

Abhinandan Shukla

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Mathematics and Scientific Computing
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ACADEMIC QUALIFICATIONS

Year	Degree	Institute	CPI/%
2014-Present	B.S,Mathematics and Scientific Computing	IIT Kanpur	8.6/10
2014	AISSCE(Class XII CBSE Board)	D.P.S Kalyanpur,Kanpur	94%
2012	AISSCE(Class X CBSE Board)	D.P.S Kalyanpur,Kanpur	10/10

SCHOLASTIC ACHIEVEMENTS

- Secured **All India Rank 861** in **IIT-JEE(Advanced) 2014** among **1.4 billion aspirants**.
- Secured **Rank 5** in **UPSEE-2014** among more than **183,000 candidates**.
- Among the **top 300 students** who qualified for **Indian National Chemistry Olympiad(INChO)** and **Indian National Physics Olympiad(INPhO)** and awarded with the **Certificate of Merit in INChO** in the year 2013.
- Scored **100% marks** in **Mathematics** in Class XII CBSE Board Exam.
- Selected for the prestigious **INSPIRE Scholarship** for the year 2014-2015 and 2015-2016.
- Secured **International Rank-96** in **IMO 2012** and **International Rank-213** in **NSO 2012**.

WORK EXPERIENCE

FITSO, Web Development Intern

May 16- July 16

- Worked in a fast paced start up environment on PHP, HTML, CSS, JS and MySQL.
- Revamped the blog and website completely. Created pages for coaches, story, team and contact.
- Modified some other pages, like the activity page by displaying the splits data from the backend.
- Created different Email templates and Email sender functions.
- Created a separate section on the fitness experts page to show tracking history of the user.

PROJECTS

- **2D Replicator**, Course Project Jan 16- Apr 16
 - Created a mechanical machine to copy and reproduce any 2D shape on thermocol with double dimensions using various process like turning, milling, lathe etc.
 - Were awarded **Second Best Project** amongst **60 Projects**.
- **Transformers Car**, Course Project Aug 15- Nov 15
 - Manufactured a truck cum robot using various manufacturing processes like welding,brazing,sheet metal,casting etc.
 - The truck could be transformed into a standing robot by moving its components and converting them into arms,head etc.
 - Were awarded **Second Best Project** amongst **16 Projects**.
- **City News**, Microsoft Code.Fun.Do Sep 15
 - Created a news app in 24 hours using Visual Studio,Microsoft Azure service and XAML.
 - The app delivered news to its users based on the filters provided by them like place, topic, date etc.
- **Electromania**, ECDC, Techkriti Mar 15
 - Created a hand held game playing device on a self created 8x8 LED Matrix with the help of atmega 16 microprocessor
 - Qualified amongst the top 8 team across all batches and colleges.

TECHNICAL SKILLS

- **Languages:** C, C++,PHP,HTML,CSS,JavaScript,MySQL,JAVA*,Python*
- **Tools/Hardwares:** Git, OpenCV, \LaTeX , Atmega, Arduino

POSITIONS OF RESPONSIBILITY

Core Team Academics, Counselling Service

Mar 16- Present

- Part of a 9 member team responsible for managing remedial lectures, mentor allotment and other academics related issues.
- Managing a team of 100+ Academic Mentors to help and guide academically troubled students.
- Responsible for assisting and guiding academically weak students.

Academic Mentor, Counselling Service

Apr 15- Apr 16

- Helped the freshmen batch academically in the subjects MTH101 and MTH102.
- Took Doubt Clearing Sessions, Remedial Classes and did individual mentoring for academically deficient students

Student Guide, Counselling Service

Apr 15- Apr 16

- Guided and mentored 6 freshmen students and ensured their smooth induction into the campus by providing them emotional and academic assistance.
- Helped in organizing the Orientation Program for the incoming batch of 830 students.

Principal Security Officer, Udghosh 2015

Oct 15

- Worked in a 4-Tier Security Team and managed the security arrangements of various events and shows of Udghosh.
- Lead a team of 14 students consisting of 2 SSO and 12 SO and together helped in smooth organization of all the events.

RELEVANT COURSEWORK

Data Structure and Algorithms	Probability and Statistics	Linear Algebra
Introduction to Computing	Real Analysis	Abstract Algebra
Introduction to Cognitive Science	Introduction to Electronics	Mathematical Logic
Multivariable Calculus	Introduction to Psychology	Engineering Graphics
Manufacturing Processes	Ordinary Differential Equations	Introduction to Mechanics
Electrodynamics	Introduction to Chemistry	Introduction to Biology

EXTRA CURRICULAR ACTIVITIES

- Participated in Badminton in the fresher's and overall annual Inferno- Inter Hostel Sports Competition 2015.
- Part of the winning team in Hindi Sahitya Sabha and participated in events like Gupchup, Tark, Bas Ek Pal in Galaxy'15.
- Participated in Electromania in Takneek- Inter Hostel Science and Technology Competitions 2014.
- Involved in Taekwondo for a year as Compulsory Physical Activity.