B V RAJU COLLEGE

VISHNUPUR :: BHIMAVARAM

WORKSHOPS, SEMINARS ATTENDED

s.NO	FACULTY NAME	DEPARTMENT	PERIOD/ DATE	EVENT NAME	CATEGORY(WO RK SHOP, SEMINAR, CONFERENCE)	PAGE NO
1	Dr. K. Pavan Krishna & M.Sc. Chemistry students	M.Sc. Chemistry	25-09-2025 & 26-09-2025	Meterials Engineering,Material Chemistry and material Physics	Conference	2-15
2	G SUNANDA AND 5 LIFE SCIENCE STUDENTS	LIFE SCIENCES	18th March,2024 to 22nd March,2024	"MICROBIOLOGICAL TESTING AS PER ISO METHODS FOR FOOD LABORATORIES".	5 DAY TRAINING PROGRAMME	16-25
3	J RAMESH AND FINAL BTBCC LIFE SCIENCES STUDENTS	LIFE SCIENCES	19/10/2023	WORKSHOP ON HONEY PRODUCTION[BEE KEEPING]	ONE DAY WORKSHOP	26-37
4	V PRASAD RAJU AND FINAL MBBTBC LIFE SCIENCES STUDENTS	LIFE SCIENCES	19/10/2023	WORKSHOP ON BIOFERTILIZER PRODUCTION AND VERMICOMPOST PREPARATION	ONE DAY WORKSHOP	38-53





VISHNUPUR, BHIMAVARAM

DEPARTMENT OF M.Sc. CHEMISTRY ACADEMIC YEAR - 2023 - 2024

Name of the Event / Activity International Conference			
Title of the Conference	Materials Engineering, Materials chemistry and Materials Physics (MECAP-2023)		
Dates 25-09-2023 & 26-09-2023			
Time	9:00 am to 5:00 pm		
Year of Students II (Final) M.Sc. Organic & Analytical Chemistry			
Mode of conduction	Offline & Online		
Venue	Sri Sagi RamaKrishnam Raju Engineering College(A), Bhimavaram.		
Feedback collected	Yes		

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Head of the Department Dept. of M.Sc. Chemistry \$.V.R.C. Bhimavaram-2. PRINCIPAL
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B.V. RAJU COLLEGE
Vishnupur, BHIMAVARAM-534 200





VISHNUPUR, BHIMAVARAM

DEPARTMENT OF M.Sc. CHEMISTRY ACADEMIC YEAR - 2023 – 2024

International Conference

One faculty and 5 students from M.Sc. Chemistry department have attended an International Conference on **Materials Engineering**, **Materials chemistry and Materials Physics** (**MECAP-2023**) held on 25th and 26th September 2023 at Sri Sagi RamaKrishnam Raju Engineering College(A), Bhimavaram.

In this conference Dr. K. Pavan Krishna gave his oral presentation of his paper titled "Excess Thermodynamic Parameters of Binary Liquid Mixtures of Dimethyl Malonate with Isomeric Xylenes at Different Temperatures".

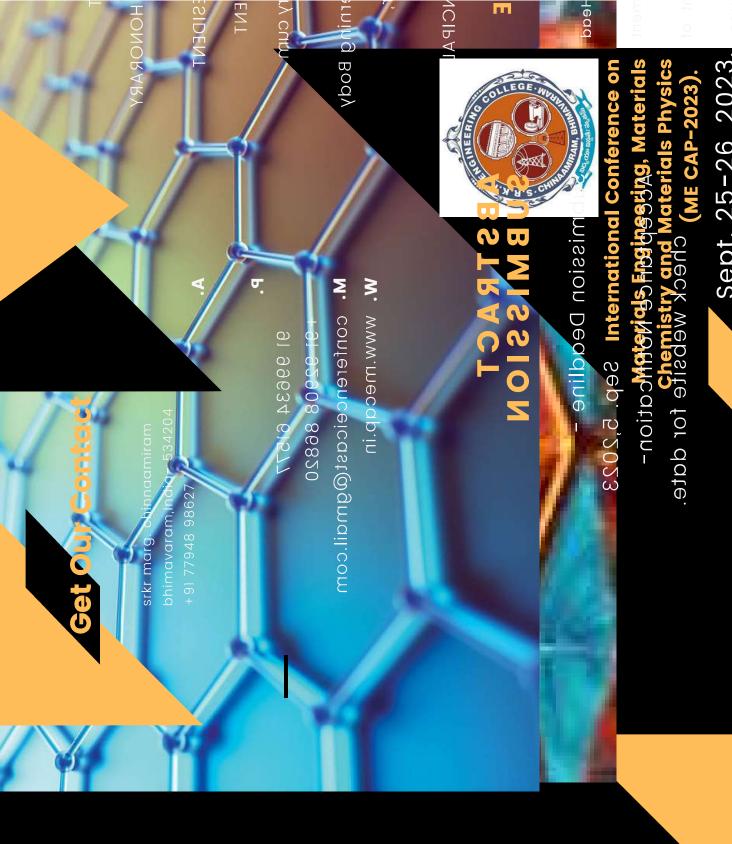
List of participants

S.No.	Name of the Participant	Designation
1	Dr. K. Pavan Krishna	Associate Professor
2	S. Jyothi	Student
3	B. Reshma Lakshmi Priyanka	Student
4	P. Sowjanya	Student
5	K. Anusha	Student
6	K. Tejaswi	Student





