**FACULTY PROFILE**

**Mr. Yogesh D. Kokate**

**Assistant Professor**

**Department of Computer Engineering**

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| Gangotri’s Amol Height, Flat No. 8, Vidyanagar,Makhmalabad Road, Nashik Mob: 9822800593Email ID: yogesh.kokate@ges-coengg.org |  |

**QUALIFICATION**

* PhD (Pursuing)
* ME (Heat Power)
* BE (Mechanical)

**TEACHING EXPERIENCE**

* Current experience: 14 Yrs
* Past experience: 1.5 Yrs

**INDUSTRY EXPERIENCE**

* Engineer-Planning (CMT Division), Atlas Copco (India) Ltd, Nashik.
* Production Engineer, Hindusthan National Glass & Industries Ltd, Sinnar.

**RESEARCH PUBLICATIONS**

1. “Mathematical Modelling and Drying Kinetics of Onion and Garlic in Indirect Solar Dryer”, Applied Solar Energy: Springer, 2022, Vol. 58, No. 5, pp. 643–660. ISSN 0003-701X, <https://doi.org/10.3103/S0003701X22600941>
2. “Design, fabrication and performance analysis of indirect solar dryer, Materials Today: Proceedings, Elsevier, 2023, <https://doi.org/10.1016/j.matpr.2022.11.439>
3. “Investigation of particle size effect on thermal conductivity enhancement of distilled water-Al2O3 nano fluids”, Fluid Mechanics Research International Journal, MedCrave, vol.3(2), PP-55-59, 2019, doi: [10.15406/fmrij.2019.03.00052](https://doi.org/10.15406/fmrij.2019.03.00052).
4. Participated & presented a paper title” The study of fuel injection for DI diesel engine development” in international conference on “Advances in mechanical engineering” organized by Amrutvahini COE, Sangamner (Maharashtra) from 12th to 14th march 2012.

**ADMINISTRATIVE WORK**

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| Sr. No. | Post | Description |
| 1. | **Exam Coordinator** | To coordinate all Insem, Endsem, OR, Pr and Termwork exam related activities |
| 2. | **NAAC Criteria 3 Member** | To prepare documentation for NAAC criteria 3.1 and 3.2.1 |
| 3. | Resonance Editorial Committee |  College Annual Magazine Editorial Committee member. |

**UNIVERSITY RESPONSIBILITIES**

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| Sr. No. | Post | Duties |
| 1. | **Examiners** **(External and Internal)** | Practical and Theory subjects- Heat and Mass Transfer and Energy Engineering |
| 2. | **Senior Supervisor (External and Internal)** | Theory |
| 3. | **Paper setter for various subjects** | Theory-In Sem and End Sem |
| 4. | University Paper checker and Moderator | Paper checking and moderation |

**FDP/WORKSHOP/WEBINAR/SEMINAR ATTENDED**

1. One-week **National level Short Term Training Program** on “**Research and Innovations in Solar Energy**” organized by Department of Mechanical Engineering, SSVPS Bapusaheb Shivajirao Deore College of Engineering, Dhule, Sponsored by Indian Society for Technical Education (ISTE), in association with Institution’s Innovation Council (Ministry of HRD initiative), From 12th Feb 2024 to16th Feb 2024.
2. **UGC** mandated course on **“Research and Publication Ethics”** (Two credit course), with **‘A’ grade** conducted by Center for Publication Ethics, **Savitribai Phule Pune University, Pune** from 1st September to 1st October 2022 (1 month).
3. Participated in a 2-week Faculty Development Programme Supported by MeitY, GOI on **“Research Methodology”** by **IIT, Guwahati**, from 18th to 29th April 2022.
4. Participated in a two days **National level workshop** on “Vibration & noise measurement using FFT analyzer” in GES’s R.H. Sapat COE, Nashik, from 30th to 31st Jan 2016.
5. Attended two days **State level workshop** on “Emerging trends in Heat transfer engineering” in NDMVPS’s KABGT COE, Nashik, from 4th to 5th Jan 2016.
6. Participated in a two days **State level seminar** on “Competitive manufacturing technology” in GES’s R.H. Sapat COE, Nashik, from 1st to 2nd Jan 2016.
7. Participated in a 2-day state level workshop on **“Nanotechnology”** by Department of Biotechnology, Gokhale Education Society's, Nashik (2015).
8. Attended two days **state level seminar** on “Advanced engineering optimization” in GES’s R.H. Sapat COE, Nashik, from 27th to 28th Feb 2012.
9. Attended one day district level seminar on “Value engineering & its application” in GES’s R.H. Sapat COE, Nashik, on 25th Feb. 2012.
10. Participated in a one-day seminar on “Research Methodology” in Sandip Foundation, Nasik, on 24th Dec. 2011.
11. Participated in a 2-week ISTE workshop on **“Thermodynamic”** by **IIT, Powai**, from 14th to 24th Jun 2011.
12. Participated ISTE approved a 1-week short term training program on “CAD/CAM /CAE based design and process optimization in industry” in G.H. Raisoni, Wagholi, Pune from 3rd to 7th Jan 2011.

**ACHIEVEMENTS**

1. Design and Manufacturing of tool & fixture for drop arm machining process. Implementation of **Bar-coded KANBAN cards** in the factory. Deciding KANBAN card quantity for a particular item on the basis of-1) For which tool the particular item is required 2) Item class. 3) Lead time 4) Its requirement for spares.
2. Development of **transient hot wire** (THW) apparatus to study the particle size effect on thermal conductivity of **water based-Al2O3 nanofluid.**
3. Design, development and performance analysis of **Indirect solar dryer**.
4. **Vapour absorption system** working on vehicle exhaust system.
5. Design, fabrication and performance analysis of inserts in **heat exchanger**.
6. Total **Google Citation** till date as on Dt. 25/03/2024: **20** (Google Scholar)
7. **H-Index: 3** (Google Scholar)

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