

Curriculum Vitae



Personal Information

Name: Dr. SUVARANJAN SUTAR
Designation: Associate Professor
Department: Mechanical Engineering
Institution: Bhadrak Institute of Engineering and Technology
Address: Sugo.G.Sugo,Ertal,Bhadrak,756124
Mobile: 9658036289
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Career Objective

To contribute effectively in teaching, research, and academic administration while promoting innovation and quality education in the field of Mechanical Engineering.

Educational Qualifications

Degree	Specialization	University/Institute	Year	Percentage/CGPA
Ph.D.	Mechanical Engineering	CGU,Bhubaneswar	2026	
M.Tech.	Mechanical(Thermal Engineering)	BPUT,Odisha	2014	9.0
B.Tech.	Mechanical Engineering	BPUT,Odisha	2008	6.86
12 th	Science	CHSE,Odisha	2003	54%
10 th		BSE,Odisha	2001	76%

Ph.D. Details

- **Title of Thesis:** “Numerical Study of an artificially ribbed solar air heater ”
- **University:** CGU,Bhubaneswar
- **Supervisor:** Dr. Sachindra Kumar Rout
- **Year of Award:** 2026

Areas of Specialization

- Heat Transfer
- CFD
- Renewable Energy
- Thermal Engineering

Research Publications

1. Numerical investigation on the thermo hydraulic performance of a solar air heater duct featuring parabolic rib turbulators on the absorber plate.
<https://doi.org/10.1016/j.csite.2024.105399>
2. Influence of Artificial Ribbing on the Thermal Performance of Solar Air Heaters: A Parametric Investigation. 10.18280/ijht.430338
3. A Comparative Study to Investigate the Effect of various Shapes of ribs on The Absorber Plate of a Solar Air Heater. https://doi.org/10.1007/978-981-96-8500-4_5
4. Numerical Investigation of Solar Air Heater for Space Heating Application.
<https://doi.org/10.3103/S0003701X24602151>

Administrative Responsibilities

- Head of Department Coordinator
- PIC Admission
- Proctorial Duties

Skills

- ANSYS
- Solid Works
- CFD Simulation
- MS Office

Personal Details

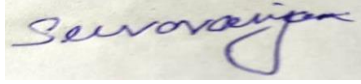
Detail	Information
Date of Birth	29/06/1986
Gender	Male
Nationality	Indian
Languages Known	English, Hindi, Odia

Declaration

I hereby declare that the above information is true to the best of my knowledge and belief.

Date:27/05/2026

Place:BIET Bhadrak

A rectangular box containing a handwritten signature in blue ink. The signature is cursive and appears to read 'Suvaranjan Sutar'.

Signature

(Dr. Suvaranjan Sutar)