



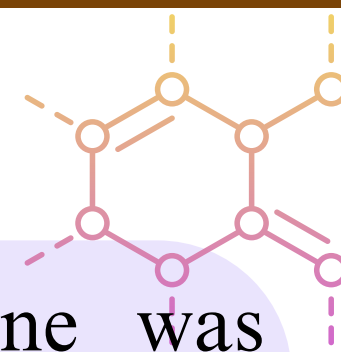
DWARAKA DOSS GOVERDHAN DOSS VAISHNAV COLLEGE (Autonomous)

Re-accredited with 'A++' Grade by NAAC Affiliated to University of Madras College With Potential For Excellence (Linguistic Minority Institution)

NEWCETIDE

DEPARTMENT OF BIOCHEMISTRY

Volume : 05 Issue : 01 (Jul - Dec 2024)



Chief Patron:

Shri. ASHOK KUMAR MUNDHRA
Secretary

Patron:

Capt. Dr. S. SANTHOSH BABOO
M.Sc., Ph.D.,
Principal

Editor-in-chief:

Dr.D. SARAVANAN
M.Sc., Ph.D., B. Ed., MPhil.,
Associate Professor and Head(i/c),
Department of Biochemistry.

Sub Editor:

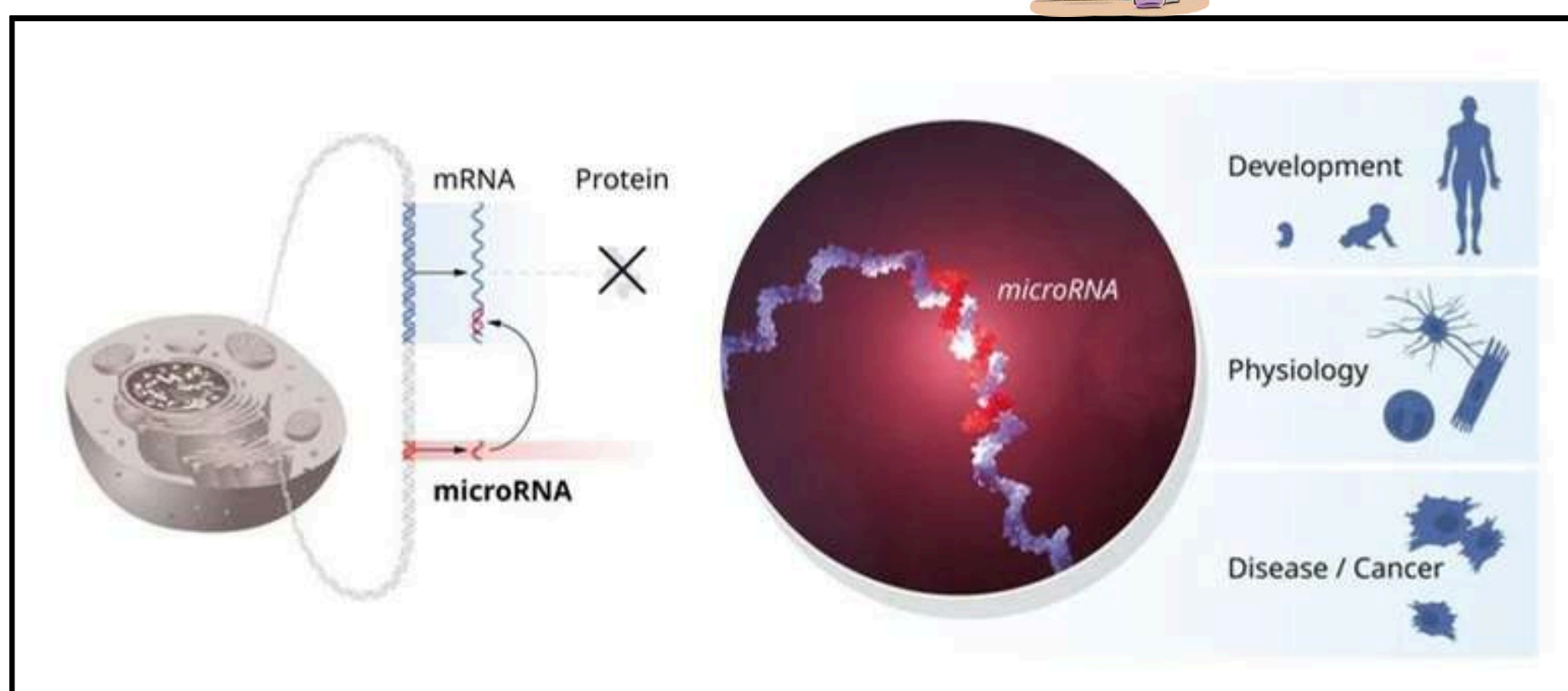
Mrs.M. MARIA CAROLINE REBELLOW
M.Sc., M.Phil., NET,
Assistant Professor,
Department of Biochemistry

The 2024 Nobel Prize in Physiology or Medicine was awarded to Victor Ambros and Gary Ruvkun for discovering microRNA and its role in post-transcriptional gene regulation. Their groundbreaking work revealed how microRNAs, tiny RNA molecules, regulate gene expression by inhibiting protein production. Initially observed in *C.elegans*, this discovery unveiled a universal mechanism vital to multicellular organisms. MicroRNAs fine-tune genetic networks, enabling cell specialization and adaptation. Their absence or dysfunction is linked to diseases like cancer and congenital disorders. Ambros and Ruvkun's findings transformed our understanding of gene regulation, highlighting its critical role in development, evolution, and health.



INSIDE THE ISSUE

Editorial	02
Dept. Activities	05
Achievements	15
Alumni Reminiscence	20



Dear Colleagues and Students,

"Embracing Excellence: Celebrating Biochemistry's Achievements"

As we begin the new year, I am delighted in presenting the second issue of our department's newsletter for this academic year. This publication showcases the research, teaching, and community engagement that define our department's commitment to excellence.

In this issue, we highlight the impressive achievements of our faculty and students. From research projects to innovative teaching methods, our department continues to push the boundaries of knowledge and inspire the next generation of leaders. We have also highlighted the achievements of our alumni, who are making a significant impact in academia, industry, and beyond.

We are proud of our department's vibrant community, which is built on a foundation of collaboration, mutual respect, and a shared passion for learning. As we celebrate our department's achievements, we also look to the future with excitement and anticipation. We are committed to continuing our tradition of excellence, fostering a culture of innovation and inclusivity, and providing our students with the knowledge, skills, and values necessary to succeed in an ever-changing world.

I invite you to explore this issue of our newsletter, learn about the amazing work being done in our department, and join us in celebrating our achievements.

Thank you for your contributions to our department's success.

Best regards,

M. Maria Caroline Rebellow

Sub Editor

Editorial Team



Dharshana K U - I MSc
Charan Kumar S - III BSc.
Mohammed Shahid H - II BSc.
Rajesh B - II BSc.
Harini A G - II BSc.
Priyadarshini P - II BSc.

