

**H.K.E Society's**  
**Smt. Veeramma Gangasiri Degree College & P.G. Centre for Women,**  
**Kalaburagi.**

**Report**  
**Certificate course**

on  
*Vermicompost Technology*

**Organized by**  
**Department of Zoology**  
**From 19<sup>th</sup> Feb to 20<sup>th</sup> March 2019**

*Mah*

Ref. No. HKES/SGWCK/ 2018-19

Date: 9<sup>th</sup> Feb. 2019

To,  
The Principal  
Smt. V G Degree College for Women  
Kalaburagi

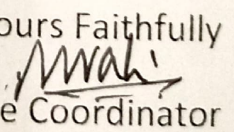
Sub: Request to accord permission to conduct **Certificate course in Vermicompost technology Reg.**

Respected sir,

With reference to above cited subject we would like to conduct Certificate Course in Vermicompost Technology in the Department of Zoology from 19th Feb to 20th March 2019, for the B. Sc II Sem students.

Hence, I kindly request you to permit us to conduct certificate course on the above dates and do the needful.

Thanking you.

Yours Faithfully  
  
Course Coordinator

*"An enlightened woman is a source of infinite power"*



ಹೈದರಾಬಾದ ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ  
ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಪದವಿ ಮಹಿಳಾ  
ಮಹಾವಿದ್ಯಾಲಯ ಹಾಗೂ ಸ್ನಾತಕೋತ್ತರ ಕೇಂದ್ರ ಕಲಬುರಗಿ

Hyderabad Karnataka Education Society's  
Smt. Veeramma Gangasiri  
Degree College & PG Centre for Women

PDA Engg. College-Rly. Station Road - Kalaburagi-585 102 - Karnataka - Phone : 08472-220374

Ref. No. HKES/SVGWCK/ 2018-2019

Date: 11<sup>th</sup> Feb 2019

To,

The Dr. Raju Teggalli  
Senior Scientist and Head  
K.V.K. Kalaburagi.

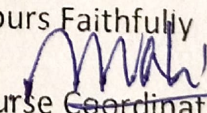
Sub: Request to attend the BOS Meeting for certificate course in Vermicompost technology.

Respected sir,

With reference to above cited subject we would like to conduct Certificate Course in Vermicompost Technology in the Department of Zoology from 19<sup>th</sup> Feb to 20<sup>th</sup> March 2019, for the B.Sc students.

Hence, I kindly request you to attend the BOS Meeting on 16<sup>th</sup> Feb 2019 for certificate Course in Vermicompost technology.

Thanking you

Yours Faithfully  
  
Course Coordinator



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NAAC Accredited "A" Grade (3rd Cycle) Affiliated to Akkamahadevi Women's University, Vijayapura  
UGC 2(F) 12(B) - E-mail : hkesvgwgcg1965@rediffmail.com - website : www.vgcollege.org





11<sup>th</sup> Feb 2019

To,

The Dr. Ravikiran K.  
Asst prof, Dept of entomology.  
UAS, BKVK, BENGALURU.

Sub: - Request to attend the BOS Meeting for Certificate course in Vermicompost technology.

Respected sir,

With reference to above cited subject we would like to conduct Certificate Course in Vermicompost Technology in the Department of Zoology from 19th Feb to 20th March 2019, for the B. Sc students.

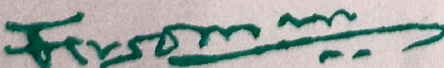
Hence, I kindly request you to attend the BOS Meeting on 16<sup>th</sup> Feb. 2019 for Certificate course in Vermicompost technology.

Thanking you.

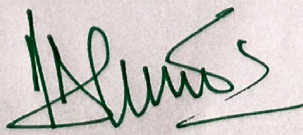
Yours Faithfully

Mvali

Course Coordinator

  
PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA

S. G. Gounbali  
IQAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102



ಹೈದರಾಬಾದ ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ  
ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಪದವಿ ಮಹಿಳಾ  
ಮಹಾವಿದ್ಯಾಲಯ ಹಾಗೂ ಸ್ನಾತಕೋತ್ತರ ಕೇಂದ್ರ ಕಲಬುರಗಿ

Hyderabad Karnataka Education Society's  
Smt. Veeramma Gangasiri  
Degree College & PG Centre for Women


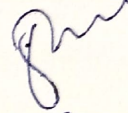

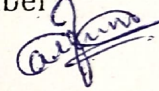
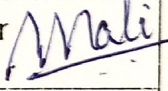
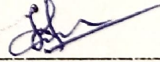
PDA Engg. College-Rly. Station Road - Kalaburagi-585 102 - Karnataka - Phone : 08472-220374

Ref. No. HKES/SVGWCK/ 2018-19

Date : 15<sup>th</sup> Feb 2019

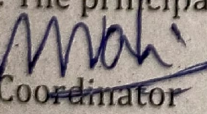
### Meeting of BOS members.

A meeting is organised on 16 February 2019, at 11:30 A.M in Department of Zoology, Smt. V.G.Degree College for women Kalaburagi. Hence all BOS Members are informed to attend.

01	Dr.Chandrakala Patil HOD Zoology Smt. V.G. Dgree College for Women Kalaburagi.	Chairman 
02	Dr. Raju Teggelli Program coordinator. KRISHI VIGNYAN KENDRA Kalaburagi.	Member 
03	Dr. Ravikiran K Asst Prof, Dept of Entomology, UAS GKVK Bangluru.	Member 
04	Dr.Farzana jabeen Asst Prof, Dept of Zoology Smt. V.G. Dgree College for Women Kalaburagi.	Member 
05	Dr.Neelakanth S. Wali Asst Prof, Dept of Zoology Smt. V.G. Dgree College for Women Kalaburagi	Member and Course Coordiantor 
06	Smt.Prabhavati S Lecturer,Smt V.G. Dgree College for Women Kalaburagi	Member 

Proceedings: It was decided in the meeting to conduct the certificate courses in Vermicompost technology from 19<sup>th</sup> Feb to 20<sup>th</sup> March 2019 for the Degree students. Syllabus to be framed, intimate students for registration, class distribution to be done.