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Sept. 25-26, 2023. to boolywob-etologenet

Resear and Inc Physics (ME CAP-2023) The ME CAP-2023 is organized by NahotePhyDMJJO 2091D 9A1 Engineering™W Chemistry and We welcome all to the International 2191 Conference on Materials Engineering, Materials Ch**ണ്ത്സീ ദുർയമുങ്ങ**ളിടി Research Centre, Sagi**&lqgjiq占**ff Raju engineering College, Bhim **2|DIJ9JD**N

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 - energy materials
- Perovskite solar cell materials
- Inorganic hard-and soft

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- Materials for spintronic

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applications

Advanced functional materials

Day 1, Monday, 25th September, 2023::Participants presentations 1 (Onsite/Physical) (Time: 4.16 PM to 5.25 PM) - Table 1

S.NO.	S.NO. ABSTRACT CODE	NAME OF THE PRESENTER	TITLE OF THE PRESENTATION	TIME
1	MECAP2023-02	M/s M. SOWMYA	Computation of molecular interactions in nanodoped liquid crystals using ftir and the wavelet transform	4.16 PM – 4.25 PM
2	MECAP2023-03	Mr. G. CHANDRA SEKHARA RAO	Investigation of the properties of supra molecular hydrogen bonded liquid crystals using ftir and thermal analysis techniques	4.26 PM – 4.35 PM
3	MECAP2023-11	Mr. CH. VISWESWARA RAO	Multi-step synthesis, characterization and bioevaluation of novel 2-(3-methoxy-9h-carbazol-9-yl)-n-phenyl acetamide analogues	4.36 PM – 4.45 PM
4	MECAP2023-42	Mr. V. MURALI KRISHNA MADASU	Synthesis, characterization, photocatalysis, and magnetic study of magnetic-semiconductor hybrids nanocomposites: SiO ₂ /ZnSe/Fe ₃ O ₄ and SnO ₂ /ZnSe/Fe ₃ O ₄	4.46 PM – 4.55 PM
5	MECAP2023-01	Mr. J. V. SRINIVASU	Study of thermophysical properties of binary mixtures of 1,4-butanedial + cresols at different temperatures	4.56 PM – 5.05PM
9	MECAP2023-05	Dr. K. GANESH	Structure based drug design method: molecular docking study on androgenic receptor with potential lead molecules	5.06 PM – 5.15 PM
2	MECAP2023-25	Dr. K. PAVAN KRISHNA	Excess thermodynamic parameters of binary liquid mixtures of dimethyl malonate with isomeric xylenes at different temperatures	5.16 PM – 5.25 PM



B.V.RAJU COLLEGE VISHNUPUR, BHIMAVARAM



DEPARTMENT OF M.Sc. CHEMISTRY ACADEMIC YEAR - 2023 - 2024

International Conference

	MECAP2023-2	
SAGI RAMAKRIS	SHNAM RAJU ENGINEERIN MARG,CHINA AMIRAM, BH	IG COLLEGE (AUTONOMOUS) IMAVARAM - 534204
	MECAP - 2023	
No: 25	RECEIPT	Date: 04 09 2023
Received a sum of Rupe	ees	10.11.0.11.0.11
From Dr.K. Pavan	Krishna of	B.V. Raju College
towards Registration fe	ee'/ Publication Charges for	or the "International Conference
on Materials Engineerin	ng, Materials Chemistry and	d Materials Physics" on 25th &
26th September 2023.		Convener



SAGI RAMAKRISHNAM RAJU ENGINEERING COLLEGE (AUTONOMOUS) S.R.K.R. Marg, China Amiram, Bhimavaram - 534204

Nanotechnology Research Centre

Materials Chemistry and Materials Physics (MECAP-2023) International Conference on Materials Engineering,

25th & 26th September 2023

CERTIFICATE

This is to certify that Dr. K Pavan Krishna

of B.V.Raju College, Bhimavaram

has Presented orally (title: EXCESS THERMODYNAMIC PARAMETERS OF BINARY LIQUID MIXTURES OF DIMETHYL MALONATE WITH ISOMERIC XYLENES AT DIFFERENT

in the "International Conferente WARAFIAIS Engineering, Materials Chemistry and Materials Physics (MECAP-2023)"

held on 25th and 26th September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

2. Volume Dr. Venu Reddy

Convener (MECAP-2023)

Director (MECAP-2023) Dr.P.A.R.K. Raju

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S.R.K.R. Marg, China Amiram, Bhimavaram - 534204

Nanotechnology Research Centre

Materials Chemistry and Materials Physics (MECAP-2023) International Conference on Materials Engineering,

25th & 26th September 2023

CERTIFICATE

This is to certify that Dr. K Pavan Krishna

of B.V.Raju College, Bhimavaram

has Participated in the "International Conference

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Dr. Venu Reddy

Dr.P.A.R.K. Raju Director (MECAP-2023)

