About Us

OUR MISSION

▪ To be a Center of Excellence providing quality education and research training
▪ To translate research outcomes for betterment of society
▪ To collaborate with Educational Institutions / Universities of repute in frontier areas of Science and technology

OUR VISION

To be globally recognized as a premier institution engaged in cutting-edge research in Basic and Applied Sciences
Dean’s Message

The SVKM’s NMIMS Sunandan Divatia School of Science, was born out of the foresight of the University with a view to providing undergraduate and post-graduate students an opportunity to venture into the fascinating world of Sciences. The School aspires to be a Centre of Excellence by creating a conducive student-centric environment that supports high quality teaching and research in niche areas of Science & Technology.

The Master’s program in Biological Sciences is designed to develop a student’s scientific, experimental and analytical skills. Further, the research-intensive and laboratory-based curriculum covers contemporary subjects and is intended to meet the needs of the ever evolving Biotechnology, Pharmaceutical Industry, Medical Diagnostics Industry, Clinical Research and Research Institutions.

Our students have been trained by excellent faculty who have a strong academic research background. Besides, the students are exposed to state of the art infrastructure and equipment to enhance their hands on skills. Moreover, the compulsory research project as part of the curriculum, develops their technical skills and makes them ready to face the industry. To ensure a holistic development of the student, besides academics, students are a part of various committees/cells to hone their creative, social, cultural and inter-personal skills.

I take the pleasure in inviting companies to our School for placements. Our effort is to enable interaction between students and companies to find the best match between their aspirations and requirements.

With best wishes,

Dr. Neetin Desai
Dean, NMIMS , Sunandan Divatia School of Science
Chairperson’s Message

The SVKM’s NMIMS introduced, highly innovative and unique interdisciplinary courses at the Sunandan Divatia School of Science from the academic year 2007-2008. All the Curriculums offered at the Sunandan Divatia School of Science are programs involving ‘Research’ and hence research constitutes a major thrust in all the programs. The focus is to generate a pool of highly qualified scientific talent who can fulfil the needs of Research Institutions as well as the demands in an industry setting. Thus the programs ensure employability; address global demands and community development. We conduct guest lectures by experts from different sectors which helps students to know the various applications in their subjects. We focus on development of student through case studies, presentations research approach in journal club, soft skills etc. Students are also a part of various committees/cells to hone their creative, social, cultural and inter-personal skills.

Our last year batch got final placement from good companies/organizations like Cactus Communications, Journal of Visualized Experiments (JoVE), Kokilaben Hospital etc. We welcome you to our final placement process at NMIMS Sunandan Divatia School of Science.

With Best Regards,

Sunil S. Shirvaiker
Area Chairperson (Placements),
NMIMS, Sunandan Divatia School of Science
Sunandan Divatia School of Science (SDSOS) was started in 2007 by NMIMS Deemed to be University to provide undergraduate and post graduate students an opportunity to be a part of the unique learning methodology of the university, which lays emphasis on academic excellence combined with industry-oriented training. Innovative and unique interdisciplinary courses were started at the School of Science involving ‘Research’ as a major thrust in all the program Biological Sciences.

Currently, the school offers following programs:

- Ph.D. in Biological Sciences and Chemistry
- Masters of Physiotherapy
- M.Sc. in Statistics, Applied Statistics & Analytics, Biological Sciences & Chemistry
- Integrated M.Sc.- Ph.D. in Biological Sciences and Chemistry
- B.Sc. in Applied Statistics and Analytics
- Integrated M.Sc. in Biomedical Science
The Department of Biological Sciences offers degrees in M.Sc. Biological Sciences, Integrated M.Sc.-Ph.D. Biological Sciences, Ph.D. Biological Sciences and 5-Year Integrated Masters in Biomedical Science

The salient features of our M.Sc. Biological Science program:

• Grading system at par with international standards
• The course is reviewed regularly in consultation with our Board of Studies, which comprises of experts from academia, research institutions and industry
• Dedicated, qualified faculty to ensure high standard of teaching, learning and evaluation processes
• Guest faculty drawn from a pool of experts from Industry
• The "Industry Interface Program” keeps the students abreast of the latest trends in the industry/research organizations
Why Recruit Us?