NEUBERG CREW

OFFICE BEARERS OF THE YEAR 2024-2025



Ms. Monisha S
President



Ms. Dharshana K U
Vice President



Ms. Cathrin M
General Secretary



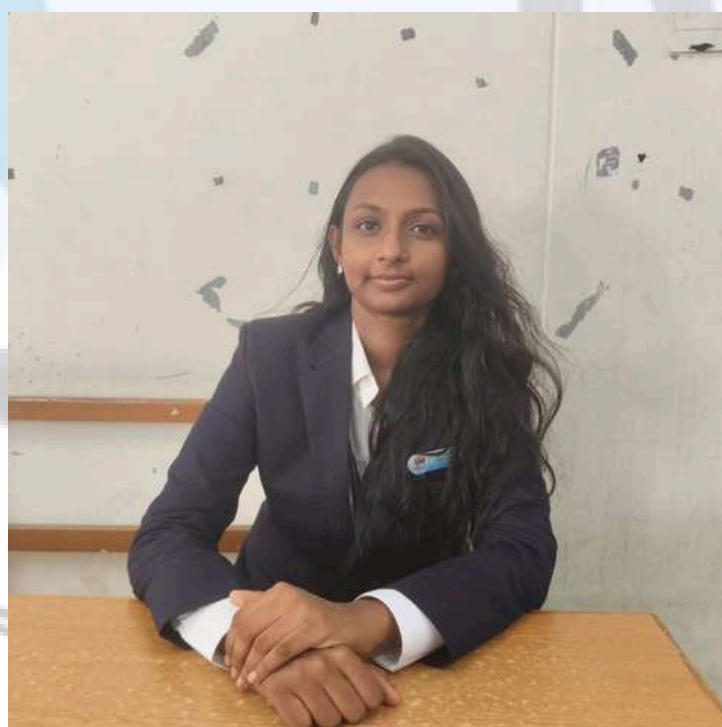
Mr. Charan Kumar S
Joint Secretary



Ms. Gayathri D
Joint Secretary



Ms. Shandini N
Cultural Secretary



Ms. Priyadarshini P
Treasurer



Mr. Ganesha A S
Joint Treasurer

NEUBERG CREW

EXECUTIVE MEMBERS OF THE YEAR 2024-2025



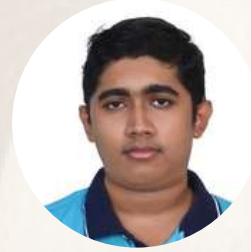
Ms. Dhivya Dharshana M
II M.Sc Biochemistry



Ms. Nandhini B M
I M.Sc Biochemistry



Mr. Yoganandhan M
I M.Sc Biochemistry



Mr. Abhinav Praveen
I M.Sc Biochemistry



Ms. Anjali Krishna
III B.Sc Biochemistry



Ms. Diksha V G
III B.Sc Biochemistry



Ms. Hemamalini R
III B.Sc Biochemistry



Ms. Meeja V P
III B.Sc Biochemistry



Mr. Kamesh P
III B.Sc Biochemistry



Mr. Mohammad Arshath
III B.Sc Biochemistry



Mr. Mithran R
III B.Sc Biochemistry



Mr. Yuvan Kumar S
III B.Sc Biochemistry



Ms. Harini A G
II B.Sc Biochemistry



Mr. Mohammad Shahid H
II B.Sc Biochemistry



Mr. Rajesh B
II B.Sc Biochemistry

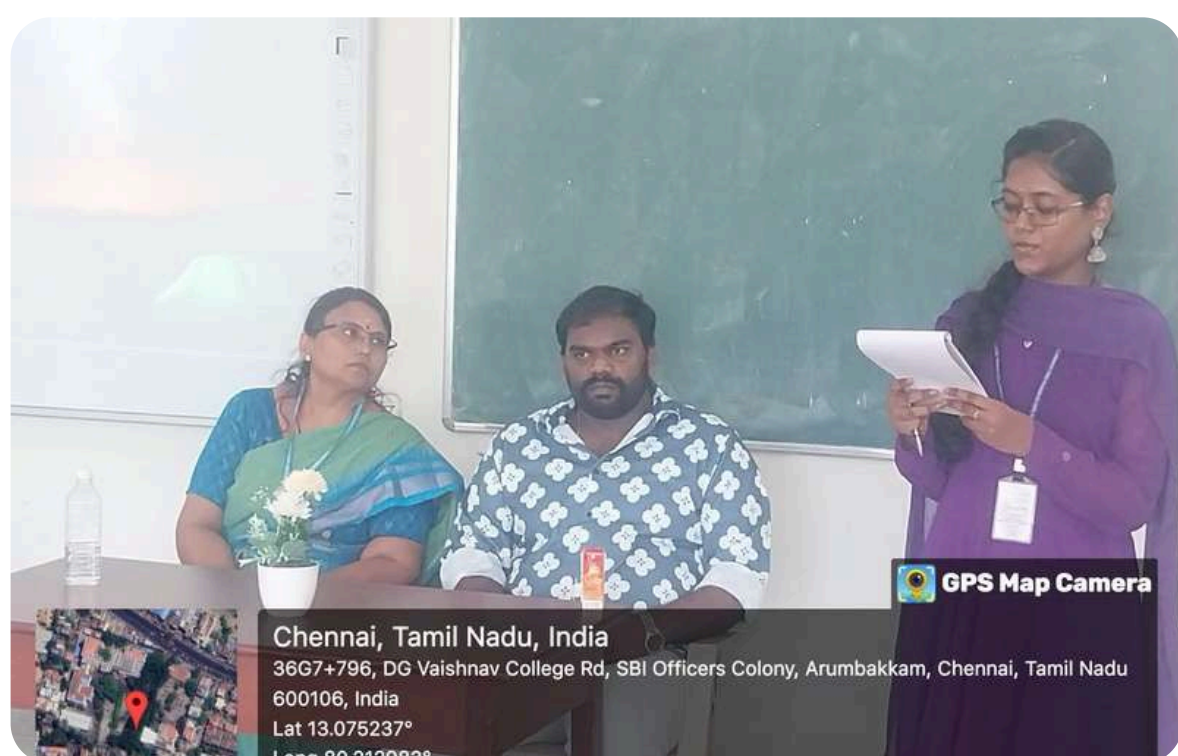
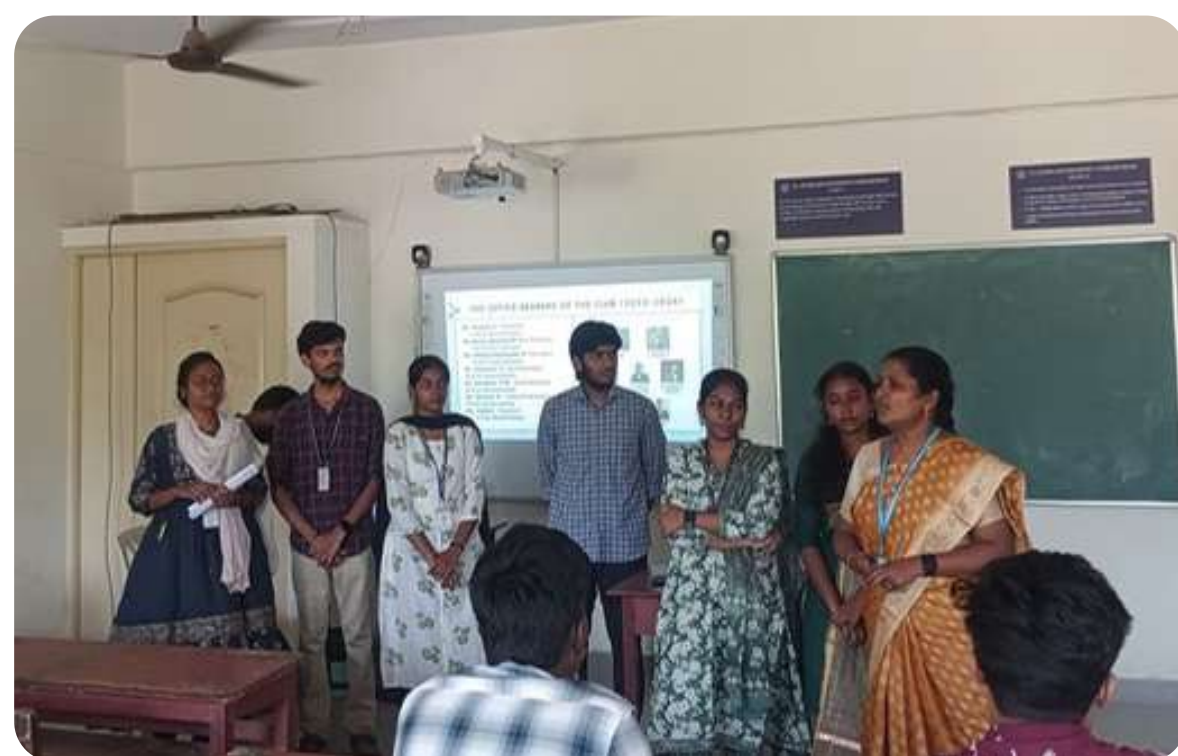
STUDENT INDUCTION PROGRAMME - UG 2024