To,  
All the above concerned.  
Copy to: The principal, Dept of Zoology and IQAC Office

Course Coordinator  


Principal

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## DEPARTMENT OF ZOOLOGY

### VERMICOMPOST TECHNOLOGY CERTIFICATE COURSE

#### THEORY SYLLABUS

16 hours

- 1) Vermiculture - Definition and scope. (1hours)
- 2) Classification of earthworm; important genera and their distribution. (1hours)
- 3) Earthworm on soil properties, physiochemical and biological properties, earthworm and soil micro-organisms. (3hours)
- 4) Reproductive patterns and earthworm biomass production. (2hours)
- 5) Vermicompost –definition and scope, selection of earthworm species, bio-resource, Structural design and methodology, factors influencing the process, vermicompost properties and compost enrichment. (4hours)
- 6) Role of earthworm in sustainable agriculture, vermiwash, extraction, chemical composition and application, vermimeal scope, preparation and utility. (3hours)
- 7) Earthworm as bio-concentration and bio-indicators and in human welfare. (2hours)

#### PRACTICAL SYLLABUS

14 hours

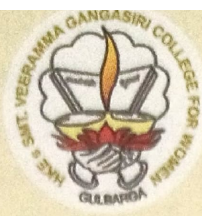
- 1) Earthworm morphology and anatomical characters.
- 2) Preparation of organic matter for vermicomposting (3weeks).
- 3) Earthworm growth pattern (4weeks) –biomass.
- 4) Population growth form in mono and polyculture.
- 5) Effect of population density on vermicompost production.
- 6) Effect of population density on reproduction.
- 7) Microbial analysis in vermicompost (effect of ageing/effect of substrate).
- 8) Effect of vermicompost on germination.
- 9) Effect of vermicompost concentration on plant growth.
- 10) Preparation of vermicompost extract and vermiwash.
- 11) Effect of extract on germination.
- 12) Vermiwash effect on rooting.
- 13) Effect of vermiwash as foliar spray.
- 14) Preparation of vermimeal.

Course Coordinator  
Dr. Neelakanth S. Wali  
Asst. Prof in Zoology.  
*N. Wali*

S. G. Gounhali  
IOAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

*Furman*  
PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA.

*V. Gangasiri*  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102



To,

The Dr. Raju Teggele  
Senior Scientist & Head,  
K.V.K. Kalaburagi.

Sub:- Request to inaugurate and be the Resource person for  
certificate course in vermicompost technology-reg.

Respected Sir,

With reference to the above cited subject, Department of Zoology,  
Smt. V. G. Degree College for Women Kalaburagi is organizing certificate  
course in Vermicompost technology from 19-02-2019 to 20-02-2019. We  
are pleased to invite you to inaugurate the certificate course and deliver  
lecture on Vermicompost technology to enrich the knowledge of our  
students.

Looking for your positive response in this regard.

Thanking you

Course Coordinator Mah!  
Dr. Neelakanth S.Wali  
Asst. Prof in Zoology

Yours Faithfully,  
[Signature]  
Principal

**PRINCIPAL**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

" An enlightened woman is a source of infinite power "





H.K.E SOCIETY,S  
SMT. VEERAMMA GANGASIRI DEGREE COLLEGE  
FOR WOMEN, GULBARGA-585102  
NAAC- ACCREDITED "A" GRADE (3<sup>rd</sup> Cycle)  
Affiliated to Akkamahadevi Women's University, Vijayapur



**CERTIFICATE COURSE IN VERMICOMPOST TECHNOLOGY (30 hrs)  
ORGANIZED BY DEPARTMENT OF ZOOLOGY**

**IN COLLABORATION WITH  
Krishi Vignyana Kendra Kalaburgi (KVK) and University of Agriculture Science (GKVK)  
Bangaluru**

From 19th Feb to 20th March- 2019

**INAUGURATION**

On 19th February, 2019, 10 to 11 am

Chief Guest and Resource person

**Dr. Raju Teggelli,**

Senior Scientist & Head K V K.

Presided By

**Dr. Eshwarayya Math**

Principal

Special Invitees

**Dr. Rajendra Konda**

IQAC Coordinator

**Dr. Farzana Jabeen**

NAAC Coordinator

**YOU ARE CORDIALLY INVITED**

Organizers

**Dr. Chandrakala Patil**

HOD Dept of Zoology

Course Coordinator

**Dr. Neelakanth S.Wali**

Assit. Prof in zoology

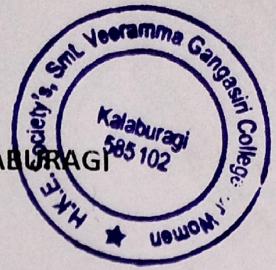
**Smt. Prabhavati**

Lecturer

PRINCIPAL

Smt. V.G. Degree College for Women  
GULBARGA





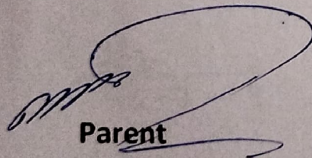
H. K. E. Society's  
SMT.VEERAMMA GANGASIRI DEGREE COLLEGE FOR WOMEN, KALABURAGI  
DEPARTMENT OF ZOOLOGY  
APPLICATION FORM

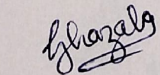
CERTIFICATE COURSE IN VERMICOMPOST TECHNOLOGY

From 19<sup>th</sup> Feb. 2019 to 22<sup>nd</sup> March 2019

1. Name 134 : GHAZALA MATEEN
2. Father Name : MD. ARIF MATEEN
3. Mother Name : ANEESA BEGUM
4. Surname : -
5. Programme / Course : Vermicomposting
6. University Reg. No : 17415263
7. Date of Birth : 25/05/1999
8. Address for Correspondence : H.NO 4 - 601/14/2473/16  
M.G ROAD, GUBBI COLONY, 2<sup>nd</sup> CROSS GULBARGA
9. Aadhar Number : 431883010700  
(Enclose Photocopy)
10. Mobile Number : 8310265071 WhatsApp's No: 8310265071
11. Email ID : ghazalamateen5071@gmail.com



  
Parent  
(Signature)

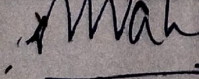
  
Student  
(Signature)

FOR OFFICE USE

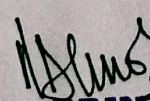
Date: 18/02/2019

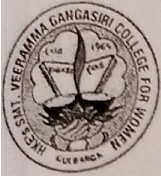
The application form of 134 is accepted and  
Admitted / Not Admitted.

Course Coordinator

  
S.G. Gounhalli  
IOAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

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Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102



H. K. E. Society's  
SMT.VEERAMMA GANGASIRI DEGREE COLLEGE FOR WOMEN, KALABURAGI  
DEPARTMENT OF ZOOLOGY  
APPLICATION FORM

CERTIFICATE COURSE IN VERMICOMPOST TECHNOLOGY

From 19<sup>th</sup> Feb. 2019 to 22<sup>nd</sup> March 2019



1. Name : Jyoti patil
2. Father Name : Siddannagouda.M.patil
3. Mother Name : Siddamma
4. Surname : Malipatil
5. Programme / Course : VermiCompost
6. University Reg. No : 51816082 (121)
7. Date of Birth : 01/07/2000
8. Address for Correspondence : Siddannagouda near bandenawaz  
darga Turnur, Turnur Kulkuta, chitapur, Gulbarga  
Karnataka-585218
9. Aadhar Number : 8820 7133 9406  
(Enclose Photocopy)
10. Mobile Number : 7349277344 WhatsApp's No: 7349277344
11. Email ID : Jyotimalipatil123@gmail.com

S.patil  
Parent  
(Signature)

S.patil  
Student  
(Signature)

FOR OFFICE USE

Date: 18/02/2019

The application form of 121 is accepted and  
Admitted / Not Admitted.

