NAME: Rishabh Kumar Srivastva

**Personal Information:**



**SAP ID:** 52108159

**Date of Joining:** 28th July, 2022

**Base Location:** Noida SEZ, Sector 126, UP

**State of Origin:** Bihar

**Linked In Profile: -** [linkedin.com/in/rishabh-kumar-srivastva-08228a178](https://www.linkedin.com/in/rishabh-kumar-srivastva-08228a178)

**Academic Information:**

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| --- | --- | --- | --- | --- |
| **Qualification** | **Degree** | **Branch/Specialization** | **Institute Name** | **Year of Passing** |
| **Under Graduation** | B.E. | Mechanical | Siddaganga Institute of Technology | 2017 |
| **Post-Graduation** | M.E. | Manufacturing Systems Engineering | BITS, Pilani (Pilani Campus) | 2022 |

**Skills:**

**Tools :** Jupyter Notebook, Excel

**Programming Languages:** Python (Basic) , M.L. (undergoing)

**Certifications:** Percipio for Python(Undergoing)

**Research/Technical Papers Presented:**

#### Title: Three Body Abrasive Wear Behavior of Al-8011 alloy Reinforced with Graphite and Red Mud Particulates. Journal name : IJSEM, vol 2, Issue 2 , February 2017

Description: –

In this research work Aluminum-Red mud particulates (AL – RMp) & aluminum – graphite particulates (Al-Grp) reinforced composites were synthesized by traditional stir- casting Technique. The reinforcement was varied from 4wt% to 20wt% in steps of 4wt%. The composites thus prepared were subjected to 3 body abrasive wear Test as per ASTM-G65 standard with three different loads of 10kg, 20kg and 30kg. The test was conducted for three different time periods of 10 min, 20min and 30 min, and there hardness and wear resistance were calculated and trend was observed.

**PROJECT DISSERTATION DETAILS**

#### Project Name: Hyper Intelligent Automation Platform Report – Final year M.E. project, June, 2022.

Description: –

* It is a comprehensive view on the critical role of automation within the enterprise growth story and how modern-day platforms are responding to this ever-increasing demand for Hyper Intelligent Automation.
* This report also talks about HIA, its benefits, the challenges organizations face while implementing it, popular use cases, and industry’s first comprehensive assessment of multiple RPA/HIA platforms and specialist players.
* Automation Anywhere and UIPath emerged as the overall Leaders in the Hyper Intelligent Automation field.

Project Name: **Predictive Modelling for Turning Operation using Support Vector Machining** – M.E. College Project, December 2022.

Description: -

We have developed a Machine Learning Algorithm to predict and classify the metal removal

rate (M.R.R.) for the given material based on the given parameters such as Cutting Speed,

Feed, Depth of Cut, etc. The M.R.R. of more than 380 mm^3/sec was desired and hence

classified as a ‘FIT’ or ‘label = 1’ and a M.R.R. of less than 380 mm^3/sec was undesired and

hence classified as ‘UNFIT’ or ‘label = 0’. Two models (Linear and Non-Linear Kernel) were

prepared using S.V.M. algorithms on Python and their accuracies were evaluated using test

data.

**Area of Interest/Aspiration:**

**Project Assignments:**

Data Science, AI/ML, Deep Learning

**Technical Paper Presentation:**

Paper to be presented in the field of ML/DL.

**Professional Experience:**

#### Project Name:

Duration:

Description: