

M. Sc. Chemistry

DEPARTMENT OF CHEMISTRY



PLACEMENT BROCHURE

2022-2024

VISION AND MISSION

- To be globally recognized as a premier institution engaged in cutting-edge research in Basic and Applied Sciences
- To be a Center of Excellence providing quality education and research training.
- To translate research outcome for betterment of society
- To collaborate with Educational Institutions/Universities of repute in frontier areas of Science and Technology





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

The PG program in Chemistry is designed to develop 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 chemical & 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.

MESSAGE FROM DEAN



**DR. JAYAKUMAR SINGH BONDILI
DEAN
SVKM'S NMIMS
SUNANDAN DIVATIA SCHOOL OF
SCIENCE**

NMIMS SDSOS

Sunandan Divatia School of Science was started in 2007 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. The goal of the Sunandan Divatia School of Science is to be a Centre of Excellence in the domain of Pure and Applied Science by providing quality education and research.

Currently the school is offering following programs:

**Ph.D. in Biological Sciences
and Chemistry**

M.Sc. Chemistry

M.Sc. Biological Science

**B.Sc. Biomedical
Science**

M.Sc. Applied Psychology

Masters of Physiotherapy





DEPARTMENT OF CHEMISTRY

- The Department of Chemistry offers degrees in M.Sc. Chemistry, Integrated M.Sc.-Ph.D. Chemistry, Ph.D. Chemistry(Regular & Professional). The courses are reviewed regularly in consultation with our Board of Studies, which comprises of experts from academia, research institutions and industry from all over India. Thus, the courses are tailor made to fulfil the requirements needed to keep pace with the current developments in scientific research.
- In the first year, along with the permanent faculties, the regular lectures are also conducted by visiting faculties who are experts in their respective fields. Apart from the course work, the faculty also conducts guest lectures by eminent academicians and scientists, paper presentations (Journal Club), etc. to ensure learner centric environment.
- After the 3rd semester in the second year students undertake 6 months research projects on varied topics either in industry or research institutions of repute.

JOURNEY AT NMIMS

Entry into NMIMS

- *Chemistry Graduates Applicants*
- *Screening by Written test*
- *Selection by interview performance*



Rigorous Curriculum

- *Interdisciplinary curriculum*
- *Broad Domain knowledge*
- *Inculcation of Research Aptitude*
- *Development of interpersonal skills*
- *Research seminar/Journal club*
- *Guest talks/Industrial visits*



Dissertation Project

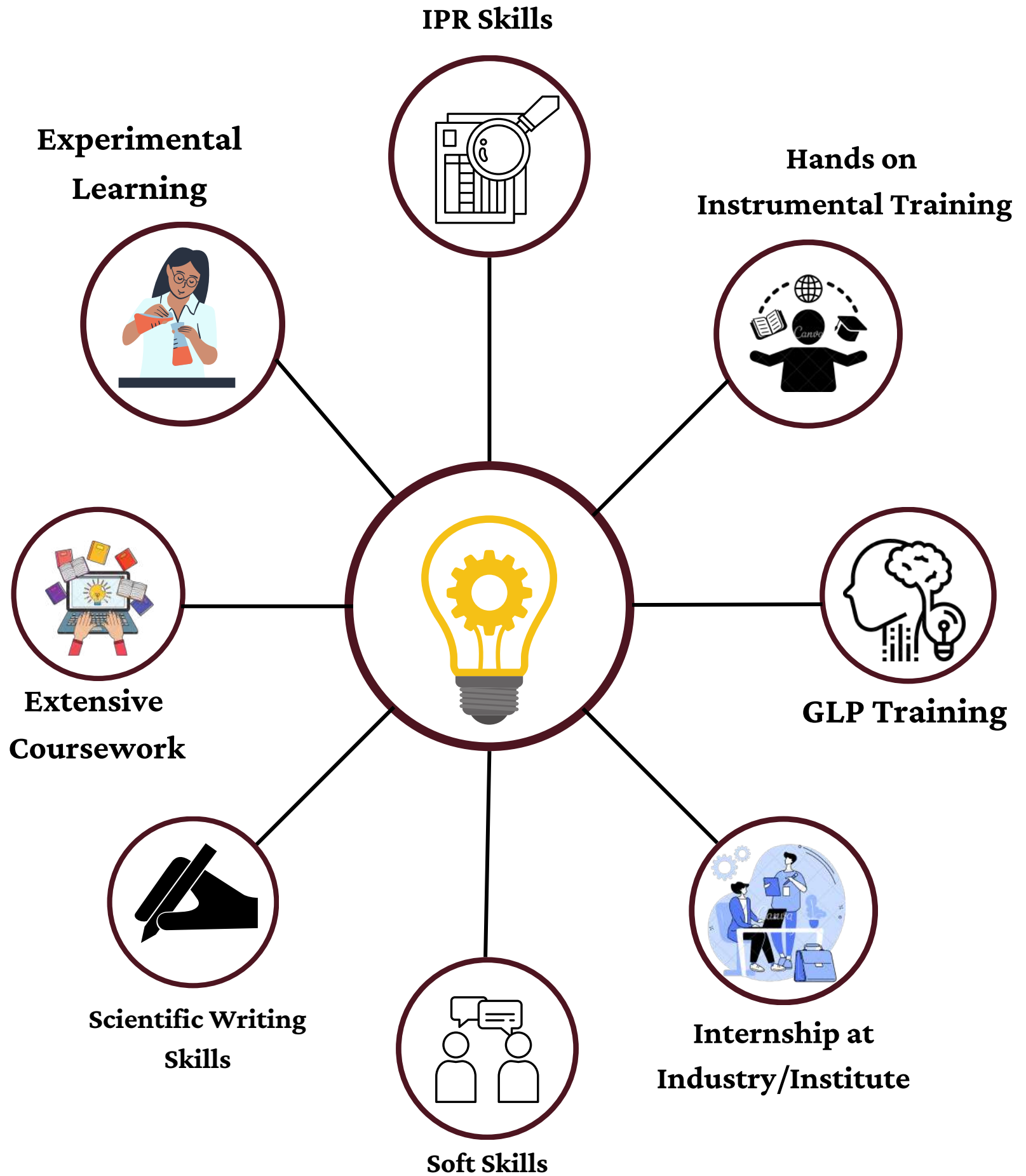
- *Student Counselling in order to learn their subject interests.*
- *Research projects at reputed institutes*

