

Work shop Report for the AY 2020-21

S.No	Name of the Workshop
1	Workshop on ICT tools
2	International Webinar on Jnana-Deepthi
3	Webinar on Clinical Pathology
4	Workshop on online Assessment using Testmoz
5	Workshop on Hands on experience in Vermi Wash Preparation



A handwritten signature in blue ink, appearing to be "S. P. S. S.", written over a horizontal line.

PRINCIPAL
STSN GOVERNMENT DEGREE COLLEGE
KADIRI-515 591

S.T.S.N GOVT DEGREE COLLEGE KADIRI

DEPARTMENT OF COMMERCE



WORK SHOP
ON
ICT TOOLS

S.T.S.N GOVT. DEGREE COLLEGE, KADIRI

DEPARTMENT OF COMMERCE

Minutes of the Department meeting for the conduct of the Work shop for the AY 2020-2021

- The Department of Commerce at S.T.S.N GDC Kadiri convened to plan a two-day workshop on ICT Tools in Teaching-Learning Evaluation.
- Mr. Vajra Narasimha Reddy confirmed as the resource person for the workshop.
- Workshop dates finalized as 16.06.2020 & 17.06.2020.
- Discussed workshop content focusing on innovative ICT tools.
- Financial arrangements confirmed, including honorarium for Mr. Vajra Narasimha Reddy.
- Responsibilities assigned for logistics, documentation, and participant engagement.
- Next meeting scheduled to finalize the detailed agenda.

Staff Members of Commerce:

- **Dr.S.Smitha-Principal** : **Chairman**
- **B. Nikitha** : **Member**
- **S. Shabbir** : **Member**
- **Dr. P.M. Siva Prakash** : **Member**
- **K. Ashok** : **Member**

PERMISSION LETTER

TO
THE PRINCIPAL,
S.T.S.N GDC,
KADIRI.

Date: 15-06-2020

Subject: Request for Two-Day ICT Workshop with Mr. Vajra Narasimha Reddy

Madam,

I am writing to request approval for a two-day workshop on ICT tools in teaching learning evaluation for the staff at S.T.S.N GDC, Kadiri. Mr. Vajra Narasimha Reddy, a distinguished ICT expert, will lead the sessions. This workshop aims to enhance our staff's digital teaching skills, contributing to a more effective and engaging learning environment. Your support in organizing this workshop would greatly benefit our educators and students.

Thank you for considering our request.

Your's faithfully,



B. Nikitha,

Department of Commerce

S.T.S.N GOVERNMENT DEGREE COLLEGE: KADIRI

DEPARTMENT OF COMMERCE

CIRCULAR

Date: 15-06-2020

To

All Staff Members

S.T.S.N Government Degree College,
Kadiri

Subject: Two-Day ICT Workshop with Mr. Vajra Narasimha Reddy

Organizer:

Department of Commerce

This workshop is a unique opportunity to upgrade our skills in line with the latest advancements in technology. Your active participation is encouraged to make the most of this enriching experience.

We look forward to your presence and active engagement.

Best Regards,



B. Nikitha

Department of Commerce

Enhancing Teaching and Learning Evaluation through ICT Tools

A Two-Day Workshop at S.T.S.N GDC, Kadiri

Abstract:

This report presents a comprehensive overview of a two-day workshop conducted at S.T.S.N Government Degree College, Kadiri, focused on the effective integration of Information and Communication Technology (ICT) tools in teaching and learning evaluation. The workshop, attended by 25 participants, was led by Mr. Vajra Narasimha Reddy, a distinguished School Assistant and recipient of the ICT Skills Award by the President of Andhra Pradesh. The report outlines the key components, activities, and insights gained during the workshop, shedding light on the transformative impact of ICT tools on the education landscape.

Introduction:

The integration of ICT tools in education has become imperative for fostering an enriched and interactive learning environment. Recognizing this, S.T.S.N GDC organized a two-day workshop aimed at enhancing the participants' skills in incorporating ICT tools for effective teaching and learning evaluation. Mr. Vajra Narasimha Reddy, with his proven expertise as an ICT award winner, was the ideal resource person to guide the participants through this immersive experience.

Workshop Objectives:

To familiarize participants with a range of ICT tools applicable to diverse subjects.

To demonstrate practical ways of integrating ICT tools into lesson planning, content delivery, and assessment.

To empower participants with hands-on experience in utilizing ICT tools for effective teaching and learning evaluation.

Workshop Structure:

The workshop was structured into modules, each focusing on specific aspects of ICT tools integration. Mr. Vajra Narasimha Reddy adopted a participatory approach, encouraging active engagement and collaborative learning among the participants.

Day 1: Exploring ICT Tools for Teaching:

The first day commenced with an overview of the importance of ICT in education, emphasizing its potential to enhance engagement and understanding. Mr. Reddy introduced various tools such as interactive whiteboards, educational apps, and virtual simulations. Participants were then guided through practical sessions where they explored these tools in real-time, gaining insights into their applicability across subjects.

Day 2: Hands-On Evaluation Techniques:

The second day focused on incorporating ICT tools into the evaluation process. Mr. Reddy demonstrated how digital assessments, online quizzes, and multimedia presentations could revolutionize traditional evaluation methods. Participants were actively involved in creating and administering digital assessments, allowing them to experience firsthand the efficiency and effectiveness of these tools.

Key Outcomes:

Enhanced Digital Literacy: Participants developed a higher level of digital literacy, gaining proficiency in using a variety of ICT tools for educational purposes.

Increased Engagement: The interactive nature of the workshop ensured participants were actively engaged, fostering a dynamic learning atmosphere.

Practical Implementation: Hands-on sessions allowed participants to apply acquired knowledge, fostering confidence in implementing ICT tools in their teaching practices.

Customized Learning: Participants explored tools tailored to their subject areas, recognizing the adaptability of ICT tools to diverse educational contexts.

Participant Feedback:

Feedback from participants indicated a positive shift in their perception of ICT tools. Many expressed enthusiasm about incorporating these tools into their teaching methodologies. The practical sessions were particularly praised for providing a concrete understanding of the tools' applicability.

Conclusion:

The two-day workshop at S.T.S.N GDC, Kadiri, spearheaded by Mr. Vajra Narasimha Reddy, successfully equipped participants with the skills and knowledge needed to integrate ICT tools into their teaching and learning evaluation processes. The transformative potential of ICT tools in education was realized, promising a more dynamic and engaging learning experience for both educators and students. The workshop serves as a model for fostering digital literacy and innovation in the educational landscape. As the participants return to their classrooms, it is anticipated that the ripple effect of this workshop will contribute to a technologically advanced and student-centered approach to education at S.T.S.N GDC, Kadiri

S.T.S.N GOVERNMENT DEGREE COLLEGE, KADIRI

STAFF MEMBERS PARTICIPATED

S.NO	NAME OF THE FACULTY	DEPARTMENT
1	Dr. S. Smitha	Principal
2	D Leelavardhini	Mathematics
3	Dr. TTP Mohan Babu	English
4	Dr.K Sreenivasulu	Telugu
5	Dr.V.Raj Mahammadh	History
6	Jamsheed	Urdu
7	Dr. D. Adinarayana	Zoology
8	S. Masood Ahammed	Physics
9	Obulesu	Sericulture
10	Sri Lekha	Chemistry
11	Dr.Smt.K.Chandra	Hindi
12	Chary	Physical Education
13	Dr.U.Sankara	Economics
14	K Sridevi	Botany
15	Chittemma	Economics
16	B. Nikitha	Commerce
17	J Venkata Ramana	Chemistry
18	S.Md.Ali	English
19	M Shankar Rao	Chemistry
20	B. Bhaskar Reddy	Chemistry
21	C. Lakshmi Reddy	Zoology
22	K.Aravinda Reddy	Zoology
23	G J Ratnagiri	Political Science
24	N. Dildar Basha	Political Science
25	S. Shabbeer	Commerce

Feedback Form

ICT Tools in Teaching-Learning Evaluation

Thank you for participating in the workshop on ICT Tools in Teaching-Learning Evaluation conducted at S.T.S.N GDC, Kadiri. Your feedback is valuable in enhancing our future programs. Please take a few minutes to share your thoughts.

