**CURRICULUM VITAE**

**SravantheeSreeramoju**

Flat no.101, SreeRamachandra Towers,

Kukatpally,                            **E-mail :Sravanthee2@gmail.com**

Hyderabad – 85.**Mobile : +91-9396616198**

**CAREER OBJECTIVE:** To gain professional expertise through teaching experience with the overall personality development in order to face the challenges ahead .To get a suitable position in your esteemed organization where my knowledge and skills are put to test in a challenging atmosphere.

**STRENGTHS & ABILITIES:**

* Setting and meeting deadlines
* Ability to grasp, team-working skills, easily adaptable to working environment.
* Self-motivated, quick learner with good analytical skills and multidirectional thinking.

**EDUCATIONAL QUALIFICATIONS:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  **Examination** | **Discipline/****Specialization** | **School/****College** | **Board /****University** | **Year of** **Passing** |  **%** |
| Ph.D | Mechanical Engineering | JNTUH UCEH | JNTUH | Pursuing |  |
| M.E. | Advanced Design and Manufacturing | Vasavi College of Engineering | Osmania University | 2012 | 79.5 |
| B .E. | Mechanical Engineering | DeccanCollege of Engg& Tech, Hyderabad. | OsmaniaUniversity. | 2007 | 70.5 |
| Intermediate | Science+ Maths stream | Narayana Jr. College, HYD. | A .P . State | 2003 | 82.2 |
| S .S .C . | S .S .C . | DilsukhnagarPublic School, HYD. | A .P . State | 2001 | 82.8 |

 **ACHIEVEMENTS**:

* Stood**first** in M.E. and received merit certificate from Vasavi College of Engg.
* Won top 5% rank in NPTEL online certification course on Manufacturing Process Technology

**EXPERIENCE:**

Working in JNTUHCEH from 01/09/2012.

**WORKSHOPS, FDPs, STCs and NPTEL Courses Attended:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Course | 30 days Master Class on EV Design | Pantech | Online  | 2 Feb to 3 Mar, 2022 |
| FDP | Application of Artificial Intelligence and Machine Learning in Mechanical Engineering | MVSR Engg College | Online | 18-23 Oct 2021 |
| STC | Hybrid Vehicle Technology | TEQIP III | JNTUHCEH | 11-13 Feb 2021 |
| Webinar  | Laws of thermodynamics and their applications | TEQIP III | JNTUHCEH | 8-10 Feb 2021 |
| FDP | Recent developments in mechanical engineering (rdme-2020) | KITS Warangal | Online | 7-11 July2020 |
| FDP | Advancements in mechanical engineering | GATES Institute of Technology | Online | 4-7-2020 to 10-7-2020 |
| FDP | Advanced materials and manufacturing | KITS Warangal | Online | 29-6 to 3-7-2020 |
| FDP | Research Opportunities in Image Processing and Machine Learning | CBIT(A) | Online | 29 June to 03 July 2020 |
| FDP | A National level online technical FDP on Electric vehicles | VJIT | Online | 11 to 15 June 2020. |
| FDP | Application of cad tools in drawing courses | Geethanjali College of Engg and Technology | Online | 9-13 June 2020 |
| Webinar | English skills for engineering students and faculty | MBITS, ASAP- TCS | Online | 28-30 June 2020 |
| FDP | Perspectives of online teaching and learning | GRIET | Online | 08 - 13 June 2020 |
| FDP | Emerging research areas in mechanical engineering | CMR Technical Campus | Online | 29/06/2020 to 03/07/2020 |
| FDP | Research Methodology and IPR | UGC – HRDC | JNTUH | 5-9 Aug 2019 |
| Workshop | Transfer enhancement and energy conservation technologies | TEQIP III | JNTUHCEH | 29-11-2019  |
| Course | Manufacturing Process Technology | NPTEL | Online | Jan-Apr 2019 |
| Workshop | Realizing objectives with project management skills | UIIC | JNTUH | 5-1-2019 |
| Workshop | MATLAB applications in mechanical engineering | TEQIP III | JNTUHCEH | 13-15 May 2019 |
| Workshop | 3D Printer Technology and its fabrication | - | IST, JNTUH | 15-16 Mar 2019 |
| Symposium | A symposium on emerging technologies | Awareness in Action | JNTUH | 23-02-2018 |
| Symposium | A symposium on emerging technologies and manufacturing industries | Awareness in Action | JNTUH | 5-05-2018 |
| Workshop | NBA Accreditation(SAR Filling and Preparedness for Assessment) | UGC HRD | JNTUH | 14-16 Dec 2017 |
| Workshop | Solidworks Software | JNTU and Logical Solutions Limited | JNTUHCEH | 28 Jan to 2 Feb, 2013 |

**COORDINATED:**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| STC | 30 Day Electric Vehicle Design Master Class | Pantech e learning | Online | 2-2-2022 to 4-3-2022 |

**CONFERENCES:**

Presented a technical paper on “Bio engineering and Biofuels”,National Students Conference, ISTE Students Chapter, 27,28 Feb 2012.

**INDUSTRIAL VISITS:**

* H. M. T. (Hindustan Machine Tools)
* Many other small scale industries like **Preto**.

**PROJECT PROFILE**:

**Project 1: MODAL ANALYSIS OF A PETROL TANKER CHASSIS USING ANSYS 9.0**

**Project 2: MODELING OF PNEUMATIC PRESSURE REGULATOR USING PRO/E WILDFIRE 2.0**

**DESCRIPTION FOR PROJECT 1:**

The method of Finite Element Analysis is used to estimate various stresses, strains, deflections, member forces and life for a given type of element and material properties under different working loads using ANSYS 9.0 as FEM tool.  The working loads include Cabin load, Petrol load and Tanker load. All the above estimations are made for varying petrol loads.

**TECHNICAL SKILLS:**

**Mechanical Softwares:** AutoCAD, Solid Works, ANSYS, CATIA, CNC, IRONCAD, PRO/E.

**Languages:**        C, C++

**SUBJECTS TAUGHT AT UG LEVEL:**

Engineering Mechanics

Applied Mechanics

Engineering Graphics

Engineering Workshop Theory

Machine Drawing

Production Drawing

Operations Research

Design of Machine Members I

Dynamics of Machines

CAD/CAM

Machine Tools and Metrology

Unconventional Machining Processes

Theory of Metal Cutting

**SUBJECTS TAUGHT AT PG LEVEL:**

Composite Materials

Advanced Mechanics of Solids

Advanced Machine Design

Advanced Tool Design

Experimental Stress Analysis

Design for Manufacture and Assembly

Production and Operations Management

**LABORATORIES DEALT AT UG LEVEL:**

Engineering Workshop

Production Technology

Instrumentation and Control Systems

Kinematics and Dynamics

Metrology and Inspection

Machine Tools and Metrology

Computational Mathematics

**LABORATORIES DEALT AT PG LEVEL:**

Kinematics and Dynamics

Advanced Computer Aided Design and Analysis

Material Testing and Characterization

**PERSONAL PROFILE:**

Name                :  SravantheeSreeramoju

Father’s Name  :  S ChiranjeevaRao

Mother’s Name :S Kusuma

Gender:              : Female

Marital Status   : Single

Nationality        : Indian

Date Of Birth    : 28 Aug 1986

Languages known : Telugu, English and Hindi.

**DECLARATION:** I hereby declare that the above written particulars are true to the best of my knowledge and belief.

**SRAVANTHEE S**

**ASSISTANT PROFESSOR(C)**

**DEPARTMENT OF MECHANICAL ENGINEERING JNTUHUCEH**