Deeksharambh 2024, organized by the Neuberg Crew of the PG and Research Department of Biochemistry, which unfolded for over six days from July 3rd to 10th, aimed at ensuring a smooth transition for freshers into their new academic environment. The first day commenced with a warm welcome to all the freshers by Dr. S. Gopika, the faculty in-charge (I BSc). Dr. D. Saravanan, Head of the Department shared his rich experiences and motivated the students by emphasizing the importance of hard work and continuous learning. Dr.G.Sriram Prasath elaborated on the biochemistry stream, its significance, job opportunities, and the code of conduct. Dr. Sangeetha Sathyanarayan discussed the difference between goals and aspirations and shared her life experiences, encouraging students to think about their future in biochemistry. Prof. M. Maria Caroline Rebellow, Faculty co-ordinator of Neuberg crew introduced the committee members and briefed the freshers about the vision of the department club. The second day began with a video presentation showcasing the history of DDGDVC. The Principal welcomed the students, followed by an interactive session with Dr. R. Deepak, an oncologist emphasizing the respect to be shown for parents and elders, the importance of friendships, health, and good habits. Dr. M. Kavitha, Assistant Professor and DEC convenor of the department explained the significance of Deeksharambh, the college prayer, and the department's vision and mission. She also outlined the CBCS, outcome-based learning systems, course of study, assessment, and evaluation procedures. The Neuberg Crew coordinators conducted games to promote team building among freshers. Students participated actively and enjoyed the events. Day three commenced with the talk of Dr. M. Sujatha, Head of the Department, Ethiraj College for Women, on biochemistry's role in various fields. Dr. S. Gopika, class-incharge and Mrs. S. Ishwarya, Lab Demonstrator, explained biochemistry's role in daily life. and guided the students on a campus tour. The Neuberg Crew organized a Talents Expo for the students showcasing their talents in singing, dancing, and drawing. Fourth day commenced with Dr. Kavitha 's discussion on self-confidence, overcoming self-doubt, and engaging in confidence-building activities. Dr.K.Nagalakshmi, the value added courses in-charge, briefed the importance of value-added courses provided by the college. Dr.A.Subramani, placement coordinator briefed on the mission of placement cell, and gave a small gist of the procedures and protocols to be taken up in the final year for getting placed in top companies. Alumni Dr. Rahul, Consultant Biochemist, Dr. Mehta's Hospital Chennai, and Mr. S. Sreevatsan, Research Scholar at the University of Madras, shared their experiences and achievements. The fifth day commenced with a session on moral values by Mr. Saravanamuthu and Mr.Dilip from Breakthrough Training Solutions. The sixth day at Dwaraka Auditorium witnessed the various clubs and committees of DDGDVC. Dr.R.Uma, Assistant Professor, addressed the students on basic human and society values. SIP 2024 was a comprehensive orientation programme designed to welcome and integrate new students into the Department of Biochemistry, fostering a sense of community and academic preparedness.



STUDENT INDUCTION PROGRAMME PG 2024

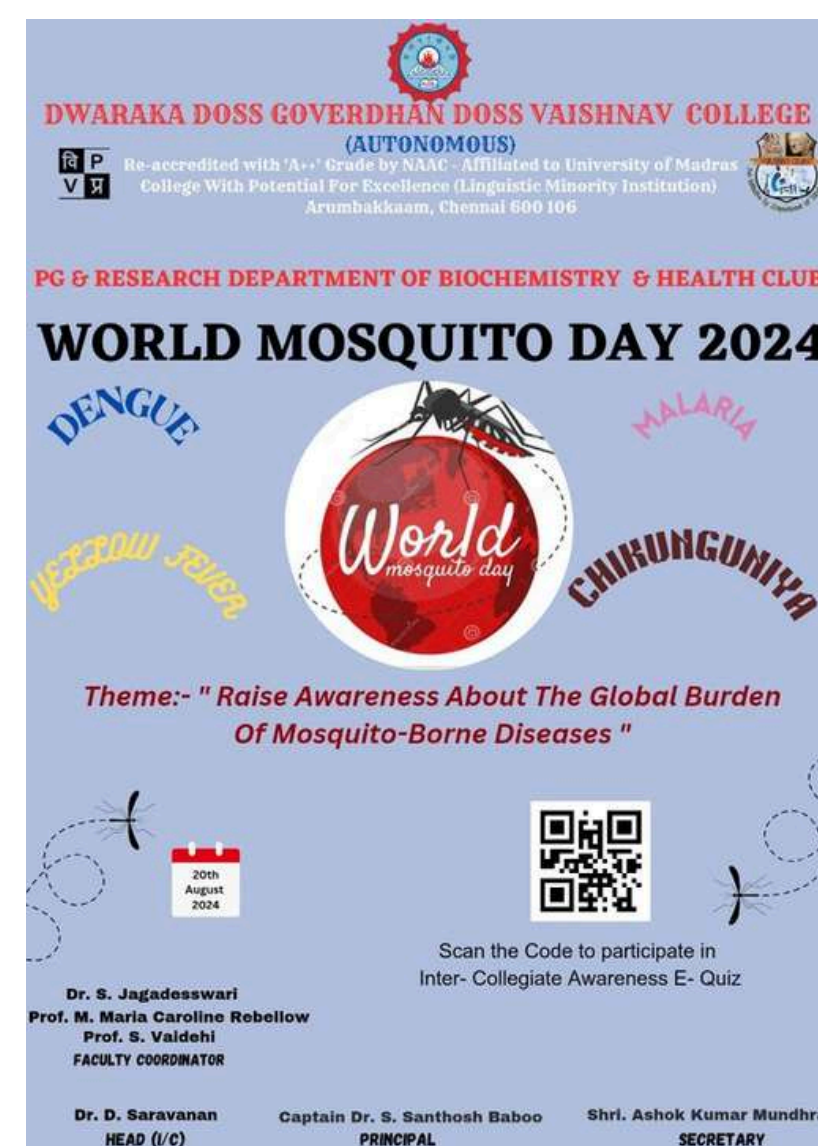
SIP 2024, organized by the Neuberg crew of the PG and Research Department of Biochemistry, unfolded for two days 25th and 26th of July. Our HOD Dr. D. Saravanan welcomed the students and wished them all success. Dr. Sangeetha Sathyanarayan, the class in charge gave a brief introduction about the faculty members of our department. Prof. M. Maria Caroline Rebellow, the Coordinator of the Neuberg Crew threw light on the journey of Neuberg crew and introduced the core members of the crew to the new students. Dr.K.Nagalakshmi and Dr. A. Subramani explained about the value added courses provided by our department and their scope elucidating the placement prospects to the students. Dr. T. Augustine Arul Prasad, a renowned Associate Professor of Chemistry department at DDGDVC, educated the students about the importance of learning and research during post graduation and highlighted the new areas for research. Day two commenced with the session by Dr. S. Jamuna, Founder and Director of Affyclone Laboratories Pvt Ltd and CEO of Epystem Academy, who engaged students with insights on significance of practical hands on exposure in biochemical techniques, career opportunities, and essential skills in the field. Alumni Mr. F. Mahesh (BSc 2016 batch) discussed about the job opportunities in the Government sector and post-M.Sc. exams for a bright future and Mr. Duke Sholto Jeba Thomas (BSc & MSc 2018-2023) shared his inspiring life story, lessons from college and also quoted notable alumni of the department. The session left students motivated and proud of their department's legacy. Dr. M.Kavitha(DEC Coordinator), explained about our college mission and it's exam pattern and concluded by wishing the students well for a remarkable learning experience at DDGDVC