1. Workshop Information:

Workshop Title : ICT Tools in Teaching-Learning Evaluation

Date : 16.06.2020

Facilitator : Mr. Vajra Narasimha Reddy

2. Workshop Content:

Rate the relevance of workshop topics:

- Not Relevant
- Somewhat Relevant
- Very Relevant

Comments:

3. Facilitator:

Rate the effectiveness of Mr. Vajra Narasimha Reddy:

- Not Effective
- Somewhat Effective
- Very Effective

Comments:

4. Learning Experience:

Rate your overall learning experience:

- Not Satisfactory
- Satisfactory
- Highly Satisfactory

What specific aspects of the workshop did you find most beneficial?

5. Workshop Organization:

Rate the organization of the workshop:

- Poor
- Average
- Excellent

Suggestions for improvement:

6. ICT Tools:

Have you gained new insights into using ICT tools in teaching and learning?

- Yes
- No

If yes, please specify the tools or techniques that were particularly helpful:

7. Suggestions for Future Workshops:

Topics you would like to see covered in future workshops:

Any specific improvements or changes you would recommend:

8. General Comments:

Any other comments or suggestions regarding the workshop:

9. Overall Satisfaction:

How satisfied are you with the overall workshop?

- Not Satisfied
- Satisfied
- Very Satisfied

Thank you for your feedback! Your input is essential for continuous improvement.

Name :

Department :

Phone Number :

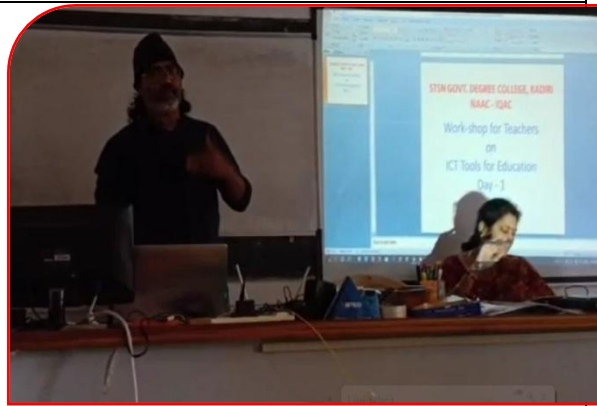
Photos Of Work Shop Conducted:

Hands on Training Programme on Use of ICT tools in Teaching and Learning 16.6.2020

S.T.S.N Govt DEGREE COLLEGE KADIRI
Inaguration of workshop for teachers
on ICT in education
Day 1



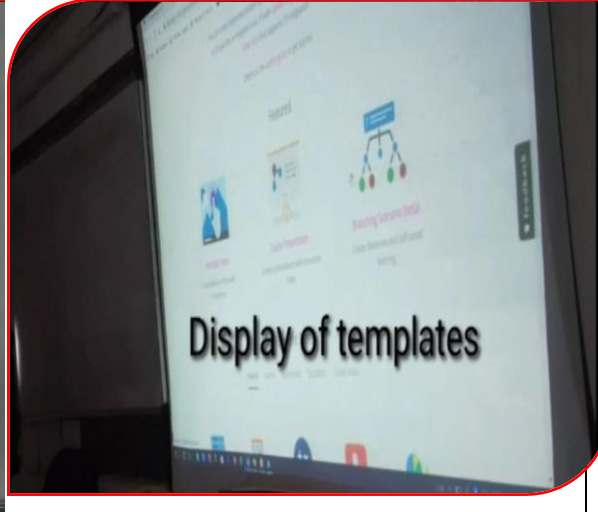
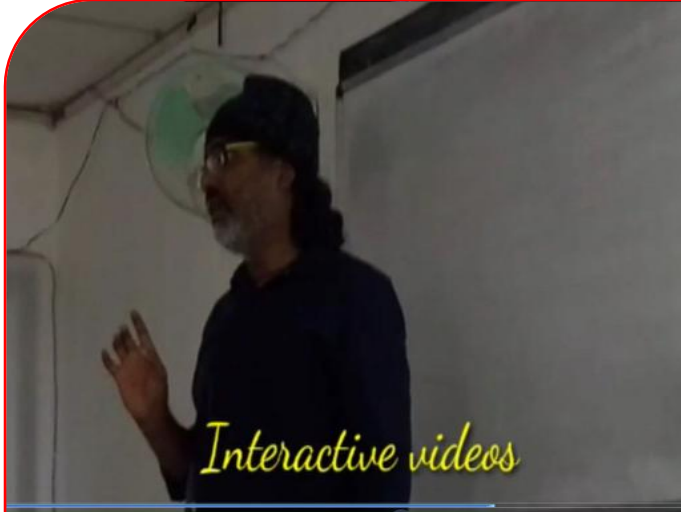
Vajra Narasimha Reddy
national award
winner 2019
I.C.T Tools department



h5p- An ICT tool for evaluation



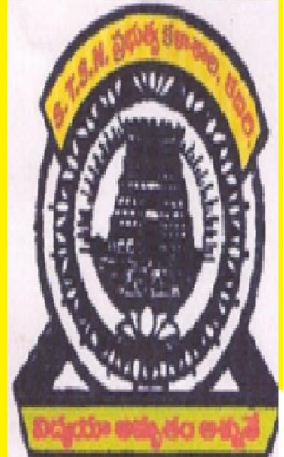
Participation of Lecturers





Webinar On JNANA DEEPTHI

organised by
STSN Government Degree College,
KADIRI
Anantapuram Dist.
Andhra Pradesh



Webinar on JNANA – DEEPTHI

Schedule
27th August 2020 Time-4:00 pm to 5:30 pm

Invited Speakers

SESSIONS

Name	Topic
Swami Sukritanandaji Maharaj President, Sri Ramakrishna Math, Kadapa	నిర్దేశిత ద్వానం Guided Meditation
Swami Yadunadanandaji Maharaj Ramakrishna Mission Ashrama, T.Nagar, Chennai	సంక్షేభాన్ని ఎదుర్కోవడం ఎలా? How to face the Crisis?
Swami Turiyanandaji Maharaj Chinmaya Mission, Kadapa	పరివర్తన Transformation
Dr P. Murali Krishna Professor in PG & HOD, Dept. of Panchakarma, S.V. Ayurveda College, Tirupati	ఆరోగ్యం - అవగాహన Health Awareness
J. Gangadhara School Assistant, Kadiri	అధ్యాపకులు! అంధా మే చేతుల్లోనే Everything lies in the hands of Teachers

4:00 pm Swami Sukritanandaji Maharaj	4:15 pm Swami Yadunadnandaji Maharaj
4:30 pm Swami Turiyanandaji Maharaj	4:45 pm Dr. P. Murali Krishna
5:00 pm J Gangadhara	

Registration Free

Contact Number: 95500 99300

Email: jkc.kadiri@gmail.com

Note: E-Certificate will be provided to all the participants



The present webinar deals with role of teachers in respect with special care and service towards the multi-faceted development of personality of the students. It aims at helping the teachers to formulate holistic approach supporting parents, identifying students' needs and managing available educational resources utilizing the innate talents of the stake holders of an institution in a crisis-situation of covid-19 pandemic. It is an effort to inculcate citizenship virtues combined with community service through being a role model in nation building where the lectures will be delivered from the masters of spirituality.

