

DEPARTMENT REPORT 2023-2024

**Individual Commitment to a group effort – that is what make
team work, Society work , a civilization work**

Microbiology and Biochemistry

CSP Project Biochemistry

Biochemistry community service project viva voce for the first years was held on 1-07-2023.

24 Students from MBCs were Registered under 'Biochemistry' CSP on the topic -" A survey on usage of diabetic and blood pressure drugs and their effects and Sports biochemistry" . Viva voce went well with their oral presentations , The Examiners for viva voce were

1. Dr.A.Padmavathi (Internal)
- 2 .V.Lalitha Pavani. (internal)
- 3.Mrs.R.Mohini, from, Management Studies (External)

1. CSP Project Microbiology

Microbiology community service project viva voce for the first years was held on 1-07-2023

10 Students of MBN & four students of MBC were Registered under 'Microbiology' CSP on the topic "Role of probiotics as supplements in Improving human health -A survey: Viva voce went well with their oral presentations. The Examiners for viva voce were

- 1.Mrs.R.Radha (Internal)
- 2.Mrs.G.Stella (Internal)

3.Mrs.P.Anusha, Physics & Electronics (External)

Foundation day cum Platinum Jubilee (inaugural)

Twin celebrations were held on 5th of July 2023 ,Holy mass was conducted under the Lordship ,Rev.Fr.Bala(vicar journal) and team (Fr.Maria Joji , Fr.Injai Paul ,Moses & Michael),Mother.Ernestine Fernandes, Correspondent&Superior ,declared the Platinum Jubilee as open. Dr.P. Jyothi Kumari (HOD of Nutrition) was the MC for the program.Program started by lighting the lamp ,invoking God's blessings. After the release of the emblem of Platinum Jubilee.Holy mass was conducted. The Rainbow theme was chosen by Different Departments and they were assigned with different colours to give the offerings,such as seeds ,sapling , plants, gold, diamond and the logo of Platinum Jubilee. Poornakumbham, an Indian tradition of welcoming, was given to Father's. 70 yrs of the success and achievements of college are presented as the Saga of success and at last the program was ended successfully with a vote of thanks proposed by Dr . R.Madhavi (Head of the Dept of English).

In house projects- Microbiology

In house project viva voce for second years was held on 30-7-2023. In-house projects guided by Dr.A . Padmavathi which include -“ The role of probiotics in Improving human health and Estimation of curcumin in different turmeric samples using UV-Visible spectrophotometer. Another project -"A survey on various types of food preservation techniques-A forgotten role (sundry,salting, sugaring) ",was guided by Dr..Y.Neeraja .

