



Release of Department Newsletter - by College Principal

PROGRAMS OFFERED

1. B. Sc Biochemistry
2. M. Sc Biochemistry
3. M.Phil Biochemistry

PROGRAMME WISE COURSES OFFERED

(CBCS & Outcome Based Education)

B.Sc. Biochemistry

I Year

Nutritional Biochemistry
Cell Biology
Chemistry

II Year

Chemistry of Biomolecules
Biochemical Techniques
Microbiology

III Year

Enzymes
Intermediary Metabolism
Human physiology
Molecular Biology
Principles of Biotechnology
Bioinformatics
Immunology
Pharmaceutical Biochemistry
Clinical Biochemistry
Genetics

Research Methodology

Advanced Biochemistry
DNA Techniques and
Clinical Applications
Plant Biochemistry and
Plant Therapeutics
Enzymes and Enzyme
Technology

M.Sc. Biochemistry

I Year

Biomolecules
Intermediary Metabolism
Plant Biochemistry
Enzymes
Membrane Biochemistry /
Stem Cell Biology/
Phytomedicine

Analytical Biochemistry
Human Physiology And
Nutrition

Molecular Biology

Biotechnology/ Ecology and

Population Education/
Microbiology

Bioethics, IPR And Human
Rights/ Organizational
Behaviour/ Good Laboratory
Practices

Electives

II Year

Advanced Clinical Biochemistry
Biostatistics
Research Methodology
Hormonal Biochemistry /
Advanced Medical Laboratory
Technology / Bioentrepreneurship
Management/Bioinformatics
Immunology
Nutrigenomics

Life Style Diseases And
Prevention/ Healthcare
Management / Free Radical Biology
Electives

PLACEMENT



ELIGIBILITY FOR ADMISSION

B.Sc. Biochemistry

Pass in +2 with Chemistry as one of the subjects

M.Sc. Biochemistry

A pass in UG degree in Biochemistry / Biotechnology /
Microbiology/ Biomedical Science/ Biomedical
Instrumentation Science / Medical Lab Technology /
Bio informatics / Environmental Sciences / Clinical Lab
Technology / Chemistry / Life Sciences / Botany /
Zoology / Nutrition & Dietetics.

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Visit Department website for more details

<https://dgvcbiochemistry.webs.com/>

Facebook page

<https://www.facebook.com/groups/Biochemicians>

Jai Shree Krishna



Dwaraka Doss Goverdhan Doss Vaishnav College

(AUTONOMOUS)

Arumbakkam, Chennai-106, Tamil Nadu, India

College with Potential for Excellence
(Linguistic Minority Institution)
Re-accredited with 'A++' grade by NACC,
Affiliated to the University of Madras
Under the Management of
Shri Vallabhacharya Vidya Sabha

DEPARTMENT OF BIOCHEMISTRY



PROSPECTUS 2024-25

THE DEPARTMENT

The undergraduate program in Biochemistry was started in the year 1995. The department was upgraded to a postgraduate department in 1998 and as Research department in 2015 with state of art facilities. The primary objective of the department is to develop and strengthen the “academics-industry” relationship, in order to make the students passing out industry-ready besides imparting value-based education. The department also facilitates interactions with eminent experts from industries and hospitals.

VISION To focus on bridging the gap between academics and industry by integrating teaching, research and service.

MISSION To seek remarkably potential students of all backgrounds and to develop their overall personality by educating them through intellectual discipline and social experience.



Silver Jubilee Batch

SALIENT FEATURES

OBE based Curriculum
Industrial visit
ICT based Education
Internships / Fieldwork & Project Offered for both UG & PG
Workshops / Seminars by Experts
Mentor Mentee System: Personal/Professional Guidance & Counselling
Well Equipped Laboratories

LIBRARY

The department library has around 200 books

INSTRUMENTATION FACILITIES

Laboratories are modern, well equipped with various instruments. Both UG and PG students are provided a comprehensive practical exposure to the various instrumental techniques.