DEPARTMENTAL ACTIVITY

WORLD MOSQUITO DAY

The PG Department of Biochemistry and Health club hosted an Inter-Collegiate E-quiz in commemoration of World Mosquito Day observed on 20th August (Tuesday), 2024. The primary objective of the quiz is to raise awareness and promote global action on diseases caused by mosquitoes. The theme for 2024 was "Raise Awareness About The Global Burden Of Mosquito-Borne Diseases". The quiz was conducted online and consisted of 30 multiple choice questions. A total of 113 faculty and students from various colleges and institutions participated and 63 students scored above 75%. The event was a valuable tool in promoting awareness among college students.

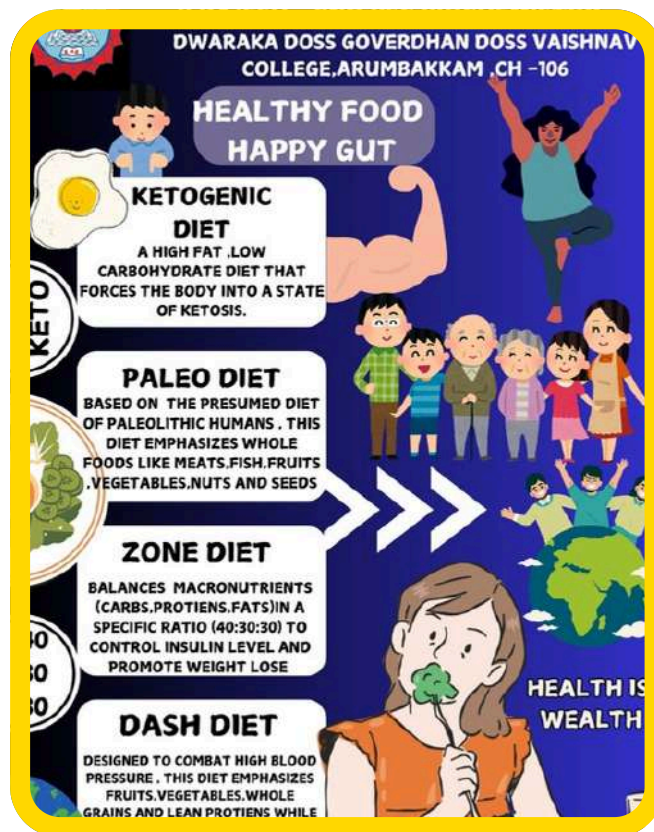


NATIONAL NUTRITION WEEK

National Nutritional week was celebrated by PG and Research Department of Biochemistry on 4th September 2024. The event was graced by the Head of the Department Dr D Saravanan, and our esteemed resource persons Ms. Sabeetha Lakshmi, Dietician and Ms Rupini Devi Consultant Dietician. Ms. Sabeetha Lakshmi emphasized the importance of maintaining physical activity, ensuring adequate sleep, and adopting healthy eating habits. Additionally, she elaborated on various types of diets and highlighted the potential negative impacts of not adhering to a balanced diet. Ms Rupini Devi Consultant Dietician, emphasized on the strong connection between mental health and food habits and stressed upon the importance of incorporating healthy snacking habits into daily routines and provided guidance on setting up balanced meals, offered tips on reducing sugar intake and encouraged healthy snacking over junk food. To commemorate the "National Nutrition week", Intra-departmental events like E-Poster presentation and flameless cooking was organised in the theme "Nutritious diet for everyone". Students actively participated in the events and the best entries were awarded with trophies and certificates.



NATIONAL NUTRITION WEEK Poster Competition



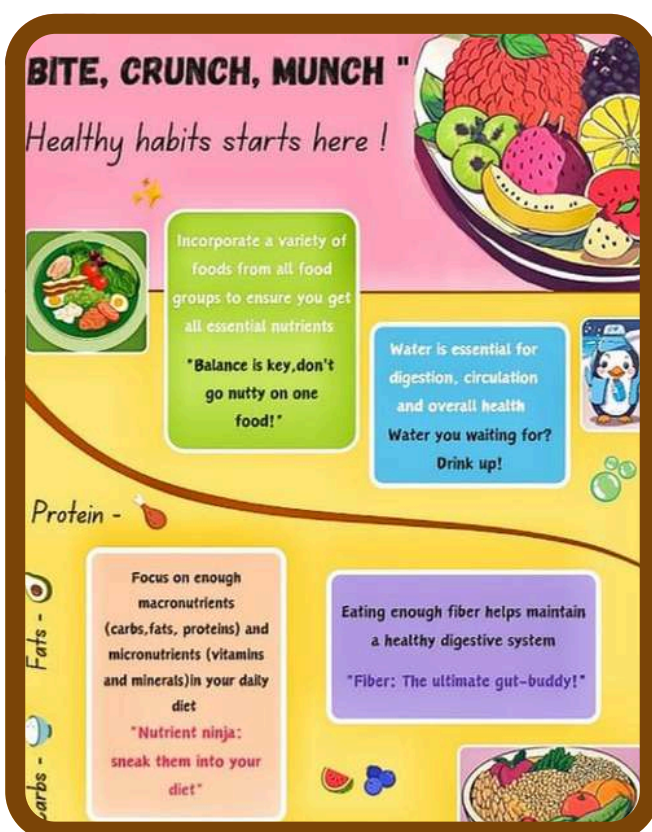
1st Prize
B Rajesh (23E2737)
II BSc Biochemistry