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25th & 26th September 2023

CERTIFICATE

This is to certify that Borusu. Reshma Lakshmi Priyanka

of B.V.Raju College

_has Participated in the "International Conference

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Dr. Venu Reddy 7. Ver

Convener (MECAP-2023)

Director (MECAP-2023) Dr.P.A.R.K. Raju

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25th & 26th September 2023

CERTIFICATE

This is to certify that Katari Anusha

of B.V.Raju College

has Participated in the "International Conference"

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Convener (MECAP-2023) Dr. Venu Reddy 7. Ver

Director (MECAP-2023) Dr.P.A.R.K. Raju

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25th & 26th September 2023

CERTIFICATE

This is to certify that Ketha. Tejaswi

of B.V.Raju College

has Participated in the "International Conference"

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Dr. Venu Reddy 7. Ver

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Director (MECAP-2023) Dr.P.A.R.K. Raju

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25th & 26th September 2023

CERTIFICATE

This is to certify that Palaparthi Sowjanya

of B.V.Raju College

has Participated in the "International Conference"

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Dr. Venu Reddy 7. Ver

Convener (MECAP-2023)

Director (MECAP-2023) Dr.P.A.R.K. Raju

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Materials Chemistry and Materials Physics (MECAP-2023) International Conference on Materials Engineering,

25th & 26th September 2023

CERTIFICATE

This is to certify that Somisetti Jyothi

of B.V.Raju College

has Participated in the "International Conference"

on Materials Engineering, Materials Chemistry and Materials Physics (MECAP - 2023)" held on 25th and 26th

September 2023 at Sri Sagi Ramakrishnam Raju Engineering College (A), Bhimavaram.

Dr. Venu Reddy 7. Ver

Convener (MECAP-2023)

Director (MECAP-2023) Dr.P.A.R.K. Raju

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VISHNUPUR, BHIMAVARAM

DEPARTMENT OF M.Sc. CHEMISTRY

ACADEMIC YEAR - 2022 - 2023

Feedback Analysis

Name of the Event / Activity: International Conference

Date: 25-09-2023 &26-09-2023

Total no.of Participants	Excellent	Very good	Good	Satisfied
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HOD

Head of the Department Dept. of M.Sc. Chemistry 3.V.R.C. Bhimavaram-2.





VISHNUPUR BHIMAVARAM

DEPARTMENT OF LIFESCIENCES

2023-2024

A COMPREHENSIVE REPORT ON

Hands on training programme on

"MICROBIOLOGICAL TESTING AS PER ISO

METHODS FOR FOOD LABORATORIES".

18th March,2024 to 22nd March,2024

At



ICAR- Central Institute for Fisheries Technology (ICAR-CIFT)
Kochi, Kerala.

A Report on Visit to ICAR-CIFT, Kochi

We Visited ICAR- Central Institute for Fisheries Technology (CIFT), Kochi, Kerala as Part of a Training Programme conducted by the Institute under the SCSP Scheme by the Quality Assurance and Management Division. A Total of 05 Members attended this Training programme from Department of Life Sciences, B V Raju College, Bhimavaram. G. Sunanda, The Faculty member From the Life sciences Department along with 04 Students from 2nd Year Namely *M.S. Benedict, M. Sushma Siri, G. Sushma, and U. Navya Sri* were attended the Training Programme which was Conducted From 18th March,2024 to 22nd March,2024 for A Period of 5 days at The Institute on "MICROBIOLOGICAL TESTING AS PER ISO METHODS FOR FOOD LABORATORIES". For A Total of 05 Days, we attended Classes and Attended Labs where we Came across A Vast Amount of Knowledge where our *Guides Dr. PankajKishore (Senior Scientist, ICAR-CIFT)*&Dr. Ranjit Kumar Nadella (Senior Scientist ICAR-CIFT) explained everything about the ISO standards and Importance of Microbiology.

We Attended the Practical Sessions For the 04 days in the State-of-the-art Microbiology Lab where We conducted Practical on various Topics which were under the guidance of *Mr. Babu P.S&Mr. Ajith Chellappan*, *Senior Technical Officers* helped us in performing many practicals which helped us to gain practical knowledge. For the 05 days we gained a lot of Practical and Technical knowledge on how to operate the instruments and on how to conduct the experiments, etc... *We had guest Lectures from Three eminent scientists from Export Inspection Agency (EIA), Government of India, Kochi Port.*

We also visited the **FSSAI Lab present in the Institute which is the** 19th of its Kind in India.

