



Departments of MICROBIOLOGY & BIOTECHNOLOGY, APPLIED NUTRITION & DIETETICS



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ABOUT THE DEPARTMENTS

The School houses excellent infrastructure and well trained faculty members .Most of them have pursued Doctoral /Post Doctoral Fellowship from laboratories in very reputed institutions.

The unique course structured according to the CBCS recommended by the UGC is designed in consultation with clinical, agricultural and industrial experts to give the cutting edge specialist knowledge and practical skills needed for a career in molecular biosciences. Students will gain extensive research experience through research based teaching in top notch laboratories, hands on computer modeling, internship in industry or medical institutions and carrying out a full semester research project, working under the mentorship and supervision of highly accomplished scientists. Students will graduate with specialist knowledge and employability skills for a career in further research (such as a PhD) or important placements in academic, clinical, industrial, agricultural or commercial sectors anywhere in the world. In Nutrition and Dietetics Dept, The curriculum prepares students to be able to translate the scientific literature when problem solving around food production, nutritional counseling on healthy eating practices, and managing diverse populations. This is done through a combination of traditional academic means, as well as with unique culinary nutrition, experience-based cooking labs. Students develop nutrition care plans and learn nutritional diagnostic skills, as well as refine sensory evaluation techniques.



From The Vice-Chancellor's Desk

- Prof. D. J. Chattopadhyay

This domain has many interesting aspects and one of them is gene editing and gene modification. Stem cell as all of you know is being used to develop various organs is one of the major application of this domain. Research is on to get some phenomenal discoveries in this subject. I can assure that the future will owe a lot to this domain for shaping it and establishing certain major trends. There have been developments like plants sniffing bombs to measuring of glucose levels from the contact lens of your eyes.

COURSES OFFERED

- ☉ 3 years B.Sc. (Hons.) in Microbiology
- ☉ 3 Years B.Sc. (Hons.) in Biotechnology
- ☉ 2 Years M.Sc. in Microbiology
- ☉ 2 Years M.Sc. in Biotechnology
- ☉ Ph.D. in Science (Life Science)
- ☉ 3 years B.Sc. (Hons.) in Applied Nutrition and Dietetics
- ☉ 2 Years M.Sc. in Applied Nutrition and Dietetics

FACULTY PROFILE



Dr. Rajat Pal
Assistant Professor & HoD
(Microbiology and Biotechnology)



Dr. Atreyi Ghosh
Assistant Professor



Dr. Fatema Calcuttawala
Assistant Professor



Beepsa Basu
Faculty



Dr. Nilanjan Das
Assistant Professor & HoD
(Applied Nutrition and Dietetics)



Dr. S. T. Choudhury
Assistant Professor



Dr. Argha Chakraborty
Assistant Professor



Dr. Moumita Das
Faculty



OUR INFRASTRUCTURE

- ☉ Well-equipped Practical Laboratories.
- ☉ Well-equipped Research Laboratories.
- ☉ Digitized Classrooms.
- ☉ Departmental Library.

CAREER PROSPECTS

Microbiology and Biotechnology Offers:

- » Higher studies in India and Abroad for MS and PhD.
- » Teaching and Research at Universities and Institutes.
- » Biomedical Industries.
- » Hospitals and Health care centres.
- » Biotechnology Companies.
- » Pharmaceutical Companies.
- » Quality assurance and Quality control.

Applied Nutrition and Dietetics Offers:

- » Dietician and Nutritionist in reputed hospitals, nursing homes, clinics.
- » Nutritionist and Dietician for fitness club, hotels, resorts and various corporate sectors.
- » Sports nutritionist.
- » Research and development sector of Nutrition, Agri-food and Pharma Companies.
- » Pursue higher academics/research in Nutrition and Dietetics.
- » Entrepreneurship.
- » Management nutritionist in Govt. and Private Food/ Nutrition companies.
- » Project nutritionist/ subject matter expert in different Govt. and non-govt. organisations.
- » Food bloggers.
- » Health and Nutrition journalist.