- Articulated coursework to meet industry standards
- Hands-on training using sophisticated instruments
- Experimental learning
- Educational program to acquaint students with current research
- Soft skills and technical skills training
- Dedicated placement cell to enhance Employability
- Interdisciplinary course
Journey at NMIMS

Rigorous Two Years Curriculum
- Interdisciplinary curriculum
- Broad Domain Knowledge
- Inculcation of Research Aptitude
- Development of Interpersonal skills
- Research seminar/ journal club
- Guest talks/ Industry visits

Final Placement
- Industry Orientated Education
- Emphasis on Employability
- Inculcation of work ethics

Dissertation project
- Research projects at reputed institutes
- Advancement of Analytical and logical thinking

Entry into NMIMS
- Biology Graduates Applicants
- Selection by Written Test
- Screening by Interview Performance

Entry into NMIMS
Extensive Coursework

Semester 1
- Recombinant DNA Technology
- IPR and Patenting
- Bioinformatics
- Omics
- Recent Advances in Biology
- Research Seminar

Semester 2
- Molecular Oncology
- Immunology
- Computational Tool
- Research Proposal Presentation
- Introduction to Python/
  Introduction to pharmacology/
  Molecular medicine*

Semester 3
- Masters dissertation project at
  Research Institute/Industry

Semester 4

* Elective Component
Infrastructure

Research Facilities

- Tissue Culture Laboratory
- Carl Zeiss Inverted phase contrast Microscope
- Esco Class II Biosafety Cabinet
- Chemi Doc XR+ Gel Documentation System
- HPLC Facility
- Real Time PCR & Thermal Cycler

IT Infrastructure

- Computer Lab
- Classroom

Library Facility

- Conference room
Extracurricular Activity
Excalibur and Sports day 2019 - 2020
Eminent Alumni

Dr. Sudha Sawant
Ph.D: Indiana University in 2017 in Cancer biology
Postdoctoral Fellow: Indiana University Bloomington, USA

Tulip Nandu
Institute: Indiana University-Purdue University at Indianapolis, 2012
Course: MS in Bioinformatics

Srinjoy Chakraborty
Company: Crimson Interactive
Designation: Research Editor Trainee

Chetan Patil
Institute: University of Manitoba, Canada
Designation: PhD Scholar

Aafрин Madni
Institute: Institut Curie, Paris
Designation: PhD Scholar

Lamiya Dohadwala
Institute: TIFR
Designation: PhD Scholar

Juilee Kadam
Company: Glenmark Pharmaceuticals Ltd.
Designation: Research Associate

Yuvraj Kantak
Company: Wallace Academic Editing, Taiwan
Designation: Senior Academic Writer

Srinjoy Chakraborty
Company: Crimson Interactive
Designation: Research Editor Trainee

Shruti Nayak
Company: Fitpage, Mumbai
Designation: Content Writer

Jasmeet Kaur
Company: Journal of Visualized Experiments
Designation: Editorial Assistance, Biochemistry
Guest Lectures/Visits

Dr. Sharmistha Dutta Choudhury, Indian Women Scientists Association (IWSA) conducted Lecture series supported by Board of Research in Nuclear Sciences, Mumbai

Dr. Sonu Bhaskar
Founding Director and Chief Investigator, NSW Brain clot Bank Group Leader – Neurovascular Imaging Lab, Ingham institute for Applied Medical Research

Dr. Venki Ramakrishnan, Noble Laureate, Tata Institute of Fundamental Research, Mumbai

Visit to Proteomics Laboratory at the Department of Biosciences and Bioengineering, IIT Bombay
Placement Activities

Dr. Sonal Vijan
Manager at TCS, Medical writing and transition Team

Dr. Sudha Sawant
Post-doctoral Fellow at Indiana University, Bloomington

Dr. Girish Mahajan
Vice-President, HiMedia Laboratories Pvt. Ltd.