CIFT- Kochi is the National Referral Laboratory and National Reference Laboratory which is ISO/IEC 17 025: 2017Accredited and ISO 9001:2015 Certified. Day- 01 (18-03-2024)

On Monday (18-03-2024), our training programme was inaugurated by *Dr.Zynudheen A.A*, *Head of Quality assurance and Management Division* where he gave us an overview about the whole Training Programme and We were asked to Self-Introduce and after a Tea break we were taken To the Class room where *Dr. Pankaj Kishore*, *Senior Scientist*, *Quality assurance and Management Division* gave us an

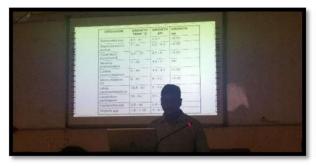


overview about ISO and what are the ISO methods and why are they essential in food laboratories and He gave a brief introduction about the <u>Preparation of Initial</u>

Suspension and Decimal Dilutions Test Samples for Microbiological Examination ISO (6887-1)

After Lunch, **Dr. Ranjit Kumar Nadella, Senior Scientist, Quality assurance and Management Division** gave us <u>a lecture about Good Food Lab Practices in Microbiology</u>

Testing where he explained about the Practices that should be followed in a microbiology lab and gave a pictorial explanation about How a Microbiology lab should be Established, the Structure of the Lab, the Different parts in the lab like Media Preparation Room, Sterilization Room, Inoculation Room & Decontamination Room. He explained about the importance of safety measures that should followed and gave us a brief pictorial explanation about the Pathogens that we are going to be handling in the next 4 days.

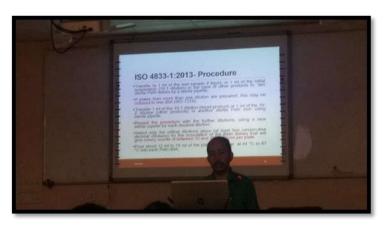




After that **Dr. Pankaj Kishore** gave a Lecture about The Preparation of Initial Suspension and Decimal Dilutions Test Samples for Microbiological Examination ISO (6887-1) where he explained about <u>General rules for Initial dilution</u>, <u>Special dilution techniques</u> <u>for Particular foods and Preparation of Samples</u>. After that he gave Explanation about the ISO Methods for different pathogens like Salmonella, E. coli, Campylobacter, coliforms, Bacillus and Yeasts & Moulds.

Day- 02(19-03-2024)

On Tuesday (19-03-2024), We had A Guest Lecture by *Dr. Sabbir Ali A.M, Export Officer, Export Inspection Agency (EIA), Kochi* on Colony Count at 30 Degrees Celsius by the Pour Plate technique and Surface plating technique (ISO 4833-1 and ISO 4833-2) where he explained about the Standard that needs to be maintained during



inoculation, Culturing, and Isolation. He explained that inoculation should be done at 30 degrees Celsius for 72hours and explained about Isolation techniques.



After a tea break, we had Lecture by *Dr. Femeena Hassan, Senior scientist, ICAR-CIFT* on Enumeration of Escherichia Coli and Coliform Bacteria in Water (ISO 9308 1&2) where she explained about Importance of Water and Gave an Inside out explanation about Indicator organisms and Standard Indicator Organisms. She Explained about how to test our Drinking water using ISO standard methods and Importance of Clean Drinking Water for the Health of a Human Being.

After That *Dr. Ranjit Kumar Nadella*, gave a Lecture about Enumeration of E. coli by solid plate method (ISO

<u>16679-2) & MPN method (ISO 16649-3)</u> where he explained about the Plating techniques and MPN method and gave us an Overview about the Practical Session that will be conducted in the afternoon session.

After the Lunch Break, we were taken to The Microbiology Lab where *Mr. AjithChellappan, Technical officer* gave us A Brief Explanation about the Protocols that need to be followed in the Lab and gave us an introduction about the Different kinds of Pathogens we will be handling and their characteristics and *Mrs. Bindu Joseph, Head for Media preparation*

explained about importance of culture media and Made us Prepare <u>TCBS (Thiosulfate-citrate-bile salts-sucrose agar)</u> and Made us to plate them in sterile petri dishes and She explained the composition of Different culture medias and the importance of Autoclaving and creation of a sterile medium for bacterial growth.



Day-03 (20-03-2024)

On Wednesday (20-03-2024), *Dr. Ranjit Kumar Nadella* held a Group Discussion with all the Participants where he divided all the participants into 05 individual groups and each group was assigned a Topic to discuss and to give a Seminar. All 05 of us were split into 3 different groups where we gave seminars on our assigned topics and Ranjit sir gave Corrections and Suggestions If needed and helped us to understand the topic in an in-depth way.

After that *Dr. Ranjit Kumar Nadella*, gave a lecture on Isolation and Identification detection of Salmonella Species (ISO 6579-1) where he explained about the Procedure and the four steps involved in this Process and He explained about the biochemical tests and Serological tests where he explained



about use of different agars like Xylose Lysine Deoxycholate agar (XLD), Bismuth Sulfite Agar (BS), Hekaton Enteric Agar (HE) and CHROM agar Salmonella Plus. He further held a brainstorming session about salmonella where he explained in-depth about it. After that He gave us a heads-up about the Practical session that will be conducted after Lunch.



After Lunch, We were taken to the lab where *Dr.Babu P.S*, *Senior technical Officer*gave us an overview about the Pathogens and We extracted the Bacteria from frozen shrimp which we inoculated in Petri dishes and Petri films and we Incubated them for 24hours. Then we conducted streaking in the TCBS agar plates and They were too kept for Incubation.