Under The Noble Guidance Of Commissioner Of Collegiate Education, Vijayawada & Regional Joint Director, Kadapa

Zoom Meeting

Galaxy J5 (20... Redmi Dr. MR. Jyothi Dr. C. Ashu nath Dr. Settem An...

Swami Sukritananda's network bandwidth is low

Recording... 09:38:41

Swami Sukritananda

Participants (74)

Find a participant

- GOVERNMENT ... (Host, me)
- Dr.S.Smitha Principal, GDC, Kadri
- Swami Sukritananda
- 54100547 D NEELAVENI
- 613028

Invite Mute All

Chat

AND PG COLLEGE NARASANNAPETA SRIKAKULAM DIST ANDHRA PRADESH

From Thameem Ahmed PhD Resear... to Everyone: very good session thank you so much for all team

From Dr. Talee Mohammed Hussain to Everyone: it is not audiable completly pl help us

From Rabiya Begum to Everyone: not audiable madam

Top: Everyone Windows File

Type message here to activate Windows.

Windows Taskbar: ENG 04:25 PM

Zoom Meeting

Lalitha YASMEEN TAJ Dr.A.Lakshmaia... Kattula Sree devi Ss. Chittemma

Recording... 00:46:07

CHINMAYA MISSION KADAPA

Participants (82)

Find a participant

Waiting Room (3) Message Admit all

- Redmi
- Principal Tanakallu
- MD SAJID ALI

In the Meeting (82)

invite Mute All

Chat

@gmail.com Feedback plzz Feedback link plzz

From Kushala J (MDK-09) to Everyone: Not audiable mam

From Me to Everyone: dear participants please mute your audio

From Chennareddy Yenugu Mandi to Everyone: adinaraya garu very nice

Top: Everyone Windows File

Type message here to activate Windows.

Windows Taskbar: Speakers / Headphones: 80% ENG 04:32 PM

Zoom Meeting

Dr.M.R.Jyothi Fr... Chennareddy Ye... T MAHABOOB B...

Recording...

01:16:53

RAMAKRISHNA MISSION ASHRAMA T NAGAR

Participants (71)

Find a participant

- VS Vijaya Sunsetb
- YT YASMEEN TAJ
- డా.కొయ్య శ్రీనివాసులు, కదిరి
- R Rangaswamy
- VM Vasantha Murthy

Invite Mute All

Chat

From B.S.Padmavathy to Everyone: Thanks a lot Swamiji

From డా.కొయ్య శ్రీనివాసులు, కదిరి to Everyone: వరద కురియిన శ్రేణి వద్దన విజ్ఞాపనలు. ఆయన భారతీయ యువకులకు మార్గదర్శనం, ఉపన్యాసాలు సాఫ్ట్వేర్ గారకి

From Dr.Settem Anjaneyulu to Everyone: a great message swamiji

Computer Diploma NCPUL
+917449827748:qjw6
Windows settings to activate Windows.

ENG 05:03 PM

Zoom Meeting

GOVERNME... RAMAKRISH... J. Gangadhar... J.Adinarayana... Swami Sukt...

Recording...

01:58:14

Muralikrishna Parasaram

Participants (77)

Waiting Room (0) Message Admit all

In the Meeting (6)

- RAMAKRISHNA MISSION ASHR...
- Dr P. RAMESH BABU
- JAVARAM REDDY D

Invite Mute All

Chat

from ur. saiee wnomammed hussain to everyone: tqju Organizers atlast I got it now it is audiable and Visible thnx toErshad Hussain Sb, Principal Saheb and others. 🙏🙏🙏🙏

From Palem Noorjahan to Everyone: Excellent explanation about teachers sir

From Dr. Saiee Mohammed Hussain to Everyone: Murali Krishna Sir nice Presentation Sir keep it up 🙏

Top: Everyone in Waiting Room

Type message here to activate Windows.

ENG 05:43 PM

Zoom Meeting

Lalitha YASMEEN TAJ Dr.A.Lakshmaia... Kattula Sree devi Ss.Chittemma

Recording...

00:45:37

J. Gangadhara, School Asst, kadri.

Participants (80)

Waiting Room (1) Message

In the Meeting (79)

- PP NARASANAIDU
- GOVERNMENT ... (Host, me)
- J. Gangadhara, School Asst, kad...

Invite Mute All

Chat

From Dr.Taiee Mohammed Hussain to Everyone: since half an hour it is not audiable

From Me to Everyone: check your audio settings

From gulfisha vaseem to Everyone: Gulfisha vaseem gulfishavaseem333@gmail.com Feedback plzz Feedback link plzz

Top: Everyone in Waiting Room

File

clear participants please mute your...

ENG 04:32 PM

Zoom Meeting

Participants: Lalitha, YASMEEN TAJ, Dr.A.Lakshmaia..., Kattula Sree devi

chintapalli lal...

J.Adinarayana's network bandwidth is low

Recording... 00:44:07

J.Adinarayana

Participants (76)

Find a participant

Waiting Room (4) Message Admit all

- AV Aparna vutukuru
- RK Ravi Kumar Yellamati
- B aqeela gouhar
- PN PP NARASANAIDU

Invite Mute All

Chat

From Dr.Tailee Mohammed Hussain to Everyone: it is not audiable completely pl help us

From Rabiya Begum to Everyone: not audiable madam

From Dr.Tailee Mohammed Hussain to Everyone: since half an hour it is not audiable

From Me to Everyone: check your audio settings

Windows File

Type message here to activate Windows.

ENG 04:30 PM

Zoom Meeting

Recording...

Sreeswathiraj...	GOVERNMENT ...	RAMAKRISHNA, VES...	ANABANTH...	OPPO A83
Dr. S. Smitha, Prin...	Galaxy J7 Prime	J. Gangadharan, S...	Jadnawajara	Redmi
EMERUSAKRANA...	Dr.Tailee Moha...	P	Kushala J (MDK...	GDC, RAJAHM...
Dr. Cadi narayana	Dr. S. Gokul...	Dr.M.R.Jyothi Fr...	Chennareddy Ye...	T MAHASOOR B...
Tharun Chinn...	chintapalli lal...	YASMEEN TAJ	Dr.A.Lakshmaia...	Kattula Sree devi

Activate Windows
Go to Settings to activate Windows.

ENG 04:22 PM

Zoom Meeting

Recording...

