

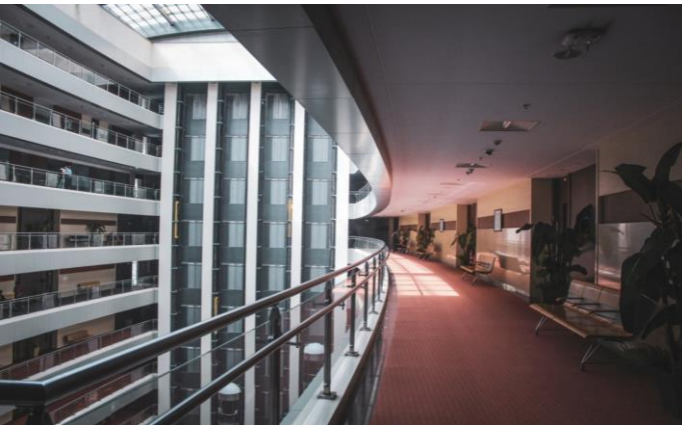
DEPARTMENT OF BIOLOGICAL SCIENCES

M. Sc. Biological Sciences

Placement Brochure 2018 – 2020



ABOUT US



VISION

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

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

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 Organizations 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. Aparna Khanna

Dean,

NMIMS, Sunandan Divatia School of Science



PLACEMENT AREA 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 TCS, Crimson Interactive, Yasham Speciality ingredients, Clearsynth, SETS, Target Publications, CCAA, Biomall.in, Whats Science 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

NMIMS SUNANDAN DIVATIA SCHOOL OF SCIENCE



Sunandan Divatia School of Science (SDSOS) was started in 2007 by NMIMS Deemed to be University, with a view 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, Highly innovative and unique interdisciplinary courses were started at the School of Science from the academic year 2007-2008 involving 'Research' as a major thrust in all the programs. Currently, the school offers following programs:

- ❖ Ph.D. program in Biological Sciences and Chemistry (Regular & Professional)
- ❖ Integrated M.Sc.- Ph.D. program in Biological Sciences and Chemistry
- ❖ M.Sc. in Statistics, Applied Statistics and Analytics, Biological Sciences and Chemistry (Analytical & Organic)
- ❖ Masters of Physiotherapy
- ❖ B.Sc. in Applied Statistics and Analytics
- ❖ Integrated M.Sc. in Biomedical Science

DEPARTMENT OF BIOLOGICAL SCIENCES



- ❖ 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 feature of our M.Sc. Biological Science program is the emphasis being laid on the overall development of research skills of a student coupled with an expansion of his/her knowledge base through an interdisciplinary course work followed by a six month research project at reputed institutes, that develops their research and analytical skills.
- ❖ The course is tailor made to fulfill the requirements needed to keep pace with the current developments in scientific research.

M. SC. BIOLOGICAL SCIENCES - WHY RECRUIT US?



**Extensive
coursework**



**Hands-on training
using sophisticated
instruments**



**Experiential
Learning**



**Soft Skill
Building**



**Interdisciplinary
Courses**

JOURNEY AT NMIMS



Entry into NMIMS

- Biology Graduates
- Written test results
- Interview Performance

Rigorous Two Years Course Curriculum

- Interdisciplinary curriculum
- Research Methods
- Project proposal/ Review writing
- Soft skills
- Journal club/Seminars
- Guest talks/ Industry visits

Master's Dissertation Project

- Research Projects at Reputed institutes

Final Placement

- Industry Ready
- Employability skills
- Less turnaround time required



EXTENSIVE COURSEWORK (4 SEMESTERS)

- ❖ Genes & Genomics
- ❖ Proteins & Proteomics **I**
- ❖ Cell Biology
- ❖ Biostatistics & Bioinformatics

- ❖ Metabolism & Metabolomics
- ❖ Recombinant DNA Technology **II**
- ❖ Methods in Applied Sciences
- ❖ Research Methodology & IPR

Masters' Dissertation
Projects at Research **III**
Institutes & Industries
(6 complete months)

