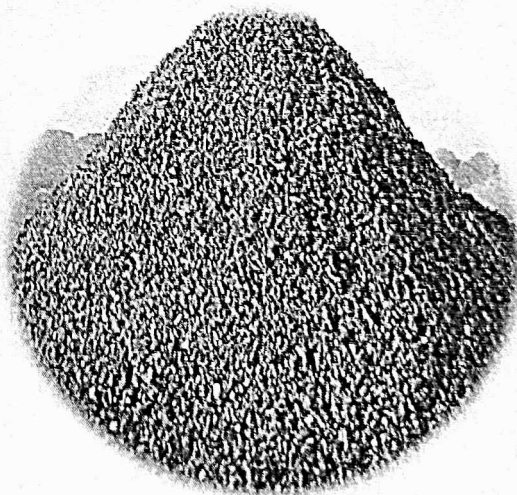
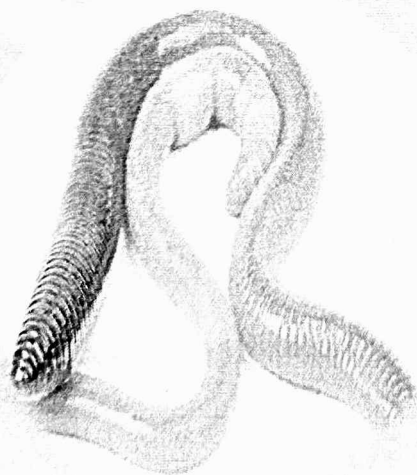
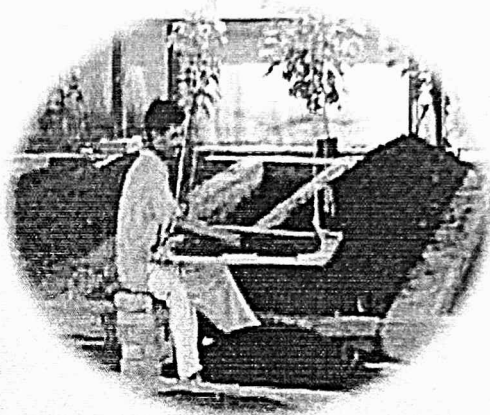




B.L.D.E. Associations

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VIJAYAPUR-586103



VALUE ADDED COURSE-VERMITECHNOLOGY

DEPARTMENT OF ZOOLOGY

2019-20

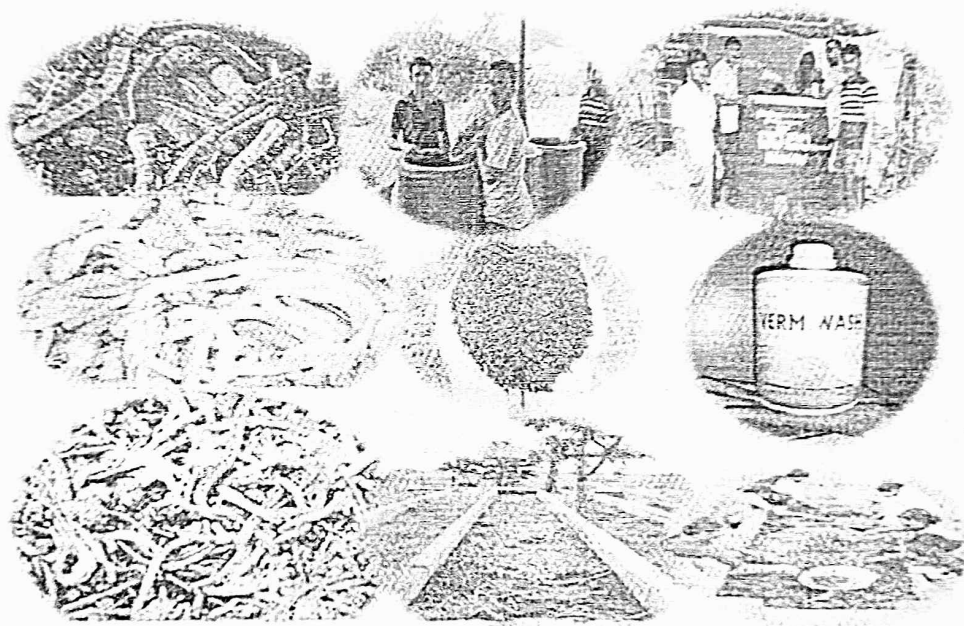


B.L.D.E. Association's



**SB ARTS AND KCP SCIENCE COLLEGE,
VIJAYAPUR-586103**

DEPARTMENT OF ZOOLOGY



**VALUE ADDED COURSE IN
VERMITECHNOLOGY**

2019 - 20

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B.L.D.E.ASSOCIATION'S
S. B. ARTS AND K. C. P. SCIENCE COLLEGE, VIJAYAPUR
ACCREDITED at 'A' Grade in 3rd Cycle by NAAC
Phone: (08352) – 261766, (08352) 262770 Extn. 2223, 2224
Fax: 08352 – 261766 E-mail: bldeasbkcp@gmail.com Web: www.bldeasbkcp.org



Date:23.12.2019

DEPARTMENT OF ZOOLOGY

NOTICE

It is hereby informed to the students of B.Sc II semester that the Department of zoology is conducting Value added course in Vermitechnology from 06.01.2020 To 13.04.2020 So the interested students can register their names before 28.12.2019.