INFRASTRUCTURE



FACULTY DETAILS

1995-2023

Dr. P. T. Srinivasan, MSc., PhD., M.A(P&R), MSc(BI), MA(T), SLET
Head of Department
Dr. R. Uma, MSc., M.Phil., SLET., MSc (BI), PhD
Dr. D. Saravanan, MSc., MPhil., B.Ed., PhD
Dr. M. Kavitha, MSc., MPhil., B.Ed., PhD., SLET., NET
Dr. Sangeetha satyanarayan, MSc., M.Phil., MSc(Psy), SET
Prof. S. Vaidehi, MSc., M.Phil., MSc.(BI), SET
Dr. K. Nagalakshimi, MSc., M.Phil., SLET., NET., PhD
Dr. G. Sriram Prasath, MSc., PhD, NET
Prof. M. Maria Caroline Rebellow., MSc., M.Phil., NET,
Dr. D. S. Pushparani, MSc., M.Phil., PhD., MS., NET
Dr. A. Subramani, MSc., B.Ed., M.Phil., PhD
Prof. S. Ishwarya, MSc., DNHE

NEUBERG CREW- CLUB

The “Neuberg Crew” is a student run club of the department. It organizes number of academic and extra academic programs every year to provide a wide exposure to the students with ongoing developments in Biochemistry. Besides organising the Department's annual intercollegiate event Cellutions, the club also have organised the following webinars

DEPARTMENT NEWSLETTER 2023



DEPARTMENT BEST PRACTICES/ ALUMNI CONTRIBUTION

Alumni has donated around 200 books on Biochemistry, life science disciplines and also have sponsored for department events like “Cellutions” and Newsletter.

NOTABLE ALUMNI

Dr. J. Narayanan
Principal Scientist/Associate Professor, Sankara Nethralaya

Dr. V.R Praveen Kumar
Principal Investigator, Syngene International Limited(IISC)

Dr. Venkat Raghavan
Post doctoral CI freelancer in. Rweelizamblaen. nR Institute South of Science (Israel)

Dr. Ashok Narasimhan
Post doctoral fellow in University of British Columbia

DEPARTMENT



CLASS ROOM



CLASS ROOM



LAB



LAB

CELLUTIONS



CELLUTIONS 2009



CELLUTIONS 2010



CELLUTION 2022



Investiture Ceremony



Career Orientation



Lecture on Cancer stem cells at interface of cell death machinery



Awareness on Environmental Solutions



Discovery and Development of Quantum Dots

CONFERENCES SEMINARS WORKSHOPS



National Seminar on Lifestyle Diseases - Causes & Prevention



Workshop on "Phytochemicals as Therapeutics"



International Conference on Trends in Molecular Medicine



International Conference on Trends in Molecular Medicine



Seminar on Cardiovascular Diabetology



State Level Workshop on Computational Biochemistry



National Convention on Biological Sciences



DBT Biophysics

CONFERENCES SEMINARS WORKSHOPS



Health Camp, Avadi



World Kidney Day



Vacation Camp, Kilpauk



Outreach Programme - Visit to SEVALAYA

STUDENTS & STAFF ACHIEVEMENTS



INDUSTRIAL VISIT



EVs FIELD TRIP



Summer Internship 2022



Value Added Course 2022



International Award Ceremony (MEDHA)



MICROFEST



Won District level Running



National DNA Day (Gene Sculpt)

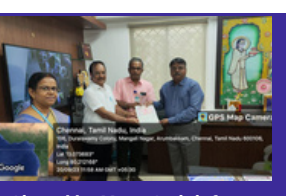
MOUS SIGNED BY OUR DEPARTMENT



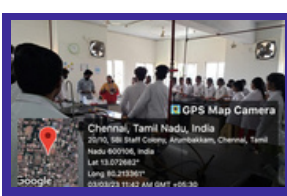
Signed by Mous Clarius Biological



Signed by Mous Mitogene



Signed by Mous Swininfosys



Conducts Water Quality Management