

SWARNADEEP MANDAL

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Education

- **Indian Institute Of Technology, Kanpur**—Kanpur, Uttar Pradesh
Bachelor of Technology, Computer Science and Engineering: July 2011 - Current
- **Delhi Public School, Ranipur**—Haridwar, Uttarakhand
June 2001 - Mar 2015
 - XII Board Marks: 92.8%
 - X Board CGPA: 9.6/10.0

Academic Achievements

- Secured a percentile of 98.7 out of 1,500,000 students appearing for JEE Main 2015.
- Secured a percentile of 96.8 out of 150,000 students appearing for JEE Advanced 2015.
- National Talent Search(NTS) Scholar, organised by NCERT, govt. of India - 2010.
- Kishore Vaigyanik Protsahan Yojna(KVPY) fellow, Dept. of Science and Technology, govt. of India - 2015.
- Secured State top 1% in National Standard Examination in Physics(NSEP) 2014-15.

Programming Achievements

- Qualified for ACM ICPC (International Collegiate Programming Contest) Amritapuri Regionals 2016 and Chennai Regionals 2016 securing rank 46 among 2925 teams. Team name: *LalCheetah*
- Secured rank 25 in ACM ICPC Chennai Regionals 2016 and rank 50 in Amritapuri Regionals 2016. Also selected to participate in ACM ICPC India Finals 2016. Team name: *LalCheetah*
- Cleared Zonal Informatics Olympiad(ZIO) and selected for Indian National Informatics Olympiad(INMO), 2013.
- Rating of 8187 in the long contests on *Codechef*. Handle: *doublegamer26*
- Rated 1403 (Cyan) in *Codeforces*. Handle: *doublegamer26*

Courses Undertaken

- **Computer Science and Mathematics**
 - Introduction to Computing, Linear Algebra and Ordinary differential Equations, Analytical Calculus, Discrete Mathematics, Abstract Algebra, Logic for Computer Science, Computer Organization*, Data Structures and Algorithms*, Data Probability and Statistics*, Computer Lab I*.
- **Others**
 - Introduction to Electronics, Introduction to Electrical Engineering, Electrodynamics, Mechanics, Art of Video Making, Introduction to Psychology*.

*: To be completed in May 2017

Technical Skills

- **Programming Languages:**
 - C++(expert), C(expert)
 - Familiar with Java, Haskell, Python, C#
- **Tools and Utilities:**
 - HTML, CSS, Sublime Text, Devcpp, Git, Vim, Gedit, L^AT_EX, Notepad++, Visual Studio
- **Operating Systems:**
 - Linux (Ubuntu, Debian, Fedora, CentOS), Windows XP/Vista/7, OS X

Positions of Responsibility

- **Secretary, Programming Club, IIT Kanpur, April 2016-present**
 - Part of a 20 member team comprising of programming fanatics dedicated to increase the coding culture in the campus by organising various coding contests, hackathons, workshops and lecture series for the campus residents.
 - Organized Freshers' Programming Contest, setting and testing algorithmic questions.
 - Organized beginner level programming workshops for students.
- **Senator, BT/BS Y15, Students' Senate, IIT Kanpur, March 2016-present**
 - One of the six elected student representatives of the UG batch of 2015 in the Students' Senate, IIT Kanpur.
 - Responsible for attending the meeting of the Students' Senate, IIT Kanpur, the highest policy-making and legislative body of the Students' Gymkhana, IIT Kanpur and making minutes for the same.
- **Academic Mentor, Counselling Service, IIT Kanpur, April 2016-present**
 - Responsible for mentoring over 400 students to help them in learning *Fundamentals of Computing* by taking remedial classes, making questions, and clearing doubts raised by them.
 - Personally mentoring students facing academic difficulties on a one-to-one basis, and helping them in avoiding academic termination.
- **Student Guide, Counselling Service, IIT Kanpur, April 2016-present**
 - Helping 3 students adjust to the rigours of college life, by providing emotional support along with counseling.
 - Assisted in the Orientation Programme '16 for the incoming batch.

Miscellaneous

- Participated in State Table Tennis Championship in 2009 and 2010.
- Participated and secured 3rd place in State Basketball Championship, 2014.
- **Languages Known**
 - **English:** Full professional Proficiency
 - **Hindi:** Native or Bilingual Proficiency
 - **Bengali:** Native or Bilingual Proficiency