

DEPARTMENT OF BIOCHEMISTRY

DEPARTMENT ACTIVITIES

2018

BIOCHEMISTRY DAY-2018

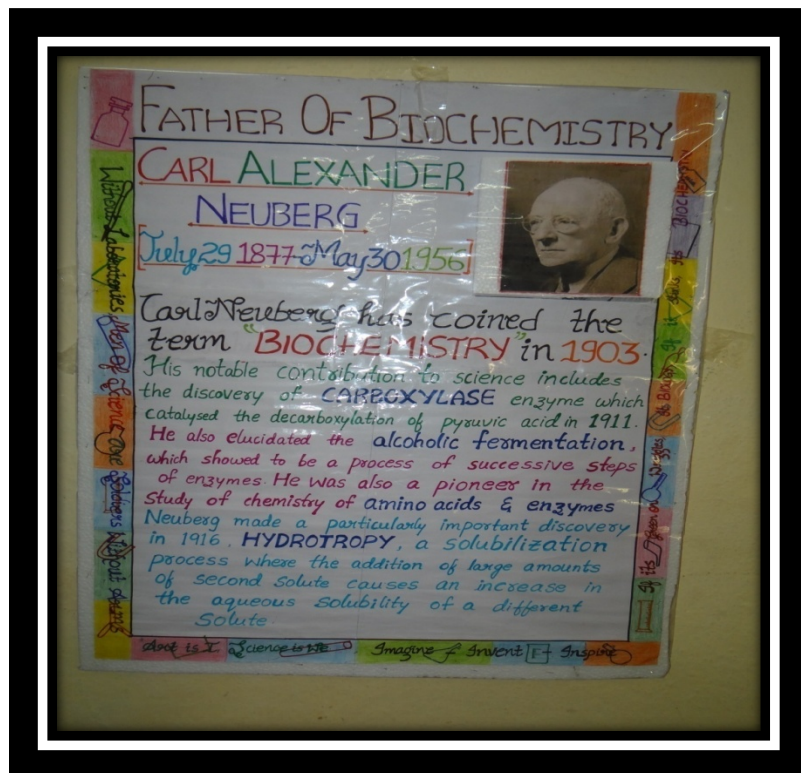
1. An annual event organized by the department commemorates the birthday of the father of Modern Biochemistry Dr. Carl Neuberg on July 27, 2018

This event began in 2015 and organized consistently every year with all the students in the undergraduate program.

BCAN-IIyr students participated in Poster presentation competition.

BCAN-IIIyr students participated in Powerpoint presentation competition.

BCAN-Iyr students presented Posters on biochemistry and discoveries in biochemistry.





Poster Presentation Competition





Inauguration of Poster presentation competition by Principal Dr.D.Shobhana.







Awareness Program for Hostel students on “ Hygiene and Health among girls ” conducted in collaboration with Dept of Nutrition.

2019

Department of Biochemistry organized a **Two day Biochemistry Symposium BCS – 2k19** on “**Emerging Trends & Future Prospects in Biochemistry** ”on **September 17th& 18th 2019.**

Inaugural session was presided over by Dr.D.Shobhana, Principal SNVMV

Chief guest Dr.KarunaRupula , Chairperson – BOS, Department of Biochemistry , O.U,

Dr.MirZahoorGul, Post-Doctoral fellow (CSIR), Dept of Biochemistry , O.U
&Mrs.B.PremaPushpanjali, Head ,Department of Biochemistry.

- The two day symposium comprised of two guest lectures and Intercollegiate Poster presentation competition on the first day (17 th Sept)and PowerPoint presentation competition and Quiz competition on the final day.(18 th Sept)

- The chief guest Dr.KarunaRupulamamgave an interesting lecture on **“Recent applications of TLC”** and told the students how to prepare themselves for a good career in biochemistry.
- Dr.MirZahoorGul , the second speaker for the day , spoke on **Future prospects in Biochemistry** and briefed the students about research avenues at graduation level and encouraged the students to develop practical skills.
- 219 students participated in the symposium.
- BCS-2k19 , the two day biochemistry symposium was a great platform to participate and learn more about biochemistry and inspired students to pursue higher studies .

2019-TWO DAY SYMPOSIUM BCS -2K19

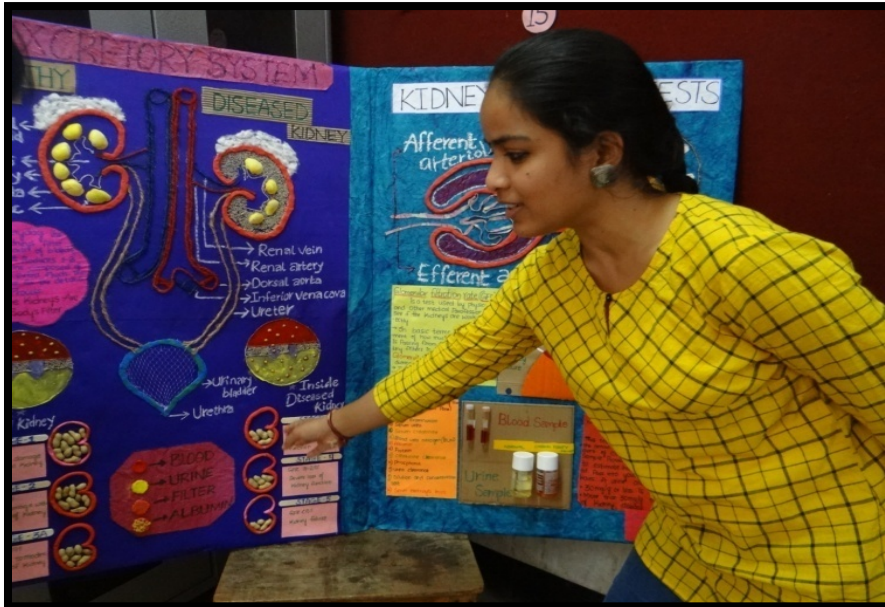
Intercollegiate Poster, PowerPoint and Quiz competitions and Guest lectures.



Guest lecture delivered by Dr.KarunaRupula , Chairperson BOS,

Dept of Biochemistry on 17 th Sept, 2019.





Poster Presentation competition in BCS 2K-19

- Mrs.D.Rajini ,lecturer in Biochemistry attended one day national level Workshop on “Virtual Learning in Innovative path towards ICT teaching” conducted in keshav Memorial College on March 30,2019.
- Department of Biochemistry &Zoology jointly organized an extension lecture on Immunology on April 3,2019 on 3 rd year B.Sc students delivered by Dr.B.MohanRaogaru an eminent lecturer.
- Mrs. B. PremaPushpanjali , Mrs.D.Rajini&Miss.M.HimaBindu lecturers in Biochemistry attended two day Outreach Program for Degree lecturers under DBT star college scheme titled “Hands on training on Bioanalytical Techniques & Bioinformatics “ conducted in Bhavan’sVivekanda college of Science & Humanities & Commerce , Sainikpuri held on Nov 22 & 23 rd ,2019

DEPARTMENT ACTIVITIES

ST.ANNS COLLEGE FDP



GUEST LECTURE



WORKSHOP- BHAVAN'S VIVEKANANDA COLLEGE, SAINIKPURI



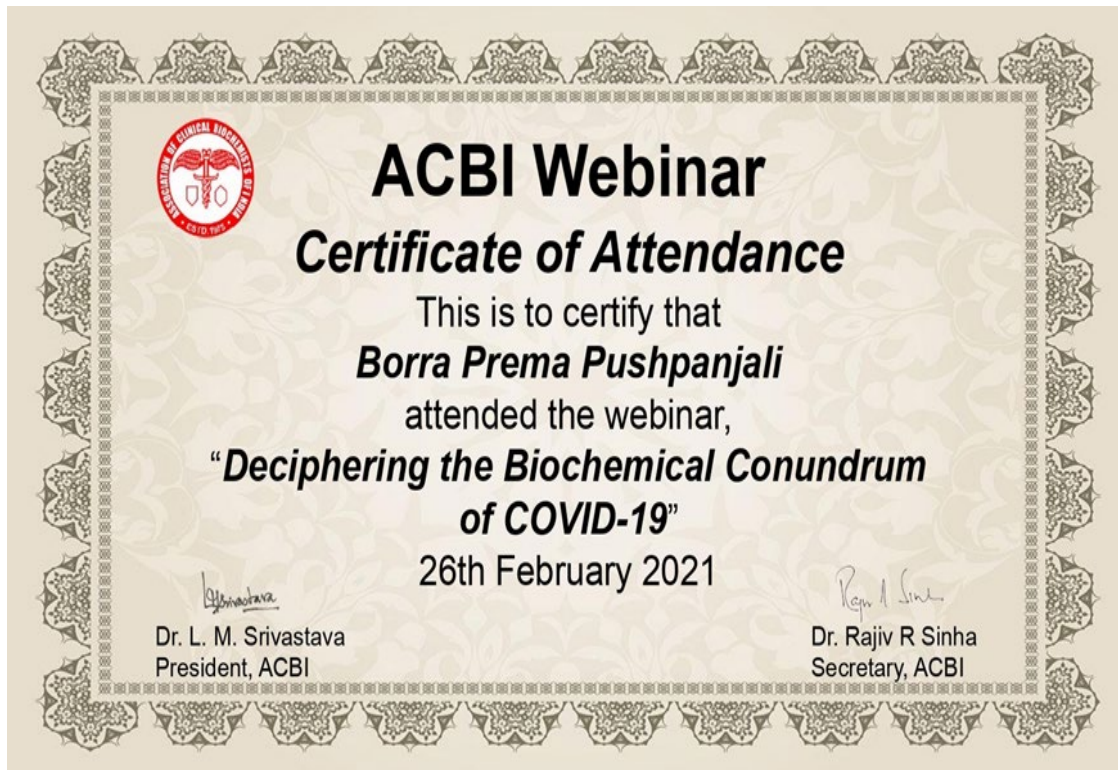
2020-21

2020-

- Mrs.B.PremaPushpanjali, faculty ,dept.of Biochemistry attended webinar “Teaching through the Pandemic” conducted by Sardar Patel College on 18 th May,2020.
- Department of Biochemistry Faculty attended Online guest lecture on “Immunodiagnosics – a Tool of Emerging Pandemic Covid 19, Dept of Biochemistry, Govt City college.
- Mrs.B.PremaPushpanjali and Miss. Himabindu ,faculty of Biochemistry attended the webinar on “Role of Chemistry in Mitigating COVID 19” conducted by Dept of Chemistry ,SNVMV , on June 13 th ,2020.
- Mrs.B.PremaPushpanjali and Miss.Himabindu attended International webinar on “ Covid -19 a pandemic of Corona virus: Underlying Chemistry from Cause to Cure “ on 15 th June 2020, organized by Dept of Chemistry , SNVMV.
- Mrs.B.PremaPushpanjali , attended seven day national webinar Faculty development programme in “Online Teaching ,learning & Assessment in Higher Education “ from 25 th June to 1st July ,2020, organized by examination branch , University College for Women , Koti.
- Mrs.B.PremaPushpanjali attended a webinar on “ National Educational policy 2020 : Issues & Challenges “ on 12 th August,2020 organised by Faculty of Arts , Bhavan’s Vivekananda College of Science and Humanities & Commerce.
- Miss. HimaBindu, faculty dept. of Biochemistry attended five day faculty development program on “Art of teaching “ conducted by IQAC cell, SNVMV from 19 th – 24 th November 2020.

