

# Sachin Pawar

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## ACADEMIC DETAILS

Education	Institute	Year	CGPA / %
<b>Dual Degree:</b> B.Tech. in Mining Engineering M.Tech. in Financial Engineering	IIT Kharagpur	2017-Till Date	8.57/10(Current Dept. Rank is 3rd)
Class XII: Maharashtra State Board	Mahatma Phule High School,Nanded	2014-2016	77.69%
Class X: Maharashtra State Board	Yeshwant College,Nanded	Passed in 2014	95.80%

## MAJOR PROJECTS

- **RT-GSOM: Rough Tolerance Growing Self-Organizing Map for large scale mixed attributes datasets**  
(Research Project)  
(IIT Kharagpur, Dec'18 - present)
  - Applied **Rough Tolerance Theory in Normal G-SOM** to deal with vagueness and uncertainty in datasets.
  - Used **Python** Language to implement the codes.

## AWARDS AND ACHIEVEMENTS

- **Open IIT Data Analytics Competition:**  
(IIT Kharagpur, Secured Bronze)
  - Deduce interpretation from the analyzed data to device Inventory Management Strategy to maximize profit and increase sales.
  - Platform used: R and MS-Excel
- **Open IIT Case Study Competition:**  
(IIT Kharagpur, Secured Silver)
  - Identifying the opportunities and limitations of the startup
  - Analyzing financial projections and marketing strategies.
  - Platform used: MS-Powerpoint and MS-Excel

## TECHNICAL SKILLS

- **Languages:** C, C++, Python, R Programming, Octave
- **Libraries and Tools:** Tensorflow, Octave
- **Field of Interest:** Finance, Artificial Intelligence, Machine Learning.

## RELEVANT COURSES

- **Machine Learning:** (Andrew NG, Coursera )Mathematics behind the Machine Learning models.
- **Python for Data Science:** Data science packages such as Pandas, Matplotlib and Numpy
- **Artificial Neural Networks**
- **Data structure and Algorithms**
- **Probability & Statistics**

## EXTRA CURRICULAR ACTIVITIES

- Participated in **Inter-hall Dramatics.**
- Participated in **Inter-hall Dancing Competition.**
- Participated in **OPEN IIT Singing competition.**