3 people entered the waiting room View

Se.Chittamma	Sudharani	TA Thirumalam...	Bojja Obula Sub...	Paddaveeti Ch...
Dr. V. Raj Maha...	sr	Mallawara rao...	Vijaya Suriseti	AMMISSETTY KO...
Mohankrishna...	Galaxy J7 Prime	Dr.M.R.Jyothi Fr...	Meera	Dr. B. Prash...
kesava rao jvrm	Anjali Devi L	E.S. Radhkrishny	iPhone	Umamaheswara...
Parvati ABL	Dr.V.Mohan Nay...	Aparna vutukuru	R	sggdc
		Dr. F. RAMESH S...		

Activate Windows
Go to Settings to activate Windows.

ENG 04:23 PM





STSN Government Degree College, Kadiri, A.P.

NAAC 'B' Grade

Affiliated to Sri Krishnadevaraya University

In association with Commissioner of Collegiate Education, Vijayawada
and Regional Joint Director, Kadapa, A.P



Certificate of Participation

This certificate is presented to Mr/Ms/Dr

of

Has participated in one day International Webinar on

"Jnana-Deepthi"

on 27-08-2020 organised by

STSN Govt. Degree College Academics & Dept. of Computer Science.

N. Ershad Hussain
Dept. of Computer Science

Dr. S. Smitha
Principal

Sri Krishna Devaraya University, Ananthapuramu

STSN Govt. Degree College, Kadiri

Internal Quality Assurance Cell (IQAC)

NAAC B Grade

Principal: Dr.S.Smitha.

Mob: 9550099300

Kadiri,
Date: 07.06.2020

From

Dr.S.Smitha,
Principal,
STSN Govt. Degree College,
KADIRI-515591
Ananthapuramu.Dt.
A.P,INDIA.

To

Swami Sukrithananda maharaj
President
Sri Ramakrishna Math
Kadapa
A.P, INDIA.

Sir,

**Sub:- Webinar on behalf of the college on the holy hands of the Spiritual Gurus of
Sri Ramakrishna Order - Humble request for the allotment of time - Reg.**

~*~

I humbly put forth your Spiritual Excellence the following few lines for favour of your kind consideration and favourable bestowing of your precious time.

At the outset, I humbly submit to your kind notice that the college is planning to conduct a webinar on the spiritual and moral built-up of the teaching fraternity. It is planned to conduct the said webinar under the name "Jnana Deepthi" incorporating the need for inculcation of various facets of Teacher Morality and Sacrifice traits to impart **value-based education** to the stake holders in the college during the Covid-19 pandemic.

Hence you are prayed to provide us your valuable advice on the topics selected for the webinar (the details are attached with this letter) and the convenient time for the delivering of your honourable lectures on the selected topics in the webinar to be scheduled in the **last week of June'2020**, for which act of kindness I and the entire teaching fraternity of the college shall remain indebted to you forever, sir. The Brochure with all details will be sent once you grant us the kind acceptance Maharaj ji.

Thanking you

Yours faithfully,

Sd/ Dr.S.Smitha
Principal
Govt. Degree College
Kadiri.

Awake! Arise!

Take the whole responsibility on your shoulders

Webinar

Jnana – Deepthi

	Name of the Speaker	Topic	Duration	Contact Details
1	Swami Sukritanandaji Maharaj President, Sri Ramakrishna Math, Kadapa	నిర్దేశిత ధ్యానం Guided Meditation	15 min	email: kadapa@rkmm.org Phone: 9441323903
2	Swami Yadunadanandaji Maharaj Ramakrishna Mission Ashrama, T.Nagar, Chennai	సంక్షోభాన్ని ఎదుర్కోవడం ఎలా? How to face the Crisis?	15 min	email: mail@rkmchennai.org Phone: 9994784446
3	Swami Turiyanandaji Maharaj Chinmaya Mission, Kadapa	పరివర్తన Transformation	15 min	Phone: 9908996138
4	Dr P. Murali Krishna Professor in PG & HOD, Dept. of Panchakarma, S.V. Ayurveda College, Tirupati	ఆరోగ్యం - అవగాహన Health Awareness	15 min	email: mkpararasam@gmail.com Phone: 9848377916
5	J. Gangadhara School Assistant, Kadiri	అధ్యాపకులు! అంతా మీ చేతుల్లోనే Everything lies in the hands of Teachers	15 min	email: jutoorigangadhar@gmail.com Phone: 9440693309

**STSN GOVERNMENT DEGREE COLLEGE
KADIRI, ANANTAPUR Dt. AP.**

DEPARTMENT OF ZOOLOGY

**Re-Accredited With 'B' Grade by NAAC
An ISO 9001:2015 Institution**



2020 – 2021

**ONLINE WEBINAR CLINICAL
PATHOLOGY REPORT**

Permission Letter

From

Date: 20.09.2020.

HOD of ZOOLOGY
STSN GDC,
Kadiri.

To

The Principal
STSN GDC,
Kadiri.


Sub: Issue of permission to conduct Online Webinar on Clinical Pathology reg...

Respected Madam,

I submit the following few lines for your kind consideration, Zoology Department is going to conduct Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020. Hence grant the permission.

Thanking you Madam

Yours faithfully,


PRINCIPAL
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).


HOD of Zoology
Department of Zoology
STSN, Govt. U.G & P.G. College
KADIRI - 515 591.
Sri Sathya Sai Dist. (A.P.)

Resolution

Date: 18.09.2020

It is resolved the Department of Zoology unanimously decided, to conduct a Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020.




Head
Department of Zoology
STSN, Govt. U.C & P.G. College
KADIRI - 515 601.
Sri Sathya Sai Dist. (A.P.)

CIRCULAR

Date: 25.09.2020.

The is to inform that Zoology Department is decided to conduct Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020. Hence all the Students should attend without fail.



Head
Department of Zoology
STSN, Govt. U.C & P.G. College
KADIRI - 515 601.
Sri Sathya Sai Dist. (A.P.)

STSN Govt Degree College, Kadiri-515 591

DEPARTMENT OF ZOOLOGY



TITLE

CLINICAL PATHOLOGY

Nature of Webinar

To Create awareness on Different Parasite Disease Identification

Day 1 : 28.09.2020

Day 2 : 29.09.2020

Day 3 : 30.09.2020

Collabration

**GDC Kalyanadurg & Govt Degree and PG College (A) Anantapur &
University of Hyderabad**

Coordinator

Dr. D. Adinarayana HOD in Zoology

LIST OF RESOURCE PERSONS

S. No	Date	Topic Covered	Name of the Resource Persons
1	28.09.2020	Composition of Blood and Blood Diseases, and Blood Group Inheritance	GLN Prasad, Lecturer in Zoology, Govt Arts College, Anantapur
2	29.09.2020	Types of Parasites and Life Cycles PCR and ELISA	Dr. P. Giridhar, Lecturer in Zoology, GDC Kalyanadurg JS Prakash, Professor of Biotechnology, University of Hyderabad Hyderabad
3	30.09.2020	Types of Immunity and Autoimmune Diseases. Bacterial Diseases and Viral Protozoan Diseases	Dr. B. Sreedevi, Lecturer in Zoology, Govt Arts College, Anantapur Dr. B. Prabhavathi, Lecturer in Zoology, Govt Arts College, Anantapur

Online Webinar on Clinical Pathology Report

Dates: 28.09.2020 to 30.09.2020

Organizer: Dr. D.Adinarayana HOD in Zoology, STSN Govt. Degree & PG College, Kadiri

Aims and Objectives:

The online webinar on Clinical Pathology aims to provide comprehensive insights into various aspects of pathology, focusing on blood composition, blood diseases, inheritance of blood groups, parasite types and life cycles, immunology, autoimmune diseases, bacterial diseases, and viral protozoan diseases. The objectives include:

- ✚ **Understanding Blood Composition:** Explore the components of blood and their functions.
- ✚ **Blood Diseases and Inheritance:** Discuss the various diseases related to blood and the inheritance patterns of blood groups.
- ✚ **Parasitology:** Learn about different types of parasites, their life cycles, and their impact on health.
- ✚ **Diagnostic Techniques:** Understand the principles and applications of PCR (Polymerase Chain Reaction) and ELISA (Enzyme-Linked Immunosorbent Assay) in clinical pathology.
- ✚ **Immunology:** Explore the types of immunity and the mechanisms underlying autoimmune diseases.
- ✚ **Infectious Diseases:** Delve into bacterial diseases and viral protozoan diseases, their etiology, symptoms, and management.

