



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

M.Phil. Biochemistry

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.

Contact :

Dr. D. Venkatesh - 9003248359

Dr. D.S. Pushparani - 8248891587

Dr. P.T. Srinivasan - 9884269445

Email id: dgvc.bc@gmail.com

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)

Affiliated to the University of Madras

Under the Management of

Shri Vallabhacharya Vidya Sabha

DEPARTMENT OF BIOCHEMISTRY



PROSPECTUS 2021-22

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

Dr. P.T. Srinivasan, M.Sc.,Ph.D.,M.A.(P&R),M.Sc.,(B.I),M.A(T)SLET
Head of Department

Dr. R. Uma, M.Sc.,M.Phil.,SLET.M.Sc.(B.I),Ph.D.,

Dr. D. Saravanan, M.Sc.,M.Phil.,B.Ed.,Ph.D.,

Dr. M. Kavitha, M.Sc.,M.Phil.,B.Ed.,SLET.,NET.,Ph.D.,

Mrs. Sangeetha Sathyanarayanan, M.Sc.,M.Phil.,M.Sc.(Psy.),SET.,

Mrs. S. Vaidehi, M.Sc.,M.Phil.,M.Sc.(B.I),SET.,

Mrs. K. Nagalakshmi, M.Sc.,M.Phil.,NET.,SLET.,

Dr. G. Sriram Prasath, MSc.,Ph.D.,NET.,

Ms. M. Maria Caroline Rebellow, M.Sc.,M.Phil.,NET

Dr. P. Indumathi, M.Sc.,M.Phil.,Ph.D.,

Dr. D. S. Pushparani, M.Sc.,M.Phil.,M.S.,Ph.D.,NET.,

Dr. D. Venkatesh, M.Sc.,M.Phil.,(Ph.D.),

Ms. S. Ishwarya, M.Sc.,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 2021

1 INTERNATIONAL E- CONFERENCE on Nutraceuticals as Immune Boosters

Resource Persons : **Dr. U.S Mahadeva Rao** - Dept. of Biochemistry, Faculty of Medicine, Universiti Sultan Zainil Abidin, Malaysia. & **Dr. Kalander Ameer** - Associate Professor, Dept. of Biochemistry, School of Medicine, College of Health & Medical sciences, Haramaya University, Ethiopia.

2 UNDERSTANDING THE SIGNS & SYMPTOMS OF COVID-19".

Resource Persons : **Dr. Sudhir Kumar, MD**, Consultant Neurologist, Apollo Hospitals, Hyderabad.

3 HOW TO READ SCIENTIFIC LITERATURE and Introduction to MANAV-The Human Atlas Initiative.

Resource Persons : **Dr. Anupma Harshal**, Consultant (Science Publications), IISER, Pune.

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 fellow in Weizmann Institute of Science (Israel)

Dr. Ashok Narasimhan

Post doctoral fellow in University of British Columbia

DEPARTMENT



CLASS ROOM



CLASS ROOM



LAB



LAB

CELLUTIONS



CELLUTIONS 2007



CELLUTIONS 2008



CELLUTIONS 2009



CELLUTIONS 2010



CELLUTIONS 2013



Students Achievements in Inter College Cultural programs



Students participation in other college competitions



Students participation in other college competitions

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



Swachh Vaishnav Sep 2015



World Kidney Day



Health Camp, Avadi



Certificate course in Basic computing skills - Batch-3

STUDENTS ACHIEVEMENTS



INDUSTRIAL VISIT



SUMMER INTERNSHIP 2013



SPORTS DAY 2014



SPORTS DAY 2014



National Conference on Herbal Medicine



National Conference on Herbal Medicine



EVS PROJECT 2016-17



EVS PROJECT 2016-17



WEALTH OUT OF WASTE COMPETITION



EXHIBITION ON RENEWABLE SOURCES OF ENERGY



EVS PROJECT EXHIBITION BSC 2013-16 BATCH



GUEST LECTURE ON GMO