2nd Prize
V P Meeja (22E2739)
III BSc Biochemistry



2nd Prize
G Archana (22E2740)
III BSc Biochemistry



3rd Prize
Varsha (23E2701)
II BSc Biochemistry



3rd prize
Nithyasri M(22E2736)
III Bsc Biochemistry

NATIONAL NUTRITION WEEK

Flameless Cooking



1st prize

Reetu Kumari B, Saarumathi R
(23E4701, 23E4713)
II MSc Biochemistry



1st prize

Sangeetha U, Menaka R S
(24E4701, 24E4713)
I MSc Biochemistry



2nd prize

Shyamini R, Krithika G
(22E27033, 22E2731)
III BSc Biochemistry



2nd prize

Vishnu Priya S, Pavithra S
(22E2708, 22E2715)
III BSc Biochemistry



3rd prize

Baskar S, Vikram R
(22E27026, 22E2729)
III BSc Biochemistry



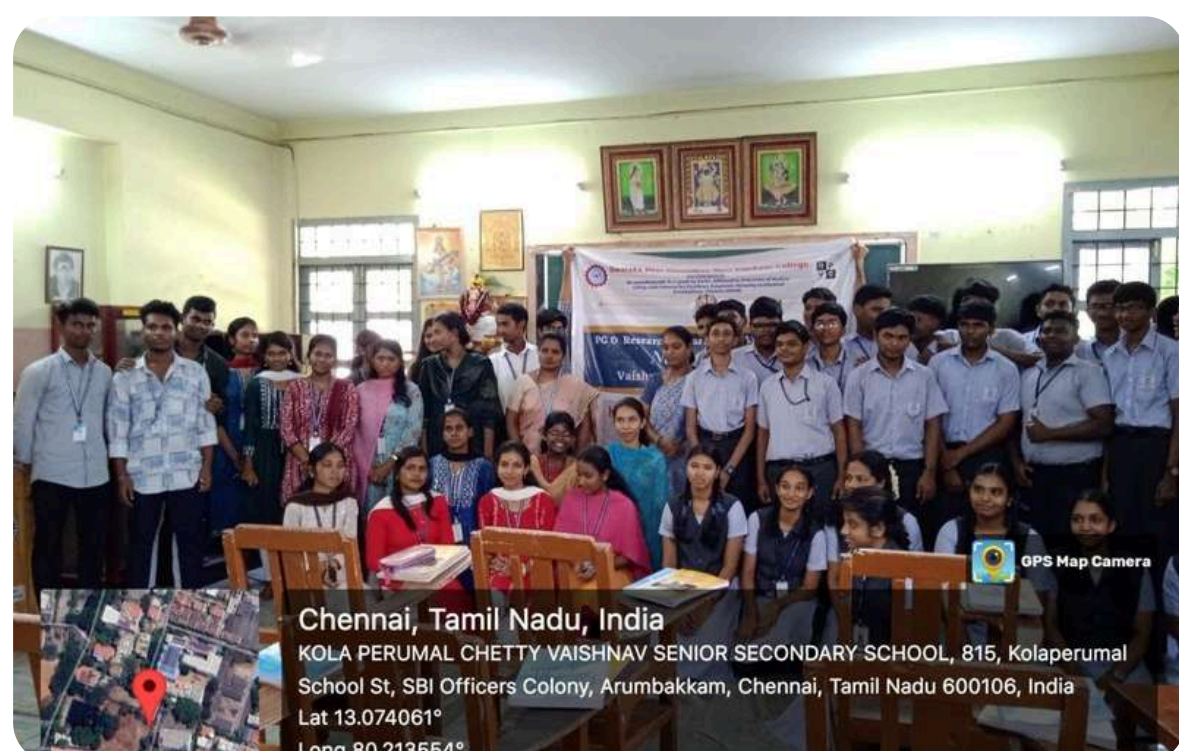
3rd prize

Jancy, Syed Mufthi Ahamed S
(23E2701, 23E2713)
II BSc Biochemistry

NATIONAL NUTRITION WEEK IN SCHOOLS

6th September 2024 , 9th September 2024 and 10th September 2024

PG Department of Biochemistry celebrated the National Nutrition Week on the 6th and 9th Sept 2024 in Kola Perumal Chetty Senior Secondary School and 10th Sept 2024 in Srimathi Maharani Bai Jamuna Doss Vaishnav Higher Secondary School. The crew members extended a warm welcome and gave an insightful overview of National Nutrition Week to the students. First and third-year B.Sc. Biochemistry students performed a skit centered on the theme of nutrition, effectively highlighting its importance . The students were also taught some mudhras that improves concentration and mental health. The event also featured the game connexions, and the students showcased great enthusiasm and won prizes.



DEPARTMENTAL ACTIVITY

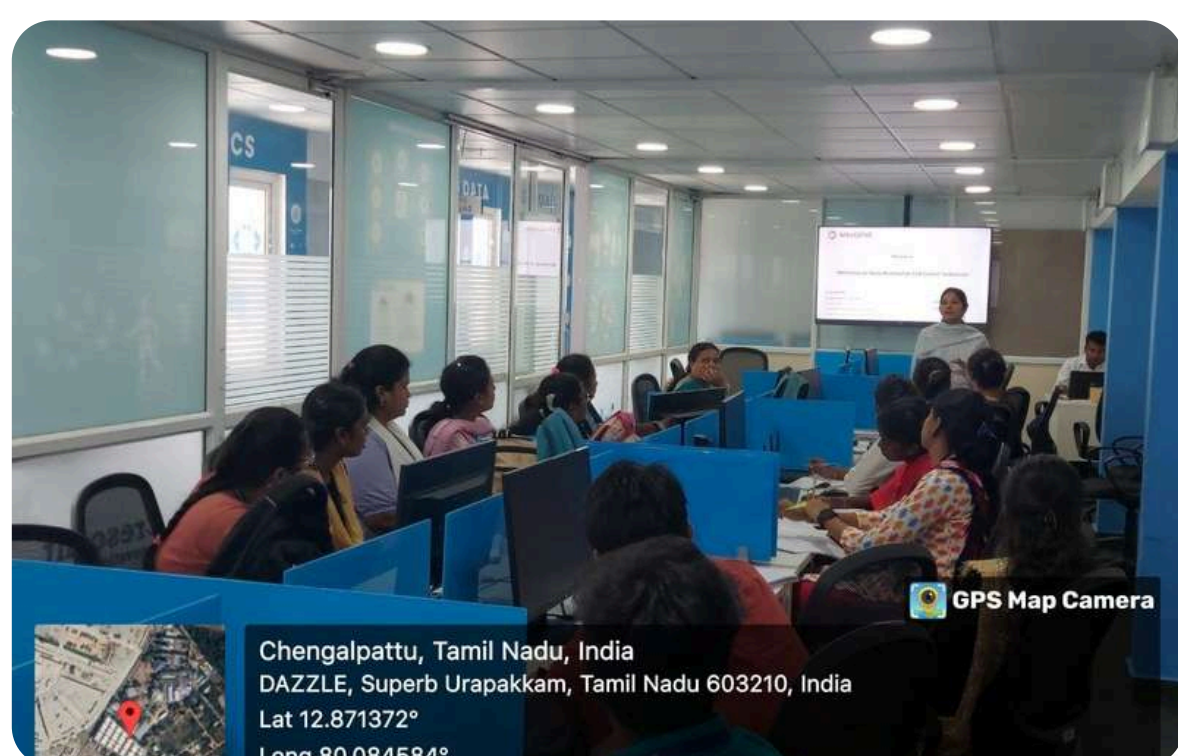
INDUSTRIAL VISIT FOR II BSc AND I MSc

Dr. K. Nagalakshmi arranged an industrial visit for the students of II BSc and I MSc Biochemistry on 9th September 2024 to Affyclone Laboratories Pvt. Ltd. Research and Product Development, located in Chrompet, Chennai. The focus of this visit was eco-friendly and safe laboratory practices, coupled with hands-on training in bio-laboratory techniques. Dr. Jamuna(resource person) commenced the session with an introduction to the techniques for DNA separation from bacterial cultures and the principles of agarose gel electrophoresis. Subsequently, the students were organized into teams and engaged in practical training sessions, and gained experience in isolating DNA from bacterial samples and performing agarose gel electrophoresis. During the visit, the students were also briefed on the operation and applications of various laboratory instruments utilized at Affyclone Laboratories.



