

RACHIT RANJAN

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EDUCATION

Indian Institute of Technology,Patna

Bachelor of Technology in Metallurgical and Materials Engineering

2021-2025 (Expected)

Shivam International School,Fatua,Patna

Percentage - 92.4%

Senior Secondary,CBSE

2018-2020

Shivam International School,Fatua,Patna

Percentage - 89.8%

10th,CBSE

Passing Year : 2018

SKILLS

Technical Skills : Machine Learning,Deep Learning,Data Science,Web Scraping,C++,
Python,NLP,HTML,CSS,JavaScript,MongoDB,NodeJS,Canva

Soft Skills : Time management,problem-solving,leadership(Class Representative and
DAPC Member),Event Management (has organized many departmental
Meets and parties).

PROJECTS

- **PERSONAL PORFOLIO WEBSITE (WEB DEVELOPMENT)**

Built a personal Portfolio website using HTML,CSS,JavaScript having all important informations including CV,Photo,Contact>About and Projects.

- **CROP RECOMMENDATION MODEL (MACHINE LEARNING)**

Built a machine learning algorithm that can predict the appropriate crop according to the specified Conditions of Temperature,Humitidy,Rainfall,P,K,N constitution in soil.

- **SPAM EMAIL CLASSIFICATION (MACHINE LEARNING,NLP)**

Trained a model which can classify the emails as ham or spam according to the content in it.

LEADERSHIP /EXPERIENCE

- **Sub Coordinator,SYAHI(THE LITERARY CLUB OF IIT PATNA)**

Serving as the sub coordinator of the SYAHI which is the official literary club of IIT PATNA for 1 year.

- **CLASS REPRESENTATIVE OF METALLURGICAL AND MATERIALS ENGINEERING 2021-25 BATCH**

(January 2022- Present)

- **DAPC (Department Academic Program Committee) Member**

(August 2022 – Present)

- **Coordinator of Events Committee ,Materials Engineering Society (MatES)**

Coordinated in organizing many guest lectures.Also,coordinated in a quiz and exhibition conducted by MatES for the students of schools of Patna.

EXTRA-CURRICULAR ACTIVITIES

.Performed hindi poetry in Inter IIT Cult Meet'23.Also,participated in many other literary events.

. Stood 1st in the hindi story writing competition organized in Anwasha'23.

• Served as a volunteer in many fests of IIT Patna including Anwasha'23,Reverberance'22 ,Prom night'23,etc