2021

- Mrs.B.PremaPushpanjali, faculty , Dept.of Biochemistry attended Virtual Two day lecture Workshop on “Progress in Life Sciences with Emphasis on Role of Micronutrients “ conducted by Department of Botany , SNVMV on 9 th& 10 thFebruary , 2021.
- Mrs.B.PremaPushpanjali, faculty , Dept.of Biochemistry attended webinar on “ Deciphering the Biochemical Conundrum of Covid -19 conducted ACBI Webinar on 26 thFebruary , 2021.
- Mrs.B.PremaPushpanjali , faculty ,dept.of Biochemistry attended national webinar on “Material Science and its applications ” organized by Department of Chemistry , SNVMV on 29 th May, 2021.
- Mrs.B.PremaPushpanjali , attended International webinar on “**Expert Analysis on Covid-19: Corona Virus, Vaccines and waves** “ conducted by University college of sciences ,Satavahana University, Karimnagar on 18 th July , 2021.



University College of Science
Satavahana University
Karimnagar- 505002, T.S, India.



Certificate of Participation

This is to certify that **Mrs.B.Prema Pushpanjali, SarojiniNaidu Vanita Mahavidyalaya, Nampally**, has participated in International Webinar on **“An Expert Analysis on COVID – 19 : Corona Virus Variants,Vaccines and Waves”**, organized by University College of Science, Satavahana University, Karimnagar- 505002, Telangana, India, on **18th July, 2021**.

Certificate id:
K0WJ7C-CE000119

M Sarasija
Dr. M.Sarasija
Principal
University College of Science, SU

KESHAV MEMORIAL INSTITUTE OF COMMERCE AND SCIENCES
(Affiliated to Osmania University) Narayanaguda, Hyderabad, 500029.



CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Mrs./Ms./Dr. Borra Prema Pushpanjali

from Sarojini Naidu Vanita Mahavidyalaya

has attended the National Webinar on 29-05-2021 on
"MATERIAL SCIENCE AND IT'S APPLICATIONS"
organised by Department of Chemistry


G. Himabindu
Convener, Head, Dept of Chemistry


K. Someshwer Rao
Principal

2022

- Students of BSc first year participated in 'Corruption free India for a developed nation' in connection with Vigilance Awareness week on 29th October, 2022 biochemistry student Afrah Fatima was awarded with 2nd prize.
- Students of Biochemistry participated in Pet show organized by Animal welfare club conducted by Department of Zoology on 12th November 2022 and were awarded 2nd prize.
- Mrs B PremaPushpanjali- HOD, participated in photography contest organized by Animal welfare club on 12th November, 2022.
- S LaxmiTejaswiwas awarded 3rd prize in Essay writing competition as a part of National library week celebration s(14/11/22 to 20/11/22) .
- Students of Biochemistry participated in Alumnae Connect on 3rd December 2022

Biochemistry Day

 **Sarojini Naidu Vanita Maha Vidyalaya**
(Sponsored & Managed jointly by Chennai Graduates' Association and Exhibition Society)
Exhibition Choultry, Nungambur, Hyderabad, Ph-04029555674
KAAC Accredited (5th Cycle)
Diamond Jubilee Year (1962-2022) 

**Department of Biochemistry
is organising a Guest Lecture
on
Scope of Scientific Research &
Career Opportunities in
Life sciences**

 **By
Dr. Mir Zahoor Gul**
Research Associate,
Dept. of Biochemistry,
University college of Science,
Osmania University

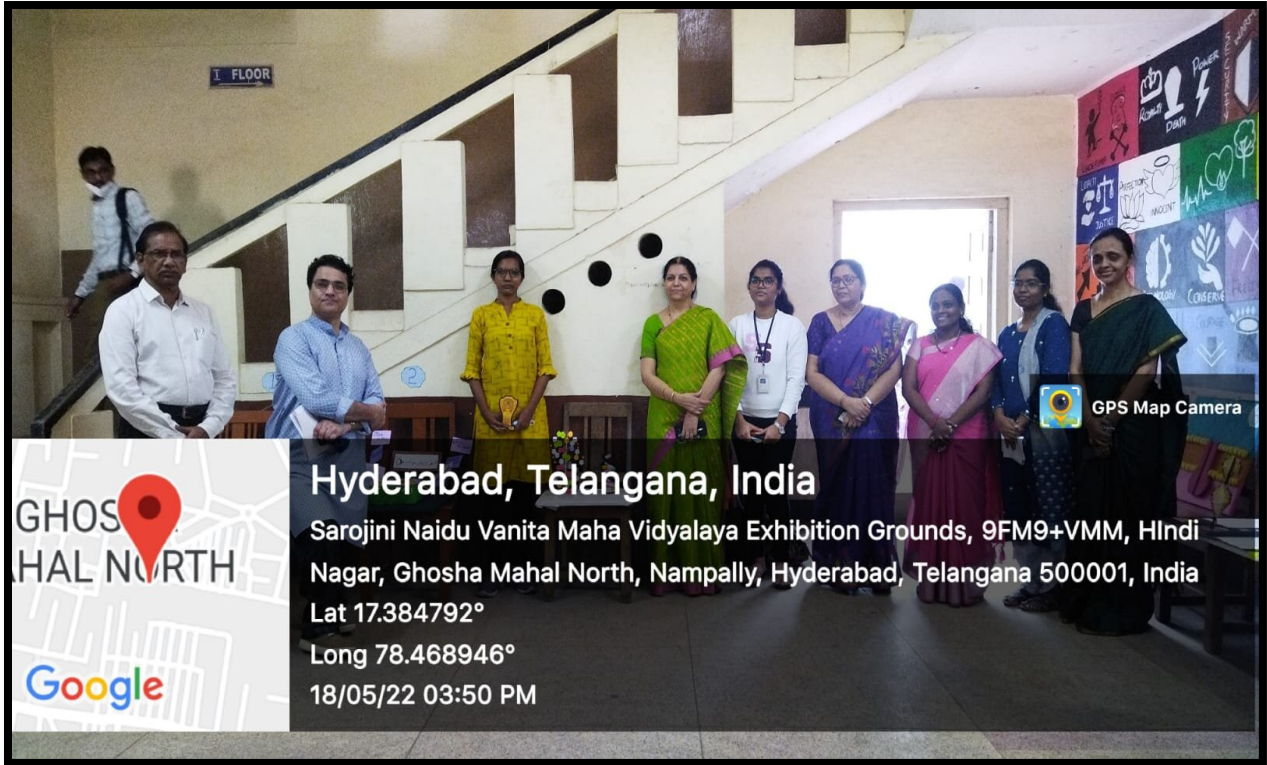
Interclass Competitions
PowerPoint presentation Competitions
Poster presentation Competitions
Model making competition

On 18th May, 2022 || 11:40 AM
Shankarji Auditorium

Convenor
Mrs. B. Prema Pushpanjali
Head, Dept. of Biochemistry

Dr. D. Shobhana
PRINCIPAL





Poster Presentation Competition and Model making Competition -2022.