Final placements

- *Emphasis on Employability*
- *Industry Oriented Education*
- *Inculcation of work ethics*
- *Mock interviews*



WHY RECRUIT US ?



SPECIALIZATION IN CHEMISTRY

SEMESTER I

Analytical chemistry
Physical chemistry
Inorganic chemistry
Organic chemistry

SEMESTER II

Advanced organic spectroscopy
Nanoscience & Nanotechnology
Environmental & Green chemistry
Research methodology & IPR

SEMESTER III

Analytical chemistry
Organic chemistry
Material chemistry

SEMESTER IV

Dissertation project at research institute or industry

SPECIALIZATION IN CHEMISTRY

Organic Chemistry II
Organic Chemistry III
Organic Chemistry IV
Medicinal Chemistry

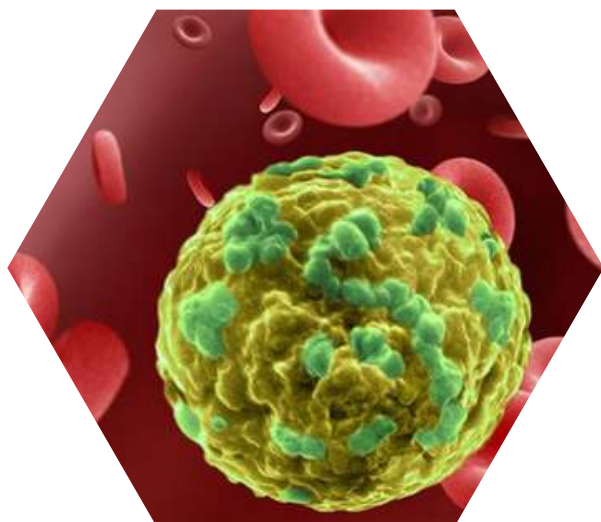
**ORGANIC
CHEMISTRY**

Analytical Chemistry
Advanced Analytical Techniques
Industrial Chemistry
Applied Electrochemistry

