

Aditya Kumar Yadav

M.Tech (Industrial and Management Engineering)

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[GitHub Profile](#)

EDUCATION :

YEAR	QUALIFICATION	EDUCATIONAL INSTITUTION	%/CPI
2022 - Present	M.Tech Industrial and Management Engineering	Indian Institute of Technology, Kanpur	
2016-2020	B.Tech Mechanical Engineering	Indian Institute of Technology, Palakkad	7.78 CPI
2016	Higher Secondary Education UP Board	K M H S Talimabad, Maharajganj	90 %
2014	Secondary Education UP Board	M C I C Pakadiyar, Maharajganj	80.66 %

KEY PROJECTS:

Rainfall Prediction (Self Project)

[GitHub Link](#)

- Used random forest algorithm to train the model for rainfall prediction. Data consists of collection of numerical radar features collected in one hour. Training data was taken in between April to November 2013 and test data was from 2014.

Research Paper Annotation (Self Project)

[GitHub Link](#)

- Used logistic regression and naïve bayes to tag sentences in research paper. This way, a user looking for the paper can easily identify the part he/she is interested. Dataset consists of sentence taken from different sources where each sentence was classified in 5 classes.

Prediction of surface roughness of the components machined on Lathe using Artificial Neural Network

(B Tech. Project IIT Palakkad)

- Created a model in Matlab which can predict the surface roughness of the components machined by Lathe machine.
- Used Artificial Neural Network to train the model.

COURSEWORK AND SKILLS:

Relevant Courses	Probability & Statistics Introduction to Computing – JAVA Operation Research for Management Data Mining and Knowledge Discovery Industrial and Management Engineering
Technical Skills	Data Structures and Algorithms JAVA Python Power BI MS Excel MS PowerPoint

ACHIEVEMENTS & CERTIFICATIONS:

- Secured AIR-12 in GATE NM-2022 .
- Qualified JEE Advanced and JEE Mains 2016.

HOBBIES:

Playing Cricket | Playing Badminton | Travelling