After that *Mr. Ajith Chellappan* explained how to count the colonies in serial dilutions and explained about the Formulae to be used in it.

After That **Dr. Babu.P. S** explained about the Growth of Salmonella and Showed us few samples of Salmonella growth

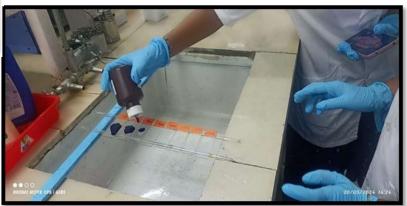


Day-04 (21-03-2024)



On Thursday (21-03-2024), we had a guest lecture by *Dr. Abhilash, MPEDA, Kochi* on <u>Isolation</u> and <u>Detection of Vibrio cholerae, Vibrio</u> parahaemolyticus and <u>V.Vulnificus</u> (ISO 21872-1) where he explained about the growth of vibrios and How to isolate and Detect them and He gave an

in-depth view about how PCR is used in different fields and explained about the components and the process of the Polymerase chain reaction.

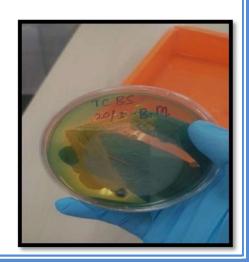


After that **Dr. Pankaj Kishore** gave a Lecture on **Isolation and Detection of Listeria Monocytogenes (ISO 11290-1)** where he explained about the Listeria monocytogenes and He gave an in-depth view about this pathogen growth and He explained further thriso standards that are involved in this testing and gave us a heads-up about the Practical session.

After the Lunch, We conducted Gram staining where *Mr.Padmaraj.P.S, Technical officer* explained about the Gram staining and he gave us an in-depth about why gram staining is important and The differentiation between gram positive bacteria and Gram Negative bacteria.

After that we observed the TCBS agar plates that we conducted Streaking on Wednesday (20-03-24) and we observed the bacterial growth and We also checked the Petri films that we introduced the pathogen into and checked for its growth.





Day-05(22-03-2024)

On Friday (22-03-2024), we had a Guest lecture by **Dr.Vinay Kumar, Assistant Director, Export Inspection Agency (EIA), Kochi** on **Orientation to Molecular Detection of Bacterial Pathogens in food.** Where he explained about the usage of standards by ISO and explained about the Usage of PCR and History of PCR and Explained about the types in PCR and He further Explained in depth about the Usage of ISO standards in Export and Gave Further information about Developments in PCR and the Modern Techniques.

After that **Dr.Devananda Unchoi, QAM division,ICAR-CIFT** gave a Lecture on **Enumeration Of Yeast and Moulds as per ISO 21527-1&2-2008** where he explained about Yeast and Usage of it in different industries and The Suitable conditions for Mould Growth.





After Lunch, **Dr.Babu P.S** made us to perform a practical where he directed us to inoculate a Pathogen in to the Antibiotic media and observe the changes and Further explained about the Biosafety measures that should be followed while handling these pathogens

After *Dr.Ranjit Kumar Nadella*, Showed us <u>The FSSAI lab</u> and Explained about the Impotance of this Lab and explained about the Fields that CIFT-Kochi tests the Food and regulates the standards and He further Mentioned that <u>this is 19th Laboratory of its Kind and the Major Laboratory for Seafood Testing in India</u>

CONCLUSION:

We gained Knowledge about the ISO Standards and got to understand in-depth about different pathogens and How Microbiology is crucial in food laboratories and Importance of following the ISO methods.







ICAR-CIFT

The ICAR-CIFT was established in 1957 and caters exclusively to harvest and post-harvest technology in fisheries and carries out research in all disciplines of harvest and post-harvest sector of fisheries. ICAR-CIFT plays a vital role in the development and implementation of quality and food safety in the fish processing industry and in developing standards for fish and fishery products for domestic & export markets. As a Reference Laboratory of FSSAI, the institute carries out regular analysis of fish and fish products and development of analytical method for various contaminants.

About the training

This hands-on training course is offered for graduate and post-graduate students in the discipline of Fisheries Science/Food Science/Food Technology/Quality assurance or any other equivalent or relevant science disciplines. The objective of this course is to enhance skills of Scheduled Caste personnels in food testing and various food manufacturing industries.

Topics covered

- Isolation of bacterial pathogens
- Conventional identification methods
- Molecular techniques for pathogen detection
- Antimicrobial susceptibility tests

Duration

The training will be of 05 days duration and is scheduled to be organized during 18-22 March 2024.

Eligibility

This is a special capacity-building programme for the students belonging to the Scheduled Caste category. Graduate and post-graduate students Fisheries Science/Food Science/Food Technology/Quality assurance or any other equivalent or relevant science disciplines are eligible to apply. A screening committee shall make the selection of the candidates as per the guidelines of ICAR. The selected candidates shall be intimated regarding their selection for training on 12 March 2024.