Day 1: 28.09. 2020

Speaker: GLN Prasad, Lecturer in Zoology, Govt Arts College, Anantapur

Topic: Composition of Blood and Blood Diseases, and Blood Group Inheritance.

Summary: GLN Prasad delivered a lecture on the composition of blood, various blood diseases, and the inheritance patterns of blood groups. Participants gained insights into the physiological roles of blood components and the genetic basis of blood group inheritance.

Day 2: 29.09.2020

Speaker: Dr. P. Giridhar, Lecturer in Zoology, GDC Kalyanadurg.

Topic: Types of Parasites and Life Cycles.

Speaker: JS Prakash, Professor of Biotechnology, University of Hyderabad

Topic: Polymerase Chain Reaction (PCR) and Enzyme-Linked Immunosorbent Assay (ELISA)

Summary: Dr. P. Giridhar discussed the diversity of parasites, their life cycles, and the impact of parasitic infections on health. JS Prakash Professor of Biotechnology, University of Hyderabad elucidated the principles and applications of PCR and ELISA in diagnosing various diseases.

Day 3: 30.09.2020

Speaker: Dr. B. Sreedevi, Lecturer in Zoology, Govt Arts College, Anantapur.

Topic: Types of Immunity and Autoimmune Diseases.

Speaker: Dr. B. Prabhavathi, Lecturer in Zoology, Govt Arts College, Anantapur.

Topic: Bacterial Diseases and Viral Protozoan Diseases.

Summary: Dr. B. Sreedevi discussed the different types of immunity and the underlying mechanisms of autoimmune diseases. Dr. B. Prabhavathi focused on bacterial diseases and viral protozoan diseases, providing insights into their etiology, pathogenesis, and management strategies.

OUTCOMES:

- ✚ **Enhanced Understanding of Blood Composition:** Participants gained a deeper understanding of the composition of blood, including its cellular and plasma components, and their physiological roles in maintaining homeostasis.
- ✚ **Insights into Blood Diseases:** Attendees acquired knowledge about different blood disorders, including anemia, leukemia, hemophilia, and thrombocytopenia, along with their etiology, symptoms, and management approaches.
- ✚ **Understanding of Blood Group Inheritance:** The webinar elucidated the inheritance patterns of blood groups, including the ABO and Rh systems, enabling participants to comprehend the genetic basis of blood group determination and its implications in transfusion medicine and genetics.
- ✚ **Comprehensive Knowledge of Parasitology:** Participants learned about various types of parasites, their life cycles, modes of transmission, and the associated diseases. This knowledge is crucial for diagnosing and treating parasitic infections effectively.
- ✚ **Proficiency in Diagnostic Techniques:** The webinar provided insights into advanced diagnostic techniques such as Polymerase Chain Reaction (PCR) and Enzyme-Linked Immunosorbent Assay (ELISA), empowering participants with the skills necessary for accurate and timely diagnosis of infectious and immunological disorders.
- ✚ **Understanding of Immunology and Autoimmune Diseases:** Attendees gained insights into the different types of immunity, including innate and adaptive immunity, as well as the mechanisms underlying autoimmune diseases. This knowledge is essential for understanding the pathogenesis and management of autoimmune disorders.
- ✚ **Insights into Bacterial and Viral Protozoan Diseases:** The webinar covered various bacterial diseases such as tuberculosis, pneumonia, and meningitis, as well as viral protozoan diseases like malaria and dengue fever. Participants acquired knowledge about

the etiology, epidemiology, clinical manifestations, and treatment options for these infectious diseases.

- + **Promotion of Interdisciplinary Collaboration:** The webinar facilitated interdisciplinary collaboration among healthcare professionals, researchers, and educators in the field of clinical pathology. It provided a platform for sharing expertise, exchanging ideas, and fostering innovation in pathology research and clinical practice.

Online Webinar on Clinical Pathology

Dates : 28.09.2020 to 30.09.2020

Department of Zoology

SNO	STUDENT NAME	GROUP	YEAR	SEMESTER	SIGNATURE
1.	Shaik. Roshini	B2c	III	V	S. Roshini
2.	A. Himasekhar	B2c	III	V	A. Himasekhar
3.	C. Malleswari	B2c	III	V	C. Malleswari
4.	D. Swetha	B2c	III	V	D. Swetha
5.	K. Anusha	B2c	III	V	K. Anusha
6.	P. Mounika	B2c	III	V	P. Mounika
7.	U. Vanaja	B2c	III	V	U. Vanaja
8.	S. Aysha	B2c	III	V	S. Aysha
9.	S. Venugopal	B2c	III	V	S. Venugopal
10.	V. Bhaskar	B2c	III	V	V. Bhaskar
11.	D. Prema latha	B2c	III	V	D. Prema latha
12.	C. Sai Teja	B2c	III	V	C. Sai Teja
13.	J. Harisha	B2c	III	V	J. Harisha
14.	J. Lavanya	B2c	III	V	J. Lavanya
15.	K. Jyothi	B2c	III	V	K. Jyothi
16.	U. Kiran Kumar	B2c	III	V	U. Kiran Kumar
17.	P. Chaitra	B2c	III	V	P. Chaitra
18.	V. Chandrakala	B2c	III	V	V. Chandrakala
19.	V. Reddamma	B2c	III	V	V. Reddamma
20.	M. Prashanthi	B2c	III	V	M. Prashanthi



SNO	STUDENT NAME	GROUP	YEAR	SEMESTER	SIGNATURE
21	Shaik. Sahel	B2C	<u>II</u>	<u>V</u>	S. Sahel
22	K. Vijay Kumar	B2C	<u>IV</u>	<u>V</u>	K. Vijay Kumar
23	K. Sai nath	B2C	<u>IV</u>	<u>V</u>	K. Sai nath
24	P. Balu	B2C	<u>III</u>	<u>V</u>	P. Balu
25	J. Jyothi	B2C	<u>IV</u>	<u>V</u>	J. Jyothi
26	N. Shilpa	B2C	<u>IV</u>	<u>V</u>	N. Shilpa
27	N. praveenkumar	B2C	<u>III</u>	<u>V</u>	N. Praveen
28	N. Lakshmi prasanna	B2C	<u>IV</u>	<u>V</u>	N. Lakshmi Prasanna
29	Y. Haritha	B2C	<u>IV</u>	<u>V</u>	Y. Haritha
30	T. Purnashobham	B2C	<u>IV</u>	<u>V</u>	T. Purnashobham
31	A. Varalakshmi	B2C	<u>III</u>	<u>V</u>	A. Varalakshmi
32	N. Kalpana	B2C	<u>III</u>	<u>V</u>	N. Kalpana
33	N. Lakshmi prasanna	B2C	<u>IV</u>	<u>V</u>	N. Lakshmi Prasanna