Course Coordinator

S.G. Gounballe  
IQAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

Smt. Veeramma Gangasiri  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

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Smt. V.G. Degree College for Women  
GULBARGA.



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SMT. VEERAMMA GANGASIRI DEGREE COLLEGE  
FOR WOMEN, GULBARGA-585102  
NAAC- ACCREDITED "A" GRADE (3<sup>rd</sup> Cycle)  
Affiliated to Akkamahadevi Women's University, Vijayapur  
Internal Quality Assurance Cell (IQAC)



Department of Zoology

# VALEDICTORY

CERTIFICATE COURSE  
"VERMICOMPOST TECHNOLOGY"

**Chief Guest**

**Dr.B. Ramkrishna Reddy**

Asst. Prof and Head Department of Zoology  
S. B. College of Science Kalaburagi.

**Dr. Ravikiran K**

Asst. Prof Department of Entomology  
UAS,GKVK Bengaluru.

**President**

**Dr. ESHWARAYYA MATH**

Principal

Smt. V.G. Degree college for Women Kalaburagi.

YOU ARE CARDIALLY INVITED

**Dr. Chandrakala Patil**

**Dr. Farzana Jabeen**

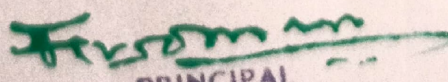
**Dr. B. R. Konda**

**Staff and Students of Zoology Department**

Date:15/04/2019

Time:11:00

Venue: Auditorium Hall

  
PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA.



ಹೈದರಾಬಾದ ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ

ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಪದವಿ ಮಹಿಳಾ

ಮಹಾವಿದ್ಯಾಲಯ ಹಾಗೂ ಸ್ನಾತಕೋತ್ತರ ಕೇಂದ್ರ ಕಲಬುರಗಿ

Hyderabad Karnataka Education Society's

Smt. Veeramma Gangasiri

Degree College & PG Centre for Women

PDA Engg. College-Rly. Station Road - Kalaburagi-585 102 - Karnataka - Phone : 08472-220374

Ref. No. HKES/SVGWCK/ 2018-19

Date: 27/03/2019

To,

The Dr.Raju Teggalli  
Senior Scientist and Head  
K.V.K. Kalaburagi.

Respected sir,

We are thankful to you for delivering Lecture on Vermicompost Technology under certificate course to the students of B.Sc in the Department of Zoology on 19.02.2019 and 16.03.2019. The students are benefited and inspired by your lecture.

Thanking you,

Course Coordinator

*[Signature]*

*[Signature]*

Yours faithfully  
Smt. Veeramma Gangasiri  
Principal  
Kalaburagi - 585 102

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UGC 2(F) 12(B) - E-mail : hkesvgwgc1965@rediffmail.com - website : www.vgcollege.org





## DEPARTMENT OF ZOOLOGY

### VERMICOMPOST TECHNOLOGY-TIME TABLE -2018-2019

DAY& DATE /Theory & Practical Timing	Theory (8 to9 AM)	PRACTICALS ( 8 to 11 AM) SUNDAYS
19-2-2019 Tuesday	Dr. Raju Teggelli	24-2-2019 ( NSW,CP,FJ & PS)
20-2-2019 Wednesday	Dr.Neelakanth.S.Wali	03-3-2019 ( NSW,CP,FJ &PS)
25-2-2019 Monday	Dr.Chandrakala Patil.	10-3-2019 ( NSW,CP,FJ &PS)
26-2-2019 Tuesday	Dr.Farzana Jabeen	16-3-2019 (Dr.Raju Teggelli)
27-2-2019 Wednesday	Smt.Prabhavati .	24-3-2019 (Dr. Ravikiran K.)
05-3-2019 Tuesday	Dr.Neelakanth.S.Wali	
06-3-2019 Wednesday	Dr.Chandrakala Patil.	
11-3-2019 Monday	Dr.Farzana Jabeen	
12-3-2019 Tuesday	Smt. Prabhavati .	
13-3-2019 Wednesday	Dr. Raju Teggelli	
14-3-2019 Thursday	Dr.Neelakanth.S.Wali	
18-3-2019 Monday	Dr.Chandrakala Patil.	
19-3-2019 Tuesday	Dr.Farzana Jabeen	
20-3-2019 Wednesday	Smt. Prabhavati	
25-3-2019 Monday	Dr. Ravikiran K.	
26-3-2019 Tuesday	Dr. Ravikiran K.	

*S.G. Gounkalli*  
IQAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

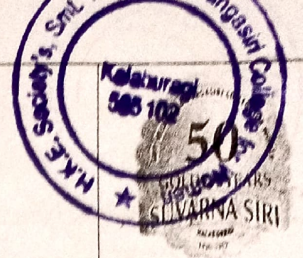
*M. M. M. M.*  
Course Coordinator

*[Signature]*  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

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PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA.



H.K.E SOCIETY,S  
SMT. VEERAMMA GANGASIRI DEGREE COLLEGE  
FOR WOMEN, GULBARGA-585102  
NAAC- ACCREDITED "A" GRADE (3<sup>rd</sup> Cycle)  
Affiliated to Akkamahadevi Women's University, Vijayapur  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE COURSE EXAMINATION  
PAPER: VERMICOMPOST TECHNOLOGY**

Student Name: Ruksar Banu. Class: Bsc II<sup>nd</sup> Sem [CBZ] Reg. No: SI816178

Student Sign: [Signature]

Date: 15/04/19

Time: 1 Hour

Max Marks : 50

Total Marks Scored:

Grade:

Invigilator Name

Evaluator Name

Signature

Signature

Answer the following questions by  mark to the correct answers.

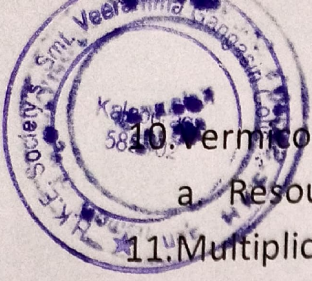
- Earth worm intestine absorbs only \_\_\_\_\_ of the swallowed material.  
 a. 10%                      b. 20%                      c. 60%                      d. 90%.
- Who describes earthworm is "Friend of Farmer's"  
 a. Charles Darwin      b. Boucha                      c. Kingberg                      d. Aristotle
- Vermitechnology needs \_\_\_\_\_  
 a. Less skill                      b. More skill                      c. No skill                      d. None of these.
- Locomotory organs of earthworm  
a. Nephridia                       b. Setae                      c. Metamere                      d. Cuticle.
- Earthworm prefers to live in  
a. Crevices                      b. Surface                       c. Burrows                      d. None of these.
- Earthworm is  
a. Unisexual                      b. Dioecious                       c. Hermaphrodite                      d. None of these.
- Formation of minerals from humus is  
a. Demineralization  b. Mineralization                      c. Both a and b                      d. None of these.
- About \_\_\_\_\_ species of earthworms are known to occur in India  
 a. 590sps                      b. 4600sps                      c. 5000sps                      d. 600sps.
- Earthworm prefers the pH  
 a. Neutral pH                      b. Below 6                      c. Above 7.6                      d. None of these.