1. Dr.A.Padmavathi (Internal)

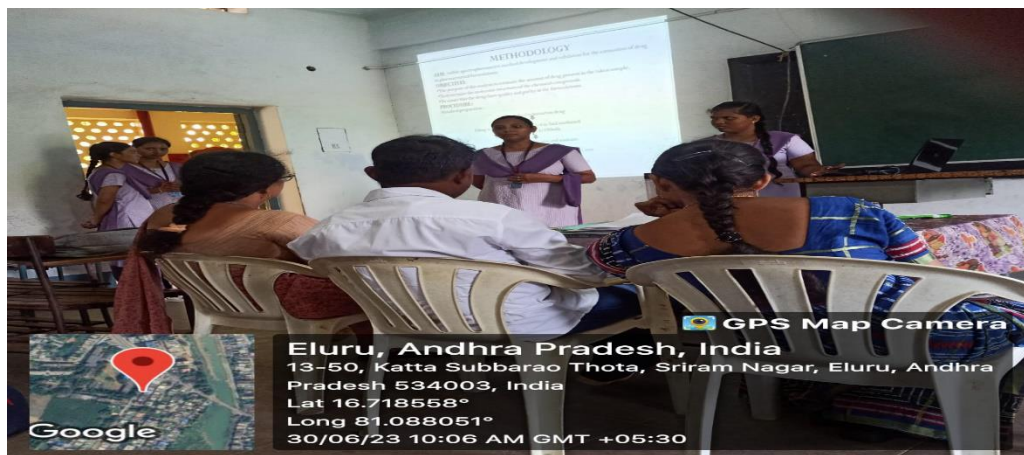
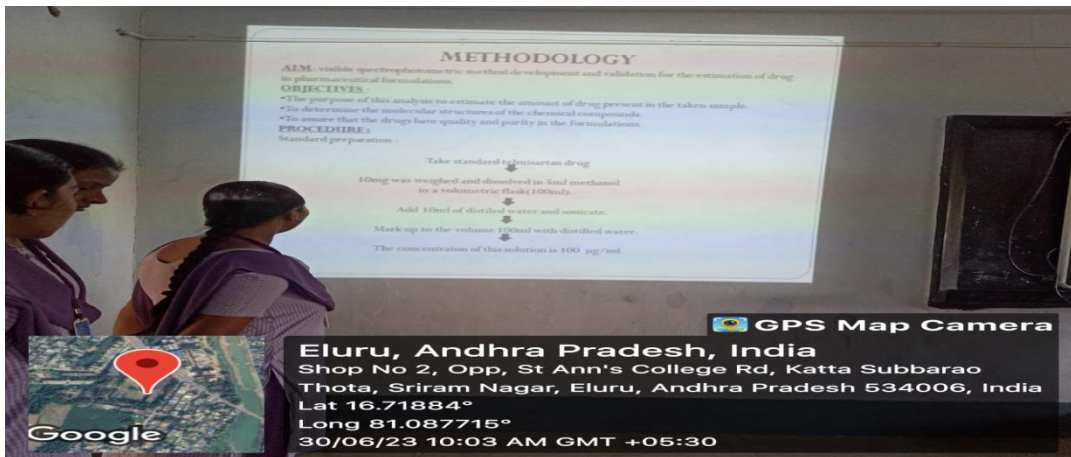
2 . Dr.K.S.V.K.S.Madhavi rani,Dept of Zoology (External)

3.Mr.Shariff, Dept of computer science (External)



In-house project biochemistry

In house project for second years was held on 30-7-2023 two inhouse projects were guided by V.Lalitha pavani and G.Stella on title estimation and analysis of different antioxidant properties using UV visible spectrophotometry . Dr.Y.neeraja was a internal from the department of microbiology, Ravi Kumar as external from the department of agriculture bsc.



STUDENT OFFICE

N. Lisa Jose was elected
academic year




BARRERS

as the union secretary for the
2023- 2024

RECRUITMENTS

Dr. Y. Neeraja got a offer from Indo- Global Academy For Agroecology Research and Learning (IGGARL) In Rythu Sadhikara Samstha , Govt of A.P as a Project Linked Associate (PLA) Guntur, Pulivendula (kadapa district)



Date: 03.08.2023


From:
Rythu Sadhikara Samastha
Guntur
Andhra Pradesh

Offer of Appointment Letter

Sub: Offer of Appointment as Project Linked Associate (PLA), Academy, Guntur/
Pulivendula Reg.

Dear Dr.Neeraja Yarramala,

1. With reference to your application and subsequent selection process, we are pleased to offer you Project Linked Associate (PLA) position for Academy based in Guntur initially and will be shifted to Pulivendula, Kadapa District, Andhra Pradesh as per the office exigencies. You are required to join on or before 01.09. 2023.
2. **Contract Period & Extension:** The position is purely contractual in nature for a period of one year from the date of joining, extendable based on your performance and mutual agreement.
3. **Remuneration & Benefits:** You will be paid a consolidated remuneration of Rs.55,000/- (Fifty -Five Thousand only) per month. In addition to the remuneration, you will be paid Data & Communication Allowance (DCA) of Rs. 3000/- per month. The same shall be subject to deduction of taxes at source as per applicable Income Tax laws.
4. **Reporting:** You will directly report to Chief Executive Officer, RYSS-APCNF and closely work with the taskforce and entire team at State Office, District Units and Partners.




6. **Notice Period for termination of appointment:** This appointment can be terminated by either party by giving one month notice.
7. **Job Description:** Your Job description is placed as below. This may be changed or modified as the project evolves.

Position Purpose: Be responsible for supporting the Thematic Lead, Research & Learning Academy.