B. Jyothi

10:08

70%



G.L.N. Prasad



M. Indra



Narasimhulu



Praveen Raavan





Lakshmi prasanna



Murali BOGE



K.swarna



Pr Viswa



A

Adinarayana Dandu



sreedevi basireddy





















Pr Viswa



Narasimhulu

Search

- A** Adinarayana Dandu (me)   >
 -  G.L.N. Prasad (host)   >
 - OA** OPPO A5s   >
 - 7** 76725737370   >
 - 7** 7DNUMG   >
 - AL** A. Lakshmidevi   >
 - AK** Anusha kalvapalli   >
 - AA** Anwar Anwar   >
 - BS** B. Sivanandini   >
 - BS** Bandi Sravani   >
 - C** Bhagya   >
 - HY** Haritha vadav   >
- Invite



Adinarayana Dandu



Prakash Jogadhenu



Sreenivas



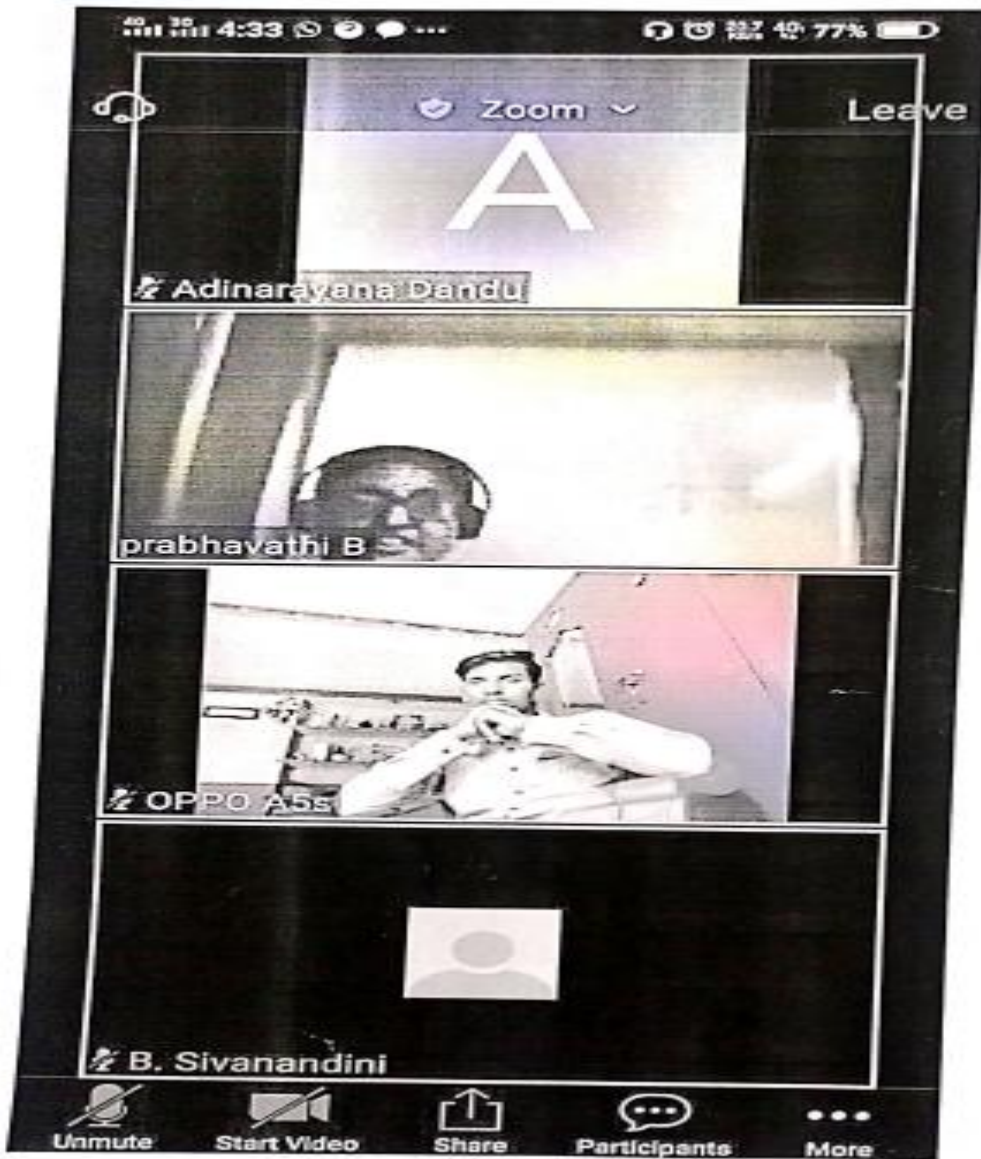
B. Sivanandini





Genomics / Proteomics / metabolomics facility in School of Life Sciences





**STSN GOVERNMENT DEGREE COLLEGE
KADIRI, ANANTAPUR Dt. AP.**

DEPARTMENT OF ZOOLOGY

**Re-Accredited With 'B' Grade by NAAC
An ISO 9001:2015 Institution**



2020 – 2021

**ONLINE WEBINAR CLINICAL
PATHOLOGY REPORT**

Permission Letter

From

Date: 20.09.2020.

HOD of ZOOLOGY
STSN GDC,
Kadiri.

To

The Principal
STSN GDC,
Kadiri.


Sub: Issue of permission to conduct Online Webinar on Clinical Pathology reg...

Respected Madam,

I submit the following few lines for your kind consideration, Zoology Department is going to conduct Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020. Hence grant the permission.

Thanking you Madam

Yours faithfully,


PRINCIPAL
STSN Govt. DEGREE COLLEGE
KADIRI - 515 591
Sri Sathya Sai (Dist).


HOD of Zoology
Department of Zoology
STSN, Govt. U.G & P.G. College
KADIRI - 515 591.
Sri Sathya Sai Dist. (A.P.)

Resolution

Date: 18.09.2020

It is resolved the Department of Zoology unanimously decided, to conduct a Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020.



Head
Department of Zoology
STSN, Govt. U.C & P.G. College
KADIRI - 515 601.
Sri Sathya Sai Dist. (A.P.)

CIRCULAR

Date: 25.09.2020.

The is to inform that Zoology Department is decided to conduct Online Webinar on “ **Clinical Pathology** ” from 28.09.2020 to 30.09.2020. Hence all the Students should attend without fail.



Head
Department of Zoology
STSN, Govt. U.C & P.G. College
KADIRI - 515 601.
Sri Sathya Sai Dist. (A.P.)

WORKSHOP REPORT ON TESTMOZ

REQUEST LETTER

To
The Principal,
STSN Govt. Degree College,
Kadiri - 515591.

Date: 27.05.2021

Subject: Request for the conduct of one day work-shop on the evaluation tool - “Testmoz” - for the benefit of the student folk - Requested - Reg.