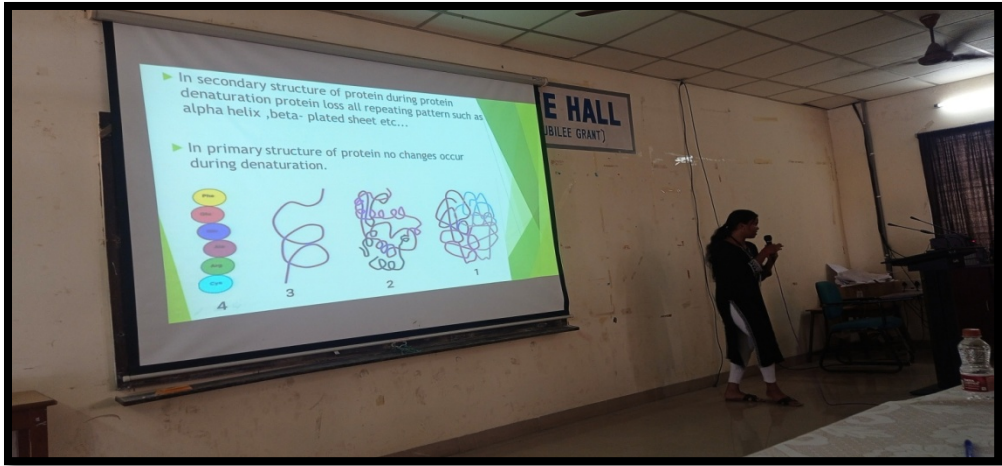


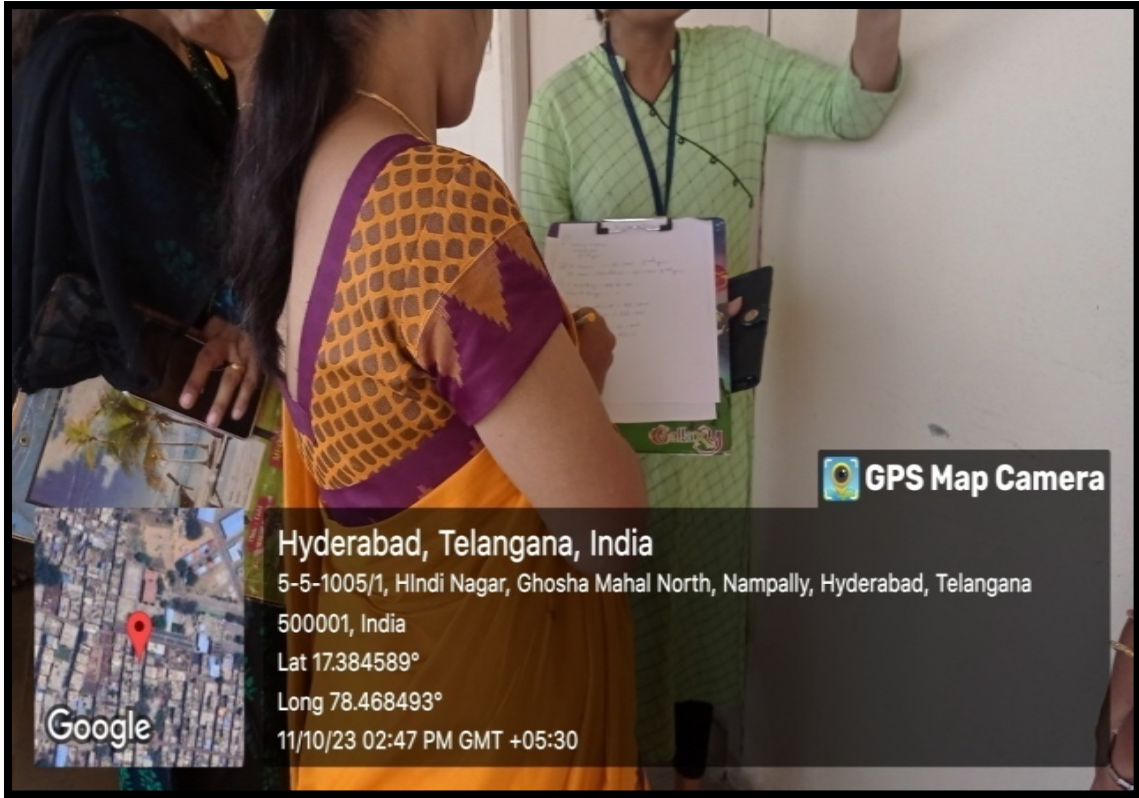
2023


- Mrs B PremaPushpanjali, Head Department of Biochemistry participated in Essay writing competition 'Memoirs of Hyderabad' organized by Dept. of English on 13th February 2023.
- Department of Biochemistry organized Biochemistry Day -2-23 on 11 th October 2023, Interclass Powerpoint and Poster Presentation competitions were conducted for BSc students.
- B.PremaPushpanjali&M.Himabindu attended 1 week Online NEP Orientation and Sensitization programme by UGC Malaviya Mission Teacher Training Program from Oct 12 th ,2023 to 21 stoct , 2023.



