

YAGYA KUMAR SAHU

Address:-

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PROFESSIONAL OBJECTIVE: -

"Seeking a position to utilize my skills and abilities in a challenging career with a long term prospect for developing technical abilities, while being resourceful, innovative and flexible."

ACADEMIC PROFILE: -

Exam/Degree	Institute	Board/Institute	Year	% Marks
M.Tech. (Thermal Engg.)	N.I.T Rourkela	N.I.T Rourkela	2014	9.05/10
B.E. (Mechanical Engg.)	SSCET Bhilai	CSVТУ Bhilai	2012	81.33 %
Higher Secondary	Govt. H. S. Kotmi	CGBSE Raipur	2008	87.80 %
High School	G.J.H.S. Baghoud	CGBSE Raipur	2006	86.50 %

PROJECT: -

- Study on the effective thermal conductivity of fiber reinforced composite material. (**M.Tech**)
- Fabrication of pick and place robotic arm using pneumatic cylinder. (**B.E**)

TRAINING:-

- Completed one month vocational training from *Monnet Ispat & Energy Limited*, Naharpali Raigarh.
- Completed one month industrial training from *Bhilai Steel Plant*.

EXTRACURRICULAR ACTIVITIES: -

- A five day MATLAB workshop on “*Computational Research Techniques in Design and Thermal Engineering*” organized by Department of Mechanical Engineering NIT Warangal, 2013.
- A one day workshop on “*Hydraulic System*” organized by BHI-HYD Engineers Bhilai at S.S.C.E.T. Bhilai, 2010..

LIST OF RESEARCH PUBLICATIONS: -

International Journal

1. **Yagya Kumar Sahu**, Alok Agrawal and Alok Satapathy. “Heat conduction behavior of short fiber reinforced polymer composites” *International Journal of Advanced Technology in Engineering and Science*, vol. no. 4, special issue no. 01, feb 2016.

2. **Yagya Kumar Sahu**, Johan Banjare, Alok Agrawal and Alok Satapathy. "Establishment of an analytical model to predict effective thermal conductivity of fiber reinforced polymer composites" *Int J Plast Technol*, 18(3):368–373, Dec 2014.
3. Johan Banjare. **Yagya Kumar Sahu**, Alok Agrawal and Alok Satapathy. "Physical and thermal characterization of red mud reinforced epoxy composites: An experimental investigation" *Procedia Materials Science*, 755 – 763, 2014.

International Conferences

1. Johan Banjare, **Yagya Kumar Sahu**, Alok Agrawal and Alok Satapathy. "Development of Mathematical Model to Evaluate Effective Thermal Conductivity of Particulate Filled Polymer Composites". *International conference Emerging Materials and Processes- 2014, CSIR-IMMT Bhubaneswar*.
2. **Yagya Kumar Sahu**, Johan Banjare, Alok Agrawal and Alok Satapathy. "Establishment of an analytical model to predict effective thermal conductivity of fiber reinforced polymer composites". *International Conference on Advancements in Polymeric Materials-2014, CIPET Bhubaneswar*.
3. Alok Agrawal, **Yagya Kumar Sahu**, Johan Banjare and Alok Satapathy." Epoxy Composites Filled with Micro-sized Al₂O₃ Particles for Microelectronic Applications". *International Conference on Functional Materials-2014, IIT Kharagpur*.

AREA OF INTREST:-

- Engineering Drawing, Thermodynamics, Engineering mechanics, Heat transfer

COMPUTER SKILL:-

- Gambit and fluent, MATLAB (Basic)

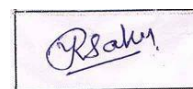
EXPERIENCCE:-

- Three years teaching experiance in NIT Raipur as a Contract Faculty from 04-08-2014 to 30-06-2017.

PERSONAL PROFILE:-

- Name : Yagya Kumar sahu
- Father's Name : Shri Bharat Lal Sahu
- Mother's Name : Smt. Droupadi Sahu
- Date of Birth : 05th april,1991
- Gender : Male
- Nationality : Indian
- Marital status : Single
- Languages known : English, Hindi

I hereby accept that the information given is true to the best of my knowledge and belief.



Date: 06-07-2022

Place: Bilaspur

(YAGYA KUMAR SAHU)