Dr. Chirag Trivedi
Clinical Study Unit Cluster Head – India-South East Asia at Sanofi

Dr. Nancy Pandita
Visiting Faculty at NMIMS-SDSOS

Dr. Rachel Anantha
Scientist at The Cancer Institute of New Jersey
Testimonials of Eminent Alumni

**Savio Pereira**
Senior officer for International Sales and Marketing (Asia-Pacific region), Clearsynth Labs.
It has been a privilege and was a holistic experience studying at the NMIMS SDSOS for the MSc in Biological Sciences, The learning atmosphere has been very conducive towards education with access to co-curricular and extracurricular activities. The infrastructure is excellent with laboratories having high end instruments, giving us good hands on training. The curriculum was well designed, giving an absolute grounding towards various scientific methodologies with an extensively designed practicum. The placement cell is well established and it is with their help and guidance I secured my first job at Clearsynth Labs. The 6 months internship for M.Sc Thesis gave me a first hand exposure to professional working environment and taught me various survival skills which further helped me excel in the professional world.

**Chetan S. Patil**
Ph.D Candidate, Jackson Lab, Department of Pharmacology & Therapeutics, University of Manitoba, Canada.
As I look back on my journey through the Masters’ program, I can state- joining SDSOS was one of the best decisions of my career. The research-oriented program increased my knowledge in designing experiments, writing scientific reports and present scientific research papers (including Journal clubs). It also provided me with opportunity to conduct research projects in prestigious R&D departments of Metropolis Healthcare and Glenmark Pharmaceuticals. Thanks to encouraging co-curricular activities, soft skills training and practical workshops, my level as a student reached phenomenal heights. It was during my time in SDSOS and guidance from the teachers, that I realized my potential to go a step further and perform research at a Ph.D. level. Currently, I am pursing my Ph.D. studies with research focused on understanding the molecular details of the initial stages of Alzheimer’s disease.

**Priyanka Sawla**
Junior Quality Analyst, Crimson Interactive.
Two years of Master’s in Biological Sciences, SDSOS NMIMS, have been full of great learning opportunities that merges theory with applications and promote students to spear head future advances in biological science. Journal clubs and seminars allowed me to remain updated with new technologies, have a solid foundation for basic concepts of biology and develop my presentation skills. Choice of Inter-disciplinary courses provides additional training to the coursework beyond the subject. The Placement Cell maintains professional rigor while ensuring industrial acceptance of students leaving SDSOS after the completion of the Master’s program. Amazing academic, technical and social skills exposure, great infrastructure and administrative facilities, collaborative atmosphere for students and the support from faculty and staff makes SDSOS unparalleled.
Testimonials Batch (2018-2020)

Yash Ninad Tiwarekar
Junior Technical Officer, Kokilaben Dhirubhai Ambani Hospital.
NMIMS, a place where the students are trained by the skilled and knowledgeable teachers. I would like to express my sincere gratitude to NMIMS and to all the faculty that helped me reach where I am. The Institution provides you a 2 year's Masters course in Biological sciences with a structured syllabus involving almost every subject required in a scientific field. Practical sessions are very informative and every student gets an hands-on experience on advance instruments. We also had soft-skills sessions where we were taught about the industry etiquettes. Overall the course structure placement talks and the curriculum has mould me in to an industry ready professional and i am glad to be a part of the institution.

Amruta Gupta
Associate Editor, Academia (medicine), Editage, Cactus Communications.
It rarely happens that students pursuing Biology after high school actually know what they want to go ahead with, in the long term. NMIMS School of Science is a place that will definitely provide you with clarity, as the very comprehensive course exposes students to an array of specific subjects and fields in Biology. As an organization, the faculty and staff put in their complete efforts in educating students with updated theoretical as well as practical knowledge, first-hand experience working with high - end and complex instruments. A well-structured course syllabus, hands-on training, paper presentations, resolving experimental hurdles are some things that enhance a student’s research skills. Personality and soft skill development sessions, hearing from industry professionals, planning, and organizing events are aspects that bring out the best in us and prepares for a better future.