Powerpoint presentation Competition





 **GPS Map Camera**

Hyderabad, Telangana, India

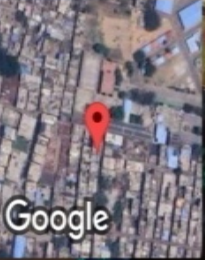
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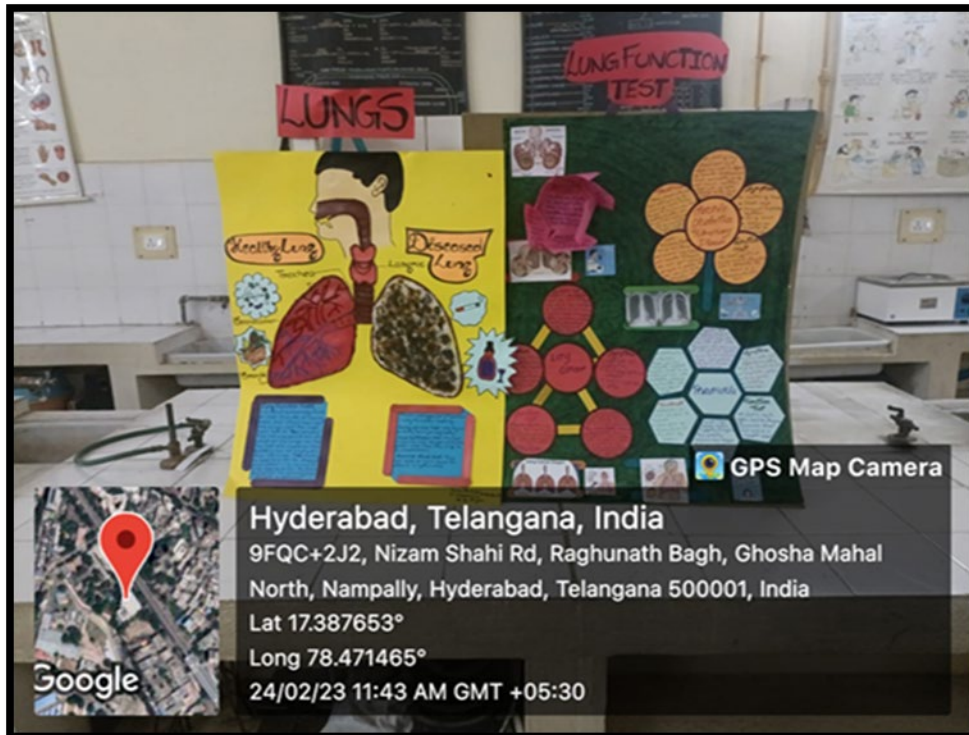


Google



2023-National Science day

Department of Biochemistry conducted intercollegiate competitions Just a minute (JAM), Poster presentation competitions on 24th february ,2023 as part of National Science Day celebrations



LUNGS

LUNG FUNCTION TEST



GPS Map Camera



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North, Nampally, Hyderabad, Telangana 500001, India
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NSD- 2023 Poster presentation competition being judged by Mrs. Sumana, Associate Professor ,Dept of Biochemistry , Govt. City College .



Just a Minute (JAM) competition in Biochemistry NSD-2023.

2023

Department of Biochemistry and Applied Nutrition in collaboration with IAPEN organized Two day workshop “Fitness and Vitamin D “ on May 2nd & 3 rd, 2023.

- Bone Mineral Density ,MuscleAssesment , Handgrip , Sit and Stand tests for all the teaching and non teaching staff on both days.
- Guest lectures were organized
- 1.Dr.Subba Reddy, HoD critical care, Apollo Hosp. President ,IAPEN.
- 2.”**Chronic Fatigue**”-Dr.Haritha Shyam, Chief Dietician , Apollo Hosp, Jubilee Hills.
- 3. “**Ergonomics in Daily Life Preventing Pain & Injury**”- Dr.Nadeemuddin, CEO, Active Life.
- 4. “**Understanding Vitamin D better** “– Dr.Harsh Chaturvedi, Vicepresident,PulsePharma.