S.G. Gounhali  
**IOAC Coordinator**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585102

[Signature]  
Course Coordinator

[Signature]  
**PRINCIPAL**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585102

[Signature]  
**PRINCIPAL**  
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10. Vermicompost is the  
a. Resource      b. Garbage      c. Waste       d. Black Gold.
11. Multiplication of earthworm is  
a. Vermicomposting      b. Regeneration       c. Vermiculture      d. None of these.
12. The feed of Earthworms should be  
a. Non-biodegradable       b. Biodegradable      c. Plastics      d. None of these.
13. In monoculture method only \_\_\_\_\_ of earthworm is cultured.  
 a. One species      b. Two species      c. Two or more sps      d. None of these.
14. Worm casts is  
 a. 90%      b. 10%      c. 50%      d. 100%.
15. Grinding of food in earthworm digestive system  
a. Stomach      b. Intestine      c. Esophagus       d. Gizzard.
16. Food of earthworm is  
 a. Detritus      b. Grazious      c. Parasitic      d. Saprophytic.
17. The Institute which has developed cost effective package to promote vermi activity is  
 a. BERI      b. CECRI      c. NEERI      d. AQUATER.
18. The temperature needed for making quality castings  
a. 15-20°C       b. 25-30°C      c. 5-10°C      d. 0-5°C.
19. Association for promotion of organic farming is located in  
a. Mysore       b. Bangalore      c. Dharwad      d. Bijapur.
20. M.S. Swaminathan foundation is situated in  
a. Karnataka      b. Orissa       c. Tamilnadu      d. Andhra Pradesh.
21. N-P-K An abbreviation for  
 a. Nitrogen Phosphorus & Pottasium      c. Pottasium Nitrogen & Phosphorus  
b. Phosphorus Nitrogen & Pottasium      d. None of these.
22. Earthworm belongs to the Phylum  
a. Arthropoda      b. Mollusca       c. Annelida      d. None of these.
23. The useful micro-organisms present in vermicastings is  
 a. Antibiosis      b. Mutualism      c. Symbiosis      d. Parasitism.
24. Production of Vermicompost is called  
a. Vermiculture      b. Vermicompost       c. Vermicomposting      d. None of these.
25. The worms need  
a. 2 D'S      b. 5 D'S       c. 3 D'S      d. 4 D'S.

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IOAC Coordinator  
Veera Women's  
5840

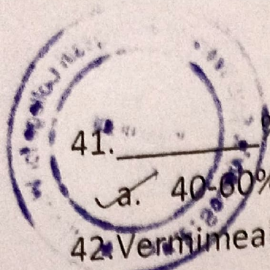


26. Vermicompost is an ecofriendly natural fertilizer prepared from  
a. Biodegradable organic wastes  c. Non-biodegradable organic wastes  
b. Inorganic wastes d. None of these.
27. Earthworm possess great power of  
a. Reproduction  b. Regeneration c. Division d. None of these.
28. The brown colour of the Earthworm is due to presence of  
a. Haemoglobin b. Haemocyanin  c. Porphyrin d. None of these.
29. The body of earthworm is divided into a number of segments from mouth to anus internally and externally  
 a. Metamerism b. Polymorphism c. Both a & b d. None of these.
30. The body wall of the worm is  
a. Diploblastic  b. Triploblastic c. Monoblastic d. None of these.
31. Copulatory organs in earthworm is  
a. Setae  b. Penial setae c. Spikes d. None of these.
32. Symmetry of earthworm  
a. Radial b. Asymmetry c. Biradial  d. Bilateral.
33. The process of formation of soil from rock is called  
 a. Pedogenesis b. Paedomorphosis c. Regeneration d. None of these.
34. Earthworm is  
 a. Terrestrial b. Aquatic c. Arboreal d. Aerial.
35. Based on the habitat Evans and Guild has classified the earthworm .  
a. One b. Three  c. Two d. Four.
36. Vermicompost is prepared by  
a. Hookworms  b. Earthworms c. Roundworms d. Tapeworms.
37. The female genital aperture present on the \_\_\_\_\_ segment.  
a. 13 and 14 b. 16 c. 12  d. 18.
38. The male genital opening present on the \_\_\_\_\_ segment.  
a. 18 b. 12  c. 13 and 14 d. 16.
39. Clitellum in mature worm, just few segments \_\_\_\_\_ from the anterior end.  
a. 2/3  b. 1/3 c. 1/4 d. None of these.
40. Setae are 'I' shaped structure formed by  
a. Silicious b. Calcium carbonate  c. Chitinous d. Calcareous.

*M. S. S.*  
course coordinator

*V. G.*  
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41. \_\_\_\_\_ % of moisture is essential for better maintainance of earthworms.  
 a. 40-60%      b. 25-35%      c. 20-30%      d. 30-40%.
42. Vermineal of earthworms are good source of \_\_\_\_\_  
 a. Protein      b. Carbohydrates      c. Fats      d. Minerals.
43. Vermiwash is the earthworms \_\_\_\_\_ fluid.  
 a. Digestive      b. Body      c. Coelomic      d. Excreta.
44. Vermiwash used as \_\_\_\_\_.  
 a. Root spray      b. Stem spray      c. Foliar spray      d. None of these.
45. Earthworm has \_\_\_\_\_ in habitat.  
 a. Diurnal      b. Nocturnal      c. Both      d. None of these.
46. \_\_\_\_\_ fertilization is takes place in earthworm.  
 a. Outside the cocoon      b. Inside the cocoon      c. Both      d. None of these.
47. Study of soil is called  
 a. Pedogogy      b. Pedology      c. Soil science      d. Both b and c.
48. Earthworms are \_\_\_\_\_ feeders.  
 a. Discontinuous      b. Voracious      c. Continuouš      d. None of these.
49. Epigeics means  
 a. Surface dweller      b. Deep dwellers      c. Both      d. None of these.
50. Vermicompost is a  
 a. Chemical fertilizer      b. Organic fertilizer      c. Bio-fertilizer      d. None of these.

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*S.G. Gounbali*  
**IQAC Coordinator**  
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 Kalaburagi - 585 102

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**PRINCIPAL**  
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 Kalaburagi - 585 102

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H.K.E SOCIETY,S  
SMT. VEERAMMA GANGASIRI DEGREE COLLEGE  
FOR WOMEN, GULBARGA-585102  
NAAC- ACCREDITED "A" GRADE (3<sup>rd</sup> Cycle)  
Affiliated to Akkamahadevi Women's University, Vijayapur  
DEPARTMENT OF ZOOLOGY



**CERTIFICATE COURSE EXAMINATION**  
**PAPER: VERMICOMPOST TECHNOLOGY**

Student Name: Shweta. Mathapali Class: B.x I<sup>st</sup>sem Reg. No: 230

Student Sign. [Signature] Date 15/04/19 Time: 1 Hour

Max Marks : 50 Total Marks Scored: Grade:

Invigilator Name Evaluator Name

Signature Signature

Answer the following questions by  $\checkmark$  mark to the correct answers.