Procedure of participation

Eligible candidates may prepare as per the format given in the brochure. The participants may send the application form duly filled in and approved by the competent authority of the organization to the Course Director at the address given in the brochure by email (pkishorecift@gmail.com, qamdiv@gmail.com).

Travel & Food

The candidates selected for participation in the training shall be reimbursed travel expenses (to and fro) as per their entitlement restricted up to <u>sleeper class</u> rail fare by the shortest route subject to submission of documentary evidence in terms of original tickets. Participants will be provided with food as per ICAR norms at the expense of CIFT.

Venue & Location

Quality Assurance and Management Division, ICAR- CIFT, CIFT Junction, Matsyapuri P O, Willingdon Island, Cochin, Kerala- 682029 (India).

Important Dates

- Last date for receipt of applications: 12 March 2024
- > Intimation of Selection: 14 March 2024
- Last date of confirmation by Participants: 15 March 2024



Head of the Department
Dept. of Life Science
B.V. RAJU COLLEGE

VICE PRINCIPAL

PRINCIPAL
PRINCIPAL
B.V. RAJU COLLEGE
Vishnupur, BHIMAVARAM-534 202

B V RAJU COLLEGE

VISHNUPUR BHIMAVARAM

DEPARTMENT OF LIFESCIENCES



EDUCATIONAL VISIT & ONE DAY WORKSHOP ON

HONEY PRODUCTION[Bee keeping]

AT

YSR HORTICULTURE UNIVERSITY, TADEPALLIGUDEM





B.V. Raju College

(Formerly Dr. B.V. Raju Institute of Computer Education)

Affiliated to Adikavi Nannayya University
Vishnupur, BHIMAVARAM,
West Godavari Dist-534 202, A.P., India
Tel: 08816 - 250861/62,
E-mail: bvrcollege@rediffmail.com
www.bvricedegree.edu.in

Bhimavaram

16-10-2023

To

The Registrar,

Dr.Y.S.R.Horticultural University,

Venkataramanna Gudem.

Sub: Seeking permission to visit Horticultural University, V.R.Gudem. Respected Sir,

I am writing this to humbly request you to give permission to our Life Sciences Department students to visit your Horticultural University on 18/10/2023 on behalf of Community Service Project. For this purpose they want to visit HRS, KVK and HCRI in a disciplined manner. Our Life Sciences Department faculty also accompany with the students.

Thanking you Sir

Yours faithfully

(PRINCIPAL)

PRINCIPAL .
B.V. RAJU COLLEGE
Vishnupur, BHIMAYARAM-534 20%

rediffmail

Mailbox of byrcollege

Subject: Dr.YSRHU - Request for exposure visit to students - Permitted - Reg.

From: B Srinivasulu <de@drysrhu.edu.in> on Wed, 18 Oct 2023 12:23:42

To: bvrcollege@rediffmail.com

1 attachment(s) - Udyana_Yatra.pdf (785.39KB)

We are pleased to inform you that permission is granted for field visit at Dr.YSRHU, Venkatarammanagudem on 19.10.2023. Kindly go through the brochure attached and follow the guidelines mentioned, during the visit.

Dr.E.Karunasree
Director of Extension (FAC)
Dr.Y.S.R Horticultural University
Venkataramannagudem-534101
West Godavari District,
Andhra Pradesh.

Head of the Department
Dept. of Life Science

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B V RAJU COLLEGE

VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

HONEY PRODUCTION

Honey bee center:

Dr.Emanuelan entomology scientist was explained about honey bee culture and explained about following species

Dammer bee:

• It is an domestic bee these are sting less it can be cultivated in pots. We can yield 100g of honey in an year.

Rock bee:

- It is an wild bee highly ferocious. These are found in rocks and tall buildings it gives about 60kgs of honey per year.
- **Little bee:** We cannot grow these bees it is an good pollinator it gives 0.5 kgs of honey per year.





Italian bee:

• These are domesticated it was grown in inside tree trunk and dark cavities it yield about more than 25kgs.



Indian bee:

 It is native to India and domesticated it yield about 5 to 10 kgs per year.



B.V.RAJU COLLEGE VISHNUPUR, BHIMAVARAM DEPARTMENT OF LIFESCIENCES VISIT TO HORTICULTURE UNIVERSITY - VENKATARAMANNA GUDEM

GROUP: II BT BC C

DATE: 19 - 10 - 2023

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18 .	223117141160	K. SATYA SRI	k. Satya sri
19 *	223117141161	L. AISWARYA	L. Aiswarya
20 •	223117141164	M. ANITHA JASMIN	MA. Jasmin
21 •	223117141165	M. MOUNIKA	M. Mounika
22 •	223117141166	M. ASRITHA	M. Ashritha
23	223117141167	M. SHYAM MANJUNADH	M. SHYAM
24	223117141168	Md. AFREEN	md Afreen
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27.	223117141171	N. LAKSHMI MOUNIKA	N. Mounika
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30 ,	223117141174	P. R V SUBRAHMANYA KUMAR	P. Ravi
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42	223117141186	T. RAJA RAJESWARI	T. Raja Rajewani
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46	223117141191	V. JANAKI LAKSHMI	V Tonaki Lakahori
47	223117141192	V. UMA RAMA KAMESWARY ACHINTYA	Achintya