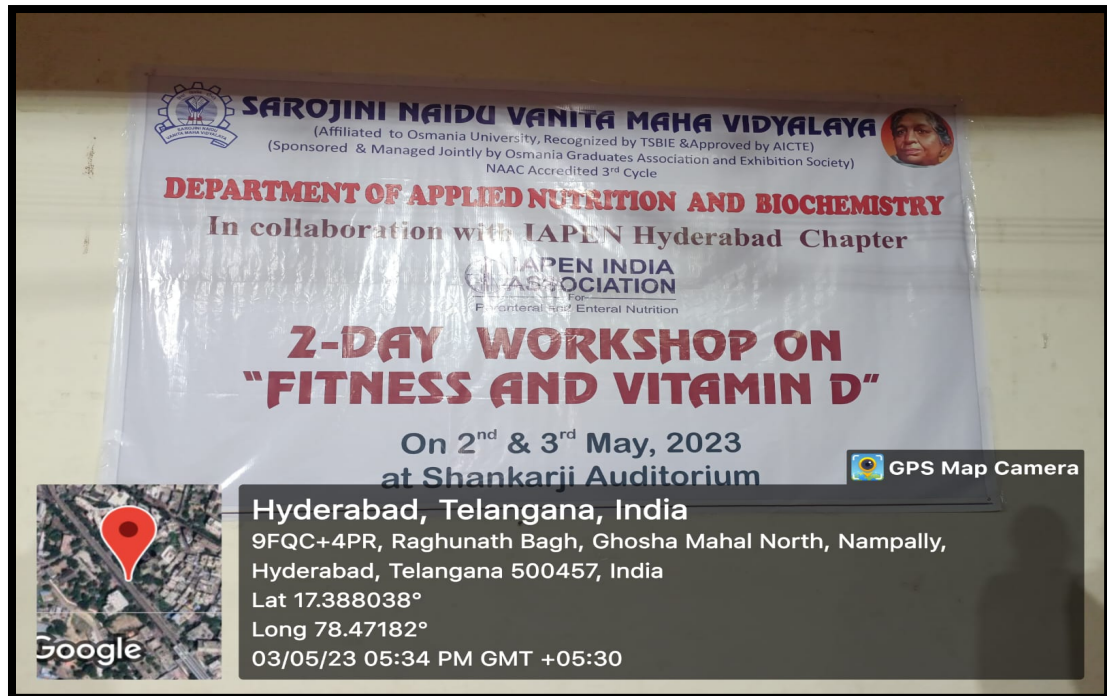


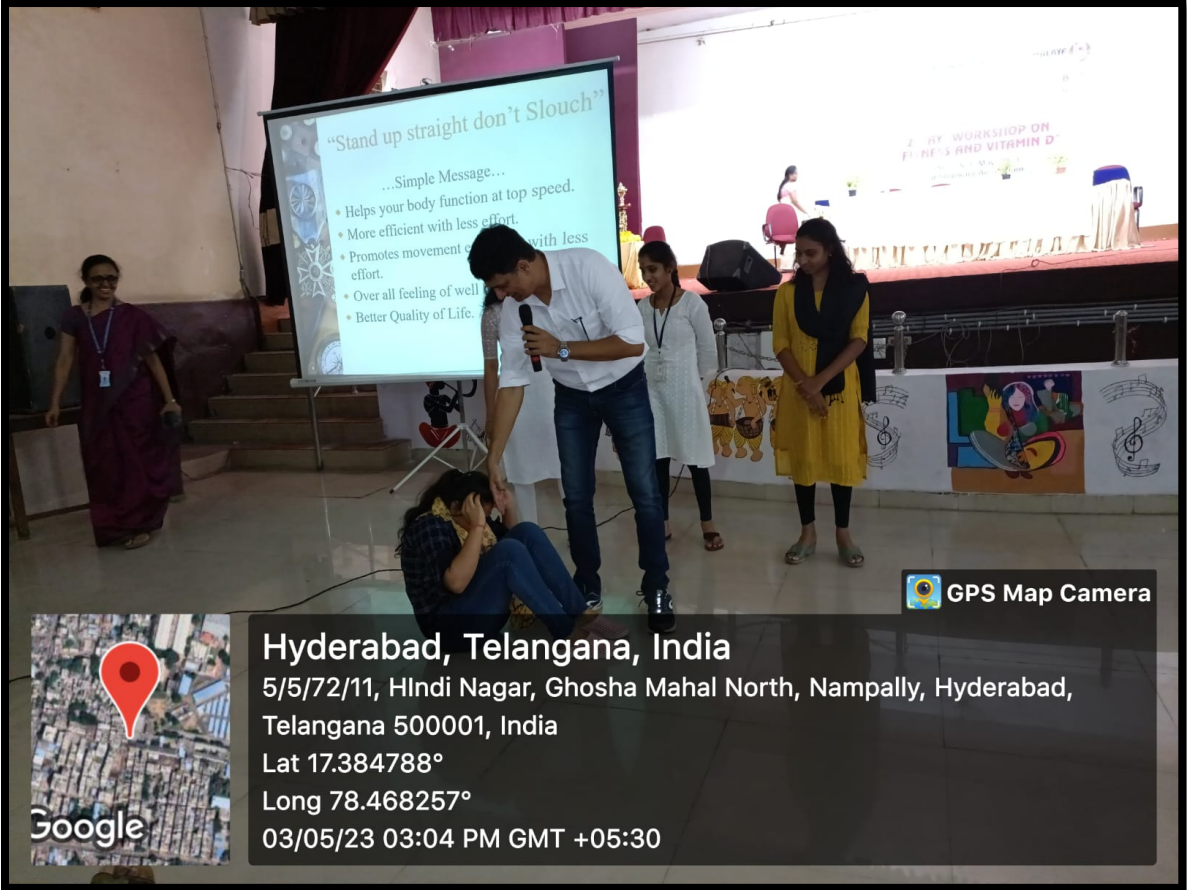
GPS Map Camera



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Hyderabad, Telangana 500001, India
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Telangana 500001, India

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Long 78.468257°

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2024

- Miss.M.Himabindu attended one week Orientation for Teachers program conducted by Sarojini Naidu VanitaMahavidyalaya from 3 rd Jan to 9 th Jan 2024.
- Students attended Online One day workshop on “ Resume building and Professional networking for Successful career in Life sciences “on Feb 3 rd , 2024 conducted by Department of Biochemistry in collaboration with Metis Hive organized by St.Ann’s college for Women.
- Department of Biochemistry celebrated **National Science Day 2024** conducted on Feb 29 th 2024 NSD-2024on the theme –“**Science for sustainable future** “
- Students displayed their Project work done in lab on titles
- Isolation of Casein from different brands of milk packets
- Isolation of Starch from different sources.
- Isolation of fatty acids from different brands of potato chips
- Determination of calcium content from different brands of milk.
- Models on Bioremediation and Renewable energy, AI farming.