1. Earth worm intestine absorbs only \_\_\_\_\_ of the swallowed material.  
a.  10%      b. 20%      c. 60%      d. 90%.
2. Who describes earthworm is "Friend of Farmer's"  
a.  Charles Darwin      b. Boucha      c. Kingberg      d. Aristotle
3. Vermitechnology needs \_\_\_\_\_  
a.  Less skill      b. More skill      c. No skill      d. None of these.
4. Locomotory organs of earthworm  
a. Nephridia      b.  Setae      c. Metamere      d. Cuticle.
5. Earthworm prefers to live in  
a. Crevices      b. Surface      c.  Burrows      d. None of these.
6. Earthworm is  
a. Unisexual      b. Dioecious      c.  Hermaphrodite      d. None of these.
7. Formation of minerals from humus is  
a. Demineralization      b.  Mineralization      c. Both a and b      d. None of these.
8. About \_\_\_\_\_ species of earthworms are known to occur in India  
a.  590sps      b. 4600sps      c. 5000sps      d. 600sps.
9. Earthworm prefers the pH  
a.  Neutral pH      b. Below 6      c. Above 7.6      d. None of these.

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course coordinator

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 Gulbarga - 585102

*Course Coordinator*

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*Amal*

*S.G. Gounhali*  
**IOAC Coordinator**  
 Smt. Veeramma Gangasiri  
 College for Women  
 Kalaburagi - 585 102

*[Signature]*  
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 Kalaburagi - 585 102

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## Certificate course in Vermicompost Technology – Report

In order to inculcate Vermicompost Technology, a certificate course was started by the department of Zoology from 19<sup>th</sup> February to 20<sup>th</sup> March 2019. One hundred and forty five students enrolled their names made a payment of rupees of 100/- each to the department and issued the receipt from the same.

The department head Dr. Chandrakala Patil conveyed a meeting of faculty of Zoology department and chalk out the programme. After duly seeking the permission from the management/Principal.

It was decided to invite some external resource persons in addition to the zoology department faculty. Resource persons of Dr. Raju Teggelli, Senior scientist & Head, Krishi vignyan Kendra Kalaburagi, Dr. Ravikiran K, Department of Entomology, USA GKVK Bangaluru were invited.

The total number of hours conducted were 30 hours. The course has a significant impact on the students mind as it could stimulate them to extend and realize the technology of Vermicompost. It was inaugurated by the chief guest Dr. Raju Teggelli, Senior scientist & Head, Krishi vignyan Kendra Kalaburagi, Principal Dr. Eshwarayya Math, NAAC Coordinator Dr. Farzana Jabeen, IQAC Co-ordinator Dr. Rajendra Konda and faculty, Department of Zoology and students. On 19<sup>th</sup> February 2019. It was concluded on 20<sup>th</sup> March 2019.

In order to assess the student's comprehensions, test was conducted, grades were awarded and finally certificates were issued to each student for the successful completion of the course, in the valedictory functions dated on 20<sup>th</sup> March 2019.

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Course Co-ordinator

**IQAC Coordinator**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

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Kalaburagi - 585 102

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# ANSWER SHEET

NAME: \_\_\_\_\_

For each answer, please fill in marks like this: ● not like this: ✘ ⊘ ⊙

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| 2  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 32 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 3  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 33 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 4  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 34 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 5  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 35 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 6  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 36 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 7  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 37 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 8  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 38 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 9  | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 39 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 10 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 40 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 11 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 41 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 12 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 42 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 13 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 43 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 14 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 44 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 15 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 45 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 16 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 46 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 17 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 47 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
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| 19 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 49 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 20 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 50 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 21 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 51 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 22 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 52 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 23 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 53 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 24 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 54 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 25 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 55 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 26 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 56 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 27 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 57 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 28 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 58 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 29 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 59 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |
| 30 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E | 60 | <input type="radio"/> A | <input type="radio"/> B | <input type="radio"/> C | <input type="radio"/> D | <input type="radio"/> E |

Register No : \_\_\_\_\_

Marks scored \_\_\_\_\_ Grade \_\_\_\_\_



HYDERABAD KARNATAKA EDUCATION SOCIETY'S

**SMT. VEERAMMA GANGASIRI  
DEGREE COLLEGE FOR WOMEN, KALABURAGI**

(Accredited by NAAC with 'A' Grade 3<sup>rd</sup> Cycle)



**DEPARTMENT OF ZOOLOGY  
CERTIFICATE COURSE IN  
'VERMICOMPOST TECHNOLOGY'**

**Date: 19-02-2019 | Place: Auditorium Hall**

**ALL ARE CORDIALLY INVITED**

*[Handwritten Signature]*

PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA.

*[Handwritten Signature]*  
Course Coordinator

*[Handwritten Signature]*  
IQAC Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

*[Handwritten Signature]*  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102



2



H.K.E.Society's  
SMT. VEERAMMA GANGASIRI DEGREE COLLEGE FOR WOMEN  
Kalaburagi

Internal Quality Assurance Cell (IQAC)  
CERTIFICATE COURSE



**RECEIPT**

No. 303

Date: 6/2/2019

Received from Sushmita of B.A./B.Sc./B.Com./

B.B.M. 1<sup>st</sup> Semester a sum of Rupees 100/- by cash

towards Admission Fees for Certificate Course in Vermicompost Tech organised by

Department of Zoology which commence from 19/2/2019

Rs. 100/-

M  
Signature of  
Course Coordinator

4



H.K.E.Society's  
SMT. VEERAMMA GANGASIRI DEGREE COLLEGE FOR WOMEN  
Kalaburagi

Internal Quality Assurance Cell (IQAC)  
CERTIFICATE COURSE



**RECEIPT**

No. 304

Date: 5/2/2019

Received from Privimi.H of B.A./B.Sc./B.Com./

B.B.M. 1<sup>st</sup> Semester a sum of Rupees 100/- by cash

towards Admission Fees for Certificate Course in Vermicompost Tech organised by

Department of Zoology which commence from 19/2/2019

Rs. 100/-

M  
Signature of  
Course Coordinator

H. V. Somanna

PRINCIPAL  
Smt. V.G. Degree College for Women  
GULBARGA

Maha  
Course Coordinator

H. V. Somanna

PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102



**ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ**

ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಜರಿ ಪುಸ್ತಕ  
 Vermicompost Technolgy  
 ವಿಷಯ : composting course ತರಗತಿ : 10se

