

# OmPrakash Chaurasia

Linked in: <https://www.linkedin.com/pub/om-prakash-chaurasia/a2/372/75> |  
om.me12@iitp.ac.in | omprakashchaurasia.chaurasia@gmail.com | +91-947.245.7719

## EDUCATION

### INDIAN INSTITUTE OF

### TECHNOLOGY,PATNA

### B.TECH IN COMPUTER SCIENCE & ENGINEERING

Graduating May 2016 | Patna, Bihar  
Current CPI: 9.15

### St. Michael's Senior Secondary School INTERMEDIATE(CBSE) IN SCIENCE

Graduated May 2012 | Satna,  
Madhya Pradesh  
Aggregate : 88 %

### St. Michael's Senior Secondary School MATRICULATION(CBSE) IN SCIENCE

Graduated May 2010 | Satna,  
Madhya Pradesh  
CGPA : 9.4

## SKILLS

### PROGRAMMING

• C • Java • Python • PHP • MySQL  
• Shell Scripting • PERL • AWK  
• Android Programming • HTML • CSS

### ALGORITHMIC

• Graph Algorithms • Sorting algorithms and analysis • shortest paths • string matching • dynamic programming

### FAMILIAR

• Operating system concepts • Linux • Oracle  
• MIPS , ARM and X86 architecture

## CODING BACKGROUND

• Regular participant in Hacker Rank  
• Participated in NJACK Coder of the month

## TOPICS OF INTEREST

• DATA STRUCTURES  
• ALGORITHM ANALYSIS  
• DIGITAL ELECTRONIC CIRCUITS  
• MATHEMATICS

## DEVELOPMENT PROJECTS

### Email Harvester

December 2013 | IIT Patna, Bihar

- Scraped out E-mail address, Facebook url, Twitter url from **Blogger.com, Google search pages** after verifying their **correctness** using **python**
- Successful implementation , recording **100 Facebook, 100 Twitter, 150 email address**

### Crime Hotspot Detection

May 2014 | IIT Patna, Bihar

- Identification of a particular crime from number of crimes using **Structured crime classification**
- Enacted it using **AMOS** Algorithm

## ACADEMIC PROJECTS

### 4 Bit Processor

April 2014 | IIT Patna, Bihar

- Conceptualised and developed it like **modern CPU** consisting of **Register Bank** , **Timing register** (works as clock), **RAM**, **Program counter**
- implemented in hard-wired circuitry, performing **Load Immediate** into register, **Load from and Store into Memory** and **ALU operations** such as **ADD** , **SUBTRACT** , **AND**

### Mess Management System

March 2014 | IIT Patna, Bihar

- Offered full fledged control to **Mess Managers** and **secretary**
- **Online polls** for deciding the mess menu, **Complain box**, Recording and displaying **Feedback of users** on daily basis

## ACADEMIC ACHIEVEMENTS

- **SPI 9.24 , 8.57 , 9.33 , 9.45** in first, second, third and fourth semester respectively
- Secured **4<sup>th</sup> position** in Branch 2013
- Category Rank **2202** in OBC in **IIT-JEE** 2012
- **All India Rank (OBC) 1603** , **State (Gen) 650** and Category **63** in **AIEEE** 2012
- Rank **3913** in **BITSAT** 2012
- Rank **24** in **MPPET** State Engineering Entrance Examination 2012

## AWARDS

- **2<sup>nd</sup> position** in **Sequentia** event of Celesta 2012
- **2<sup>nd</sup> position** in **ELECTRO-QUIZ** event of Celesta 2012

## HOBBIES

- CODING
- SOLVING IQ PUZZLES & QUESTIONS
- CRICKET
- READING NOVELS