NATIONAL SCIENCE DAY - 2024

Department of Applied Nutrition

Fresh


Eat me I'm healthy

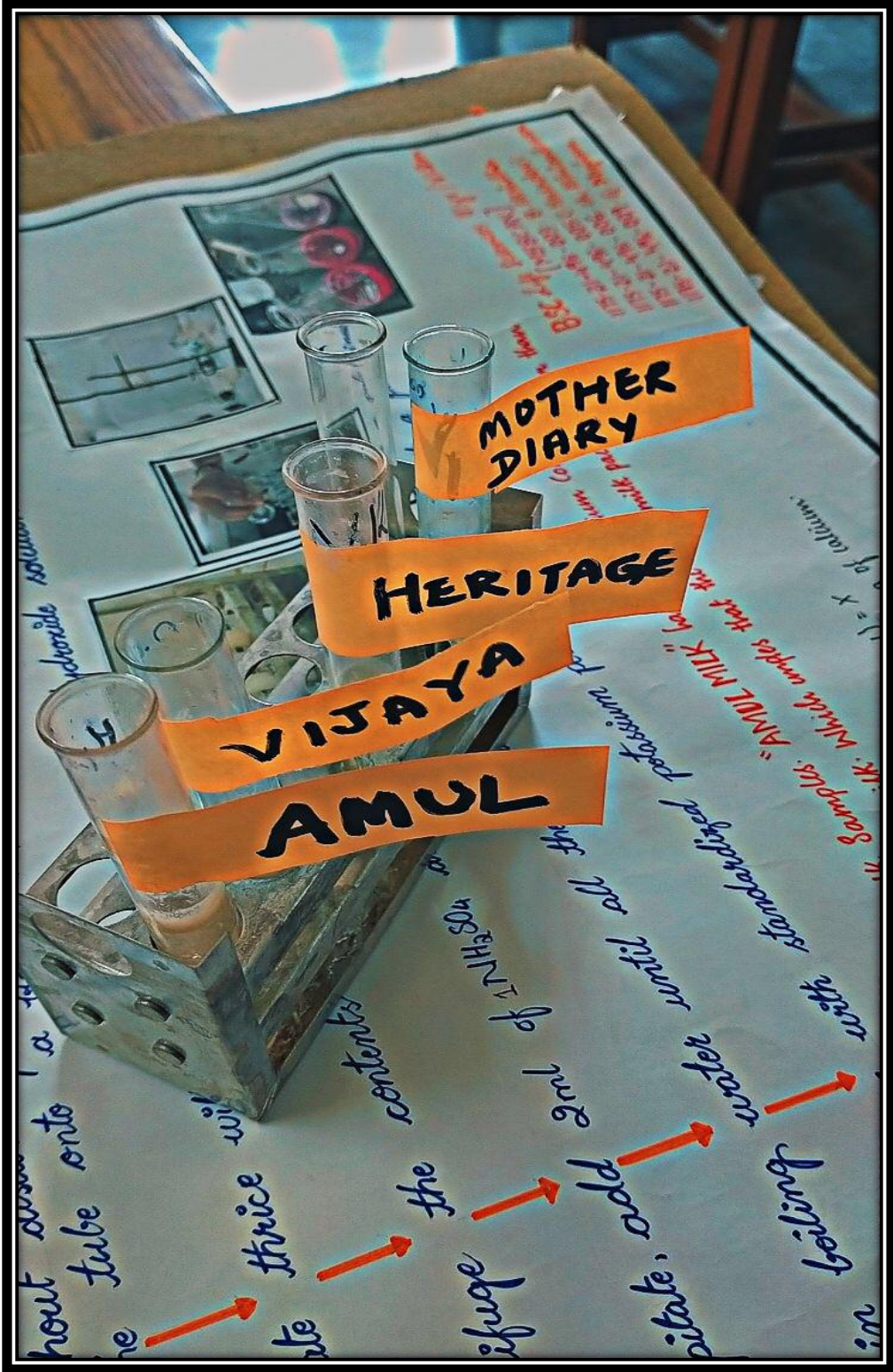
ISOLATION OF CASEIN

PROCEDURE

1. Take 100ml of milk and centrifuge it for 20min
2. Take milk into 500ml beaker and Equal amount of water
3. Add 0.5N HCl drop by drop PH casein starts Precipitating
4. Filter the suspension carefully using whatman no. 2 Filter Paper
5. Wash precipitate with distilled water 2 to 3 times
6. Weigh until casein is separated from water
7. Transfer and Spread it uniformly on dry watch glass
8. Allow it to dry at room temperature for over night
9. Weigh the amount of casein Obtained.

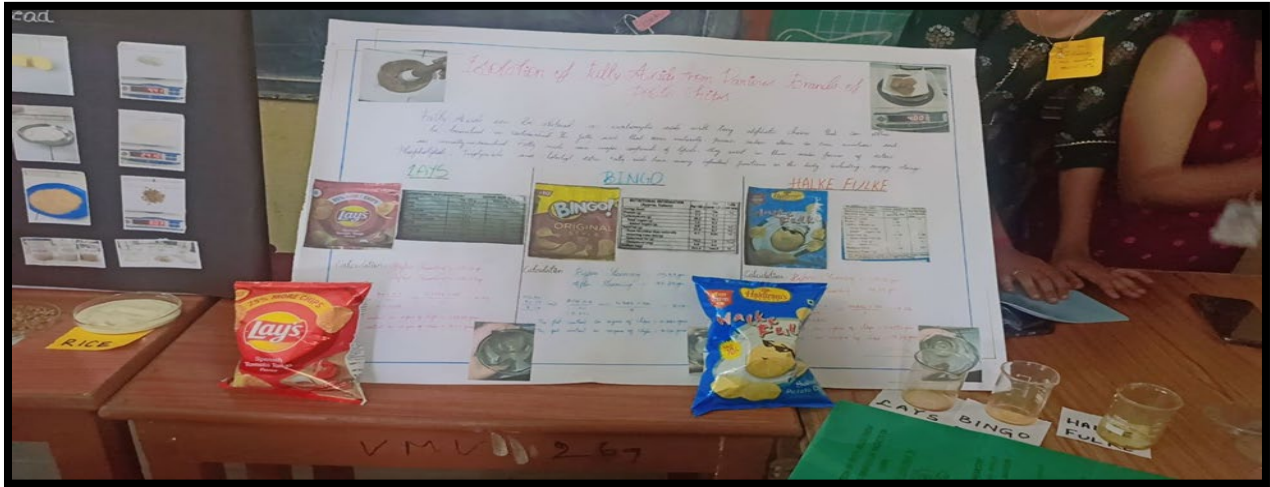
Isolation of Casein from Various Brands of Milk

