

OMKAR HANKARE

Contact

Address

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Skills

Good learner

Teamwork

Analytical Skills

Problem Solving

Software

Ansys-Fluent

MATLAB

Auto-cad

Solid-Works

MS-CIT

Languages

English

Hindi

Marathi

High-energy Student Volunteer currently pursuing M.Tech in Heat-Power Engineering and prepared to contribute to organizational success while developing new skills and gaining real-world experience. Highly organized, responsible and well-versed in Ansys-Fluent. Positively impacts operations with top-notch communication and critical thinking skills.

Education

2019-08 -

Current

M.Tech: Heat-Power Engineering

Walchand College Of Engineering - Sangli

2014-08 - 2019-05

B.E.: Mechanical Engineering

Padmabhushan Vasantraodada Patil Institute Of Tech - Budhgaon, Sangli

Projects

M.TECH Project :

Title of the Dissertation: "Performance analysis shell and tube heat exchanger with perforated Baffle. "

Description:

1. Design and development of flow divider with perforated type baffles.
2. To study the effect of variables on the performance of heat exchanger.
3. To analyze the performance of heat exchanger.
4. Validate CFD result with experimentally result.

B.E. Projects:

Title of the project: Development of stirrer furnace & Investigation of effect of copper on aluminum.

Description: Design and prototype the stir furnace with sustainable temperature upto 1200°C. 600 gram aluminium melt in furnace & adding various quantities of copper powder in it. This mixture stir upto 5 minutes. Making the rod of the mixture & taking various tests.

Training

- High-Tech Sintered bush Pvt.Ltd. Sangli.
- Om Components And Systems Pvt. Ltd. Pune.

Extra-Curricular Activities

- Adviser of project mania event (2018-2019).
- Coordinator of Robo-Soccer event (2017).
- Member of ISHARE Kolhapur – Sangli
- Attained the workshop on 'Augmented Reality : An Industry 4.0 Initiative' in WCE Sangli on 16th November 2019.