- ❖ Molecular Oncology & Molecular Medicine **IV**
- ❖ Clinical Immunology
- ❖ Recent Advances in Biology
- ❖ Introduction to Pharmacology

INFRASTRUCTURE



MASTERS' DISSERTATION/ INTERNSHIP PROJECTS

Student counselling
in order to learn
their subject
interests



Timely guidance
sessions for email
correspondence



Independent
research work
(6 months)



Placement based
on student's
preference



Dissertation thesis
presentation and
viva-voce
(100 marks)



ACADEMIC ACHIEVEMENTS

Scholarships from Indian Women Scientist Association



Ms. Lamiya Dohadwala, student of M.Sc. Biological Sciences
2018-20 was awarded Rs.10,000



Ms. Supriya Bharte, Ph.D. student was awarded Rs.50,000

EMINENT ALUMNI



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



Dr. Anuja Pande
Ph.D. at Louisiana State University, USA, 2018, & Postdoc at University of Colorado Denver School of Medicine, USA



Chetan Patil
PhD Scholar at University of Manitoba, Canada



Juilee Kadam
Research Associate at Glenmark Pharmaceuticals Ltd.



Pooja Bangude
Senior Academic Editor at Scholarly Editing and Translation Services



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



Aafirin Madni
PhD Scholar Institut Curie, Paris



Lamiya Dohadwala
PhD Scholar at TIFR



Yuvraj Kantak
Senior Academic Writer at Wallace Academic Editing, Taiwan



Srinjoy Chakraborty
Company: Crimson Interactive
Designation: Research Editor Trainee

GUEST LECTURES



Dr. Swati Patankar, Indian Institute on Technology Bombay, Mumbai



**Dr. Kolja Them, Section for Biomedical Imaging,
University Medical Center, Hamburg, Germany**



**Dr. Vandana Patravale, Institute of
Chemical Technology, Mumbai**

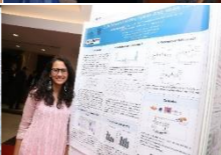


**Dr. Anjana Saxena, City University of
New York (CUNY), Brooklyn College, USA.**



**Jonathan Pitchford,
University of York**

INTERNATIONAL CONFERENCE ON ADVANCES IN MATERIALS SCIENCES AND APPLIED BIOLOGY (AMSAB - 19), January 8-10, 2019



**SUNANDAN DIVATIA
SCHOOL OF SCIENCE**

International Conference on

Advances in Materials Science & Applied Biology (AMSAB-2019)

8th-10th January 2019



EXTRACURRICULAR ACTIVITIES

Excalibur 2019



Annual Sports Day 2019



PLACEMENT ACTIVITIES



Mr. Mahesh Jagtap, Sales Head, PQE Group



Ms. Prachi Bendale, alumni and JRF at IIT-B



Mr. Savio Pereira, alumni and Trainee at Clearsynth



Dr. Viraj Gala, alumni and E-commerce Marketing Manager at Biomall.in



Mr. Amit Samant, HR Manager, Yasham Group of Industries



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SETS
SOCIETY FOR TECHNICAL AND SCIENTIFIC EDUCATION



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ncbs
National Centre for Biological Sciences
Tata Institute of Fundamental Research



ACTREG



IGoB
INSTITUTE OF GENOMICS
& INTEGRATIVE BIOLOGY
Genomics Knowledge Partner

NCMR
राष्ट्रीय सूक्ष्मजीव संपदा केंद्र

Sir H. N.
Reliance
Foundation Hospital
And Research Centre
RESPECT FOR LIFE




MAZUMDAR SHAW
CENTER FOR
TRANSLATIONAL RESEARCH



icmr **NIRRH**
INDIAN COUNCIL OF
MEDICAL RESEARCH NATIONAL INSTITUTE FOR RESEARCH
IN REPRODUCTIVE HEALTH

METROPOLIS
The Pathology Specialist

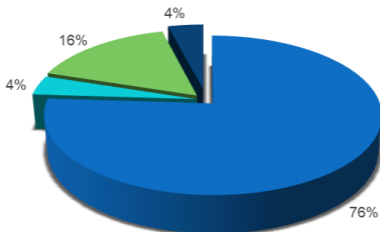
Breach Candy
Hospital Trust



Kokilaben Dhirubhai Ambani
hospital & medical research institute
Every Life Matters