Head of the
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Bijapur

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S.B. ARTS & K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF ZOOLOGY
VALUE ADDED COURSE: VERMITECHNOLOGY

List of Faculty for Academic Year 2019-20

1. Prof. G.M.Meti.
2. Prof. B.S. Bagali.
3. Prof. S.B.Savalagi.



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B.L.D.E. Associations
S.B. ARTS & K.C.P SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF ZOOLOGY
Value Added Course in Vermitechnology

Enrolled Students List 2019-20

Sl.No	Name	Sl.No	Name
1	MADHU . BADIGER	26	VISHWAJEET . JADHAV
2	ROHINI . YELAMELI	27	KARTHIK . PATIL
3	VAIBHAV . KANNUR	28	AKASH . JANIWAR
4	VAIBHAV . KULKARNI	29	POOJA . MAGANGERI
5	NIVEDITA . SINGARADDI	30	AFRIN . BILAGI
6	SACHIN . MALLI	31	AAISHA . JAMADAR
7	SUDHA . CHAVAN	32	ARVIND . UTNAL
8	KARTEEK . METRI	33	SHRUTI . SHIRSHAYAD
9	SUSHMA . DANNUR	34	ANAND . GOKHLE URF KAMBLE
10	POOJA . TUMBAGI	35	SUDHAKAR . BIRADAR
11	SARITA . BELLUBHI	36	JYOTI . MALAGAR
12	VAIBHAV . KALADAGI	37	AMBIKA . BIDARAKOTI
13	SUMA . KUBASAD	38	RAMANNA . PUTANI
14	SHWETA . MUGIN	39	ANIL . PUJARI
15	SHUBHAM . HALLI	40	SANGEETA . KHAVASPUR
16	KHADAR PATEL . POLICE BIRADAR	41	SRUSHTY . SAVALI
17	PALLAVI . BENUR	42	ASHWINI . PUJARI
18	RASHMI . EVOORA	43	AISHWARYA . PUJARI
19	SHRILAXMI . KATTIMANI	44	ARATI . PATIL
20	TEJASHWINI . HITNALLI	45	PRIYANKA . DALAWAI
21	RENUKA . TONNE	46	VIJAYALAXMI . HEGADI
22	ISHWAR . KOTENNAVAR	47	RAJESHWARI . BHUYAR
23	POOJA . VAGGA	48	AISHWARYA . MADAGI
24	ASHWINI . POOJARI	49	SNEHA . SIRIGOUD
25	RAKSHITH . TUMBAGI	50	SHIVALINGAMMA . JAYAGOND

[Signature]
Head of the
Department of Zoology
S.B. Arts & K.C.P. Sc. College
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[Signature]
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DEPARTMENT OF ZOOLOGY
VALUE ADDED COURSE: VERMITECHNOLOGY

TIME -TABLE 2019-2020

Sl.No	DAY	TIME
1	Monday	05:00-06:00pm
2	Tuesday	05:00-06:00pm


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S.B.ARTS & KCP SCIENCE COLLEGE, VIJAYAPUR
DEPARTMENT OF ZOOLOGY
VALUE ADDED COURSE - VERMITECHNOLOGY
PAPER CODE - SBKCPZOO-01

Objectives: 1) To impart training on Earthworm culture technology
2) To create knowledge on Self-Employment opportunity

Maximum Marks-100

Total Hours-30

UNIT-I

INTRODUCTION

Definition and concept of vermiculture. Scope of vermiculture. Importance of soil organisms in vermitechnology. Advantages of vermiculture.

UNIT-II

BIOLOGY OF EARTHWORM

Types of Earthworm. External, Digestive system, Reproductive system. Life cycle, cocoon formation and population of earthworms.

UNIT-III

VERMICOMPOSTING TECHNIQUE AND METHODS

Preparation of small scale/ indoor Vermicomposting technique. Preparation of large scale/ outdoor Vermicomposting technique. Small scale Vermicomposting method. Large scale Vermicomposting method.

UNIT-IV

MANAGEMENT OF VERMICOMPOST

Selection of site and Earthworms. Factors affecting Vermicomposting – pH, Moisture, Temperature. Harvesting, Storage, Marketing and Applications of vermicompost.

UNIT-V

PRODUCTS OF VERMICULTURE

Vermicompost and its nutritive value (N.P.K). Vermiwash, Vermitea.

