

RESUME

U.T.VINOTHRAJ,

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CAREER OBJECTIVE:

To work, learn and grow as a reputed person in the organization I work for, within a few years of service with my hard work and dedication and by using my professional & technical skills for the growth.

WORK EXPERIENCE:

- Dhirajlal Gandhi institute of technology (2016 – Present)
 - Working as Assistant Professor in mechanical department.
 - Subjects handled in Design of Transmission system, Engineering Graphics, Basic civil and mechanical engineering, computer integrated manufacturing, computer aided machine drawing laboratory, CAD/CAM laboratory.
 - Worked as Placement coordinator in mechanical department.
- CARE School of Engineering (2016 – 2019)
 - Working as Assistant Professor in mechanical department.
 - Subjects handled in Computer Aided Design, Design of Machine Elements, Design of Transmission system, Simulation and Analysis laboratory.
 - Worked as Placement coordinator, Hostel warden and class coordinator.
 - Organized a workshop on Catia V5 and Weldment Analysis.
 - Produced 95% university result in Design of Transmission system.
 - Produced 94% university result in Production planning and control.
- Prime Engineering Works (2015 – 2016)
 - Worked as a Design engineer
 - Manufacturing of pressure vessels, storage tanks and trailer trucks. Manufacturing of plate bending machines and Shaping machines
 - Reconditioning of petrochemical plant valves like ball valve, gate valve, globe valve, etc.
- Firoze Fabricators (2012 – 2013)
 - Worked as an Engineer with the specializations in Erection and commissioning of Engineering and petrochemical equipments like power boilers, columns, condensers, heat exchangers and connected lines and pumps.
 - Had a wide study of design and drawings of the systems.

ACADEMIC QUALIFICATION:

M.E in Engineering Design - with GATE score (2015)

Government college of Technology, Coimbatore, Tamilnadu with CGPA-7.47

B.E in Mechanical Engineering (2012)

KGISL Institute of Technology, Coimbatore, Tamilnadu with CGPA-7.08

PROJECT PROFILE:

M.E. Project

Title : **Study of mechanical properties of linear low density polyethylene composites**

Description : The research in the study is on natural based composite materials which are used for wide variety of applications with properties that are comparable to existing synthetic composites. These technologies offer a way of light weighting and high strength of automotive components. In the view of fuel economy, the natural fiber is given extreme output.

B.E. Project

Title : **Diaphragm Forming Pick and Place (Automation).**

Description : In this project we developed a pneumatic device which is used to pick and place the diaphragm from the hydraulic press and to the press. The pneumatic system is designed by using the functions of PLC. This system is designed mainly to reduce the time consumption and to protect the operator from damage. The manufacturing of the diaphragm by using pneumatic system will produce more pieces when compared with the manual method.

TECHNICAL SKILL:

Designing Software's : Auto cad, Pro-E, Solid works, ANSYS.

Area of interest : Machine Design, Computer aided Design.

Certificate course : Computer hardware and maintenance.

TECHNICAL ACTIVITIES:

- Qualified in **GATE**.
- Published a journal on “**Modal Analysis for the Design of Glass/ Epoxy Hollow Shaft for Misalignments**” in IJLTET publications.
- Presented a paper presentation in Adithya institute of technology, Coimbatore.
- Organized a workshop on “What is Metrology”.
- Attended a workshop on “**Diesel Engine**” conducted by Kubota.
- Attended a workshop on “**Recent Development in IC Engine and Alternative Fuels**” at Ramakrishna College of engineering, Coimbatore.
- Attended a workshop on “**Digital Twin Technology**” conducted by Thagarajar college of engineering, Madurai.
- Attended a Faculty Development Program on “**Design of Transmission System**” conducted by Velammal college of Engineering and Technology.

- Attended a workshop on “5 S & KAIZEN” conducted by CII.
- Attended in plant training in ‘SALEM STEEL PLANT’.
- Attended in plant training in ‘METTUR THERMAL POWER STATION’.
- Participated a Training programme on “Instructional Design and Delivery System” conducted by NITTTR Chennai.

EXTRA CURRICULAR:

- Participated in state level chess tournament representing our college.
- An active NSS volunteer.
- Active member of Indian Welding Society(IWS).
- Coordinated “5S Principles” quality techniques in mechanical department.

PRIMARY SKILLS:

- Fast Learner
- Good Team player
- Hard worker

PERSONAL DETAILS:

Name : U.T.Vinothraj
DOB : 08.06.1991
Nationality : Indian
Gender : Male
Marital Status : Unmarried
Languages known : English, Tamil.

DECLARATION:

I hereby declare that above shared information is true to the best of my knowledge.

Place: Salem

yours truly,

(U.T.Vinothraj)