



**Rahul Vilas Mahajan**  
Assistant Professor  
Mechanical Engineering  
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## **PRESENT POSITION**

Currently working as Assistant Professor in Mechanical Engineering Department at Govt College of Engineering, Nagpur (M.S) from September 2024 till date

## **EDUCATION**

|   |      |
|---|------|
| Completed secondary education from MSBSHSE with 76.93 % marks                     | 2002 |
| Completed higher secondary education from MSBSHSE with 79.83 % marks              | 2004 |
| Completed BE Mechanical from SGB Amravati university with aggregate 69.45 % marks | 2008 |
| Completed M. Tech CAD/CAM from RTM Nagpur university with CGPA 8.65               | 2013 |

## **OTHER ACHIEVEMENTS**

- Qualified GATE 2008 with score 309
- Qualified GATE 2012 with score 410
- Qualified GATE 2014 with score 635

## **WORK EXPERIENCE**

Worked as 'Assistant professor' in Jawaharlal Darda Institute of engineering & Technology Yavatmal for 29/06/2013 to 31/05/2014.

Worked as 'Junior Engineer' in Maharashtra state power generation company ltd (MAHAGENCO). From 23-06-2010 to 23-04-2012

Worked as Assistant professor in Mechanical Engineering Department at SKN Sinhgad Institute of Technology & Science, Lonavala from 05/06/2014 to 12/06/2027

Worked as 'Assistant professor' in Government College of Engineering, Jalgaon from 19/06/2017 to 06/10/2020

Worked as 'Assistant professor' in Government College of Engineering, Yavatmal from 07/10/2020 to 09/09/2024

Presently working at Government College of Engineering, Nagpur from 10/09/2024 till date.

## **RESEARCH PAPERS PUBLISHED**

Rahul V Mahajan, Durvesh V Dandekar, "Analysis Of Deflection Of Beam Using Finite Element Method And Approximate Analytical Methods - a Comparative Study" International conference on recent innovations in engineering (iCRIE-16) held at HIT, Nidasoshi, 8-9 october 2016

Rahul V Mahajan, Durvesh V Dandekar, "Finite Element Approach to Evaluate Strain Energy Absorbed by Specimen in Tensile Test" International Journal For Engineering Applications And Technology,SKNSITS\_RTME - 2016, pp 86-89,ISSN 2321-8134.

Rahul Mahajan, Rizawankhan Saudagar, "A Review of Stratified Charged SI Engines" International Journal of Research in Advent Technology, Vol.3, No.3, March 2015 E-ISSN: 2321-9637

R.V.Mahajan, P.R.Bodade "Product Development in Agile Manufacturing", International Journal of Engineering Trends and Technology (IJETT) –ISSN: 2231-5381 Volume 4 Issue 8- August 2013

Rahul. V. Mahajan ,S.T. Bagde "Palletizing Systems for Integrated Manufacturing Plants", International Journal of Engineering Research & Technology (IJERT), ISSN: 2278-0181, Vol. 2 Issue 2, February-2013

Rahul. V. Mahajan , S. T. Bagde "Development of low cost Palletizing cell for handling different carton sizes", International Journal of Emerging Technology and Advanced Engineering Website: www.ijetae.com (ISSN 2250-2459, Volume 2, Issue 10, October 2012)

## **PATENTS RECEIVED**

MULTIPOINT PESTICIDE SPRAYER – Design no : 416572-001 dtd 11/05/2024

AUTOMATIC SUN VISOR FOR VEHICLES – Design no : 416964-001 dtd 15/05/2024

## **BOOKS PUBLISHED**

"Introductory Scilab for Engineers"- Sai Jyoti Publication, Nagpur, ISBN – 978-81-19931-01-9

## **AREA OF INTEREST**

1. CAD/CAM
2. CIM
3. FEA
4. NUMERICAL METHODS USING COMPUTER PROGRAMMING

## **SOFTWARE SKILLS**

1. Solid Edge
2. PTC Creo
3. ANSYS

## **PROGRAMMING LANGUAGES**

1. C
2. SCILAB
3. Python
4. Julia

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