Head of the Department
Head of the Science
Dept. of Life Science
Dept. RAJU COLLEGE
Vishnupur, Bhimawaram.534 202

VICE PRINCIPAL

PRINCIPAL

PRINCIPAL B.V. RAJU COLLEGE VISHNUPUR, BHIMAVARAM-534 202



VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

FEED BACK FORM

NAME OF THE STUDENT: U' Marya & ri	YEAR/CLASS: IBIBCC
COLLEGE NAME: B.V Raju College.	
1. What is your feeling about this visit?	
□ Excellent ☑ Good □ OK	
2. Is this given awareness on your subject topics?	
₹ Yes □ No	
3. Did you acquire knowledge on different units covered in this field visit?	
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4. Upto which extent this is useful to you?	
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5. Do you want to attend more tours like this in future?	
☐ Yes ☐ No	
6. Overall rating on this visit in your opinion?	
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Contact number 9030946097



VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

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NAME OF THE STUDENT: INDIA REVATHE	YEAR/CLASS: 2nd year
COLLEGE NAME: B.V. Raju collège.	BTBCC.
1. What is your feeling about this visit?	
□ Excellent ☑ Good □ OK	
2. Is this given awareness on your subject topics?	
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VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

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NAME OF THE STUDENT: M. Sasanka	YEAR/CLASS: 2 8 8 tbce
COLLEGE NAME: B.V. Raju collège	
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	Signature

9182671565 Contact number



VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

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NAME OF THE STUDENT: K. Sal Satya	YEAR/CLASS: I BTB((
COLLEGE NAME : B.V. ROJU	
1. What is your feeling about this visit?	
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2. Is this given awareness on your subject topics?	
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6. Overall rating on this visit in your opinion?	
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B V RAJU COLLEGE

VISHNUPUR BHIMAVARAM

DEPARTMENT OF LIFESCIENCES



EDUCATIONAL VISIT & ONE DAY WORK SHOP
ON
BIOFERTILIZER PRODUCTION (ALGAE) &
VERMICOMPOST

YSR HORTICULTURE
UNIVERSITY, TADEPALLIGUDEM.

ΔΤ



VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFESCIENCES

VISIT TO Dr. YSR HORTICULTURE UNIVERSITY

II year Lifesciences Department students visited Dr. YSR Horticulture University on 19th October,2023.



Sites visited in the University:

Krishi Vignana Kendra

Azolla farming

Wermi compost production

Mushroom Unit

Flower drying techniques

Honey bee center

Center of excellence

Museum

KRISHIVIGNANA KENDRA

In the morning session, students visited the seminar hall of KrishiVignana Kendra where **Dr.Deepthi**, Head of the department, **Dr.Satynarayana** and **Dr.M.Vijayalaxmi**, technical officer addressed the gathering and explained the different branches in the university. From there, they guided to all the places in the university.

Krishivignana Kendra is a platform where the technologies are transferred from laboratory to agriculture land by scientists.

KVK is an integral part of the national agriculture research system (NARS), aims at develops the agricultural technologies useful for farmers.









VERMI COMPOST PRODUCTION & AZOLLA PRODUCTION

Dr. Satyanarayana detailed about Vermi Compost and Azolla production units.

He discussed about the preparation of beds and types of earthworms used in vermi compost.

He also explained about the production of Azolla and its usuage as biofertilizer in agriculture and animal feed.









HONEY BEE & MUSHROOM CULTIVATION CENTRE

Dr.Emanuel, scientist in entomology explained about honey bee culture, production and varieties of honey bee species like Dammer bee, Rock bee, Little bee, Italian and Indian bees.

He also explained about the cultivation and varieties of mushroom that were produced in the university. He also mentioned the importance of mushrooms in daily life.







FLOWER DRYING TECHNIQUE CENTRE

In this centre, dried, non-crumpled flowers are used for different art works and observed several photo frames made by them.









MUSEUM

In the noon, Dr. Deepthi had given a glance about the location and position of Horticulture University in India. She also explained about the achievements and the varieties of crops that are cultivated in the university. Thereafter she took to the radio station of the University.







CENTRE OF EXCELLENCE

Dr. Narasimha Rao guided the students to the innovative center, "CENTRE OF EXCELLENCE" in the University.

In the Center of Excellence, they used various technologies and polyhouses to cultivate crops and protect them from weeds and insects.

They also explained about the automated fans, drip irrigation and conditions required to maintain temperature and water balance for plant saplings.

He also included that the plants that were cultivated in the centre of excellence are taken to the fields after several stages of growth.









B.V. Raju College

(Formerly Dr. B.V. Raju Institute of Computer Education)

Affiliated to Adikavi Nannayya University

Vishnupur, BHIMAVARAM,

West Godavari Dist-534 202, A.P., India

Tel: 08816 - 250861/62,

E-mail: bvrcollege@rediffmail.com

www.bvricedegree.edu.in

Bhimavaram

16-10-2023

To

The Registrar,

Dr.Y.S.R.Horticultural University,

Venkataramanna Gudem.

