



Unnishankar Jayaprakash
Mechanical Engineering
Indian Institute of Technology Bombay
Specialization: B Tech

150100015
UG Second Year
Male
DOB: 10/01/1997

Examination	University	Institute	Year	CPI / %
Graduation	IIT Bombay	IIT Bombay	2017	8.32

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 434 (Top 0.1 percent)** in **JEE Advanced** among 1.5 lakh students (2015)
- Achieved **All India Rank 306 (Top 0.02 percent)** in **JEE Main** among 15 lakh students (2015)
- Scored **382/450** marks in **BIT-SAT 2015** (2015)
- Awarded **INSPIRE** award for being in the **top 1 percent** of HSC Board Examination, Maharashtra (2015)
- Currently pursuing a **Minor degree** in **Humanities and Social Sciences**, IIT Bombay (present)

POSITIONS OF RESPONSIBILITY

Convener | Roots-Classical and Folk Arts Club (April 2016- present)
Institute Cultural Council, IIT Bombay

- Managing an overall budget of **INR 0.6 million**, working in a 5-member team
- Conceptualizing and executing **30+ events** throughout the year to cater to **10K+** students and faculties
- Organizing professional concerts and workshops with **SPICMACAY** under the banner of **Virasat**

Coordinator-Competitions | Mood Indigo, IIT Bombay (May 2016- present)
Asia's largest college cultural festival; 131,000 footfall with 220+ events

- Conceptualized and organized **6 Multicity Competitions pan India** thus increasing outreach
- Leading a team of **20** organizers and allotting them relevant work related to planning and publicity
- Functioned as the **first Point of Contact** for the cultural heads of various colleges

KEY PROJECTS UNDERTAKEN

Quadcopter (Hobby Project) (Spring, 2015-16)
Aeromodelling Club, IIT Bombay

- Designed and built a **functional quadcopter** and its components, working in a team of 5.
- Successfully maneuvered the quadcopter using a **wireless bluetooth module** upto a height of **20 metres**

Line Follower (Spring, 2015-16)
Student Technical Activities Body, IIT Bombay

- Designed and created an **autonomous sensor controlled bot** which follows a white line on a black surface
- Coded in **AVR (ATMEGA-16)** micro controller and used Infrared (IR) Sensors to manufacture the bot

Checkers Game (Course Project) (Autumn, 2015-16)
Guide: Prof. Varsha Apte
CSE, IIT Bombay

- Developed a Checkers Game in **C++** using TurtleSim Graphics package
- Implemented an **Artificial Intelligence (AI)** in the game increasing its efficiency to **100 percent** and created a **user friendly graphical interface** with two game modes

EXTRA-CURRICULAR ACTIVITIES

Music

- Professionally trained in **Carnatic Classical Vocals (9 years)** and **Carnatic Violin (7 years)**
- Performing regularly in **Institute events** like Surbahaar, Swarsandhya, Institute Classical and Folk Arts Night, Club and Music Orientations
- Awarded the **first place** in IIT Bombay's Freshmen Band Competition - **Freshiezza** (September 2015)
- Secured **third place** in IIT Bombay's Music General Championship - **Goonj** (February 2016)

Miscellaneous

- Part of the **contingent of 12 students** selected from India to attend the renowned **Seeds of Peace International Camp** in Maine, USA (June 2012)
- Recipient of the prestigious **Hindustan Times Scholarship** along with 49 others selected from over 50,000 students all over Maharashtra (2010-11)
- Served as the **Head Boy** in school, leading a student council of **20+** members (2012-13)