

# SWARNADEEP MANDAL

169, Hall-2, IIT Kanpur, Uttar Pradesh

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## Education

Year	Degree	Institution(Board)	CGPA/%
2015-present	BTech CSE	Indian Institute of Technology, Kanpur	6.4/10
2013-2015	XII	Delhi Public School, Ranipur	92.80%
2001-2013	X	Delhi Public School, Ranipur	9.6/10

## 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 8860 in the long contests on Codechef. Handle: *doublegamer26*

## Relevant Courses Undertaken

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\*, Probability and Statistics\*, Computer Lab I\*.

\*: 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,  $\LaTeX$ , Notepad++, Visual Studio
- Operating Systems:**
  - Linux (Ubuntu, Debian, Fedora, Cent OS), Windows XP/Vista/7, OS X

## Positions of Responsibility

- Secretary, Programming Club, IIT Kanpur, April 2016-present**
  - Part of a 20 member team to increase the coding culture in the campus
- 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.
- Academic Mentor, Counselling Service, IIT Kanpur, April 2016-present**
  - Responsible for mentoring students of fresh undergraduate batch with the course *Fundamentals of Computing*.
- 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.

## Miscellaneous

- Participated in State Table Tennis Championship in 2009 and 2010.
- Participated and secured 3<sup>rd</sup> place in State Basketball Championship, 2014.