonomy, Anatomy, Physiology and Reproduction of Eudrilidae, Vital cycle of Eudrilus eugeniae.
- 7) Small scale earthworm farming for home gardens-Earthworm compost for home gardens.
- 8) Conventional commercial composting-Earthworm composting larger scale.



- 9) Earthworm farming (Vermiculture), Extraction (harvest), Vermicomposting.
- 10) Nutritional composition of vermicompost for plants, comparison with other fertilizers.
- 11) Vermiwash collection, composition & use.
- 12) Enemies of earthworms, sickness and worm's enemies.

Practical's

Total Hours-17

- 1) Key to identify different types of earthworms.
- 2) Study of systematic position, habits, habitat & external characters of Eisenia fetida.
- 3) Study of life stages and development of Eisenia fetida
- 4) Study of life stages and development of Eudrilus eugeniae.
- 5) Comparison of morphology and life stages of Eisenia fetida and Eudrilus eugeniae.
- 6) Study of Vermiculture, Vermiwash and Vermicompost equipments, devices.
- 7) Preparation of vermibeds, maintenance of Vermicomposting and climatic conditions.
- 8) Study of worms diseases and enemies.
- 9) Study the effects of Vermicomposting and vermiwash on any two short duration crop plants.

References:

- 2. Bhatt J.V. & S.R. Khambata (1959) "Role of Earthworms in Agriculture" Indian Council of Agricultural Research, New Delhi
- 9. Dash, M.C., B.K.Senapati, P.C. Mishra (1980) "Verms and Vermicomposting" Proceedings of the National Seminar on Organic Waste Utilization and Vermicomposting Dec. 5-8, 1984, (Part B), School of Life Sciences, Sambalpur University, Jyoti Vihar, Orissa.
- 10. Edwards, C.A. and J.R. Lofty (1977) "Biology of Earthworms" Chapman and Hall Ltd., London.
- 11. Lee, K.E. (1985) "Earthworms: Their ecology and Relationship with Soils and Land Use" Academic Press, Sydney.
- 12. Kevin, A and K.E.Lee (1989) "Earthworm for Gardeners and Fisherman" (CSIRO, Australia, Division of Soils)
- 13. Rahudakar V.B. (2004). Gandul khatashivay Naisargeek Paryay, Atul Book Agency, Pune
- 14. Satchel, J.E. (1983) "Earthworm Ecology" Chapman Hall, London.
- 15. Wallwork, J.A. (1983) "Earthworm Biology" Edward Arnold (Publishers) Ltd. London.

Board of Studies:

Dr.Mrs.I.M.Patil Mr.M.R.Khan Mr.D.S.Kumbhar Shri Pokhale (External Expert)



DEPARTMENT OF ZOOLOGY

Certificate Course In

"Vermicomposting Technology"

01/01/2017 to 31/01/2017

30 Hrs.

SYLLABUS

Theory-

- 1) Introduction to vermiculture. Definition, meaning, history, economic important, their value in maintenance of soil structure.
- 2) Production of organic fertilizers. SAS
- 3) Transformation process in organic matter. -SPS
- 4) Useful species of earthworms. Local species of earthworms. Exotic species of earthworms.
- 5) Key to identify the species of earthworms. Biology of *Eisenia fetida*, Taxonomy Anatomy, physiology and reproduction of Lumbricidae, Vital cycle of *Eisenia fetida*.
- 6) Biology of *Eudrilus eugeniae*. Taxonomy Anatomy, physiology and reproduction of Eudrilidae, Vital cycle of Eudrilus eugeniae.
- 7) Small scale Earthworm farming for home gardens, Earthworm compost for home gardens. 27 IMP
- 8) Conventional commercial composting,- Earthworm Composting larger scale _ MRK
- 9) Earthworm Farming (Vermiculture), Extraction (harvest), vermicomposting harvest and processing.