Specific Responsibilities:

- i. Support the Academy in conducting Research & Learning activities
- ii. Conduct trainings to the Mentors & Farmer Scientists
- iii. Perform any other activity as assigned from time-to-time

If the above offer of appointment is acceptable to you, please sign and return us a signed copy of this offer of engagement as a token of your acceptance to RySS State office on or before 05.08.2023.

Yours sincerely,

Chief Executive Officer, RySS

ACCEPTANCE OF OFFER

I accept the terms and conditions attached as Annexure and agree to abide by the same.

Name:
Place:
Date
Signature

To
Dr.Neeraja Yarramala,

Copy to

The Executive Vice Chairperson for kind information.
The Senior Team members, Research & Learning for information and necessary action.
The Chief Finance Officer, SPMU, Guntur.

MUSHROOM CULTIVATION

On Aug 22 Students of third B.sc MBC, MBCOMP.MBN attended Tanusri Mushroom cultivation industry to gain the knowledge on the basic techniques



INTERNATIONAL MICROORGANISMS DAY

on 20th September

on the eve of international day of microorganisms(September 17th) department of microbiology and biochemistry organized a programme depicting the role of microorganisms in our day to day life. As a part of the programme natural sanitizers and badges prepared by the students were distributed to staff members .

A surprise game was planned on good microbes in which Dr.P.Ratnamary ,hod of social sciences won the prize.



INTERNATIONAL CONFERENCE

A paper on “study on efficiency of phytochemical extracts of *Tridax procumbens* using alcoholic and aqueous solvents was published at international seminar with authors Dr.A.Padmavathi (H.O.D of department of microbiology, biochemistry) and G.Stella (Lecturer in biochemistry) and presented by V.Lalitha pavani (Lecturer in biochemistry) at the conference.





GUEST TALK

Dr. Mohammad Al saiqali , a renowned scientist(Microbiology, medical microbiology, Biotechnology) the coordinator of research and development and associate professor of microbiology at anwarul uloom college - Hyderabad , Telangana state has given a guest talk on basic fundamentals of microbiology for the 2nd &3rd year Bsc students on 14-10-2023.



RESOURCE PERSON

On the eve of international microorganisms day ,on 19th September Dr.A.Padmavathi was invited as resource person for the event “ Display of Microorganisms as food at Sri Durga Malleswara Siddhartha Mahilakalasala ,Vijayawada.



INVITED GUEST TALK

On 21st of November Dr.A Padmavati gave a guest talk on BIOFERTILIZERS at Sir.crr.college for Women , vatluru and Honoured by Principal.



On 4th of September department of Biochemistry organized a competition for students on Just a minute structure. To get ready with their basic concepts in Biochemistry this competition was conducted. II & III year applied science students participated

On December 2nd department of microbiology and Biochemistry Organised World's AIDS day on theme "LET COMMUNITIES LEAD".



BOS MEETING 2024

BOS Meeting of Microbiology and Biochemistry 2024 was held on 23-01-2024 that is on Tuesday in Microbiology laboratory as offline mode subject Expert and University Nominee attended the meeting . Meeting ended up with few very changes in the syllabus

CARRIER GUIDENCE FOR INTER STUDENTS

On Dr. A.Padmavathi (hod of Microbiology and biochemistry) went to inter campus to enlight the students on scope of applied science and their oppurtunities .



JOURNAL CLUB INAUGURAL

On February 27 department of Applied Sciences opened journal club by Dr.R.Madhavi Hod of English department the main aim of this club to acknowledge the students on upcoming research works in different aspects Jasmine from second MBN is elected as president for this club further activities like presenting papers are scheduled on every Monday from 3 to 4



SCIENCE DAY

- On February 28 students from different schools attended for the science exhibition at ch.sd.st.theresas college and witnessed microbiology laboratory to improve the knowledge on practical skills and biochemistry lab and gained knowledge on scope



and history of biochemistry

STUDENTS ACHIEVEMENTS

Habeeba of second MBN and Shahina of second MBN won first prize in elecution competition conducted by women cell and by social sciences prizes were given by Principal



on women's day celebrations