Sub: Seeking permission to visit Horticultural University, V.R.Gudem.

Respected Sir,

I am writing this to humbly request you to give permission to our Life Sciences Department students to visit your Horticultural University on 18/10/2023 on behalf of Community Service Project. For this purpose they want to visit HRS, KVK and HCRI in a disciplined manner. Our Life Sciences Department faculty also accompany with the students.

Thanking you Sir

Vishnupur Cm W.G.Dist. * A.P.53A292 Yours faithfully/

(PRINCIPAL)

PRINCIPAL .
B.V. RAJU COLLEGE
Vishnupur, BHIMAVARAM-534 202

rediffmail

Mailbox of byrcollege

Subject: Dr.YSRHU - Request for exposure visit to students - Permitted -

From: B Srinivasulu <de@drysrhu.edu.in> on Wed, 18 Oct 2023 12:23:42

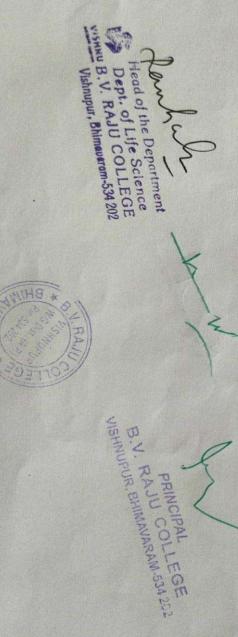
To: bvrcollege@rediffmail.com

1 attachment(s) - Udyana_Yatra.pdf (785.39KB)

We are pleased to inform you that permission is granted for field visit at Dr.YSRHU, Venkatarammanagudem on 19.10.2023. Kindly go through the brochure attached and follow the guidelines mentioned, during the visit.

- Dr.E.Karunasree
Director of Extension (FAC)
Dr.Y.S.R Horticultural University
Venkataramannagudem-534101

West Godavari District, Andhra Pradesh.



B.V.RAJU COLLEGE VISHNUPUR, BHIMAVARAM DEPARTMENT OF LIFESCIENCES VISIT TO HORTICULTURE UNIVERSITY - VENKATARAMANNA GUDEM

GROUP : II MB BT BC

DATE: 19 - 10 - 2023

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3 -	223117141274	B. TEJA SRI	BT4°37
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5	223117141278	B. MOUNISHA	B.M. OUNING
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7.	223117141280	B. PUJA VALLI	B. Pujavalle
8 :	223117141281	CH. PUJA DURGA LAHARI	Ch. Lahari
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22 .	223117141296	K. SHARON	K. Shavort
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44 -	223117141323	V. LOKESH NARASIMHA NAIDU	V. Lokees.
45 -	223117141324	V. SRIMOHANA MANIKANTA	V.S. H. Manilconta
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VICE PRINCIPAL

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VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

FEED BACK FORM

NAME OF THE STUDENT: G. Deevena	YEAR/CLASS : TINMBBIL
COLLEGE NAME: B.V. Raju	
1. What is your feeling about this visit?	
☑ Excellent ☐ Good ☐ OK	
2. Is this given awareness on your subject topics?	
√Z Yes □ No	
3. Did you acquire knowledge on different units covered in this field visit?	
Yes No	
4. Upto which extent this is useful to you?	
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5. Do you want to attend more tours like this in future?	
✓ Yes □ No	
6. Overall rating on this visit in your opinion?	
₽ 90-100 □ 80-90 □ 70-80	

Signature G. Deevena.

Contact number 7207516442

VISHNU UNIVERSAL LEARNING

B.V.RAJU COLLEGE

VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

FEED BACK FORM

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NAME OF THE S	TUDENT : M.P.	1. Parvathi Devi	YEAR/CLASS ! MBBTBC
COLLEGE NAME	E: B.V. Raju	collège	
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Signature M.P.1. PostVathi Devi Contact number 9392228662



VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

FEED BACK FORM

NAME OF THE STUDENT: SHALK NIAZEER 2nd YEAR/CLASS: IMBBTBC COLLEGE NAME: B. V. RAJU COLLEGE
1. What is your feeling about this visit?
✓ Excellent □ Good □ OK
2. Is this given awareness on your subject topics?
✓ Yes □ No
3. Did you acquire knowledge on different units covered in this field visit?
☐ Yes ☐ No
4. Upto which extent this is useful to you?
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5. Do you want to attend more tours like this in future?
Yes No
6. Overall rating on this visit in your opinion?
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Contact number 6309179717

VISHNU UNIVERSAL LEARNING

B.V.RAJU COLLEGE

VISHNUPUR, BHIMAVARAM

DEPARTMENT OF LIFE SCIENCES

VISIT TO HORTICULTURE UNIVERSITY, VENKATARAMANNAGUDEM

Date 19/10/2023

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NAME OF THE STUDENT: 9. SUSHMA COLLEGE NAME: B.V. RAJU. COLLEGE	YEAR/CLASS: 2" y BSC. MBBIBA
What is your feeling about this visit?	
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Signature : G. Sud-Contact number 8125243231