 → → ← ←
- 10) Nutritional Composition of Vermicompost for plants, comparison with other fertilizers. —MRK
- 11) Vermiwash collection, composition & use. MRK
- 12) Enemies of Earthworms, Sickness and worm's enemies. -GZ



Practical Course-

12 Hrs

- 1) Key to identify different types of earthworms MPL
- 2) Field trip- Collection of native earthworms & their identification MPK
- 3) Study of Sytematic position, habits, habitat & External characters of Eisenia fetida & K
- 4) Study of Life stages & development of Eisenia fetida
- 5) Study of Life stages & development of Eudrilus eugeniae &5 K
- 6) Comparison of morphology & life stages of Eisenia fetida & Eudrilus eugeniae
- 7) Study of Vermiculture, Vermiwash & Vermicompost equipments, devices.
- 8) Preparation vermibeds, maintenance of vermicompost & climatic conditions.
- 10) Study of verms diseases & enemies. GZJ,
- 11) Study the effects of vermicompost & vermiwash on any two short duration crop plants.
- 12) Field Visit to large scale vermicenter.
- 13) Submission of practical record.

4 Hrs.

Course Coordinator

Head

Department of Zoology.

Principal,

Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar.

DEPARTMENT OF ZOOLOGY

Certificate Course In

"Vermicomposting Technology"

02/08/2017 to 31/01/2018

Course Objective and Outcome

Course Objectives:

- The students can understand the decomposition process and can convert into organic fertilizers.
- The students can understand the process of composting.
- Will help to maintain the environment pollution free and
- Will get the knowledge of biodiversity of local earthworms.

Course Outcome:

- Students will get the employment.
- They can generate employments.
- They will also turn towards organic farming.
- They can start short or large scale Vermicompost plant.

M.R.Khan,

Course Co-ordinator.

Dr.India rail Head,

Department of Zoology.

Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, DEPARTMENT OF ZOOLOGY Certificate Course In

"Vermicomposting Technology" (2017-2018) <u>Attendance</u>

Sr	Name of the Student	Class	4	_ 1	(for	+	102	200	F 7	-	14	1	1	14	4	- La	1	1			_			~			E 0 0	<u>دا</u> ۵	0 9	9/02
No			F10.918	- 0		118/8	18/0	5 5	200	50	18/041	1611	_	8/16/1	_	द्यागि	202	Flat !!!	111/201	111 /201	=	112/2017	12/201	112/201		2		02/0	10	0
1	/Bansode Ashwini Sakharam	T.Y.B.Sc.	Bull 2	Beinfile	Bern 15	and 5 23	Range S	-		Banks	12	Banks 4	M	_	Ball 5 2	Spage	Banks 11	8	M.	2	ST CHURCH		3	10	Tr Calum	Zon cal	2	7	Danks 24	1 Espanda
2	/Bobade Mohini Ramdas	T.Y.B.Sc.	B.M.R.	B.MR.		3 3	B. //·×	8.m.R		201	B.M.R	B.n.R.B	-	3.∏.₹		a		_	Z .	2 2 2 2	/	28	2		D W D		7	B·m R	4	44
3	/Chavan Sakhubai Prallhad	T.Y.B.Sc.	_	dolado	chalan	_	Challen	\ \	Change (halah	P grap 9	-	-		A	-	CONDON B	-	9		4	d do you		رهم ا		Chaven B.		havan	
4	/Dande Komal Dhananjay	T.Y.B.Sc.	Bhandekn Chasen	Dande-Line		Sander FOCTON Van	ander		Dhand etb	5 hondebig	onde-KD.C	D handete	andck.)		Phande.t	OI -		€ . g	a de la compansión de l	219		1	ند کو	4	1 2	ande	Jan.	4		mp.
5	/Galande Kalpana Narayan	T.Y.B.Sc.	Kapax (Kapon J	Dung .	Kal Porply	a Bons	rependen	Pop			o mados	al Pong Div	2	9	a pend	Dug	734	Colone No.	1	Posses in	2		1		caperoph		- Dhan	-	Kalpany phond
5	/Gangarde Arti Rajendra	T.Y.B.Sc.	JYti C	2 ter	Antio K	- NEAC	- (0	Acti K	ntig	1		4	4	-	<u>ပ</u>	O	410+10-A	- -	DiteM	1		1 0 He	Y	0	ASHIGA	U		10011		الد
7	/Janjire Komal Barikrao	T.Y.B.Sc.	MARIA	J. BINE	Ø d	7 2		*	J-P.M.	-	v	THE COLOR		1 2	_	1	2 6		1	1 1 0	5	À		RIX Trat	A XI C		A A	38		3
3	/Janjire Pallavi Manohar	T.Y.B.Sc.	a Jacim	Palloui m	D. Newiga	Pallousia	Pal 001,17	1	1	Paller	dinor	3	allown	dildbir.	7	Pallonim	┪-	4 100 m	000	-	1.	acim	10 vin	Pallouin 1	dlacko.	a and	Sur m	-	-	anj (ha
	/Janjire Priyanka Indrabhan	T.Y.B.Sc.	0	dhigane D	angre p	Ing No.		200	d Merk	9	T C	ولاقتاد	anger -		S Joseph	7	OLD KAT	Julee P	P	, uchem	2 menes	Joseph C	25	(konsee [pol)		1	Method	Mean	272	क्षिण्डिक विम
0	/Kadam Pratiksha Kalyan	T.Y.B.Sc.	3 3		7 1	1 3	3	3	3	1	3 7	5	<u> </u>	-	4	P _	-		7,4	0	ラ	3	1.5	S		P.C.	9	3	5	3



