

Department of Biochemistry, IPGDC(W), Nampally

ABOUT THE DEPARTMENT

The Department of Biochemistry was instituted as one of the departments of Sciences during the academic year 1998-1999. The main objective of the department is to inculcate the basic concepts and applications of Biochemistry and thrive in the field of research and development. The department has optimized all the resources to improve the quality of education. The present students are exposed to most of the emerging areas through the curriculum and various field visits.

COURSES OFFERED: B.Sc (Bio Chemistry, Microbiology, chemistry)

VISION

To be recognized as a centre for excellence in Biochemistry that provides an atmosphere to acquire skills in identifying the link between biological and human resources and transform it to enhance the quality of life.

MISSION

- To give a broad based knowledge in concepts and principles of biochemistry.
- To provide opportunities to get hands on experience in –
 - Research oriented education in Biochemistry
 - Molecular Biology and Biotechnology

INFRASTRUCTURE AND FACILITIES

LABORATORY

The Department has well-equipped laboratories with instruments like Colorimeter, Digital Balance, Refrigerator, Spectrophotometer, Chromatography Chambers, Water Bath, Hot Plate, Blender, Centrifuge, Ph Meter, Physical Balance, Microscope, Autoclave, Hot Air Oven, Weighing Balance and Microwave Oven to carry out various biochemical experiments.

LIBRARY

The Departmental library has a wide range of books related to Biotechnology, Nutrition, Immunology, Microbiology, Clinical Biochemistry, Medical Biochemistry, Plant Biochemistry, Biophysics, Cell Biology, Physiology, Enzymology etc

HIGHLIGHTS

- Topper in Biochemistry – Ms Naheed Fatima (Batch 2013-2016)
- For the past 5 years, the average pass percentage is 98%
- Celebrated Science Convention on the Occasion of National Science Day on 28th Feb, 2017

TEACHING FACULTY

Sl. No	Name	Qualification	Type Of Post
1	Mohammadi Begum	M.Sc	Contract

Department of Biochemistry (Activities)

Date	Activity	Report
15-08-2016	Departmental plan	plan about <ul style="list-style-type: none">• the coverage of Syllabus• To conduct seminars• I Unit Test
16-08-2016 To 20-08-2016	Bridge Course	To Provide the basic Knowledge for I year students about Biochemistry
26-08-2016	Poster making	Poster making on applications of Biochemistry and on Fat soluble Vitamins
29-08-2016	Students Seminars	Conducted Students Seminars on carbohydrates
03-09-2016	Students Seminars	Conducted Students Seminars on Transcription
14-09-2016	Assignment to Students	Assignments were given to B.Sc 1 st year Students on carbohydrates.
28-09-2016	Field Trip	B.Sc 1 st year students visited centre for cellular and molecular biology (ccmb), hyderabad on its opening day
14-10-2016	Students Seminars- B.Sc 1 st year	Conducted Students Seminars on Lipids
16-11-2016	Students Seminars-	Conducted Students Seminars on Nutrition

	B.Sc final year	
03-12-2016	Students Seminars- B.Sc 2 nd year	Conducted Students Seminars on Bioenergetics
0812-2016 To 09-12-2016	Keshav Science Fest - 2016	Keshav Science Fest -2016 at Keshav Memorial Institute Of Commerce And Science. B.Sc 2 nd year students participated in one minute experiment and power point presentation on GREEN ENERGY CONSERVATION
16-12-2016 To 17-12-2016	Dr. Reddy's Recruitment Drive	Dr. Reddy's Recruitment Drive at Lord's Institute of Engineering & Technology
30-12-2016 To 31-12-2016	Student Study project	Student Study Project on "ISOLATION OF CASEIN AND ALBUMIN from various brands of cow, buffalo & goat milk
02-01-2017	Yuvatarangam-Poster making	Conducted Poster making on types of Bacteria on the occasion of Yuvatarangam-college level competitions
12-01-2017		Yuvatarangam cluster level competitions Science Exhibition at GDC, Begumpet on Structure of Animal cell
31-01-2017	Painting Competition	Organised Painting Competition on Recycling of Biological Wastes for College Annal day
07-02-2017 To 10-02-2017	Certificate course	Conducted Certificate course on "PAPER QUILLING CRAFTS"
28-02-2017	SCIENCE CONVENTION	Organised SCIENCE CONVENTION on Occasion of "NATIONAL SCIENCE DAY"
31-03-2017	Extension Lecture	Given Extension Lecture on "Spectrophotometry & colorimetry" at Hindi Mahavidyalaya, Nallakunta, Hyderabad

S.No.	Name Of The Activity	Date
1.	Attended MANA TV live presentation at MANA TV auditorium (BRAOU)	27-08-19

2.	Attended Bio-Chemistry Symposium on 17 th & 18 th Sep 2019 at Vanitha Mahavidyalaya	17th & 18 th sep 2019
3.	Microbial Rangoli in collaboration to Dept. of Microbiology in connection to “WORLD RABIES DAY”	28-09-2019
4.	“MICROBIONE FOOD FOOD FESTIVAL” in collaboration to Microbiology Dept.	21-01-2020
5.	Class seminars by MBC Final year on 24 th Feb 2020	24-02-2020