



KARAN SANTOSH PARTE

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CAREER OBJECTIVES

To work in a firm with a professional work driven environment where I can utilize and apply my knowledge, skills which would enable me as a fresh graduate to grow while fulfilling organizational goals.

EDUCATION DETAILS

Course	College/Institute	Board/University	Year of Passing	CGPA/Percentage %
Bachelor of Mechanical Engineering	Pillai HOC College of Engineering and Technology, Rasayani	University of Mumbai	2018	6.5 (CGPA)
H.S.C	WILSON COLLEGE	H.S.C	2014	66.15%
S.S.C	S.B.V. KELGHAR	S.S.C	2012	86.36%

SKILLS

- ✓ Dedication
- ✓ Perseverance
- ✓ Positive person
- ✓ Ability to work under pressure

MY FINAL YEAR PROJECTS

“Optimization of leaf spring using composite material ”

- ✓ Composite materials are the combination of two or more constituent materials which have different chemical and physical properties but after combination produce a material with different characteristics than individual. The composite material has the number of characteristic properties like low weight, high temperature performance, high stiffness, high Strength, high hardness and conductivity and good corrosion resistance .In this leaf spring was analysed by using composite Materials (glass fibre/Epoxy composite, Carbon fibre/Epoxy and Steel) and got better results in comparison with the conventional leaf spring. Leaf spring was analysed by using composite Material in ANSYS 15.0 and compared it with the results of conventional leaf spring.
- ✓ A comparative study has been made between composite leaf spring and conventional leaf spring with respect to stress and deflection. By employing a composite leaf spring for the same load carrying capacity, there is 10-20% reduction in weight which results in more fuel efficiency and improved riding qualities. So composite is a good replacement for steel for multi leaf springs.

EXTRA CURRICULAR ACTIVITIES

- ✓ Completed Solid Works course in college.
- ✓ Completed AutoCAD course in college.
- ✓ Participated in National Cart Racing Competition 2018,Bhopal.
- ✓ Passed inter mediate drawing exam.
- ✓ Passed MSCIT.
- ✓ Passed scholarship exam from Pune board.
- ✓ Played final in inter classes cricket tournament in Wilson college

STRENGTHS

- ✓ Sincerity towards my work, confidence in my capabilities and the willingness to work hard helps me in achieving my goals.
- ✓ Good verbal and written communication skills.
- ✓ Optimistic and dedicated.
- ✓ Good Team Player and Keen Learner.
- ✓ Dedicated, disciplined and believe in teamwork.
- ✓ Committed to deadlines and schedules.

PERSONAL DETAILS

Date of Birth : 29th may 1996

Nationality : Indian.

Gender : Male

Marital Status : Unmarried

Languages Known : Marathi, Hindi and English.

Interests : Sports, Drawing, Sketching, listening to music
Watching movies, gymnasium.

3

DECLARATION:

I hereby declare that all the above details are true to the best of my knowledge and belief.

DATE

KARAN PARTE