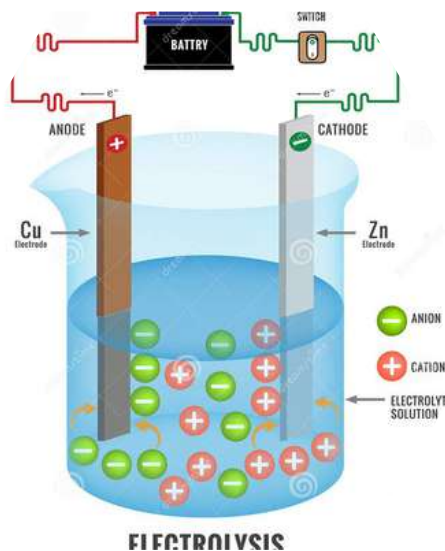
**ANALYTICAL
CHEMISTRY**

RESEARCH AT SDSOS

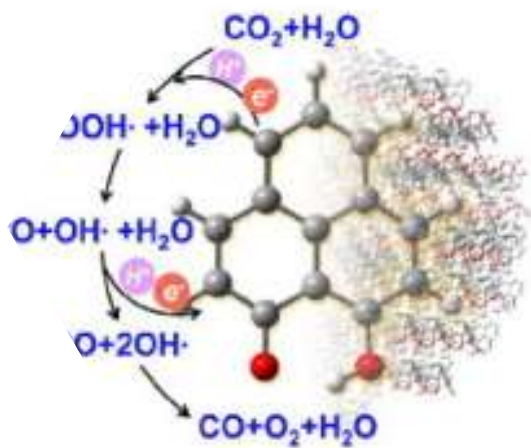
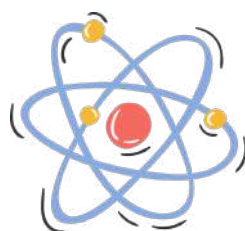
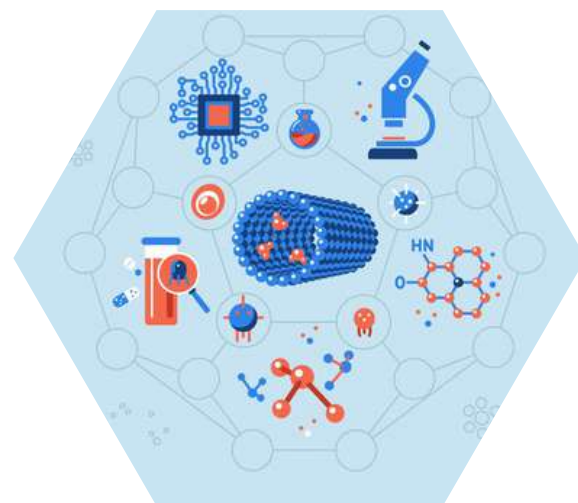
Translational Cancer Research



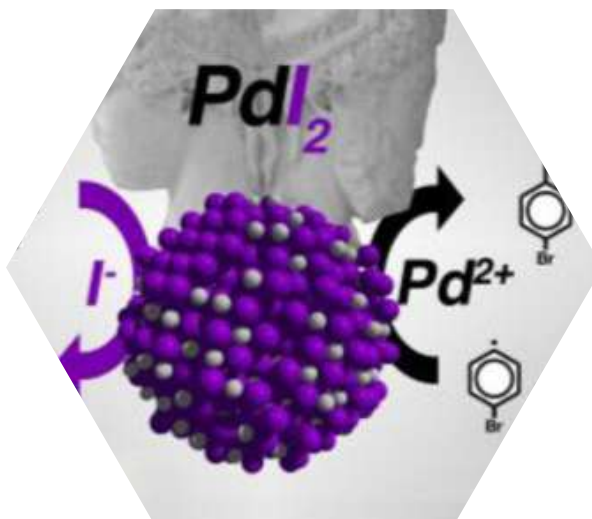
Electrochemistry



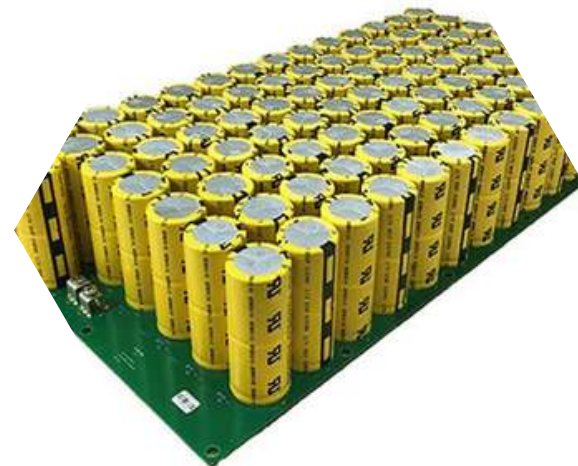
Nanomaterials



CO2 Photoreduction



Nanocatalysis



Supercapacitor

LAB INFRASTRUCTURE



CENTRIFUGE



HPLC

LAB INFRASTRUCTURE



PHOTO REACTOR



TUBE FURNACE



MUFFEL FURNACE

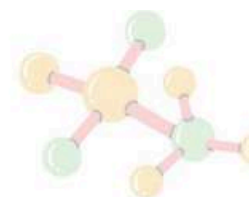
PLACEMENT ACTIVITIES



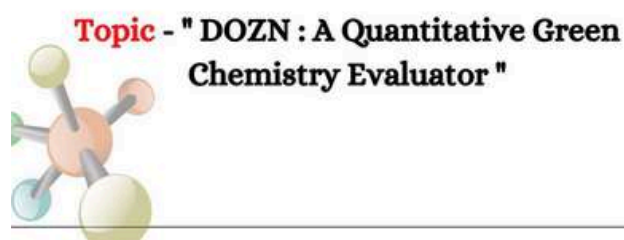
MR. NILESH AMBRE
DGM & HEAD HR GODREJ
SECURITY SOLUTION
TOPIC: ACADEMICS TO
CORPORATE
(14/10/2023)



