Mohammed Sahil   09002021
Chemical Engineering   UG Third Year (B.Tech.)
Indian Institute of Technology, Bombay   Male
                                                  DOB: 12-12-1990

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2012	6.00
Intermediate/+2	-	Emmanuel mission school	0	82.00
Matriculation	-	Emmanuel mission school	0	89.00

SCHOLASTIC ACHIEVEMENTS

- **Gold medallists** in National Science Olympiad which is organized by science Olympiad foundation
- Cleared the Joint Entrance examination conducted by Indian Institute of technology and was ranked **2464 out of 4 lakhs students** who appeared for the examination.
- Cleared All India engineering entrance examination and was **ranked 4860 out of 10 lakhs** students who appeared for the examination

POSITIONS OF RESPONSIBILITY

Co-ordinator Techfest 2011| Workshops   (Aug'10-Jan'11)
Techfest is Asia's largest science and tech Festival (Footfall: 25,000 Budget: INR 13 Million)
- Led a team of 10 organisers to **manage and organize** Workshops like Forensics Workshop and Under water Robotics attended by over 150 participants from all over India
- Played a key role in organising the **I-Nexus Robotics Competition**, in its Sri-Lanka Chapter
- Conceptualized campaigns to rigorously publicize the festival and featured events

Co-ordinator SARC (Student alumni relationship cell)| Research Division   (Aug'10 – Dec'11)
SARC is IIT Bombay's voluntary organisation committed towards the relationship between students and Alumni of IIT Bombay.
- Actively participated in **PHONOTHON 2010** by SARC IIT Bombay which is a telephone marathon where students volunteers connect to the alumni with the goal of publicizing various alumni events and updating alumni database
- Found out contact details of many Alumni's of IIT Bombay.

INTERNSHIPS AND PROJECTS UNDERTAKEN

Grameen Bank, Bangladesh   (Dec '11)
Guide: Mr. Sabur Khan
- Learned the **concept of Microcredit** and the basic model of Grameen Bank, Bangladesh
- Visited two Branch offices in villages and conducted interviews with Grameen Bank borrowers at centre meeting and their houses, the Grameen Bank field workers and Branch Managers, Area Managers, Zonal Managers
- Gained **Knowledge of Social business** and worked in Yunus Centre
- Had interviews with Grameen Trust, Yunus centre, Grameen Shakti, Grameen fund, Grameen Communication Grameen Education,Grameen health care and learned about their processes
- Attended 60th **International Dialogue Program** organized by Grameen Bank and Grameen Trust

Dynamic surface tension for polymeric system (May '11 – July '11)
Guide: Prof V.A.Juvekar

- Verified the relationship between the Bubble Frequency and Dynamic Surface Tension for a mixture of Sodium Dodecyl Sulphate(SDS) in Water using the **Maximum Bubble Pressure** method
- Graphically represented the change in the value of Dynamic Surface Tension for different samples of the mixture at a given Bubble Frequency and for a given sample at different Bubble Frequencies
- Derived the relationship between Surface Adsorption and Concentration in the solution adjacent to the surface using **Laplace transformation**

Mini UID for IIT campus (Autumn-'09)
Guide:Prof.. Deepak B. Pathak

- Generation of **Unique Identity system** for all the residents living in the IIT campus, on the lines of government of India's project of setting up unique identify system.
- Wrote the code in C++ environment for the usage of UID in recording attendance, access control, conducting online exams etc.
- Currently being used by the academic section of IIT Bombay for recording attendance

Inspection of chemical manufacturing plant (spring'09)
 Guide: Prof. Sanjay Mahajani
- Analyse the manufacturing process of sulphuric acid and methanol at RCF Plant, Chembur.
- Successfully completed a training session to understand the working of Sulphur and methanol.

COMMUNITY SERVICE

GREEN PEACE, NGO Mumbai
Green peace focuses its work on worldwide issues including global warming, deforestation and commercial whaling
- Actively participated and managed the moving day Action event of Green Peace
- 'Moving Planet' is the worldwide climate solutions rally which takes place every year on September 24th to move beyond fossil fuels.
- It is organized by 3 NGO's in collaboration with each other and actively attended by students of various colleges and schools of Mumbai
- Rigorously volunteered various events of Green Peace.

TECHNICAL SKILLLS

- **Programming languages** – C , C++ , Matlab , HTML
- **Softwares** – MS office, Adobe photoshop
- **Language proficiency** –English,Hindi,Urdu

Extra-Curricular Activities and achievements

Cultural
- Participated in various inter hostel Dramatic events such as **Freshizza**(2009) and won **the 3rd prize in Dramatics competition**

Technical
- Participated in **F1 car making** competition held in IIT Bombay
- Made a wireless car whose objective was to complete a given track with minimum amount of time.

Sports
- Participated in **district level swimming competition.**
- Was the part of **Squash team (National sports organisation)** of IIT Bombay in year 2009
- Represented hostel in **Squash General championship 2010**.