



Divya Garg

UG 3rd year, Chemical Science & Technology (B.Tech)

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Current Address: Flat 704, Block B2(Girls Hostel), IIT Patna, Bihta, Bihar, 801103.

Permanent Address: Manish Garg, Near Ramlila Ground, Kot East, Sambhal, U.P, 244302.

Education

Examination	Institute	Year	CPI / %
UG	Indian Institute of Technology Patna (IIT Patna)	2013–2017	7.76
Intermediate(class 12 th)	Shiv Jyoti Convent School,Kota (C.B.S.E)	2011–2012	84.6%
Matriculation(class 10 th)	Bal vidya Mandir Senior Secondary School,Sambhal (C.B.S.E)	2009–2010	9.2

Objective

I am looking for an internship opportunity in an academic Institution or Industry to gain research experience and also keen to contribute positively through the internship

Areas of Interest

Photochemistry, Catalysis and Synthesis of Compounds, Fluid Mechanics, Thermodynamics, Industrial Application of Chemistry, Process Control.

Projects

Line Follower Robot (August,2014–Septemberr,2014)

- Made an autonomous LFR without using Microcontroller.
- Used Motor driver IC and other electronic components.
- Potential use in transporting items in an industry, showing direction in emergency in hospital.

Non-Newtonian Fluid (October,2014–November,2014)

- Studied non-newtonian fluids and their change in properties with time and shear stress. Also studied the application of non-newtonian fluid in daily life.

Development of Water Quality Measurement Device (February, 2015–April, 2015)

- Study Chemodosimeter
- Ion detection in water
- Measurement using Electrode setup

Measurement of soil fertility (Ongoing project)

- To develop a device which will test the percentage of essential chemicals required for the development of crops. On this basis giving suggestions of fertilizer to be used.

Technical Skills:

- Synthesis and characterization of organic and inorganic compounds and silver nanoparticles, protein estimation
- Various chemical Engineering analytical tools
- Programming Language : C, Java.
- Application Software: MATLAB, AUTO-CAD, Arduino, Origin.
- Operating System: Windows, Linux.

Scholastic Achievements:

- Currently holding 5th position in chemical Science and Technology batch.
- Secured 5383 rank in IIT-JEE, the most prestigious undergraduate level exam in India, out of 10 lakh student.
- Awarded Merit-Cum-Means Scholarship by IIT-Patna based on the academic performance during the academic year (2014-2015).
- Secured 2nd position in high school in class 10th of batch strength of 200.
- Secured 1st position in Line Follower, technical event under Sparkonics (Electrical club) during our annual technical fest CELESTA'14.
- Secured 1st position in Connectridge in Anwasha'15(Techno-cultural fest of IIT Patna).

Extra-Curricular Activities:

- Elected as Sports Secretary of girls hostel IIT Patna, academic year 2015-2016.
- Represented IIT Patna at the Inter-IIT sports meet in basketball & athletics
- Played for team ICBL in which the college won runner up trophy.
- Founding member of "The Threshold Club(Chemical club of IIT Patna)".
- Successfully organized Blog-Blast(online blogging event), Chemoswitch, Science Exhibition, during our techno-cultural fest Anwasha'15.
- I am an active member of the cultural club of IIT Patna. And also participated in VARCHASVA'13 at IIM-LUCKNOW.

Declaration:

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

Divya Garg

IIT Patna