

# RESUME



## RAWOOL SWAPNEEL DATTAKUMAR

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### CAREER OBJECTIVE

To pursue a challenging career and be part of a progressive organization that gives scope to enhance my knowledge, skills and to reach the pinnacle in the research field with sheer determination, dedication and hard work.

### EDUCATIONAL QUALIFICATION

Qualification	Year	College	Board/University	Percentage	Specialization
M.Tech.	July 2014	V.J.T.I. Mumbai	Autonomous	8.70 CGPA	Mechanical Engineering Specialization in Automobile
B.E.	May 2010	R.M.C.E.T. Ratnagiri	Mumbai University	73.69%	Automobile
H.S.C.	June 2006	R.P.D.Jr. college	Maharashtra (Kolhapur)	73.83%	Science
S.S.C.	June 2004	R.P.D.	Maharashtra (Kolhapur)	83.6%	

### ACADEMIC EXPERIENCE

- Working as Assistant Professor in the department of Automobile Engineering at RMCET, Ratnagiri From 01/08/2014 to till date.
- Worked as a Visiting Lecturer in the department of Mechanical Engineering at MMTM, Oros(From November, 2013 to June 2014)( 8 Months)
- Worked as a Lecturer in the department of Automobile Engineering at RMCET, Ratnagiri From 13/09/2011 to 06/07/2012 (10 months)

### SUBJECT TAUGHT

1. Engineering Mechanics
2. Thermodynamics
3. Finite Element Analysis
4. CAD/CAM
5. Mechatronics
6. Internal Combustion Engine
7. Chassis Body Engineering
8. Machine Design
9. Vehicle Safety
10. AdvancebDesign of Machine Element
11. Heat and Mass Transfer
12. Fluid Mechanics II ( Civil)
13. Production Process- I
14. Autotronics
15. Production Process
16. Vehicle Body Engineering and Safety
17. Vehicle Safety

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**KEY RESPONSIBILITIES HANDLED:**

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- Conducting lectures and preparing the material for undergraduate students.
- Convener of Entrepreneur Development Cell and IIC.
- Member of University Syllabus Setting committee.
- Worked as a university level paper setter.
- Cultural Incharge for the year 2022-23.
- Departmental Project Coordinator, Alumni Incharge, NSS Incharge.
- NAAC Departmental Coordinator.
- Member of College level admission committee.
- Faculty Advisor of Team Chhatrapati.
- Worked as a Junior reviewer for CTRD conference 2K16 held in RMCET.
- In-charge of Autotrendz (Student organization) Committee.
- Departmental MOU in-charge(Established MOU with Prolific, Pune and Milestone PLM, Pune )
- Departmental In-charge of Parents-Teachers Association.
- In-charge of Vehicle System Lab and Autotronics lab.
- Head of Technical Section in College Magazine Committee.
- Editor of Departmental News Letter.
- In-charge of Autotrendz Timeline (Wall Magazine)
- Worked with a different committees at college level related to Aarohan, Scintilla etc.
- Worked as departmental Feedback in-charge, UT in-charge.

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**COMPUTER PROFERMCY**

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|---------------------|--------------|
| • Ansys 14.5        | • Revit 2014 |
| • Autodesk Inventor | • C, C++     |

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**PUBLICATION**

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1. Publish a paper on “F.E.A. based Simulation of Frictional Heating Processes” IJEDR 2014, Volume 2, Issue 1, ISSN: 2321-9939.
2. Publish a paper on “Finite Element based analysis of Friction Stir Welding process using Ansys APDL” in IJEDR 2016, Volume 4, Issue 1, ISSN: 2321-9939
3. Publish a paper on “Structural Analysis of Bolero Maxi-Truck Chassis using ANSYS 14.5” in IJRST April 2016, Volume 2, Issue 11, ISSN: 2349-6010
4. Publish a paper on “Review on Engine Decarburization Process” in IJRST October 2016, Volume 3, Issue 05, ISSN: 2349-6010
5. Publish a paper on “Review on Thermal Analysis of Disc Brake” in IJRST April 2017, Volume 3, Issue 11, ISSN: 2349-6010
6. Publish a paper on “Thermal Analysis of Disc Brake” in IJRST May 2017, Volume 3, Issue 11, ISSN: 2349-6010
7. Attended a conference CTRD 2K16 in RMCET.

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**ACHIEVEMENTS**

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- Delivered a session as a resource person to the participants of one week online faculty development program on "Electric Vehicles- The Future Technology" From 7th Feb. To 12 Feb. 2022, Organised by Department of Automobile Engineering, Ashokrao Mane Polytechnic, Vathar tarf Vadgaon.
- Gold medalist in Mumbai University 2010.
- Best Teacher award for the year 2016-17.
- Attended Syllabus Revision meeting for UG Automobile CBCGS 2016-17 and set syllabus for Autotronics and Vehicle Body Engineering and Safety Subject.

## **STTP/INTERNSHIP**

- Attended one week FDP on “Advances in Electric Vehicle Industry” held from 14/11/2022 to 18/11/2022 organized by SPCOE, Mumbai from
- Completed UGC-Approved Professional Development Programme on “Implementation of NEP-2020 for University and College Teachers” and Obtained “B” Grade held from 27/10/2022 to 05/11/2022 organized by IGNOU, New Delhi and UGC, Delhi.
- Participated in the one week Faculty Development Program on, “Practical Aspects of ICT Tools and Online Teaching in Current Scenario”, from 19<sup>th</sup> August to 25<sup>th</sup> August 2022 organized by Research Foundation of India, RFI-CARE and Arena Animation.
- Attended 1 week AICTE approved STTP on “Design, Validation and Case Studies of Machine Elements using ANSYS/SOLIDWORKS” at SJCEM, Palghar from 3<sup>rd</sup> to 7<sup>th</sup> July 2017.
- Attended One week training program on “Advance Mechatronics Systems” at RMCET, Ambav from 15<sup>th</sup> to 18<sup>th</sup> March, 2016.
- Attended 1 week AICTE approved STTP on “Industrial Tribology” at VJTI, Mumbai from 7<sup>th</sup> to 11<sup>th</sup> December 2015.
- Attended 1 week STTP on “Finite Element Analysis Using ANSYS 15.0” in January 2015 (RMCET).
- Attended 100 hrs Internship program on “Advance Automobile Technologies” arrange by “Experts Hub Chennai” in June 2013.
- Attended 1 week STTP on “ANSYS” in December 2011 (RMCET).

## **PROJECT:**

FEA Based Simulation of Frictional heating Process.

Company: Vaftsy, CAE Pune

Objective: To conduct thermal to structural coupled analysis for Friction Stir Welding Process.

## **SOFT SKILLS**

- Attained 40 hrs. of soft skill training certified by **Simence PLM**

## **VALUES OFFERED**

- Positive attitude
- Quick learner
- Hard Working

## **PERSONAL DETAILS**

Date of Birth	:	1 <sup>st</sup> April 1988
Father's name	:	Rawool Dattakumar Babu
Mother's name	:	Rawool Deepa Dattakumar
Linguistic Abilities:		English, Hindi, Marathi.

## **DECLARATION:**

I hereby declare that the above mentioned information is precise and appropriate as per my knowledge.

(RAWOOL SWAPNEEL DATTAKUMAR)