1	1 /Kamble Usha Devidas	T.Y.B.Sc.	
12	2 /Lalge Pallavi Dilip	T.Y.B.Sc.	
13	/Mulik Rukmini Janardan	T.Y.B.Sc.	
14	/Netake Monika Navnath	T.Y.B.Sc.	
15	/Pawar Sonali Rajendra	T.Y.B.Sc.	
16	/Raut Dipali Sharad	T.Y.B.Sc.	The state of the s
17	/Rodge Pooja Tukaram	T.Y.B.Sc.	
18	/Sautade Priyanka Jyotiram	T.Y.B.Sc.	THE STATE OF THE S
19	/Sayyad Safiya Mohamad	T.Y.B.Sc.	REE BERE BERE BEREE BEREE
20	/Shelar Dipali Dattatray	T.Y.B.Sc.	
21	/Shelar Manisha Haribhau	T.Y.B.Sc.	and
22	/Shinde Namrata Deepak	T.Y.B.Sc.	
23	/Thakar Pratiksha Suryakant	T.Y.B.Sc.	Structure Struct
4	Bidgar Akash Dhondiba	T.Y.B.Sc.	
		2 3 2	SZERZE SEESES EDEBEREE EDE



								_		
		30	20	29		28	27		26	25
		Sal	2	Raı	į	Kale	Kad		Jagt	Dev
lea	3	Sarode Tejes Kailash		Raut Dipak Sadashiv	012	Sh	Kadam Kailas Dada		Jagtap Vasudev Ramesh	Devganakar Saurabh Anil
Teacher's Name& Signature		ı ejes	7 -	pak S	717.0	Shankar D	⟨aila		asud	kar S
S N	:	Kail	7	adas	7	D	s Da		ev R	Saure
ne&	,	ash	-	hiv			da		ame	ıbh ∕
Signa									3	mil
ature										
		T.Y.B.Sc		T.Y.B.Sc.	T.Y.B.Sc		T.Y.	::	- T	T.Y.
0 1		3.Sc.		B.Sc.	B.Sc.		T.Y.B.Sc.	1.1.D.SC.	G C	T.Y.B.Sc.
Matt Dr. I-M. Patil	=	=ande	Buch	Pe	handar da	المساء	m	ant.	Day	A
Mr. M. R. Khan	-5	ande. 7	faut		anvan				2019	
Math Dr. I. M. Patil			Raut	de	short	Lacodo	on I	eglal	20Y9	
The Mr. M.R. Khan	-	smade]	Rawle	JP 8	hankap	kadn	2 1	reviel		
Swith Mr. S. A Shaikh		arode	-	1				1910		
Mart Dr. I. M. Patil	5	crose	But d			Leedy				
Ginder Mr. S.A. Shaikh			Rauto		handa	-	J	09 rd	DEME	
OBO2 Mr. D.S. Kumbhar	2	grade 7	Rauto	_	em too	Hadh		grat	Ook o	
Mr. M. R. Khan			Raid				J	prof	D 6\1	m
Man Dr. E.M. Patil	S	arode.	Paulo	-	an ba	Kado	2 Jo	graf		
Mrs. D.S. Kumbhar	59	15000.7	Ravid	-		-de		god		aff
ller pr. MiRikhan	S	aredes	-		ankap	Lada	2 10	2974		-
Swith Mr. S.A. Shaikh			Bato.			1. 1.	10	great		_
Mr. D.s. Kumhar	5	200de.7	27,11	2		Coch		PIP	m Ow	~
Simile O. T. Tambale	50	rode T	auto	15	ania	1. 6.0	100	974	neker)	7
11/11/1	Sa	rode.T	,	Sp	an roo	and a	130	J. P.	De. Del	***
Mat Dr. I.M. Patel	30	rode T	autd	Sh	mber	fed man		- 4	Dodi	7
Mr. D. S. Kumbhar		1	aut d.	The	On Loto	cadom		Map		-
2002 Mr. D.S. Kumbhar		vode!		60	ankar		Jak	100		+
Shairs Mr. S.A. Shaikh	In	rodeT 1			6	aday)	Tag	TOP 8	engina	
Wr. M. R. Khan		1	autde	on:	mber 1	1	TOO	10	Man	1
Genels G. J. Jamdade	200	some.	auto	96	mo	don)	799		even	
Mr. D.S. Kumbhar	50	200E		S	AN	coden	J99	100	Pen	
Mr. Ds. Kumkhar	San	rode T Ja	auto-p	_	1	edal	Jag	#	(UBa	
dille - an - a a al i	san	ade)					Ton	\square		1
Model Dr. I.M. Patu	Sar	17.		9m	nkolo	uden		(A)	part part	1
tur Mr. M. R. Khan	500	odeT	audale	gh	me		Task		98V=	_
Eur Mr. D.S. Kumehar			udd a	Sha	mby L	als	-198	# D	8 BV)	
, , , , ,		Tet	utde	Sh	men		100	-		

