

**PREM PRAKASH NAYAK | 16CE10032**

CIVIL ENGINEERING (B. TECH)

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**EDUCATION**

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| --- | --- | --- | --- |
| **Year** | **Degree/Exam** | **Institute** | **CGPA/ %** |
| 2020 | B. Tech | IIT Kharagpur | 6.45 / 10 |
| 2015 | XII (Gujarat Board) | SHREE GATTU VIDYALAYA | 80.3 % |
| 2013 | X (Gujarat Board) | SHREE GATTU VIDYALAYA | 86% |

**COURSEWORK INFORMATION**

• Transportation Engineering • Hydraulics •Structural Analysis • Water Resources Engineering • Surveying •Solid Mechanics

• Programming and Data Structure • Transform calculus • Basic Electronics • Probability and Statistics • Engineering Drawings and Computer Graphics

**AWARDS AND ACHIEVEMENTS**

• Ranked in top 1% among 1.86 lakhs appeared in IIT Joint Entrance Exam (Mains and Advanced) 2016

**Rural Highway Location and Design|Project | IIT Kharagpur                             August 2017-September 2107**

  • Worked under Prof. Sudeshna Mitra in field traffic engineering on

  • Developed 2 significantly different alternative routes given the profile of a 1 km rural expanse

 • Chose the optimal route after considering various design criteria and measure of performance

**Spot speed test|Group Project | IIT Kharagpur                                                 July 2017-August 2017**

  • Worked in a team of four members under the Prof. Sudeshna Mitra to formulate the report.

 • Learnt many concepts of traffic engineering and terms used in it, importance of 85th percentile speed practically.

 • Learnt many others technical skills and  presentations skills.

**SKILLS AND EXPERTISE**

**Programming Languages:** C , C++,Python(basic)

**Software:** MS Excel, MS Word, Solid Works, MATLAB

**Skills:**HTML,CSS,PHP,MY SQL,AJAX, Front End Web development

**POSITIONS OF RESPONSIBILITY**  
 **Megalith IIT Kharagpur | Associate member                                                                             August 2016 – March 2017**

• Megalith is the annual festival of the Department of Civil Engineering, Indian Institute Of Technology, Kharagpur.

• Worked with 25 other associate team members to manage the logistics part for smooth and efficient conduction of fest.

• Managed an accommodation of around 1200 students of nearby campuses, helping them provide an easy stay in

  campus.

• Actively participated in promotional and advertising activities of the fest, through both offline and social media.

**Megalith IIT Kharagpur | Core Team Member                                                                         July 2017 -- April 2018**

• Megalith is the annual festival of the Department of Civil Engineering, Indian Institute Of Technology,Kharagpur under the

aegis of the Civil Engineering Society. Since its initiation in 2009, Megalith has conquered a huge success in the field of engineering

and corporate sector and has grown as largest civil engineering Technical Fest of India.

• Member of the Apex body that led a team of 18 Core Members, 20 Associate Members and 80+ crew members.I am one of the 3

Member responsible for official website handling and its development. I have been working in front end development of web pages

and Registration portals.

• Having worked as a Core team member in Megalith and I have the experience of publicity and event management and still continuing

my position there. I love to work under deadlines and always committed to complete a task in stipulated time. I am always ready to

take responsibilities in whatsoever task is given.

**Website** : <http://www.megalith.co.in>

EXTRA

• I was part of NSS unit 1 of IIT kharagpur and Attended 5 days winter camp for social service at villages located in the vicinity

of town.