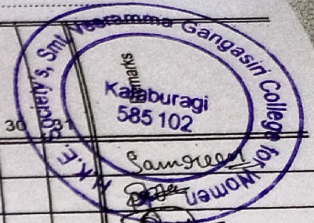
ರೋಲ್ ನಂ. Roll No.	ವಿದ್ಯಾರ್ಥಿಯ ಹೆಸರು Name of the Student	Sign. of the Teacher Date of Lecturers Sl. No. of Lecturers	Date										
			1	2	3	4	5	6	7	8	9	10	11
29	Samsreen. B		1	2	3	4	5	5	6	7	8	9	10
30	Pooja. B		1	2	3	4	5	6	6	7	8	9	10
31	Pooja. H		1	2	3	4	5	6	7	8	9	9	
32	Bharyashree. T		1	2	3	3	4	5	6	7	8	9	10
33	Narsha. R.H		1	2	3	3	4	5	6	7	8	9	10
34	Rakshita Kulkarni		1	1	2	3	4	5	6	7	7	8	9
35	Sandhya kulkarni		1	1	2	3	4	5	6	7	8	9	10
36	Shruti. S.N		1	2	3	4	5	6	7	7	8	9	10
37	Besawarajeshwari N		1	2	3	4	5	6	7	8	8	9	10
38	Richa. R.S		1	2	3	4	4	5	6	7	7	8	9
39	Muttreshwari. SM.		1	1	2	3	4	5	6	7	8	9	10
40	Madha Taskeer		1	2	3	4	4	5	6	7	8	9	10
41	Bhavana R. I		1	2	3	4	5	6	7	8	9	9	10
42	Laxmi. Hosmani		1	2	3	4	5	6	7	8	9	9	10
43	Bhoomika A		1	2	2	3	4	5	6	7	8	9	10
44	Harini		1	2	2	3	4	5	6	7	8	9	10
45	Shweta SM		1	2	3	4	5	6	7	8	9	9	10
46	Ruksar Baru		1	2	3	4	5	6	7	8	9	10	10
47	Sana fathima		1	2	3	4	5	6	7	8	9	10	11
48	Nazmeen Tabraiz		1	2	3	4	5	6	7	8	9	10	10
49	Amreen Khanam		1	2	3	4	5	5	6	7	8	9	10
50	Sayeda Sharmeen Naaz		1	2	3	4	5	6	7	8	9	10	10
51	Ashwini. A		1	2	3	4	5	6	7	8	9	10	11
52	Jyothi. Y		1	2	3	4	5	6	6	7	8	9	10
53	Anjali. A		1	2	3	4	5	6	7	8	9	9	10
54	Vidhyashree.		1	2	3	4	5	6	7	8	9	10	10
55	Savitri - L.H		1	2	3	4	5	6	6	7	8	9	10
56	Suman.		1	2	3	4	5	6	7	8	9	9	10

**S.G. Goukhali**  
**IOAC Coordinator**  
 Smt. Veeramma Gangasiri  
 College for Women  
 Kalaburagi - 585 102

**ಪದವಿ ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ - 585 102**

ವರ್ಷ: 2018-19

PRACTICALS																		
12/3	13/3	20/3	25/3	26/3	17	18	19	20	24/3	03/27	10/23	16/24	24/25	26	27	28	29	30
1	12	12	13	14					1	2	3	4	5					
11	12	12	14	14					1	2	3	4	5					
10	11	12	13	14						1	2	3	4					
11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	2	3	4					
10	11	12	13	14					1	2	3	4	5					
11	12	12	13	14					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	4					
11	12	13	14	15					1	2	3	4	5					
10	11	12	13	14					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	5					
11	12	13	13	14					1	2	3	4	5					
11	12	13	14	15					1	1	2	3	4					
11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	4					
11	12	13	14	15					1	2	3	4	5					
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11	12	13	14	15					1	2	3	4	5					
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11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	5					
11	12	13	14	15					1	2	3	4	5					



*(List of names and signatures corresponding to the practical sessions)*

Samsreen  
 Pooja  
 Pooja  
 Bharyashree  
 Narsha  
 Rakshita  
 Sandhya  
 Shruti  
 Besawarajeshwari  
 Richa  
 Muttreshwari  
 Madha  
 Bhavana  
 Laxmi  
 Bhoomika  
 Harini  
 Shweta  
 Ruksar  
 Sana  
 Nazmeen  
 Amreen  
 Sayeda  
 Ashwini  
 Jyothi  
 Anjali  
 Vidhyashree  
 Savitri  
 Suman

**PRINCIPAL**  
 Smt. Veeramma Gangasiri  
 College for Women  
 Kalaburagi - 585 102

ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ

ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಜರಿ ಪುಸ್ತಕ

ವಿಷಯ : C.C. in Vocational Technology : Part

ದೂರ ನಂ. Roll No.	ವಿದ್ಯಾರ್ಥಿಯ ಹೆಸರು Name of the Student	Sign. of the Teacher		Date of Lecturers										
		Sl. No. of Lecturers		11/1	20/2	25/2	26/2	27/2	05/3	06/3	11/3	12/3	13/3	14/3
		1	2	3	4	5	6	7	8	9	10	11		
57	Sakshi		1	2	3	4	5	6	7	8	9	10		
58	Bhagyashree. H		1	2	3	4	5	6	7	8	9	10		
59	Bhagyashree. S		1	2	3	4	5	6	7	8	9	10		
60	Shakaramma. H.P			1	2	3	4	5	6	7	8	9	10	
61	Bhavani. C.D		1	2	3	4	5	6	7	8	8	9	10	
62	Shilpa, U.A			1	2	3	4	5	6	7	8	9	10	
63	Charilata G. K			1	2	3	4	5	6	7	8	9	10	
64	Ambica M.K.			1	2	3	4	5	6	7	7	8	9	10
65	Shweta B.			1	2	3	4	5	6	7	7	8	9	10
66	Saima Anjum			1	2	3	4	5	6	6	7	8	9	10
67	Mohannadi Sultana			1	2	3	4	5	6	7	8	8	9	10
68	Meraj Nadaf			1	2	3	4	4	5	6	7	8	9	10
69	Amisha Byas			1	2	3	4	4	5	6	7	8	9	9
70	Aleena Anjum.			1	2	3	4	4	5	6	7	8	9	9
71	Preeti S.			1	2	3	4	4	5	6	7	8	9	9
72	Kajal			1	1	2	3	4	5	6	7	8	9	10
73	Shweta M. Mohanrasi			1	1	2	3	4	5	6	7	8	9	9
74	Aishwarya Koralli			1	1	2	3	4	5	6	7	8	9	10
75	Santosh S.			1	2	3	4	5	6	7	8	9	9	10
76	Sanjana R.P.			1	2	3	4	5	6	7	8	9	10	10
77	Yamini S.			1	2	3	4	5	6	7	8	9	9	10
78	Krishnavi Tiwari			1	2	3	4	5	6	7	8	9	10	10
79	Summaya Batool			1	2	3	4	5	6	7	7	8	9	10
80	Supriya Hudgikar			1	2	3	4	5	6	6	7	8	9	10
81	Tanjanya Tanjil.			1	2	3	4	5	6	7	7	8	9	10
82	Shampreena			1	2	3	4	5	6	7	8	9	10	11
83	Kanya B.R.			1	2	3	4	5	6	7	7	8	9	10
84	Gayatri			1	2	3	4	5	5	6	7	8	9	10

S.C. Gounwall  
IOAC. Coordinator  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

ಹದಿನೆಂಟನೇ ವರ್ಷದ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ, ಕಲಬುರಗಿ-585 102.

