

**Priyam Bajpai**  
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Master of Technology (2016-2018)  
Production Engineering (Mechanical Department)  
Motilal Nehru National Institute of Engineering (NIT) Allahabad  
Cgpa: 8.7



Bachelor of Technology (2011-15)  
Mechanical Engineering  
Indian Institute of Information Technology (IIIT), Jabalpur  
Cgpa: 7.6



Intermediate (XII)  
ISC (89.75 %)  
Matriculation (X)  
ICSE (91.75 %)

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## **OBJECTIVE**

I seek for a career in a work environment where I can implement and enhance my technical, communicative, leadership and creative skills to achieve personal and organizational goals and be a benefit to the society.

## **AREAS OF INTERESTS**

Solid Mechanics, Theory of Machines, PowerPlant , Fluid Mechanics and Machinery, Heat Transfer

## **ACHIEVEMENTS / EXPERIENCE**

- Completed both B.Tech and M.Tech from Institutes of National Importance
- Recipient of Merit cum Means (MCM) Scholarship throughout B.Tech.
- Attempted Gate Exam, twice (Gate'16 AIR 2560 ; GATE '18 AIR 1917, Marks 71.89).
- Currently working as Maths Faculty in a reputed Coaching for IIT/NEET in Kanpur and also for Chegg India as Mechanical Engineering SME (Subject Matter Expert) (part time).
- Good Basics in Mechanical Engineering and solid knowledge on complete syllabus for Gate and ESE. I have also been preparing for ESE after completing Masters, which has further helped to improve the knowledge on subjects of Mechanical Engineering (expecting ESE'19 prelims 198 marks, Mechanical Engg.).
- Teaching Experience gained in B.Tech for taking the tutorial classes for two years and awarded Letter of Appreciation.

## **B.Tech PROJECTS**

### **1. Design and Fabrication Project: Jan-April, 2014**

As a team of five members made an electric meter that could efficiently save electricity based on the mental model of a person. It converts the units of electricity used into equivalent money spent and involved a star rating system in which the electricity consumption of households within a society was rated and a demo website was prepared to that each household can see its rating.

### **2. NC Machining:** There were two segments to the projects:

- a) To generate the tool path using MATLAB using a new technique in which the centre line velocity of the tool was kept constant whereas the speed of point of contact of the tool and the work-piece was varied.
- b) Having a practical knowledge of working on Abrasive Water Jet Machine.

### **3 B.Tech Final Year Project: Aug-Nov, 2014**

Worked on a very promising field of 3-D Bio-Cad which involve the use of CAD knowledge to various Medical purposes as in Tissue/Scaffold Engineering. Bio-Cad provides the basic morphology, anatomy and organization of the to-be-replaced tissue. It involved basic C programming and 3D -modeling and analysis softwares.

## **M.Tech Thesis**

Selection and Evaluation of Third Party Logistics for CPFR(Collaborative Planning, Forecasting, and Replenishment, a Supply Chain Collaboration Technique). To fulfill the ultimate aim of CPFR with most effective and efficient Replenishment, logistics providers play a crucial role and should be involved in the Collaboration Process. Use of Fuzzy DEMATEL technique to obtain the optimum selection criteria based on fundamentals of CPFR. It involved an Internship at a well known organisation for better practical experience.

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## **SKILLS and CERTIFICATIONS**

- Branch 2<sup>nd</sup> Rank , M.Tech, MNNIT Allahabad.
- ZWCAD (2D Modeling), CATIA V20 (3D Modeling), ANSYS (Analysis And Simulation)
- Technical Fest Head and Managed Various Activity Clubs during Bachelors and Masters.
- Industrial Trainee at MARUTI SUZUKI Workshop, Jabalpur
- Participation Certificate of National Science Olympiad.
- Part of the College Cricket and Table Tennis Team., BTech , MTech (Gold Medal).
- Proficient in usage of MS Word, Excel and PowerPoint, Matlab.
- Proficient in English and Hindi.

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**Personel details :** Gender: Male

Hobbies: Sports, Painting

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