LIFE SKILL TRAINING PROGRAMME

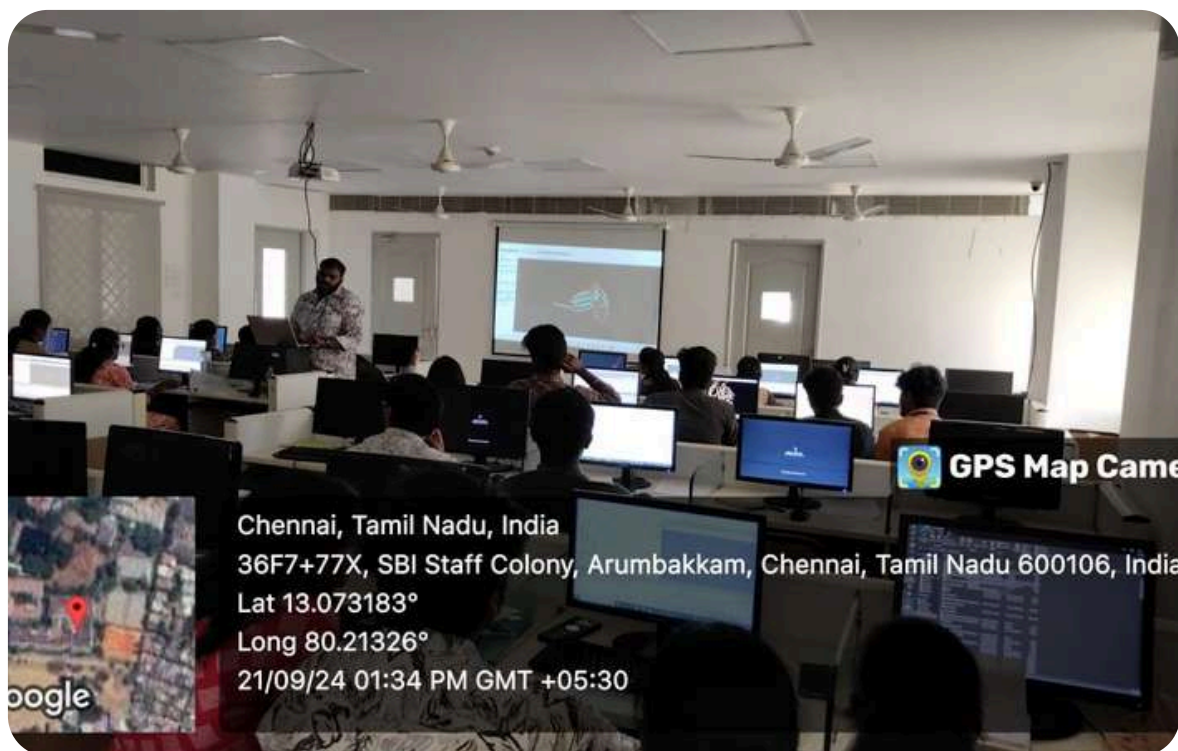
The Life Skill Training programme- LSTP was organised by the Postgraduate Department of Biochemistry, DDGDV College on 13th September 2024. The LSTP took place at MitoGene, Pvt, Ltd, CIIC, Chennai for II PG students. The programme was organised to provide a broad knowledge about Mammalian cell culture, steps involved in handling cultures, sterilization of the cabinet, storage of culture, cell thawing, passaging and cytotoxic assays. Students were guided to perform cytotoxic assays. The trainer Dr. Latha Ashok explained each step which includes revival of cells/ thawing, cell passaging/splitting, cryopreservation and cell counting using hemocytometer. Students gained knowledge about the cytotoxic assays using MTT assay. Students felt confident in performing antiproliferative assays and provided their valuable feedback.



DEPARTMENTAL ACTIVITY

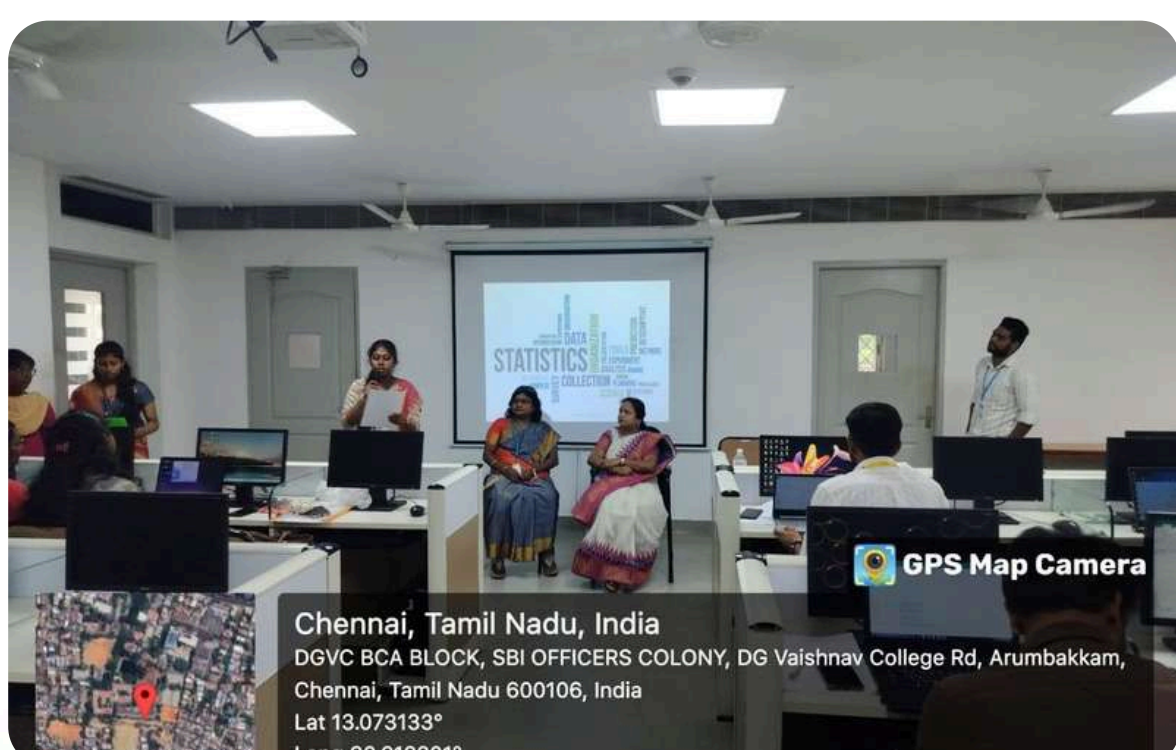
MOLECULAR DOCKING WORKSHOP

Dr.R.Uma and Ms. S Vaidehi, Assistant Professor organized a one-day workshop on molecular docking, exclusively for the II-year students on 20/09/2024, focusing on the use of popular tools like AutoDock, PyRx, and Vina. Mr.Duke Sholto Jeba Thomas, Founder and CEO of Sprig design, provided hands-on training in Computational techniques used for drug discovery and molecular interaction studies and enabled the students to understand the principles of ligand-protein interactions, binding affinities, and the significance of molecular docking in biological research. Expert faculty demonstrated the installation, setup, and basic usage of AutoDock, PyRx, and Vina. In the practical sessions, students were guided through real-time docking experiments, where they applied the learned concepts to predict binding modes between small molecules and target proteins. The workshop concluded with a discussion on interpreting docking scores and poses, and how these insights could contribute to drug design. The students actively participated in the session, gained valuable skills in molecular docking, and expressed interest in further applying these techniques in their future research projects. At the end of the session students gained practical knowledge about docking basics and its application in drug discovery