Devganakar Saurabh Anil



Department of Zoology

Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar,

Certificate Course

"Vermicomposting Technology"

Department of Zoology 2017-18 certificate distribution.

	certificate distribution)·
Sr.No.		
01	/Bansode Ashwini Sakharam	Pansade
02	/Bobade Mohini Ramdas -	Boberde
03	/Chavan Sakhubai Prallhad	Corners
0.4	Dande Komal Dhananjay	Domen
05	Galande Kalpana Narayan .	Solemele
06	Gangarde Arti Rajendra	Arangeirele.
07	/Janjire Komal Barikrao .	- mini-
08	Janjire Pallavi Manohar -	Paris
09	/Janjire Priyanka Indrabhan	R Jensid
10	/Kadam Pratiksha Kalyan	fadamt,
11	/Kamble Usha Devidas ,	kambleva
12	/Lalge Pallavi Dilip .	@1d9e.
13	/Mulik Rukmini Janardan ·	Singe.s.L
14	/Netake Monika Navnath ,	Phika.
15	/Pawar Sonali Rajendra	Jerali'



16	/Raut Dipali Sharad -	Parth
17	/Rodge Pooja Tukaram	Parts.
18	/Sautade Priyanka Jyotiram	(Direction)
19	/Sayyad Safiya Mohamad	
20	Shelake Dipali Dattatray .	Challeon. D.
21	/Shelar Manisha Haribhau	Shell <e0.0.< th=""></e0.0.<>
22	/Shinde Namrata Deepak	Shelgr mit
23	/Thakar Pratiksha Suryakant	Garige
24	Bidgar Akash Dhondiba	00, 1,
25	Devganakar Saurabh Anil	0.441
26	Jagtap Vasudev Ramesh	T
27	Kadam Kailas Dada	-XMX
28	Kale Shankar R	
29	Raut Dipak Sadashiv	()fus
30	Sarode Tejes Kailash	Roud tripol
31	Ekud Ganesh Surjakunt	skerd.c.

M.R.Khan,

Course Co-ordinator.



DrHpglija Patil

Department of Zoology

Rayat Shikshan Sanstha's Dada Patil Mahavidyalaya, Karjat

Department of Zoology

SHORT TERM COURSE IN VERMICOMPOSTING TECHNOLOGY (2017-2018)

Sr.No.	Name of the Student's	Amount	Sign
1	/Bansode Ashwini Sakharam	100	Private:
Λ 2	/Bedre Rohini Vilas		
3	/Bobade Mohini R.	100	BobadeMR
4	/Chavan Sakhubai P.	100	(B)
5	/Dande Komal Dhananjay	100	Komal
6	/Galande Kalpana Narayan ,	100	Galande Kitt.
7	/Gangarde Arti Rajendra .	100	Ajangereds.
8	/Janjire Komal Barikrao	100	mi.
9	/Janjire Pallavi Manohar	100	He
10	/Janjire Priyanka Indrabhan	100	-10B
11	/Kadam Pratiksha Kalyan	100	Sadeim)
12	/Kamble Usha Devidas	100	Kambleva
13	/Lalge Pallavi Dilip	100	Plane
14	/Mulik Rukmini Janardan 🧸	100	Thelist
A 15	/Narsale Prithavi Bapu	*	,
A 16	/Narsale Prithvi B.		
17	/Netake Monika Navnath	100	mike.
A 18	/Pawar Jyoti Dasharth		
19	/Pawar Sonali Rajendra	100	Forali
20	/Raut Dipali Sharad	100	Soulle
21	/Rodge Pooja Tukaram	(00	Roju-
22	/Sautade Priyanka Jyotiram	100	(China)
23	/Sayyad Safiya Mohamad	Ab	
24	/ShelanDipali Dattatray	100	stelledas.
25	/Shelar Manisha Haribhau	100	Shelar mil