ವರ್ಷ 2018-19

18/3	19/3	20/3	25/3	26/3	17	18	19	20	PRACTICALS							26	27	28	29
									21/3	22/3	23/3	24/3	25/3	26/3	27/3				
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										1	2	3	4	5					
										1	2	3	4	5					
										1	2	3	4	5					



Remarks  
31  
Malaburagi  
585-102  
Sakshi  
Bhagyashree  
Bhagyashree  
Shakaramma  
Bhavani  
Shilpa  
Charilata  
Ambica  
Shweta  
Saima  
Mohannadi  
Meraj  
Amisha  
Aleena  
Preeti  
Kajal  
Shweta  
Aishwarya  
Santosh  
Sanjana  
Yamini  
Krishnavi  
Summaya  
Supriya  
Tanjanya  
Shampreena  
Kanya  
Gayatri

M. A. S.

*(Signature)*  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ

ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಜರಿ ಪುಸ್ತಕ

ವಿಷಯ : C.C. in Vocational Technology

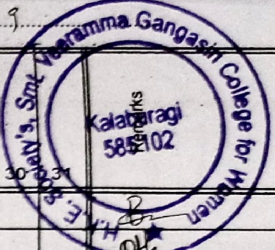
Rs.

ದೂರ ಸಂ. Roll No.	ವಿದ್ಯಾರ್ಥಿಯ ಹೆಸರು Name of the Student	Sign. of the Teacher		The day											
		Date of Lecturers	Sl. No. of Lecturers	1	2	3	4	5	6	7	8	9	10	11	
				1	2	3	4	5	6	7	8	9	10	11	
85	Bagyashree . R			1	2	3	4	4	5	6	7	8	9	10	
86	Renika T.			1	2	3	4	5	6	7	8	9	10	10	
87	Nisha V. Mainalkar			1	1	2	3	4	5	6	7	8	9	10	
88	Amrta Umista			1	2	3	3	4	5	6	7	8	9	10	
89	Syeda Bibi Zainab			1	2	3	4	5	6	7	8	9	10	10	
90	Mabrammadi Burha			1	2	3	4	5	6	6	7	8	9	10	
91	Maria Khan			1	2	3	4	4	5	6	7	8	9	10	
92	Malleka Banu			1	2	3	4	5	6	7	7	8	9	10	
93	Tambija Firdaus			1	2	3	4	5	6	7	8	9	9	10	
* 94	Syeda Nascha			1	2	3	4	5	6	7	7	8	9	10	
95	Syeda Naazmeen Fatima			1	2	3	3	4	5	6	7	8	9	10	
96	Nausheen Zainab			1	2	3	4	5	6	6	7	8	9	10	
97	Abssa Zakir Hussain			1	2	3	4	5	6	6	7	8	9	10	
98	BiBi Hajra Anisa				1	2	3	4	5	6	7	8	9	10	
99	Rohini B.T.			1	2	2	3	4	5	6	7	8	9	10	
100	Pooja Rani N.			1	2	3	4	5	5	6	7	8	9	10	
101	Priya S Surgin				1	2	3	4	5	6	7	8	9	10	
102	Radhya			1	2	3	4	5	6	7	8	9	9	10	
103	Nidha Shazrin			1	2	3	4	4	5	6	7	8	9	10	
104	Bhagyalakshmi			1	2	3	4	5	5	6	7	8	9	10	
105	Nagiya Wahaj.			1	2	3	4	5	6	7	7	8	9	10	
106	Fathima Zara			1	2	3	4	5	6	7	8	8	9	10	
107	Radaf Amreen				1	2	3	4	5	6	7	8	9	10	
108	Pallavi H.O				1	2	3	4	5	6	7	8	9	10	
109	Shweta P.H				1	2	3	3	4	5	6	7	8	10	
110	Shawana, ms Lakshmi				1	2	3	4	5	6	7	8	9	10	
111	Aishwarya Patel				1	2	3	4	5	6	7	8	9	10	
112	Sara Pathima			1	2	3	4	5	6	6	7	8	9	10	

ಪದವಿ ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ-585 102.

ವರ್ಷ 2018-19

	18	19	20	21	22											18	19	20	21	22	23	24	25	26	27	28	29	30	31	
	3	3	3	3	3																									
	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31										
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																					1	2	3	4	5					
																					1	2	3	4	5					



- Handwritten signatures and names in the right margin, corresponding to the rows of the attendance sheet. Some names include 'Shawana', 'Nausheen', 'Abel', 'Rohini', 'Pooja', 'Priya', 'Radhya', 'Nidha', 'Bhagya', 'Nagiya', 'Fathima', 'Radaf', 'Pallavi', 'Shweta', 'Aishwarya', and 'Sara'.

**S. G. Gounhalli**  
**IOAC Coordinator**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

**PRINCIPAL**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

# ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸಿರಿ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ

ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಜರಿ ಪುಸ್ತಕ

ವಿಷಯ : C.C. in University Technology ತರಗತಿ : BSC.

ರೋಲ್ ನಂ. Roll No.	ವಿದ್ಯಾರ್ಥಿಯ ಹೆಸರು Name of the Student	Sign of the Teacher											
		Date of Lecturers	11/3	20/3	25/3	26/3	27/3	05/3	06/3	11/3	12/3	13/3	14/3
		Sl. No. of Lecturers	1	2	3	4	5	6	7	8	9	10	11
113	Ummar Aiman		1	2	3	4	5	6	6	7	8	9	10
114	Hafea Jabeen Md mukhtar Huss		1	2	3	4	4	5	6	7	8	9	10
115	Raffera Noorain			1	2	3	4	5	6	7	8	9	10
116	Vaaha Ragheji			1	2	3	4	5	6	6	7	8	9
117	Payal Sharma		1	2	3	4	5	6	7	7	8	9	10
118	Homa Irani			1	2	3	4	5	6	7	8	9	10
119	Megha P.A		1	2	3	4	5	6	7	8	8	9	10
120	Rasika Banu		1	2	3	3	4	5	6	7	8	9	10
121	Jyothi Patel.		1	2	3	4	5	6	7	8	9	10	10
122	Megha R		1	2	3	4	5	6	7	8	9	9	10
123	Madhusree G		1	2	3	3	4	5	6	7	8	9	10
124	Suvarna A		1	2	3	4	5	6	7	8	9	10	11
125	R. Devika		1	2	3	3	4	5	6	6	7	8	9
126	Shilpa L.G			1	2	3	4	5	6	6	7	8	9
127	Pankaja J.		1	2	2	3	4	5	6	7	8	9	10
128	Divyashree		1	2	2	3	4	5	6	7	8	9	10
129	Mahadevi S.H		1	2	3	4	5	6	7	8	9	10	11
130	Raleha Tabeen		1	2	3	4	5	6	7	8	9	10	10
131	Mariyam		1	2	3	4	5	6	7	8	9	9	10
132	Mutehera		1	2	3	4	4	5	6	7	8	9	10
133	Amatu Saboor Tuha		1	2	3	3	4	5	6	7	8	9	10
134	Ghazala Mateen		1	2	3	4	5	6	6	7	8	9	10
135	Saba Anjum		1	1	2	3	4	5	6	7	8	9	10
136	Banamma L. Naikode		1	2	3	4	5	6	7	8	9	9	10
137	Keerti L. Shahapur		1	1	2	3	4	5	6	7	8	9	10
138	Aruna V.G.		1	1	2	3	4	5	6	7	8	9	10
139	S. Vaishnavi. Deepak		1	2	3	4	5	5	6	7	7	8	9
140	Spoorthy Hungund		1	2	3	4	5	6	7	8	9	10	11