Jasmeet Kaur Sahni
Editorial Assistant, Biology and Biochemistry, JoVE.
A fascinating kaleidoscope of knowledge, fun and a temple of education, NMIMS’s SDSOS has not only developed my scientific temper but has also inculcated in me a sense of temperament and has offered me a pocket-full of confidence, excitement, learning ability, the vision and eagerness required for self-development. Being the President of the Placement cell and a Research Intern at CSIR-IGIB, New Delhi have tested my limits and have helped me adapt and tackle situations all regards to SDSOS to adding various soft skills and employability skills to my cart and helping me move not one but ten steps forward towards the dream of pursuing a scientific career and aiding me in learning and imparting science not only theoretically but also practically via various hands-on experiments, well trained and experienced faculty, latest scientific methods, techniques and instruments, wide research areas, engaging extra-curricular, rigorous tests, paper presentations at Journal Clubs, seminars, guest lectures by eminent personalities of the scientific community.
Sponsors of Placements/ Internships
Project Internship Details

Masters’ Dissertation - Sector Wise Distribution for MSc batch 2018-2020

- Research Institute: 81%
- Hospitals: 14%
- Diagnostic: 5%

Masters’ Dissertation - Sector Wise Distribution for MSc batch 2017-2019

- Research Institute: 76%
- Hospitals: 16%
- Diagnostic: 4%
- Industries: 4%
Project Internship Details

Internship 2017 – 2019

Internship 2018 – 2020
Final Placements Details

Sector wise distribution for M.Sc. batch 2017-2019

- Scientific Writing: 67%
- Research Institute: 7%
- Industries: 13%
- Sales and Marketing: 13%
Final Placements Details

Final Placements 2017 - 2019

- Crimson Interactive: 6
- Clearsynth: 2
- CPAA: 1
- Heckyl Technologies: 1
- Yasham Speciality Ingredients: 1
- SETS: 1
- Biomall.in: 1
- TCS: 1
- Target Publications: 1
- Whats Science: 1
M.Sc. Biological Sciences
Class Of 2019-2021

Priyanka Barigela
B.Sc. Biochemistry

Tanushree Bhuimali
B.Sc. Biotechnology

Rachel Correia
B.Sc. Biochemistry

Pooja Doshi
B.Sc. Biotechnology

Kaveri Gadgil
B.Sc. Life Science

Tanisha Mehta
B.Sc. Life Science

Kartiki Jadhav
B.Sc. Microbiology
M.Sc. Biological Sciences
Class Of 2019-2021

Tanvi Kanade
B.Sc. Life Science

Swarali Keni
B.Sc. Biotechnology

Rimsha Khan
B.Sc. Life Science

Ria Mainkar
B.Sc. Life Science

Bhavya Mehta
B.Sc. Microbiology

Tanisha Mehta
B.Sc. Life Science

Saurabh Oswal
B.Sc. Life Science
M.Sc. Biological Sciences
Class Of 2019-2021

Nishtha Pange
B.Sc. Microbiology

Shrutika Sawant
B.Sc. Microbiology

Ashni Sundani
B.Sc. Biotechnology

Anjali Vaidya
B.Sc. Microbiology

Khyati Ved
B.Sc. Zoology

Aravind A
B.Sc. Life Science

Prathmesh Vala
B.Sc. Microbiology
Integrated M.Sc. and PhD
Biological Sciences
Class Of 2019-2021

Sakshi Sinha
B.Sc. Microbiology

Namrata Britto
B.Sc. Microbiology

Naimi Sirjohn
B.Sc. Microbiology
Placement Committee
MSc Biological Sciences 2019-2021

Kaveri Gadgil
President

Prathmesh Vala
Vice President

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