

**Sharad P. Bargat**  
**(M.Tech., MBA)**  
**Assistant Professor**

**Email:** sharadbargat@ternaengg.ac.in

**Address for Correspondence:** Mechanical Engineering  
Department, Terna Engineering College, Plot No. 12, Sector  
22, Opposite Railway Station, Nerul (W), Navi Mumbai-  
400706.



**Professional Qualification:**

- **Ph.D in Mechanical Engineering (Pursuing)**  
SGB Amravati University, Maharashtra
- **Master of Technology, 2011**  
SGB Amravati University, Maharashtra
- **Bachelor of Mechanical Engineering, 2009**  
YCCE Nagpur, RTM Nagpur University, Nagpur, Maharashtra

**About Me:** As an educational professional, I would like to enhance the knowledge of students in the field of education, research and their intellectual skill. Also, work hard for the advancement and betterment of the organization.

**Patents/ Products/ Consultancy:**

**Patents:**

1. **Portable Automatic Aquarium Filter, Temperature Control and Water Monitoring System. Dated 22<sup>nd</sup> December 2022.**
2. **Floating Renewable Energy Generation System. Dated 27<sup>th</sup> September 2023.**
3. **Portable Agricultural Weather Station. Dated 27<sup>th</sup> November 2024**

**Projects Grant Received:**

Sr. No.	Project Title	Agency	Period	Grant Amount (Rs.lakh)
1	Nano fluid based solar Air Conditioning System	American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	2020-2021	<b>\$ 4988</b> <b>(Aprox. 3.7 lakh)</b>
2	TES Using Vapour Compression Refrigeration System	American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE)	2021-2022	<b>\$ 4419</b> <b>(Aprox. 3.25 lakh)</b>

**Reviewer: NIL**

**Major Subjects:** HVAC, Thermal Engg. IC Engine, Heat Transfer, RES, Fluid Mechanics, Turbo Machinery, etc.

**Citation Analysis: NIL**

**List of Publication:**

**Journal Publications:**

➤ International Journal: 10

**Conferences and Workshops Publications:**

➤ National Conferences: 04

**Research and Scholarly Contributions:**

➤ **M.Tech. Research:** Performance Investigation of CI Engine Using Producer Gas and Bio-Diesel Blend In Dual Fuel Mode.

**Software Tools:**

➤ Auto CAD

**Professional Association:**

- American Society of Heating, Refrigerating and Air-Conditioning Engineers

**Teaching Experience:**

- 14 Years.

**Responsibilities Handled:**

- Member of IIC
- Departmental IQAC Coordinator

**Declaration**

I hereby declare that the following information are correct and complete to the best of my knowledge.

Sharad P. Bargat

Place: Navi Mumbai