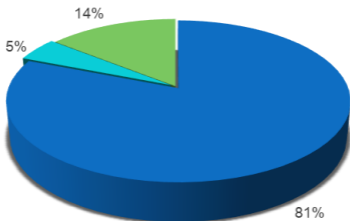
PROJECT INTERNSHIPS DETAILS

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



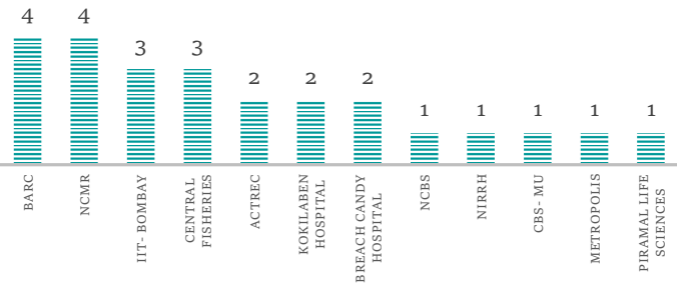
■ Research Institutes ■ Diagnostics ■ Hospitals ■ Industries

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

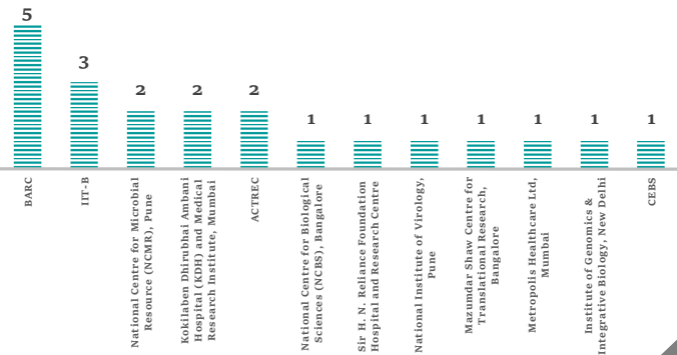


■ Research Institutes ■ Diagnostics ■ Hospitals

SUMMER INTERNSHIP 2017 - 2019

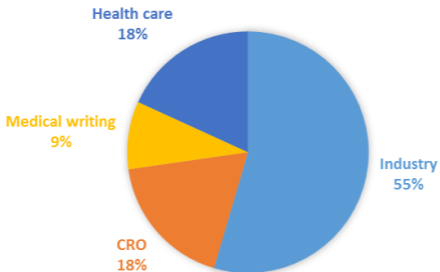


SUMMER INTERNSHIP 2018 - 2020

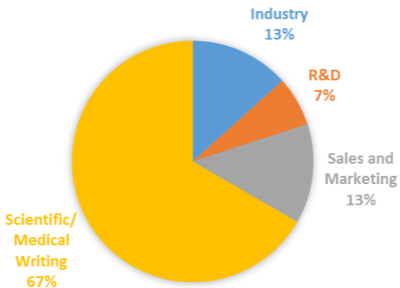


FINAL PLACEMENTS

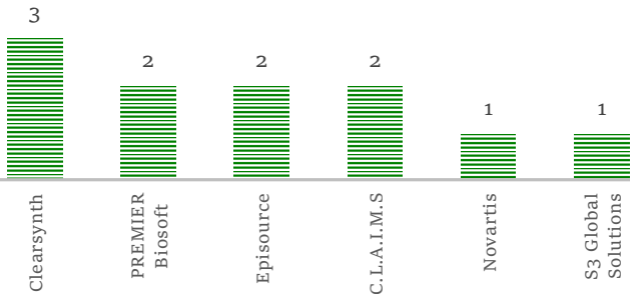
2017-2018



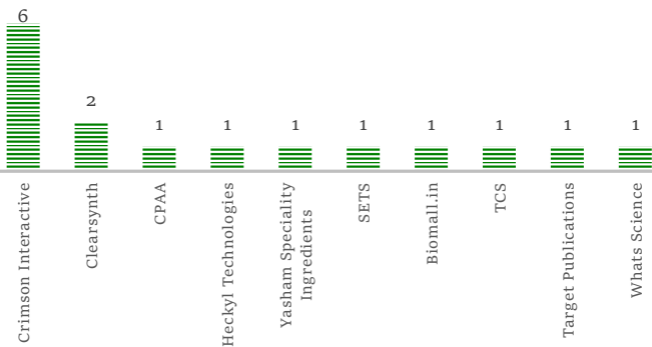
2018-2019



FINAL PLACEMENTS 2017 – 2018



FINAL PLACEMENTS 2018 – 2019



TESTIMONIALS (2017 – 2019)



Priyanka Sawla

Company: Crimson Interactive, Designation: Junior Quality Analyst

"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 supportive faculty and staff makes SDSOS unparalleled."

"Kalakshi Chavan

Organization: Yasham Speciality Ingredients, Designation: Officer - Technical Sales

"2 years of Masters at NMIMS SDSOS gave me an exposure to 12 different subjects (with theoretical and practical training) and a six month internship opportunity at ACTREC. The journal clubs/seminars helped me to groom my analytical thinking cum presentation skills and also made me aware of the recent advances in research going on across the globe. The extracurricular activities also gave me chance to identify my dancing skills. These 2 years was a beautiful journey at NMIMS SDSOS"



Vaidehi Shirke

Organization: TCS, Designation: Senior Process Associate

"As a post graduate student of Biological Sciences at Sunandan Divatia School of Sciences, NMIMS, I was introduced to various subjects in science such as Developmental biology, Immunology, Recombinant DNA technology, Molecular biology, Oncology, Pharmacology, Proteomics. These subjects helped me to enhance my academic and technical skills, as well helped me face upcoming challenges in the field of science. The journal club and seminar provided me with useful independent research oriented thinking ability, as well as presentation skills. I also had a chance to become independence and develop time management. It was a privilege being a part of a renowned institute. "