WORKSHOP ON DATA ANALYSIS USING EXCEL AND SPSS

The workshop on Data analysis using Excel and SPSS was organised by Dr. M. Kavitha on 9th October 2024. The II PG students of Microbiology and Biochemistry attended the workshop. Dr. K. Lakshmi, the chief guest started her session by providing a valuable insight on the techniques to use Microsoft excel to do statistical analysis of a numeric based biological data. The workshop also focused on handling IBM SPSS tool for statistical analysis and enhanced students ability to use statistical tools for their research and academic projects.



DEPARTMENTAL ACTIVITY

INVESTITURE CEREMONY AND WORLD MENTAL HEALTH DAY PROGRAMME

“THE CHALLENGE OF LEADERSHIP IS TO BE STRONG BUT NOT RUDE , TO BE KIND BUT NOT WEAK ,
TO BE HUMBLE BUT NOT TIMID. “

The Investiture ceremony of NEUBERG CREW and World Mental health day was celebrated on 9th October 2024 with great anticipation in Vidhya Dharshan ,MBA block .To inculcate the leadership qualities in students , the Crew elected 8 core members and 15 Executive Members . Dr. D. Saravanan, Head of the Department, delivered the inaugural address.

Prof.M. Maria Caroline Rebellow, Faculty coordinator of Neuberg crew introduced the Chief Guest, Dr. A. R. Bharathi, Principal of Peri College of Nursing, who delivered an enlightening discourse on mental health and well-being. The newly elected office bearers and executive members were ceremoniously invested with their badges by the Chief Guest and pledged to uphold their responsibilities with dedication and integrity. Certificates and trophies were presented to the outgoing office bearers in recognition of their commendable contributions. The 7th and 8th edition of Newcleotide, the department's newsletter was formally released by the dignitaries on stage, with a copy presented to the Chief Guest, Dr. A. R. Bharathi. Prizes were distributed to the winners of the Poster Competition and Flameless Cooking contests, held on 4th September 2024 to commemorate National Nutrition Week. In the later half, Dr. Nappinai Seran, a Consultant Psychologist delivered a thought-provoking session on mental health. She provided practical measures for maintaining good health and achieving mental peace, encouraging students to incorporate them into their daily lives. The session concluded with students taking a pledge for mental health, reaffirming the commitment to prioritize their well-being.



DEPARTMENTAL ACTIVITY

AYUDHA POOJA

The PG and Research Department of Biochemistry celebrated the auspicious Ayudha pooja on 10th October 2024. The faculty and students assembled in the I UG classroom to seek the blessings of the goddess. The serene atmosphere was enriched by the fragrance of fresh flowers and the soothing aroma of burning camphor, creating a sense of tranquility. The event was further enlivened by the students who performed devotional dances and sang hymns in praise of the Goddess, adding a vibrant and spiritual touch to the celebration. To conclude the festivity, kesari and sundal were distributed as prasad to all the attendees, leaving everyone with a sense of joy and fulfillment.



Research Methodology Bootcamp Programme

The programme was conducted by the PG Department of Biochemistry on 21st October 2024 in the college library. Ms. S. Vaidehi warmly welcomed the students and introduced the resource person, Dr. M. Mani, who conducted a workshop aimed at raising awareness on utilizing N-LIST resources and other tools essential for student research. Highlighted the features of N-LIST, an e-resource platform, and encouraged students to enroll and leverage its offerings. He also shared the importance of NDLI (National Digital Library of India) registration and elaborated on the benefits of using EBSCO mobile apps, urging students to maximize these resources for academic advancement. During the session, Ms. S. Manonmani (II MSc Biochemistry) was honored by Dr. Mani for her commendable achievement in paper publication. The workshop concluded with Dr. D. Saravanan, Head of the Department, presenting a certificate of appreciation to Dr. Mani, expressing gratitude for his valuable insights and contributions.



STUDENTS ACHIEVEMENT

Yuvan Kumar S

22E2732

III BSc Biochemistry

- secured third place in State level 110m hurdles conducted by Tamilnadu Athletic Association.
- won Gold in State level 110m hurdles, Silver in State level 100m & Bronze in State level relay conducted by State level invitational meet 2024 on 20th July.
- secured Gold in District level 110m hurdles & Silver in District level 100m conducted by Sports University, Melakotaivur.



Gayathri D

22E2722

III BSc Biochemistry

secured First prize in Intercollegiate Poster conducted by Department of Biochemistry, JBAS College for Women, Chennai - 18.

Abinaya.S.S

22E2725

III BSc Biochemistry

Completed 14 years of Pravasi language education course and secured distinction in the final examination, and was felicitated by Hon Minister (Kerala) on 13th September 2024 at Trivandrum Arts and Craft village.



Mithran R

22E2735

III BSc Biochemistry

Secured Third prize in Intercollegiate Fashion walk organized by Dr MGR Janaki College on 14th August 2024 Adyar, Chennai.

STUDENTS ACHIEVEMENT

Baskar, Arshath, Yuvan, Akash & Mithran
(22E2726, 22E2709, 22E2732, 22E2704, 22E2735)

III BSc Biochemistry

secured Best Game stall award in Vaishnav Bazaar conducted by Vaishnav Bazaar, Entrepreneurship cell, DDGDVC



INTERNATIONAL CONFERENCE



Ramachandran R S, Manonmani S
(23E4730), (23E4710)

II MSc Biochemistry

Secured 1st prize in paper presentation entitled "*Synergistic effect of gold nanoparticles using aqueous extract of Adhatoda vasica and Andrographis paniculata to evaluate its antioxidant, antibacterial and antiproliferative activity against HCT 116 colon cancer cell line*" at the National Level Conference BIOCINCA 2024 organised by Saveetha Engineering College- Chennai .

Ramachandran R S
23E4730

II MSc Biochemistry

Presented a paper entitled "*The Toxicological Effects of Aqueous and Ethanol Extract of Centella asiatica on Zebrafish Embryos: Investigation, Dosage, and Exposure Time*" at an International conference FIMB 2024 organised by The Government College of Men Kadapa, Andhra Pradesh. (Online mode)



STUDENTS ACHIEVEMENT



Manonmani S

23E4710

II MSc Biochemistry

presented paper entitled "*Sustainable solutions: Repurposing air conditioner condensate water with Musa acuminata bark treatment for Laboratory experiments, antibacterial and plantation*" at International conference on Frontiers in modern biology organized by Govt College for Men, Kadapa, Andhrapradesh on 06.11.2024 conducted at International level.

