

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. Chassis Body Engineering
5. Mechatronics
6. Machine Design
7. Advance Design of Machine Element
8. Heat and Mass Transfer
9. Fluid Mechanics II (Civil)
10. Production Process- I
11. Autotronics

KEY RESPONSIBILITIES HANDLED:

- Conducting lectures and preparing the material for undergraduate students.
- Member of University Syllabus review committee.
- Departmental In-charge of NAAC criteria VI.
- Member of College level admission committee.
- Faculty Advisor of Team Chhatrapati.
- Worked as a Junior reviewer for CTRD conference 2K16 held in RM CET.
- 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 Chassis Body Engineering 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.

COMPUTER PROFERMCY

- Ansys 14.5
- Catia
- Pro-E 4.0
- Revit 2014
- C, C++

PUBLICATION

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 IJIRST April 2016, Volume 2, Issue 11, ISSN: 2349-6010
4. Publish a paper on “Review on Engine Decarburization Process” in IJIRST October 2016, Volume 3, Issue 05, ISSN: 2349-6010
5. Publish a paper on “Review on Thermal Analysis of Disc Brake” in IJIRST April 2017, Volume 3, Issue 11, ISSN: 2349-6010
6. Publish a paper on “Thermal Analysis of Disc Brake” in IJIRST May 2017, Volume 3, Issue 11, ISSN: 2349-6010
7. Attended a conference CTRD 2K16 in RM CET.

ACHIEVEMENTS

- 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 Subject.

STTP/INTERNSHIP

- Attended 1 week AICTE approved STTP on “Design, Validation and Case Studies of Machine Elements using ANSYS/SOLIDWORKS” at SJCEM, Palghar from 3rd to 7th July 2017.
- Attended One week training program on “Advance Mechatronics Systems” at RM CET, Ambav from 15th to 18th March, 2016.
- Attended 1 week AICTE approved STTP on “Industrial Tribology” at VJTI, Mumbai from 7th to 11th 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

Age	:	30 years
Date of Birth	:	1 st 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)