



Jyotin Kateshia

CONTACT DETAIL

Phone - 09428608004

Email - jyotinkateshia@gmail.com

Address - Block No 286/3, G-1 Type, Sector-19 Gandhingar.

LinkedIn - <https://www.linkedin.com/in/jyotin-kateshia-212b9279/>

Twitter - <https://twitter.com/JYOTINKATESHIA>

Facebook - <https://www.facebook.com/jyotin.kateshia>

EMPLOYEMENT

2014 - present

Assistant professor– Gandhinagar Institute of Technology

- ⇒ I have conducted classes, evaluated students, prepared teaching resources material, guided student and counselling and to assist students in Laboratory work.
- ⇒ I worked in the area of research as well as administrative duties as required by the Director/Head of Department.
- ⇒ Develop and execute test plans to measure thermal performance of various instrument in laboratories.
- ⇒ I have performed computations analysis and prepared presentation for institute.

EDUCATION

- ⇒ **2008 – 2012 Bachelor of Engineering– Mechanical Engineering, Gujarat Technological University**
- ⇒ Final Year Graduation Project: “Parametric study of design and technological development of wheel Flange using B profile with alternative material thereby improving its performance characteristics.”
- ⇒ **2012 – 2014 Master of technology–Thermal Engineering, Nirma University**
- ⇒ Final Year Post Graduation Project: “Investigations on Determining the Overall Heat Transfer Co-efficient of Building Materials using guarded hot box.” Technology Used: C, Fluent, Minitab 16, Tecplot 360. CFD analysis of Guarded Hot Box, to observe flow separation and position optimization of fan.
- ⇒ Develop and execute test plans to measure thermal performance in laboratories

SKILLS

- ⇒ **Problem Solving**
- ⇒ **Creativity**
- ⇒ **Communication Skills**
- ⇒ **Teamwork**
- ⇒ **Modeling software :**
PTC CREO
- ⇒ **Presentation Software :**
Prezi
- ⇒ **DOE Software :**
MINITAB 16
- ⇒ **Analysis Software:**
Fluent
- ⇒ **Programming Languages :** C
- ⇒ **Office Software :** Microsoft office ,Apache Open office

EDUCATION

- ⇒ 2015 – Pursuing Doctor of philosophy– Nirma University
- ⇒ My research topic is “AN EXPERIMENTAL INVESTIGATION ON SOLAR STILL”, By using Phase change material , output of still can be increased. Recently potable water is major issue of world. By Phase change material distilled output can be increased and my study also includes Exergy analysis and Economical analysis of Still.

RESEARCH PAPER

- ⇒ “CFD ANALYSIS AND POSITION OPTIMIZATION OF AIR CIRCULATING FAN INSIDE A GUARDED HOT BOX”. 5th International Conference on Fluid Mechanics and Fluid Power held At Indian Institute of Technology ,Kanpur,2014.
- ⇒ “INVESTIGATION ON EFFECT OF COCONUT HUSK AS AN INSULATION ON PRIMARY ENERGY AND CO2 EMISSIONS OF RESIDENTIAL BUILDINGS” Mr .Arpan Upadhyaya, Asst Prof. Harshal Ozab, Asst Prof. Jyotin Kateshiac, International Journal of Advance Engineering and Research Development (IJAERD) Volume-2, Issue-05 of

TRAINING

- ⇒ Internship at “Gujarat State Electricity Corporation limited”, Gandhinagar. Successfully optimized exergy analysis of GSECL Thermal Power plant and provide ample amount of energy saving opportunity to the authority.
- ⇒ Internship at “Hitachi home and life solution”, Hitachi Complex, Karan nagar at kadi, Dist. – Mahesana, Gujarat.

ACHIVEMENTS

- ⇒ Chair Person in a one day workshop on Fire and Safety
- ⇒ Event manager in Technical event in college for National Level Technical potential in 2010.
- ⇒ Successfully participated international level conference, Nuicone 2012.
- ⇒ Effectively participated in X-treme at LDRP and successfully got rank in top ten competition.
- ⇒ Successfully cleared drawing elementary and secondary examination.