Saisaran V T

23E4713

II MSc Biochemistry

participated and presented paper entitled "*The Potential role of HKDAC1 in Non Small Cell Lung Carcinoma*" International conference on Microbes and Applied Biotechnology - ICMAB'24 Sponsored by DBT - CTEP Organized by Dept of Microbiology, Biotechnology and Biochemistry SPIHER conducted at International level on 6-8 November 2024.



R G Elangovan

23E4715

II MSc Biochemistry

Participated and presented paper entitled "*Anti-Cancer Effect of Swertiamarin a Secoiridoid Glycoside on Benzo(A)Pyrene-Induced Lung Carcinogenesis in Swiss Albino Mice*" at International conference on Microbes and Applied Biotechnology - ICMAB'24 Sponsored by DBT - CTEP Organized by Dept of Microbiology, Biotechnology and Biochemistry SPIHER conducted at International level on 6-8 November 2024.

Subashree T

23E4708

II MSc Biochemistry

Participated and presented paper entitled "*The role of Swertiamarin against in N-Diethyl nitrosamine induced experimental hepatocellular carcinoma in animal model*" at International conference on Microbes and Applied Biotechnology - ICMAB'24 Sponsored by DBT - CTEP Organized by Dept of Microbiology, Biotechnology and Biochemistry SPIHER conducted at International level on 6-8 November 2024



FACULTY ACHIEVEMENTS

Dr R Uma

Received “CERTIFICATE OF APPRECIATION FOR ORAL PAPER PRESENTATION” in International Conference on Biotechnology and Biological Sciences from Biospectrum 2024 - University of Engineering management, Kolkata on 16-11-2024.

Prof. S Vaidehi

Received CERTIFICATE OF EXCELLENCE in Reviewing from Uttar Pradesh Journal of Zoology (web of science) in September 2024.

Dr R Selvam

Received REVIEWER AWARD from Discover Oncology, Springer Nature in September 2024

FACULTY PARTICIPATION

PROGRAMME	NO. OF PROGRAMMES ATTENDED
FDPs	19
International Conference	7
National Conference	1
Seminar	11
Workshop	8
Online Certified Course	1
Orientation Programme	4
Academic Contributions	12
Resource Persons	
Board of studies	1

PATENT & PUBLICATIONS

Patent

- **Dr.D.Saravanan** received Patent for *Device for production of cancer vaccine*
Date: 12.01.2024. Patent number: 404396-001
- **Dr.G.Sriram Prasath, Dr.D.Saravanan. Dr.A.Subramani** received Patent for *Green technologies for synthesizing nanomaterials, with a focus on metal as well as metal oxide*. Date: 18.11.2023, Patent number: 202341078493
- **Dr.A.Subramani** received Patent for *zinc oxide nanostructures based electrochemical biosensor for detection of hydrogen peroxide analysis*. Date :12.05.2023.Patent number: 202341033460
- **Dr. A. Subramani, Dr. G. Sriram Prasath, Dr. D. Saravanan, Dr. R. Selvam, Mrs. M. Maria. Caroline Rebellow, Dr. R. Nithya, Dr. P. Vijaya, Dr. P. Arthi, Dr. P. Tamizhdurai** received Patent for *Development of Chromone- Dihydropyrimidinone Derivatives as a Novel Scaffold for Anti-Diabetic Agents* Patent Number: 202441079944

R. Gajalakshmi, K. Karthick, **R. Selvam, Sriram Prasath.G, D.Saravanan, M. Kavitha, Subramani** "*Exotic Fruits and Their Signaling Pathways in Hepatocellular Carcinoma Prevention and Treatment: A Comprehensive Review*" Vol 14 No. 04 ISSN: 2251-6727

Gajalakshmi Ramarajyam, Ramadurai Murugan ,**Selvam Rajendiran** "*Network pharmacology and bioinformatics illuminates punicalagin's pharmacological mechanisms countering drug resistance in hepatocellular carcinoma*" Volume 42, DOI: 201328

M Maria Caroline Rebellow, S. Carmel Punitha, Muhammad Bahran, **A. Subramani, G. Sriram Prasath** " *Protective Nature of Eugenol Against Oxidative Stress: An in-vitro Approach*" DOI: 10.53555/ecb.v13:i6.17732

L. Benazir Ali, **A. Subramani**, V.S. Jamal Ahamed, Priya V. Patel, T.K. Shabeer, P. Tamizhdurai, Asad Syed, Hind Al-Shwaiman, P. Sasikumar " *In silico investigation and biological evaluation viz antimicrobial, genotoxic, and anticancer potentials of new dihydropyrimidinones (DHPMs) synthesized by Biginelli reaction*" Volume 1316 DOI: 138758

B. Arirudran, M. Yuvaraj1, **G. Sriram Prasath**, S. Tamilselvi, R. Jayasurya "*An Insilco Approach on Trachyspermum Ammi to Discover a Drug that Reduces the Burden of Gallstone and Gallbladder Tumor*"

G. Sriram Prasath, S.Vaidehi, Sangeetha Sathyanarayanan, Arun Pandiaan M "Assesing the Effectiveness of Green Belt Zone with Plant Species in Combination Urban Air Pollution" DOI: <https://doi.org/10.47815/aprsr.2024.10425>

BOOK CHAPTERS PUBLISHED

Dr. M. Kavitha (Author). " *An in vitro and in silico study on the Anticoagulant Effects of Leaf Extracts of Mukia maderaspatana (L.) M. Roem*" Book Chapter No.3 Pg No. 23-38. EMERGING TRENDS IN THERAPEUTIC AGENTS FROM MEDICINAL PLANTS ISBN: 978-81-966183-7-7

ALUMNI REMINISCENCE



Miss. Sneha Padmanaban
Project coordinator–Medical affairs
INDEGENE
B.Sc (2018-2021) and M.Sc (2021-2023)

Greetings Everyone,

I'm Sneha. My academic journey began in 2018 with DGVC where I joined my Bsc Biochemistry. It was class known for both fun and academics. After my Bsc, I joined Msc Biochemistry graduating in 2023 completing total 5 years in DGVC. All these years, I want to thank the HOD of the Biochemistry department P.T Srinivasan for his unwavering support towards me. My time at DG Vaishnav College during my UG and PG years was truly transformative. The vibrant campus, supportive faculty, and engaging academic environment shaped not just my career but also my perspective on life. I fondly remember the lively discussions in classrooms, study sessions, cellutions Event and the camaraderie I shared with my peers.

Currently, I am working as Project Coordinator – Reference Librarian, Medical affairs at Indegene. My previous role was at MPS LIMITED as Associate -SME and I enjoy applying the knowledge and skills I gained during my college days to make a meaningful impact in my field.

Looking back, the journey has been one of growth, filled with milestones and lessons. I am immensely grateful for the opportunities and support I received during my time there and take pride in being part of this remarkable institution's alumni network.



Mr. Sreevatsan Kumar M.Sc.,
Research Scholar, Department of Physiology,
IBMS, University of Madras,
Taramani Campus.

I am very glad and proud to be the part of our Biochemistry of DG Vaishnav college since 2014. Our college and Department has made me to shine in my studies . I have learnt basic research ideas from our Department faculty members . I fondly remember the time I have spent in faculty room gaining wholesome education from the professors.

Biochemistry Department in DGVC is one place which helped me to grow personally and professionally. I enjoyed and cherish the every moment that I spent in the college . I worked as lecturer in ACS Medical College and Hospital for 2 years .Currently I am pursuing my doctoral research in medical physiology in IBMS Campus .

I wish all the very best for my juniors!