Respected Madam,

I humbly submit to your kind notice the following few lines for favour of permission for the conduct of one-day workshop on the evaluation tool - “Testmoz” - for the benefit of interested student folk to get themselves evaluated on the topics they have learned and on the topics that are posted in the Whatsapp group - “STSN Career Guide” - being run on behalf of the Department of English. Your kind approval is requested for the conduct of said workshop that is going to contribute for the more effective and engaging learning environment. Your support in organizing this workshop would greatly benefit both the student folk and the teaching fraternity.

Thanking you in anticipation, madam.

Your's faithfully,
Sd/-
Dr R.Hyderali
In-charge,
Department of English,
STSN GDC, Kadiri.

Circular

To: All Staff Members

S.T.S.N Government Degree College, Kadiri

Subject:One-day workshop on the online evaluation tool - “Testmoz”

Organizer:Department of English

This workshop is an opportunity for obtaining the first-hand experience on the utilization of the evaluation tool - “Testmoz” on 29.05.2021 which proves beneficial both for the students and the teaching fraternity.

We look forward to your presence and active engagement.

With best regards,

1. Dr R.Hydervali, Lecturer in English, STSN GDC, Kadiri
2. B.Lalitha Bai, Lecturer in English, STSN GDC, Kadiri
3. S.Mohammad Ali, Lecturer in English, STSN GDC, Kadiri

One-Day Workshop on the online evaluation tool - “Testmoz”

Abstract:

This report presents a comprehensive overview of a one-day workshop conducted at S.T.S.N Government Degree College, Kadiri, which focused on the utilization of the online evaluation tool - “Testmoz” - both for the students and the teaching fraternity that was led by one of the faculty of the Department of English that made the participants to obtain first-hand experience and the effective use of the said evaluation tool for the benefit of both the students and the teaching faculty as enumerated in the request made to the principal in this regard.

Introduction:

Department of English organized a one-day workshop to make them experienced at the expert utilization of the online evaluation tool. This workshop guided the participants to have hands-on experience.

Workshop Objectives:

In the contemporary educational milieu, the integration of digital platforms for the purposes of assessment has become a prerequisite, particularly in the context of higher education. This workshop endeavours to elucidate the implementation and ramifications of adopting "Testmoz", an online assessment tool, within a degree college. It aims to dissect the multifaceted dimensions of “Testmoz” application, encompassing its efficacy, user interface, versatility, and the pedagogical outcomes observed amongst the student cohort.

Exploring the online evaluation tool - “Testmoz” - in teaching:

Testmoz: An Overview

Testmoz is distinguished by its user-friendly interface, allowing educators to swiftly create assessments without the necessity for extensive technical knowledge. It supports a plethora of question types, ranging from multiple-choice to short answer questions, and incorporates features such as automatic grading, feedback provision, and comprehensive analytics. This versatility makes Testmoz an invaluable tool in the educators' arsenal, enabling the adaptation of assessments to diverse learning objectives and outcomes.

Implementation Insights

The deployment of Testmoz within the degree college was met with an initial phase of acclimatization, necessitating faculty workshops and student orientation sessions to familiarize stakeholders with the platform's capabilities. However, post-implementation, a marked improvement in the efficiency of the assessment process for the interested was observed. Interested faculty members reported a significant reduction in the time expended on grading and administrative tasks, thereby reallocating their efforts towards pedagogical endeavours.

Pedagogical Implications

From a pedagogical perspective, Testmoz has engendered a shift towards more formative assessment practices, enabling continuous monitoring of student progress and the identification of learning gaps. The immediacy of feedback provided through the platform has been instrumental in fostering a culture of self-assessment and reflection amongst students, potentially contributing to enhanced academic outcomes. Moreover, the data analytics feature of Testmoz offers educators refined insights into student performance, facilitating data-driven decision-making in curriculum design and instruction.

Student Engagement and Learning Outcomes

The students' receptivity to Testmoz was positive to the extent who wish to convert their screen time constructively, with many highlighting the flexibility and accessibility of the platform as key benefits. The ability to undertake assessments remotely and at their convenience was particularly appreciated, in light of the increasing demands of higher education. Preliminary analysis of academic performance data post-Testmoz implementation indicates an uptick in student grades, suggesting that the platform may have contributed to improved learning outcomes.

Challenges and Limitations

Despite the apparent benefits, the implementation of Testmoz was not devoid of challenges. Technical issues, such as connectivity problems and platform downtimes, were sporadic but notable concerns. Additionally, there exists a potential lack of mobile phones to all the student folk to utilize the tool.

Conclusion and Future Directions

The integration of Testmoz within a degree college represents a forward leap in the digitization of assessment practices. Its impact on pedagogical strategies, student engagement, and academic performance underscores the potential of online assessment tools in enhancing the

quality of higher education. However, the successful implementation of such platforms requires ongoing support, technical infrastructure, and a commitment to academic integrity.

Key Outcomes:

The student folk and the teaching faculty who participated in the workshop came to know of the ease and utility of the tool in their evaluation process for the student folk while assessing their imparting of the lesson. Some of the students who participated evinced interest to attempt the online tests as it helps them have immediate evaluation at their end which provides immediate feedback as far as their learning is concerned.

Participant Feedback:

Feedback from participants indicated a positive shift in their approach towards the utilization of the said online tool both from the end of students and the teaching faculty.

Conclusion:

The one-day workshop at the college in respect with the said online evaluation tool got concluded with a positive response from the participants. Since then, some of the departments especially the Department of English has been implementing this tool for the evaluation of various subjects that are concerned with their academic development and that are posted in the Whatsapp group run on behalf of the Department of English. The online tests conducted on this platform till date can be witnessed at the following link: <https://testmoz.com/class/39002>

The workshop provided an opportunity to present the desired aspects in a positive manner before the participants. The workshop brought a pervading effect on the participants to have awareness on the said online evaluation tool.

Photo Gallery





STSN GOVT DEGREE COLLEGE KADIRI

DEPARTMENT OF SERICULTURE



WORKSHOP

ON

HANDS-ON EXPERIENCE IN VERMIWASH

PREPARATION

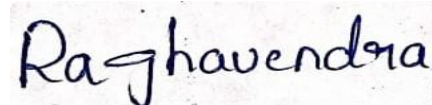
2020-2021

Date:10/11/2020

RESOLUTION

It is resolved that the department of *Sericulture* unanimously decided, to conduct a Workshop On *Hands-on Experience in Vermiwash, Preparation* The Department of Sericulture is dedicated to nurturing a holistic understanding of biological sciences among students, with a strong emphasis on environmentally friendly practices. In line with this commitment, a hands-on training program on vermiwash preparation has been designed to impart practical knowledge to students of biology. This initiative aims to raise awareness about sustainable agricultural practices, soil health, and environmental conservation.

Sericulture Faculty

A handwritten signature in black ink on a light-colored rectangular background. The signature reads "Raghavendra" in a cursive script.

From
Department of Sericulture
STSN Govt Degree College
Kadiri-515 591

To
The Principal
STSN Govt Degree College
Kadiri-515 591

Subject: Request for Permission to Conduct Work Shop in *Hands-on Experience in Vermiwash Preparation*

Respected Madam,

I trust this letter finds you well. I am writing to seek permission to conduct a Workshop in *Hands-on Experience in Vermiwash Preparation* as this process in Encourage creative expression within the workshop. Provide opportunities for participants to apply learned techniques in unique ways.

