

The One Year Post Graduate Diploma in Molecular and Biochemical Technology was started in 1991. With financial support from Department of Biotechnology, the course aims at training students as technical support in laboratories in both educational institutions as well as the industry.

The syllabus includes three theory papers; Biophysical Techniques, Recombinant DNA Technology and Immunology. However, keeping in mind the goal to train human resource for labs, there is a greater emphasis on practicals vis a vis theory.

Alumni Speak



Shikha Gaba
PGD Biotechnology , Batch 2006

Hi. I am Shikha Gaba, a student of batch 2005 - 2006. After my graduation in Biotechnology, pursuing this PG Diploma in Molecular and Biochemical Techniques gave me a clear understanding of this field and a vision as to what I want to achieve in life. With excellent faculty, comprehensive study content, and good practical experience, this course is a complete package which equips each and every student with a fundamental clarity on the basics of immunology, molecular and biochemical techniques, and recombinant DNA technology. This empowers us with confidence and zeal to progress and explore new ventures in the field of research and development. For me, this course was a rendezvous with my own strengths and interests, and has played a very crucial role in developing me on both professional and personal fronts. Strong technological background aided me in making my way into the field of protection of intellectual property rights. I am now an IP lawyer and a registered patent agent, with patent prosecution and patent litigation as my key areas in the arena of biotechnological and pharmaceutical inventions. I would like to express my deep and sincere gratitude towards the faculty of this course and the institution of Sri Venkateswara College, as being a part of this course has helped me in being what I am today. Thank you.



*Dr. Prabhu Mishra
PGD Biotechnology , Batch 2006*

My experience at Sri Venkateswara College has meant career advancement to a highly responsible and technically challenging position in a leading-edge stem cell industry. Along with that goes an increased sense of self-esteem and a feeling of accomplishment and personal satisfaction. Course curriculum is excellent for beginners in molecular biology and immunology. Without these basic techniques we cannot think of going further in applied and translational research. This course helped me a lot to set up my own stem cell research facilities. My studies with Venki went further than I could ever have believed with finding myself growing both on a personal and professional level. I am Extremely thankful to Anju Ma'am, enjoyed her class.



*Abhishek Chari,
PGD Biotechnology , Batch 2007*

The P. G. Diploma course in Molecular and Biochemical Technology covers a good set of laboratory based methods and techniques to study biological molecules. It is a practical course, with a focus on hands-on training. The theoretical coursework offered also complements the practical lessons. In this way, the course is a very useful post graduate course, of convenient duration, for students who have completed their undergraduate education in the life sciences. It helped me to refresh my theory fundamentals and practice laboratory techniques useful in research. I am currently pursuing a Master's degree in Biology at the University of Utah, USA.



Dr. Swati Subodh
PGD Biotechnology , Batch 1998

I joined PG Diploma in Biochemical Technology at a point when I was not sure whether I saw myself in this field in the long term. I wanted to explore more to be able to take that decision. The one year that I spent in the course proved to be a defining factor. The faculty, Dr PVGK Sarma & Dr Anju Kaicker went the extra mile to show the practical side of the field which made my choice easier. My training at NII, as part of the course, was the tipping point. The applicability of the so far theoretical field I was exposed to made me realize the avenues and opportunities available in this field. I now work in this domain as an independent researcher with various international presentations, research papers, and recognition along the way. My association with the department continues to this day. Now as a resource person for various departmental activities from time to time. I am both proud and humbled to be a part of the department which played such a pivotal role in shaping my career



Atul Vashist
PGD Biotechnology , Batch 2005

It gives me immense pleasure to share one of the intangible and enduring lifetime experience at the Sri Venkateswara College (SVC), New Delhi. A beautiful and historic campus setting with academic excellence, superb faculty (Dr. Anju Kaicker, Dr. Shalini Sen and Dr. P. V. G. K Sarma) and laboratory staff (Bala Sir, Mrigesh Sir) very well compliments the success of a world class programme like P. G Diploma Course in Molecular and Biochemical Technology at SVC. This course inculcates scientific temperament with an increased theoretical as well as practical understanding. I was basically a chemist with a non-biology background at the time when I joined this course (Batch 2004-2005) and initially was bit skeptical about my decision. However, later I realized that the diversified curriculum of the course is perfectly designed for the students from interdisciplinary areas of science to develop their skills and gain knowledge in the subject. This course really brought up a biologist out of a chemist within me and this was a turning point in my career. The practical skills backed by academic knowledge

gained at SVC had given me the confidence to pursue my research career in Biotechnology and recently receiving the Young Scientist Award by SERB-DST, Govt. of India for my first research project at Department of Biotechnology, AIIMS, New Delhi. I feel proud and blessed to be a part of the SVC alumni.

Jyotsna Naik

PGD Biotechnology , Batch 2009

The Post graduation diploma in Molecular and Biochemical Technology and the teachers have a great contribution in my career. The course provided such a strong base that it landed me easily in to a Biochemistry lab, DU, South Campus even before my diploma results were declared. I had a beautiful journey and unforgettable memories with very talented, understanding, caring teachers and helpful classmates during the course. I am blessed to have these teachers in my life. The most memorable time was the Chandigarh trip which was all possible because of our teacher's effort. The theory classes of the diploma were so knowledgeable that I got First Rank in the PTU while doing my Masters and received gold medal. After refining my technical hand in Biochemistry lab where I have also done my M.Sc. dissertation and learned animal tissue culture techniques, I absorbed myself in Genetics lab, DU, South Campus where I got the opportunity to explore plant tissue culture as SRF in a DBT project. The whole journey made me acquire the scientific knowledge in basic research due to which today I am preparing the reports and summary of research projects which are funded by Indian Council of Medical Research where I am presently employed as SRF in Central Coordinating Unit of ICMR: National Task Force- Lysosomal Storage Disorders (NTF-LSD) study which is being carried out at 10 centres in India. NTFLSD is a multi centric collaborative study of the biochemical and molecular characterization of Lysosomal Storage Disorders. LSDs are a group of chronic, progressive, debilitating and life threatening conditions. These are rare inborn errors of metabolism which result from the inherited deficiency of one or more of the mostly catabolic enzymes that are located within the lysosome. In India, every year, around 500 babies born are likely to be affected by treatable LSDs whereas approximately 3000 new cases of LSD are born every year. Accurate diagnosis is imperative for genetic counseling for future pregnancies because most of the LSDs are autosomal recessively inherited. Early detection of LSDs would provide the options for prenatal diagnosis for many more families carrying these disorders. Realizing the importance of studying the rare and neglected genetic diseases, NTFLSD group is carrying out research by looking in to the various aspects of LSDs.