UNIT-VI

NATURAL ENEMIES OF EARTHWORM

Pests, parasites and pathogens affecting earthworm. Uses of earthworms in food and medicine - ayurvedic and unani. Recycling of food wastes in vermitechnology

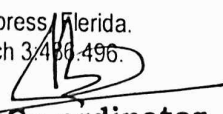
EXAMINATION PATTERN

THEORY		
ANNUAL	FIELDWORK	TOTAL MARKS
80	20	100

REFERENCES

1. Introduction to Economic Zoology by S.Sarkar, G.Kundu and K.K.Chaki, 2014. New Central Book Agency Ltd. London.
2. Applied Zoology by N.Arumugam, T.Murugan, J.J.Rajeswar and R.R.Prabu, 2015, SARAS PUBLICATION, Nagarcoil.
3. Economic Zoology by Upadhyay et.al.
4. Economic Zoology by Javed.
5. Earthworm ecology by C.A.Edwards, 1998. CRC press, Florida.
6. Earthworm and Vermicomposting, Indian J Biotech 3:486-496.


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DEPARTMENT OF ZOOLOGY

Attendance 2019-20

SL.No	Name	6/1	7/1	13/1	14/1	20/1	21/1	27/1	28/1	3/2	4/2	10/2	11/2	17/2	18/2	24/2
1	MADHU . BADIGER															
2	ROHINI . YELAMELI															
3	VAIBHAV . KANNUR															
4	VAIBHAV . KULAKARNI															
5	NIVEDITA . SINGARADDI															
6	SACHIN . MALLI															
7	SUDHA . CHAVAN															
8	KARTEEK . METRI															
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23	POOJA . VAGGA															
24	ASHWINI . POOJARI															
25	RAKSHITH . TUMBAGI															

continued



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Department of Zoology Notice

Date: 14.07.2020

It is here by informed all the B.sc students who has enrolled their names for Sericulture and Vermitechnology are promoted on the basis of attendance and their involvement during classes and field work due to the pandemic covid-19.


H.O.D. of the
Department of Zoology
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I.C.C. Co-ordinator
S.B.Arts & K.C.P.Science College
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SB ARTS & K.C.P.SCIENCE COLLEGE BIJAPUR
DEPARTMENT OF ZOOLOGY
VALUE ADDED COURSE
VERMITECHNOLOGY

REPORT

Department of Zoology has conducted Value added course for B.sc II sem students on Vermitechnology for the academic year 2019-20. The duration of certificate course is 30 hrs. Theory and practical classes were conducted for 50 students who have enrolled their names for the course.

Vermicomposting is a simple technology for converting half decomposed organic waste into organic compost with the help of Earthworms. On one hand organic farming is gaining its popularity. And on the other hand Solid Waste Management problem has been an issue of global threat. The best option to merge these through Vermicomposting.

In our college, we have conducted this course to educate the students with the importance of vermitechnology. The main aim of the course is to provide full proof knowledge of subject, Bring about decomposition of organic matter, Decreases the use of chemical Fertilizers which can damage the soil Properties, To enhances the plant growth and yield, increases the water retention capacity of the soil and it can be a best option for entrepreneurship.

Training the students with all the above mentioned advantages of vermitechnology, we have prepared vermicompost, At the end of the course, we have collected 165 kg of vermicompost which is called as "BLACK GOLD. It was utilized for the college garden as nutrient rich organic fertilizer which has made tremendous changes in the plant growth.

NOTE: Due to pandemic, the exams were not conducted. As per the UGC Guidelines Certificates will be provided to the students who have enrolled their name for Vermitechnology.


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Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. VAIBHAV. KULKARNI

has Completed the Value Added Course on VERMITTECHNOLOGY

Conducted by the Department of ZOOLOGY during the

Year 2019-20

Principal,

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VIJAYAPUR

Head of the Department

Co-ordinator,

Co-Ordinator, IQAC

Principal

IQAC, Co-ordinator

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Principal



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Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. VATSBHAV. KANNUR

has Completed the Value Added Course on VERMITECHNOLOGY

Conducted by the Department of ZOOLOGY during the

Year 2019 - 20

[Signature]
Principal,

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[Signature]
Co-Ordinator, IQAC

[Signature]
IQAC, Co-ordinator
S.B. Arts & K.C.P. Science College
Vijayapur.

[Signature]
Principal

Co-Ordinator, IQAC

Head of the Department



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(Re-Accredited by NACC at 'A' Level in 3rd Cycle)

Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. ROHINI. VELAMELI

has Completed the Value Added Course on VERMITTECHNOLOGY

Conducted by the Department of ZOOLOGY during the

Year 2019 - 20

[Signature]
Principal,

S.B. Arts and KCP Science College

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[Signature]
IQAC, Co-ordinator

S.B.Arts & K.C.P.Science College,

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Co-Ordinator, IQAC

Head of the Department



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Internal Quality Assurance Cell Initiative

VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. MADHU BADIGER
has Completed the Value Added Course on VERMITTECHNOLOGY
Conducted by the Department of ZOOLOGY during the

Year 2019-20

[Signature]
Principal,

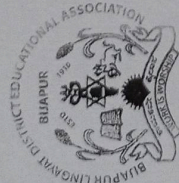
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Head of the Department

[Signature]
Co-ordinator, IQAC

[Signature]
Co-ordinator

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Vijayapur
Principal



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Internal Quality Assurance Cell Initiative



VALUE ADDED COURSE

Certificate

This is to certify that Mr./Ms. KARTEK. METRI

has Completed the Value Added Course on VERMITECHNOLOGY

Conducted by the Department of ZOOLOGY during the

Year 2019-20

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