



S.Dinesh Kumar
Mechanical Engineering
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1301ME39
UG Third Year (B.Tech.)
Male
DOB:22 Nov 1995

Examination	Board	Institute	Year	CPI / %
Graduation	Central	IIT Patna	2015	8.32
Intermediate/+2	CBSE	Maharishi Vidya Mandir	2013	96.2
10th	CBSE	Chettinad Vidyashram	2011	8.6

- Secured **All India Rank-4870** in JEE-Advance among 1.5 Lakh students. (2013)
- Have a **CPI of 8.32** on 10 after 4 semesters.
- Secured **All India Rank-3066** and **State Rank-181** in JEE-Mains (2013)
among 13 Lakh candidates.

ACADEMIC PROJECTS:

Unified Wheel Opener

Guide : Prof. S.S Panda

- Consists of bevel gears and shafts.
- Mechanism involving transmission of power through gears.
- Used to simultaneously open all the nuts in a wheel.

HPVC(Human Powered Vehicle Challenge) [Ongoing]

Guide : Prof. Mayank Tiwari

- Manufacturing of fast and efficient human powered vehicle for the HPVC competition.

Manufactured a Hydraulic lifting arm in 1st semester.

SOFTWARE SKILLS:

- Programming : C, C++ , Java Basics.
- Other Utilities : MS-Office, Autocad , Matlab
- Operating Systems : Linux, Windows

WORK EXPERIENCE

- Undergone an inplant training in a Railway Workshop(Golden Rock Railway Workshop,Trichy).

EXTRA-CURRICULAR ACTIVITIES:

- Member of ASME and active participant in SCME(Student club of Mechanical Engineers of IIT-Patna)
- Organised and participated in gaming events in Anwesha(cultural and technical fest of IIT-Patna)
- Good player of table tennis and can solve a 3 x 3 rubicks cube in under 90 seconds.

COURSES:

Core:

- Engineering Mechanics
- Thermodynaics
- Fluid Mechanics I & II
- Advanced Solid Mechanics
- Mechanical Workshop
- Kinematics of Machinery(Ongoing)
- Heat and Mass Transfer(Ongoing)

Breadth:

- Calculus
- Differential Equations
- Linear Algebra
- Numerical analysis
- Object oriented programming
- Micro and Macro Economics

PERSONAL INFORMATION:

- Father's name: K.Shanmugam.
- Mother's name: S.Chitra
- Address: Room no:734,A-Block,Boys Hostel,IIT PATNA,Bihta,Patna.
- Permanant Address: No:129/2,Pidariyar Koil Street,Broadway,
Chennai – 600 001.
Tamil Nadu
- E-mail: s.dinesh.me13@iitp.ac.in
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DECLARATION:

I hereby declare that all the information given above is true to the best of my knowledge.

Date:28-09-2015

Place:Patna