Divya Mishra

Company: Clearsynth, Designation: Trainee- Market Research

"I had a great learning experience at the school of sciences NMIMS. I got to learn various laboratory techniques and received hands on experience during practical sessions. This helped me during the six months internship projects. SOS has an inter-disciplinary syllabus where I could learn various subjects in biology. The seminar and journal club sessions made me aware of the recent research in biology across the globe. The six-month internship which is mandatory for every student gave me an opportunity to work at IIT-B and learn how to perform research. The pre-learning from college made it easy to perform during internship. I liked and enjoyed my 2 years course work in School of Sciences. It was an amazing and great learning experience in 2 years of course works in SDSOS."



CLASS OF M. SC. BIOLOGICAL SCIENCES (2018 – 2020)



Sneha Ravi



Aditee Ashar



Shivani Bhagat



Kaizar Bharmal



Priyanshi Desai



Amruta Gupta



Janani Iyer



Onkar Kadam



Manpreet Saini



Vaidehi Mirashi



Aradana Mishra



Mitali Parab



Shruti Nayak



Dhvani Prajapati



Jasmeet Sahni



Monalisa Sahoo



Mehak Shaikh



Yash Tiwarekar

STUDENT PLACEMENT COMMITTEE

2018 – 2020



Jasmeet Kaur Sahni

PRESIDENT



Mehak Shaikh



Aradana Mishra

VICE PRESIDENTS



Amruta Gupta



Yash Tiwarekar



Janani Iyer

CO-ORDINATORS

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Placement Advisor for Biological Sciences:

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Email: Purvi.Bhatt@nmims.edu

Tel: +91 22 4235 5956 / 9821379090

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Vice President

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