



Arnesh Sukumar
Chemical Engineering
Indian Institute of Technology Bombay
Specialization: Chemical Engineering

140020118
UG Second Year
Male
DOB: 14-02-1997

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2016	7.57

ACADEMIC ACHIEVEMENTS

- Currently pursuing a **minor degree in Design** from Industrial Design Centre
- Secured **State rank 1** in Joint Entrance Exam (Architecture) 2014 out of 0.15 million students
- Received **KVPY fellowship (2013)** with an AIR 181 of 250 students selected
- Qualified for **INSPIRE scholarship** based on performance in class 12 (**top 0.1%** of country)
- Shortlisted for Indian National Astronomy Olympiad level-2 and AMTI level-2 (class 9, 10, 12)

EXPERIENCE

OPERATIONS INTERN | CR2 Technologies Ltd. (Product – Medbox) [December '15]

- Worked on **App Flow, UI enhancements, Competitor Analysis** and **Data Analysis**
- Brainstormed innovative ways to **market the product** and enforce them successfully
- Coordinated with a team of 4 other interns to **ideate and implement Business Development ideas**

POSITIONS OF RESPONSIBILITY

CONVENER | Institute Aquatics Club [May '15 – Present]

- Managing the institute aquatics team by **coordinating practice sessions** and other events

HORIZONS COORDINATOR | Mood Indigo [March '15 – December '15]

- Conceptualized and **ideated food-fest**, bringing a cultural dimension to food

SCHOOL PUPIL LEADER | Maharishi International Residential School [June 12 – March '13]

- **Voted** by secondary school students to **supervise school and hostel affairs** of a 2200-student school

MESS COMMITTEE HEAD | Maharishi International Residential School [June '12 – January '14]

- Decided **every month's menu** with a **20-member** committee considering the response, requests and complaints of the students constrained to an **annual budget of around 180 million INR**

TECHNICAL PROJECTS

CLASSROOM FOR ALL | Guide: Prof. G G Ray, Prof. N Sadhu [July '15 – November '15]

- Proposed a **near-perfect design** of an ideal classroom that can **accommodate all kinds of people** especially considering the problems faced by people with disabilities

NANO-INDENTATION OF HUMAN HAIR | Guide: Prof. Prita Pant [May'15 – June '15]

- Performed **Nano-indention on Human hair** considering a variety of variables such as gender and cosmetics applied keeping all other variables such as age constant

BIOSYNTH | Guide: Prof. Sanjay Mahajani [May '15 - June '15]

- Experimented with a few changes in the procedure for the **production of Biodiesel**
- Selected for the **future Biosynth batch** and coordinating with a team of 21 students

GRAPHING SCIENTIFIC CALCULATOR | Guide: Prof. Deepak Phatak, Prof. Supratik C [Aug '15 – Nov '15]

- Programmed the functions, **coded the parsing in C++** in a **4 membered team**
- Created the user interface using **graphics.h, SimpleCPP** and **GTK** graphical packages for **C++**

OTHER ACHIEVEMENTS

- Selected as a part of the **Inter IIT Camp Aquatics 2014** and **Institute Water Polo team 2015**
- Secured **Fourth in Individual Medley** and **Third in Water Polo** in a nation-wide Aquatics Meet [2015]
- Awarded **silver** in the **Medley relay** in swimming General Championships [2015]
- Placed **4th** in all IITB students in **Swimathon** (Swam **20.5 km** in **12 continuous hours**) [2015]
- Represented school as a part of **Swimming, Volleyball and Throwball(Captain)** teams

EXPERTISE

- Fluency in **English**, working proficiency in **French**, elementary proficiency in **German**
- **Programming languages:** C++, Python, C, SQL, HTML, CSS
- **Tools and Software:** MATLAB, AutoCAD, SolidWorks, Illustrator, Photoshop