

CURRICULUM VITAE

Mr. SANGAM SUBHASH RANE (ME Machine Design)

sangam.rss@gmail.com, 09421924417.

CAREER OBJECTIVE:-

To work for an organization which would permit me to attain goals and objectives set for itself and through them my own, by giving me the opportunity to learn and grow simultaneously within the organization.

Skilled in Various Fields:

- Having Knowledge of **CATIA, Creo, AutoCAD, Autodesk Inventor, Solidworks** and **ANSYS software**. Conducted workshops on Solidworks and ANSYS.
- Knowledge of **FluidSim** Hydraulic and Pneumatic software.
- Knowledge of **PLC Programming Language** Ex. Festo CodeSys, ABB and Mitsubishi PLC software.
- Handled final year mechanical project based on Design using various simulation tools.
- Knowledge of **Arduino microcontroller programming** and handled the Arduino based Final Year Project.

INDUSTRIAL EXPERIENCE:-

AUTOMOBILE CORPORATION OF GOA LTD. Sattari, Goa (Jan, 2011 to Sept 2011)

- It is a Bus Body Building and sheet metal pressing company.
- Working in the Design & Development Department as a graduate trainee engineer.
- Member of a team handling new projects and regular models.

GOA AUTO ACCESSORIES LTD. Honda, Sattari, Goa (Dec, 2009 to Dec, 2010)

- Company has three unit Machine shop, Press shop and Bus Body division.
- Making gear shifter shaft for TATA Motors. Supplying Side, Roof and Floor structure to Automobile Corporation of Goa Ltd.
- Worked in the Machine shop and Bus Body division.
- Handled documentation related to transaction and audit.

AUTO HANGER PVT. LTD. Andheri, Mumbai. (Feb, 2009 to June, 2009)

- It is a Honda four wheeler service station.
- Worked as service advisor.

TEACHING EXPERIENCE:-

- Working as Asst. Prof. in St. John College of Engineering and Management, Palghar. (From July 2015 onwards)
- H J THIM TRUST'S Theem College of Engineering, Boisar. (From July 2013 to July 2015)
- SINDHUDURG SHIKSHAN PRASARAK MANDAL'S College of Engineering. kankavli. (Sept, 2011 to June, 2013)

SUBJECT TAUGHT:-

Machine Design based	Engineering Mechanics Strength of Materials, Theory of Machines, Mechanical Vibration, Machine Design II Design of Mechanical System Finite Element Analysis
Drawing Based	Engineering Drawing Computer Aided Machine Drawing,
Automation Based	Mechatronics

MASTER DEGREE PROJECT:-

“Optimization of Natural Frequency of Beam by Using Cylindrical Grooves,”

Project is divided into two parts, first is experimental study of the effect of grooves or notches on natural frequency at various areas and second is its validation using the CAE tool ANSYS®.

RESEARCH PAPER PUBLISHED:-

Sangam S. Rane, Sachin S. Mestry, V. Murali Mohan, 2017, *“Optimization of Natural Frequency of Beam by Using Cylindrical Grooves,” International Journal of Latest Engineering Research and Applications (IJLERA) ISSN: 2455-7137, Volume – 02, Issue – 05, May – 2017*

MECHANICAL FINAL YEAR PROJECT GUIDED:-

1. Design & Development of Automated Psuedobridge.
2. Design & Development of Segway.
3. Automatic Car Parking System.
4. Design & Fabrication of Automatic Drain Cleaner.

PERSONAL PROFILE:-

Name : Sangam Subhash Rane.
 Tel no. : 09421924417.
 Date of Birth : 4th July 1987.
 Sex : Male.
 Marital Status : Married.
 Languages Known : Marathi, Hindi & English.
 Hobbies : Playing Harmonium and Violin, Listening music.
 Residential address : B – 101, C3 Building, Eco – E – Dencity.
 Dandipada, Boisar(E), Tal - Palghar. 401501.

EDUCATIONAL QULIFICATIONS:-

Examination	Specialization	School/College	Board/University	Year of passing	%
M.E.	Machine Design (Mechanical)	Finolex Academy Management & Technology (Ratnagiri)	Mumbai University	2013 - 17	7.14
B.E.	Automobile Engineering	Rajendra Mane College of Engg. & Technology (Ratnagiri)	Mumbai University	2004-08	69.04
H. S. C	Science + Mathematics	R M Bhat Jr College Mumbai	Maharashtra	2003-04	66.16
S. S. C	S.S.C	Milagris Highschool, Sawantwadi	Maharashtra	2001-02	59.06

DECLARATION:

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Boisar.

(SANGAM SUBHASH RANE)