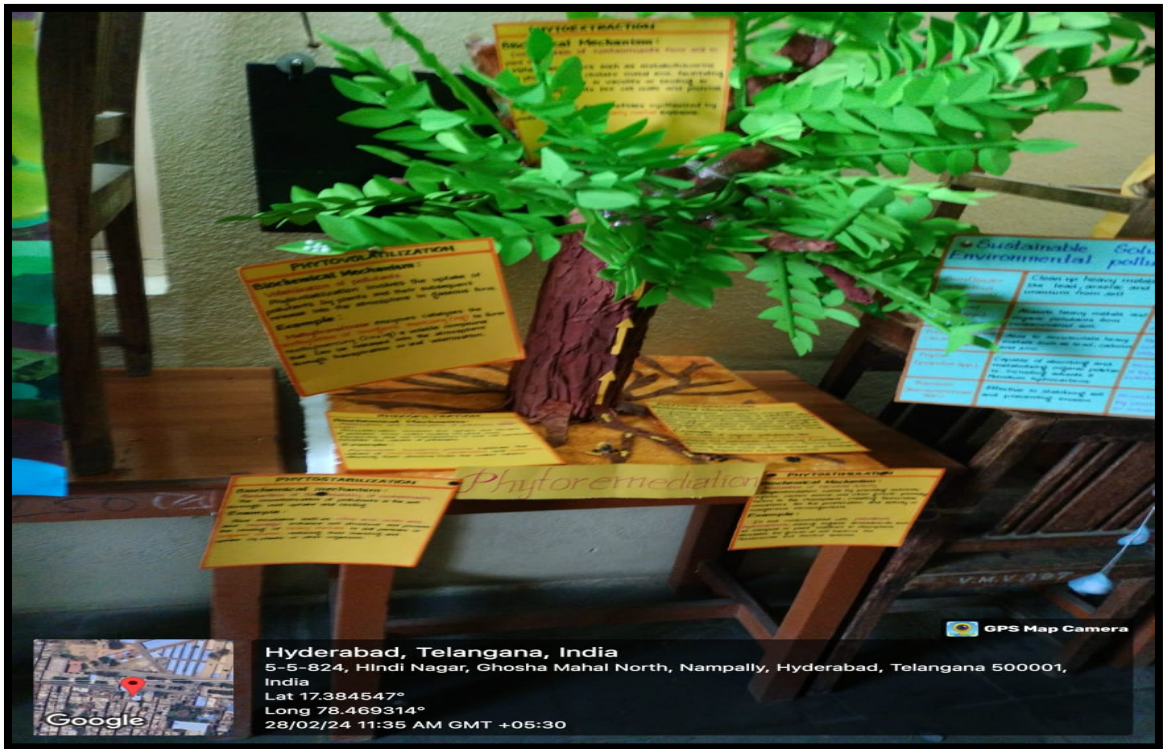
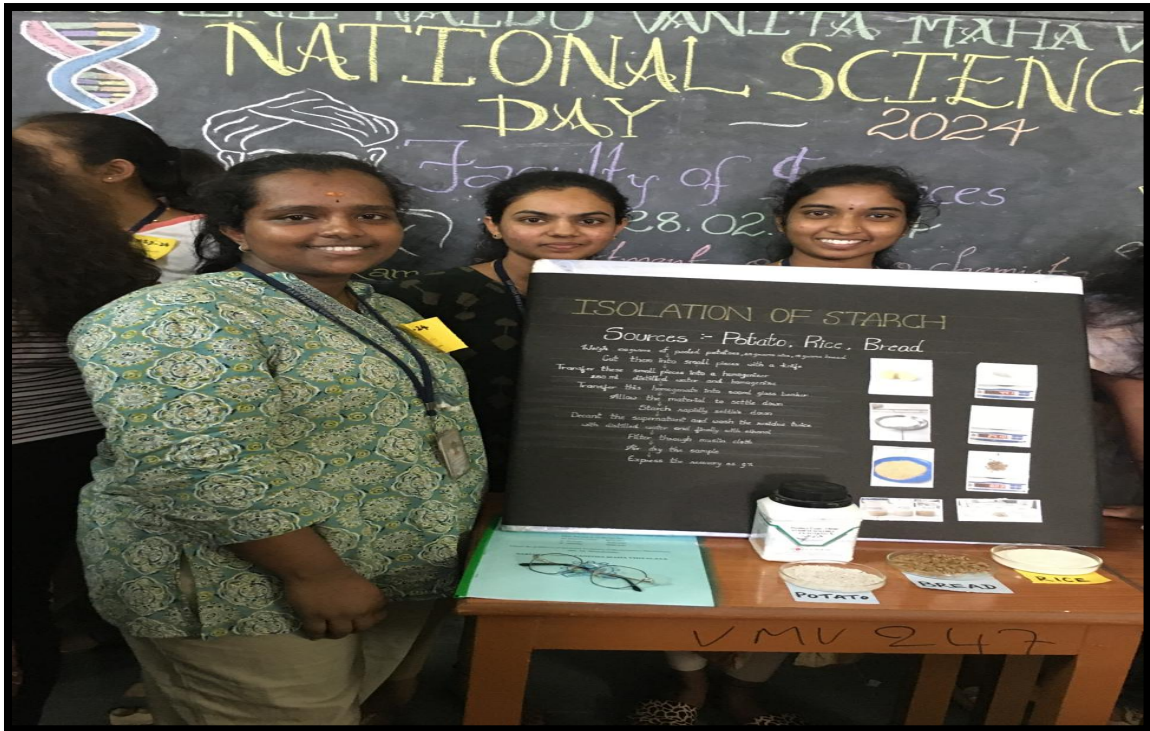






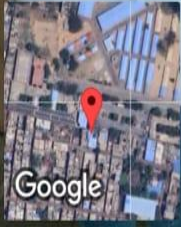
Project on "Isolation of fatty acids from various brands of Potato chips" done by BSC sem 2 students







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