26	/Shinde Namrata Deepak		10.0	Daving gara Da
27	/Thakar Pratiksha Suryakant		100	Thus
28	Bidgar Akash D.	•.	100	Moderan
29	Devganakar Saurabh A.		100	Burash
30	Jagtap Vasudev 🗨	4.	100	
31	Kadam Kailas D.		100	Santer -
32	Kale Shankar 13		100	garder-
A 33	Nikat Akshay D.	and the second of		
34	Raut Dipak Sadashiv		100	Rough
35	Sarode Tejes Kailash	•	100	Jujas
36	Ekad Ganesh S	9	100	
37				
38				
39				
40				



Dada Patil Mahavidyalaya, Karjat, Dist-Ahmednagar, Certificate Course

"Vermicomposting Technology" Organized By

Department of Zoology Students Feedback (2017-2018)

Please Tick ($\sqrt{\ }$) The Appropriate Option

Sr.No.	Name of the Student's	Very Good	Good	Average	Signature
01	/Bansode Ashwini Sakharam		1		Banas
02	/Bobade Mohini Ramdas				BIME
03	/Chayan Sakhubai Prallhad	/			davan SP
04	/Dande Komal Dhananjay	New A	~		Ohardehi
05	/Galande Kalpana Narayan			~	
06	/Gangarde Arti Rajendra				
07	/Janjire Komal Barikrao				
08	/Janjire Pallavi Manohar				-
09	/Janjire Priyanka Indrabhan				
10	/Kadam Pratiksha Kalyan				
11	/Kamble Usha Devidas				
12	/Lalge Pallavi Dilip	260			- 24
13	/Mulik Rukmini Janardan				
14	/Netake Monika Navnath			*	
15	/Pawar Sonali Rajendra		4		
16	/Raut Dipali Sharad				
17	/Rodge Pooja Tukaram	****			
18	/Sautade Priyanka Jyotiram	~			
19	/Sayyad Safiya Mohamad		V		3
20	/Shelar Dipali Dattatray	/			
21	/Shelar Manisha Haribhau				
22	/Shinde Namrata Deepak				
23	/Thakar Pratiksha Suryakant		/		
24	Bidgar Akash Dhondiba		~		
25	Devganakar Saurabh Anil	~			
26	Jagtap Vasudev Ramesh				
27	Kadam Kailas Dada				
28	Kale Shankar R				
29	Raut Dipak Sadashiv				Rautos
30	Sarode Tejes Kailash		~		Tejassk

Course Co-ordinator.

Mah.

Department of Zoology

DADA PATIL MAHAVIDYALAYA, KARJAT.

Dist. Ahmednagar.

DEPARTMENT OF ZOOLOGY

Certificate Course in Vermicomposting Technology (2017-2018)

REPORT

3/02/2018

Now a days people shows lot of interest in Vermicomposting due to increasing environmental concerns and use of sustainable fertilizers. Vermicomposting is the Ecofriendly method of converting organic waste into nutrient rich fertilizer. It will help to keep the environment pollution free and students can get the knowledge of biodiversity of local earthworms. From this course the students can understand the process of composting using earthworm species *Eisenia foetida*. Beside the subject knowledge ,their commercial application should to be taken into consideration for self-employment as our students are mostly having rural & farming background .By considering this to make our student self-reliable & competent. Department of Zoology has organized short term course on "Vermicomposting Technology" for the academic year 2017-2018 For this year, 30 students have registered their names and actively participated in this course. The course was started on 02/08/2017 and completed on 31/01/2018. All the faculty members were involved in lectures and practicals as per syllabus distributed within 60 days. At the end of the course, a 50 Marks exam was conducted and certificates were distributed to qualified students.

Head,
Department of Zoology

