



KIRUBAKARAN.B

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ACADEMIC QUALIFICATION

Course/Degree	Institution Name	Year of Passing
M.E(ENERGY)	College of engineering Guindy	2016
B.E(MECH)	University College of engineering Kanchipuram	2014
HSC	SRV Boys Hr Sec School, Rasipuram	2010
SSLC	SGMHS School, Thirukoilur	2008

GATE 2019: Marks: **47.56** Score: 495

PROFESSIONAL COURSES UNDERTAKEN:

Designation	: Advanced Solar Professional Course
Duration	: Aug 2019 to Feb 2020 (6 months)
Institute	: National Institute of Solar Energy (NISE), Gurgaon

PROFESSIONAL EXPERIENCE IN INSTITUTIONS

- Designation : Assistant Professor, Department of Mechanical Engineering
Duration : 01.07.2016 to 30.04.2018 (1yr 10 months)
Institute : Sri Lakshmi Ammal Engineering College, Tambaram
- Designation : Intern
Duration : Dec 2019 to Feb 2020
Institute : MCIND & PI BERLIN Solar PV Testing Lab, Ahmedabad
- Designation : Teaching Fellow
Duration : 23.03.2020 to Till Now
Institute : Institute for Energy Studies, CEG, Anna University, Chennai.

ACADEMIC PROJECT:

TITLE	VENUE	APPLICATION
Design of refrigerator using thermoelectric effect	CEG CAMPUS	Portable Refrigerator used for Vaccine storage
Increasing efficiency of the rotary kiln by design modification and heat treatment.	SAIL REFRACTORY COMPANY LIMITED SALEM	Increasing the quality and productivity of rotary kiln.
Design and fabrication of power generation in bicycle	UCEK CAMPUS	Power generation in bicycle using Piezoelectric transducer

SOFTWARES AND APPLICATIONS KNOWN TO HANDLE

- AUTO-CAD
- PRO-E
- ANSYS
- PV SYST
- HELIOSCOPE

SUBJECTS HANDLED

- MECHANICS OF MATERIALS
- HEAT AND MASS TRANSFER
- POWERPLANT ENGINEERING
- ADVANCED IC ENGINES
- GAS DYNAMICS AND JET PROPULSION
- THERMODYNAMICS
- THERMAL ENGINEERING
- ENGINEERING GRAPHICS
- SOLAR POWER PLANTS

LABORATORY HANDLED

- Thermal engineering Laboratory I
- Thermal engineering Laboratory II
- Computer aided design and drafting laboratory.

CONFERENCES ATTENDED

Attended and presented a paper titled DESIGN AND ANALYSIS OF THERMOELECTRIC REFRIGERATOR INCORPORATED WITH PHASE CHANGE MATERIAL at International Conference on Hybrid Energy Systems and Sustainability (ICHESS 2016) held at Saveetha Engineering College during April 6-8, 2016.

FDP ATTENDED

Attended FDP program on GE7152-ENGINEERING GRAPHICS held on Saveetha Engineering College during May 2017.

I do hereby declare that the particulars of information and facts stated here in above are true, correct and complete to the best of my knowledge.

Thanking You

Place : CHENNAI

Date : 24-11-2020

B. Kirubakaran