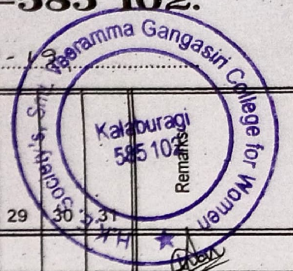
**IOAC Coordinator**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

**PRINCIPAL**  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯ

ಪದವಿ ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ-585 102.

ವರ್ಷ..... 2018-19



											PRACTICALS									
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	1	2	3	4							
10	11	12	13	14					1	2	3	4	4							
10	11	12	13	14					1	2	3	4	5							
4	12	13	14	15					1	2	2	3	4							
11	12	13	14	15					1	2	3	3	4							
11	12	13	15	16					1	2	3	4	5							
11	12	13	15	16					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
4	12	13	14	15					1	2	3	4	5							
10	11	12	13	14					1	2	3	4	5							
10	11	12	13	14					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	11	12	14	14					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
11	12	13	14	15					1	1	2	2	3							
12	13	14	15	16					1	2	3	4	5							
11	12	13	14	15					1	2	3	4	5							
10	11	12	13	14					1	2	3	4	5							
12	13	14	15	16					1	2	3	4	5							

AMAL

18/19  
18/19  
18/19  
18/19

# ಶ್ರೀಮತಿ ವೀರಮ್ಮ ಗಂಗಸರಿ ಕಲಾ ಮತ್ತು ವಿಜ್ಞಾನ

ವಿದ್ಯಾರ್ಥಿಗಳ ಹಾಜರಿ ಪುಸ್ತಕ

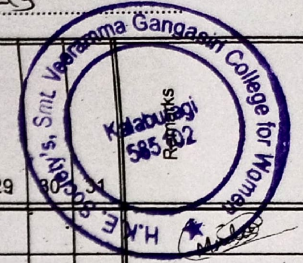
ವಿಷಯ : C.C in verucomputichulsh : BSC

ರೂಲ್ ನಂ. Roll No.	ವಿದ್ಯಾರ್ಥಿಯ ಹೆಸರು Name of the Student	Sign. of the Teacher											
		Date of Lecturers											
		Sl. No. of Lecturers	1	2	3	4	5	6	7	8	9	10	11
141	Megha. C. Niloor		1	2	3	4	5	6	7	8	9	10	11
Total	134 students												
	132 +												
	132 0 0												
	13 0 0												
	119 0 0 remaining amount												
142	Channamma M.N		1	2	3	4	5	6	7	8	9	9	
143	Shahreen Begum		1	2	3	4	5	6	7	8	8	9	
144	Madhusri L. IKAL		1	2	3	4	5	6	7	8	9	9	
145	Shampina Mujawar		1	2	3	4	5	6	7	8	9	9	

S. G. Gounkalki  
IOAC Coordinator  
Smt. Veeramma Gangasri  
College for Women  
Kalaburagi - 585 102

# ಪದವಿ ಮಹಿಳಾ ಮಹಾವಿದ್ಯಾಲಯ, ಕಲಬುರಗಿ-585 102.

ವರ್ಷ 2019-20



PRACTICALS																															
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1	2	3	4	5									
12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1	2	3	4	5									
10	11	12	13	14						1	2	3	4	5																	
10	11	12	13	14						1	2	3	4	5																	
10	11	12	13	14						1	2	3	4	5																	
10	11	12	13	14						1	2	3	4	5																	

Course Coordinator

PRINCIPAL  
Smt. Veeramma Gangasri  
College for Women  
Kalaburagi - 585 102

Ms. Srigandhi  
Madhusri  
GMS



Guest Dr.Raju Teggalli ,Dr.Rajendra Konda IQAC Coordinantor & other Members on the Dias



Inauguration of the Vermicompost technology By Guest Dr.Raju Teggalli



Guest Dr.Raju Teggalli Speaking on the occasion.

S.G. Gonnaballi,  
IQAC Coordinantor  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102

*[Signature]*  
PRINCIPAL  
Smt. Veeramma Gangasiri  
College for Women  
Kalaburagi - 585 102





Valedictory function of Vermicompost technology ,Dr. Ravikiran , Dr. Ramakrishna Reddy , Principal Dr. Eshwarayya math & IQAC Coordinator R.B Konda on the Dias.



Principal Dr. Eshwarayya math giving Presidential remark.

*S. G. Gounbali*  
**IQAC Coordinator**  
Smt. Veeramma Gangasini  
College for Women  
Kalaburagi - 585 102

*[Signature]*  
**PRINCIPAL**  
Smt. Veeramma Gangasini  
College for Women  
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HYDERABAD KARNATAKA EDUCATION SOCIETY'S

**SMT. VEERAMMA GANGASIRI  
DEGREE COLLEGE FOR WOMEN, KALABURAGI**

Affiliated to Karnataka State Akkamahadevi Women's University, Vijayapura  
(Re-accredited by NAAC with 'A' Grade 3<sup>rd</sup> Cycle)



**DEPARTMENT OF ZOOLOGY  
CERTIFICATE**

This is to certify that Kum. \_\_\_\_\_ of  
\_\_\_\_\_ has completed the **Certificate Course in VERMICOMPOST  
TECHNOLOGY** organized by Department of Zoology, Smt. Veeramma Gangasiri Degree College for Women,  
Kalaburagi from \_\_\_\_\_ to \_\_\_\_\_.  
She has passed the examination with \_\_\_\_\_ grade.

**Dr. Neelakanth S. Wali**  
Course Coordinator

**Dr. Chandrakala Patil**  
Advisor

**Dr. Eshwarayya Math**  
Principal