

NAVEEN KOMMURI

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OBJECTIVE

Multidisciplinary engineer with excellent problem solving and critical thinking abilities, seeks hands on experience within a company that embraces creativity and innovation. Through my studies, I have gained extensive knowledge of production and manufacturing engineering, product design, among many other components of Mechanical Engineering. Effective communicator who builds positive, cohesive relationship with all level of staff, eager to put my engineering knowledge to practical, applied use.

EDUCATION

Bachelor of Technology in Mechanical Engineering Koneru Lakshmaiah University, Guntur. CGPA : 9.12/10	2014 - 2018
AISSCE, CBSE, Class XII Kendriya Vidyalaya No.1, Nausenabaugh, Visakhapatnam, 85.6%	2012 - 2014
AISSE, CBSE, Class X Kendriya Vidyalaya No.1, Nausenabaugh, Visakhapatnam, CGPA : 9.6/10	2010 - 2012

SKILLS AND INTERESTS

Skills	Production and Manufacturing Engineering,
Interests	Mechanical Part Design, Quality Control and Assurance, Flexible and Unconventional Manufacturing Systems, Metallurgy and Material Sciences.
Design Software	Autocad, ProE, SolidWorks, Catia, ANSYS, HyperWorks.
Platforms	MS Office, C.

PROJECTS

Mathematical Modeling of a Mechanical Vibration System and Solutions using Numerical Methods,
September 2017 - Ongoing
Major Project

- A beneficial solution for the problems face by tractor and truck drivers.
- Vibrational modelling and optimization of vehicle components using differential equations.
- Providing solutions for the differential equations using numerical methods.
- Improve Driver comfort and reduce fatigue.
- Reduce the chance of getting affected by any orthopedic irregularities .

Friction Stir Welding of High Strength materials: Tool holder development, May 2017 - July 2017
Internship project

- An Industrial Defined Project in collaboration with Institute for Plasma Research, Gujarat.
- Development and optimization of machine tools for advanced technologies.
- Development of manufacturing technology for usage in Plasma and Nuclear reactors.
- Probing the possible alternative solutions of potential welding techniques.
- Direct involvement in Space Applications Center, ISRO, Ahmedabad.

INTERNSHIP/TRAININGS

Summer Internship Institution for Plasma Research, Gujarat.	May 2017- July 2017
Summer Internship, Visakhapatnam Steel Plant, RINL	June 2016 - July 2016

POSITION OF RESPONSIBILITY

Head of Drafting department, KLU - MESA.	August 2016 - continuing
Coordinator and Wing Coordinator in national level technical fest YANTRIK.	2016 and 2017
Organizer and Coordinator in national technical fest SAMYAK.	2016 and 2017
School Sports Captain in Class XII	April 2013 - March 2014

EXTRA-CIRRICULAR ACTIVITIES

Hosted and participated in YANTRIK.	2016 and 2017
Hosted and participated in SAMYAK.	2016 and 2017
Participated in International Conference on Recent Advances in Composite Materials.	February 2017
Participated in Student Led Design Challenge, ASME in CBIT, Hyderabad	October 2015
Attended workshops on Catia, Hyperworks and SolidWorks	September 2015
Achieved an All India percentile of 86.9 in National Creativity Aptitude Test.	March 2015
Won Bronze medal in Kendriya Vidyalaya Sangathan, National Sports meet in Table Tennis	October 2013