DR. PANKAJ SHARMA
GREEN CHEMISTRY
SPECIALIST (MERCK)
TOPIC: DOZN: A
QUANTITATIVE GREEN
CHEMISTRY EVALUATOR
(04/04/2023)



Pankaj Sharma
Green Chemistry Specialist
(Merck)



Date : 4 April 2023
Time : 3-4 pm

Venue : MS Teams

INDUSTRY VISIT



NMRL-DRDO, Ambernath, Mumbai

Date: 28/09/2022



**TATA INSTITUTE OF FUNDAMENTAL RESEARCH,
COLABA, MUMBAI**

DATE: 23/11/23

INTERNSHIPS



DelNova Healthcare

PLACEMENTS



QbD RESEARCH & DEVELOPMENT LAB PVT. LTD



EMINENT ALUMNI TESTIMONIALS (2021-23)



Kenil Nisar

Being a part of NMIMS has influenced my life to a great extent and added many important skills which will help me throughout the life. From experiencing modern learning to getting filled with immense knowledge, NMIMS has promised and served to be the best. I am grateful to the faculty of SDSOS who have made sure to keep understanding of every subject to the best and provide me with many lessons which will influence my entire life, I am glad that I was guided and taught by them. NMIMS plays a pivot role in developing numerous skills and confidence, positive approach towards difficult phases. Being a part of SVKM since 7 years with 2 years in NMIMS will be always a sense of pride for me and always be remembered and hence making me smile.



Marissa Carvalho

I am so glad that I decided to enroll in NMIMS. My journey in NMIMS has been challenging, but it has been worth it. I've learned so many different things, ranging from soft skills to technical skills. The institution has provided me with an incredible platform to improve my presentation skills and gain valuable industrial experience. I am particularly grateful for the interpersonal skills that I have learned during my time at NMIMS. They have helped me to become a better communicator and a more effective team player. The faculty at NMIMS is incredibly knowledgeable and always willing to help. They have provided me with the guidance and support that I needed to succeed in my academic career. I feel that this program has helped me to grow both personally and professionally. I am grateful for the opportunity to be a part of such a prestigious organisation.

EMINENT ALUMNI TESTIMONIALS (2020-22)



Sagar Ravaliya
(UPL)

I am extremely grateful to NMIMS SDSOS for providing me with opportunities to grow and learn. NMIMS has assisted me in learning skills that are required in today's industry, as well as guided and identified my potential to grow and learn faster. The learner-centric environment and infrastructure, as well as the guidance and support of faculty members, helped me come ashore my dream job. The campus curriculum has assisted me in expanding my knowledge and improving my ability to learn faster. I'm grateful to NMIMS and its faculty for their assistance throughout my NMIMS journey.



Jhanvi Shah
(UPL)

My time at SDSOS of NMIMS has provided me an academically stimulating environment with top notch faculties and infrastructure. A degree from SDSOS gave me an edge in my future career as the education is oriented towards the student learning experience, and focuses on both future research and industry pathways for future graduates. The professors were knowledgeable and passionate about their subjects, and they provided me with a solid foundation of skills and knowledge that has been invaluable in my career. One thing that stands out the most in the curriculum is the 6 months dissertation project which gives us an insight into the industrial world. The placement cell also provided me with career guidance and support throughout my time in college. They helped me to identify my strengths and weaknesses, refine my resume and cover letter, and prepare for interviews. Overall, attending college was an enriching and transformative experience that has prepared me for a successful future.

BATCH OF M.Sc. CHEMISTRY 2022-24



Nisarg Sojitra 



Divya Shrivastava 



Digvijay Deokar 



Shubham Waingankar 



Rudranshi Joshi 



Mahima Surana 



Pranav Dalvi 



Vruti Vagasiya 



Om Patil 



Harshita Gupta 



Mohammad Aminul 



Rahul Yadav 

CONTACT US



Placement and Internship Advisor (Chemistry)

Dr. Gurudas Mane

Email: gurudas.mane@nmims.edu

Tel: +91-22 4235 2201

Placement Co-ordinator

Mrs. Priyanka Patil

Email: priyanka.patil@nmims.edu

Tel: +91 9764466180

Student placement committee

President:

Ms. Mahima Surana

Email: mahimasurana10@gmail.com

Tel: +91 7303983900

Vice President:

Mr. Digvijay Deokar

Email: digvijaydeokar1999@gmail.com

Tel: +91 9004193754

Co-ordinator:

Ms. Divya Shrivastava

Email: shrivastavadivya481@gmail.com

Tel: +91 9920076714

Mr. Nisarg Sijotra

Email: nsojitra@gmail.com

Tel: +91 9512767237

Ms. Rudranshi Joshi

Email: rudranshijoshi996@gmail.com

Tel: +91 9106820996