Course Details

Course Name: *Hands-on Experience in Vermiwash Preparation*

Duration: 1 DAY

Group: CZS STUDENTS

Course Content:

- *Preparation of Vermicompost Bed*
- *Harvesting Vermicompost:*
- *Vermiwash Extraction*

We kindly request your approval for the proposed workshop. We are more than willing to provide any additional information or address any concerns you may have. Your support in this endeavor is highly valued, and we believe it will significantly enhance the educational offerings at STSN GDC, Kadiri.

Thank you for considering our request. We look forward to your positive response.

CIRCULAR

10-11-2020

This is to inform that the department of *sericulture* is going to conduct a work shop in it is resolved that the department of *sericulture* unanimously decided, to conduct a workshop on *hands-on experience in vermiwash Preparation* the department of sericulture and botany is dedicated to nurturing a holistic understanding of biological sciences among students, with a strong emphasis on environmentally friendly practices. In line with this commitment, a hands-on training program on vermiwash preparation has been designed to impart practical knowledge to students of biology. This initiative aims to raise awareness about sustainable agricultural practices, soil health, and environmental conservation. In this regard enroll their names in the department of *sericulture* on or before 10.11.2020.

Department of Sericulture



Course Details

Course Name: *Hands-on Experience in Vermiwash Preparation*

Duration: 1 DAY (13.11.2020)

Group: CZS

Course Content:

- *Preparation of Vermicompost Bed*
- *Harvesting Vermicompost:*
- *Vermiwash Extraction*

COURSE DESCRIPTION AND OBJECTIVES

COURSE DESCRIPTION

Department of *Sericulture* is going to conduct a Work Shop in *Hands-on Experience in Vermiwash*. The training program begins with an introduction to vermicomposting and its benefits. Students learn about the importance of earthworms in breaking down organic matter and producing nutrient-rich vermicompost. Following this, they delve into the specific steps involved in preparing vermiwash, a liquid fertilizer derived from the nutrient-rich leachate produced during vermicomposting.

COURSE OBJECTIVES :

1. ***Selection of Earthworms***: Students are introduced to the different species of earthworms suitable for vermicomposting, emphasizing the role of *Eisenia fetida* (red wigglers) due to their efficiency in breaking down organic matter.
2. ***Preparation of Vermicompost Bed***: Participants are guided in setting up a vermicompost bed, highlighting the importance of maintaining optimal conditions such as moisture, aeration, and temperature for the earthworms to thrive.
3. ***Harvesting Vermicompost***: Students learn the techniques for harvesting vermicompost, ensuring that the compost is well-matured and ready for the next phase of vermiwash preparation.
4. ***Vermiwash Extraction***: The central focus of the training is on vermiwash preparation. Students gain hands-on experience in extracting vermiwash from the matured vermicompost, understanding the significance of this nutrient-rich liquid in plant growth and pest resistance.

STUDENT LEARNING OUTCOMES

After Successful Completion Of The workshop Course Students Will Have The Knowledge And Skills &Including

- Students Understand The Vermiwash Is An Excellent Source Of Nitrogen, Phosphorus, Potassium, And Other Micronutrients Essential For Plant Growth. Its Application Enhances Soil Fertility, Promoting Healthier Crops.
- ***Waste Reduction***: By recycling organic waste through vermicomposting
- students actively participate in waste reduction efforts, minimizing the environmental impact of organic waste disposal
- ***Sustainable Agriculture***: Through the application of vermiwash, farmers can transition towards sustainable agricultural practices, reducing the reliance on synthetic fertilizers and minimizing environmental pollution

STSN GOVT DEGREE COLLEGE KADIRI
DEPARTMENT OF SERICULTURE

List Of Students Participated In Hands-On Experience In Vermiwash

S.NO	NAME OF THE STUDENT	GROUP	YEAR
1	S.SHABHANA	CZS	I SEM
2	M.GANESH NAIK	CZS	I SEM
3	K.ANUPAMA	CZS	I SEM
4	A.DILIP	CZS	I SEM
5	B.ANJINEYULU	CZS	I SEM
6	G.FAKURUDHIN BASHA	CZS	I SEM
7	G.NAGATEJU	CZS	I SEM
8	G.SINDHU	CZS	I SEM
9	K.ANIL	CZS	I SEM
10	K.CHAITANYA	CZS	I SEM
11	K.MAHESH CHANDRA	CZS	I SEM
12	K.ROJA	CZS	I SEM
13	K.UDAY	CZS	I SEM
14	K.ANIL KUMAR	CZS	I SEM
15	M.HARINAIK	CZS	I SEM
16	M.JAGADEESH NAIK	CZS	I SEM
17	M.PRABHAKAR	CZS	I SEM
18	M.REDDY PEERA	CZS	I SEM
19.	P.GANESH	CZS	I SEM
20	P.MAHESH	CZS	I SEM
21	P.USHA	CZS	I SEM
22.	P.VENKATESWARI	CZS	I SEM
23	V.MALVIKA	CZS	I SEM

FEEDBACK FROM PARTICIPANTS

Name of the activity: *Hands-On Experience In Vermiwash Preparation*

Date:

Name of the participant: *S. Shabana*

Class: *1st year, sericulture*

Phone No.

1. How would you rate the quality of the presentations and demonstrations during the event?

- Excellent
- Very Good
- Good
- Satisfactory

2. What was your level of satisfaction about the activity?

- Excellent
- Very Good
- Good
- Satisfactory

3. Please rate your overall knowledge level about the topics covered before attending the session.

- Excellent
- Good
- Fair
- Poor

4. Please rate your overall knowledge level about the topics covered after attending the session.

- Excellent
- Good
- Fair
- Poor

5. Please write your suggestions / observations for improvement of the programme

We learned so many things and how to prepare Vermiwash & Vermicompost, harvesting Compost this is very useful to use.



STSN GOVT.DEGREE COLLEGE, KADIRI

DEPARTMENT OF SERICULTURE

WORKSHOP COMPLETION CERTIFICATE

*This is to certify that Mr/Miss/ _____ has successfully completed Workshop On Hands on Experience in Vermi Wash Preparation in the Department of **SERICULTURE** and has been awarded. the day of **NOVEMBER 13** in the year **2020** He/she is conferred the following award*

Authorized Signatory

Principal

Preparation of Vermi wash

Vermiwash, a liquid fertilizer collected after the passage of water through a column of worm activation is very useful as a foliar spray. It contains plant growth hormones like auxins and cytokinin apart from nitrogen, phosphorus, potash and other micro nutrients. It contains nitrogen fixing bacteria like Azotobacter sp., Arobactericum sp. and Rhizobium sp. and some phosphate solublizing bacteria. It acts as a plant tonic and helps to reduce many plant diseases.





Vermiwash... Empowering Mriculture



Vermiwash as a nutrient has pH of 7.48 ± 0.03 , Organic carbon% 0.008 ± 0.001 , Nitrogen% 0.01 ± 0.005 , Available phosphorous% 1.69 ± 0.05 , Potassium (ppm) 25 ± 2

- ★ *Vermiwash acts as a plant tonic and helps to reduce many plant diseases.*
- ★ *A mixture of Vermiwash (1litre) with cow urine (1litre) in 10 liters of water acts as bio-pesticides and liquid manure.*
- ★ *Increases the rate of photo synthesis in crop / plant. Increases the number of micro-organisms in the soil. Increases the crop yield. Increases the resistance to pest and diseases. Increases the rate of decomposition of compost.*