



THILAK RAJ KUMAR K



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OBJECTIVE

To have a growth oriented and challenging career, where I can contribute my skills and knowledge to the organization and enhance my experience through continuous learning and hard work.



EDUCATION

Course	Institution	Grade	Year of passing
B.E – Mechanical Engineering	College of Engineering Guindy, Anna University	7.36 CGPA	2016-2020
Higher Secondary Education(12 th)	Ideal Higher Secondary School, Erode	97%	2014-2015
Secondary Education(10 th)	Parivallal Matriculation Higher Secondary School, Sivaganga	97.80%	2012-2015



SKILLS

- Basics of AUTOCAD
- Basics of JAVA
- Excellent Communication skills



ACHIEVEMENTS

- Presented a paper on Boilers at 'Pinnacle' Symposium.
- Internship at 'Ashok Leyland' for 15 days.
- In-plant Training at 'TVS SRICHAKRA' for 7days.
- Organized and Co-ordinated one of the renowned Symposium events 'Pinnacle', as a workshop coordinator of Mechanical Department CEG.
- Worked as part of the Alcatraz team in Kurukshetra, a National level Techfest of Anna University.



EXTRA CURRICULAR

- Got **Best NSS Volunteer Award** in Independence Day 2018.
- **Joint secretary** in National Service Scheme.
- Organized an event **ARAM SEI** a signature event of NSS UNIT-7.



PROJECT

- **EXHAUST WASTE HEAT RECOVERY FOR BIOMASS TO BIOFUEL CONVERSION**

Description: The exhaust waste heat from IC engines collected in copper tubes and then they are allowed to pass into the reactor, where the biomass is placed and after few minutes, the steam is collected through a tube and they are allowed to pass into the condenser for condensing action and after it, the biofuel is collected in the container and it can be used as fuel for the engines.

- **MECHANICAL AND TRIBOLOGICAL BEHAVIOUR OF ULTRA HIGH MOLECULAR WEIGHT POLYETHYLENE (UHMWPE)/CRAB SHELL PARTICLES (CSP) COMPOSITE FOR PLASTIC BEARING APPLICATIONS**

Description: The UHMWPE/CSP composite synthesised using injection moulding process. The structural analysis test, mechanical test and tribological test of UHMWPE/CSP composite done to analyse the behaviour of the sample.



PERSONAL DETAILS

- Father's Name : Mr. D. Kathiresan
- Mother's Name : Mrs. K. Jamuna
- Date of Birth : 27/10/1997
- Languages known : English, Tamil



DECLARATION

I hereby, declare that all the information provided, is my own and complete responsibility, and the facts stated above are true to the best of my knowledge.

Place: **Madurai**

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