



H.K.E Society's

**Poojya Doddappa Appa College of Engineering, Kalaburagi**

## **FACULTY PROFILE FORMAT**

| <b>Personal Details</b>                               |  |
|---|--|
| <b>Name:Dr. MALLIKARJUN BHOVI</b>                     |  |
| <b>Designation: ASSOCIATE PROFESSOR</b>               |  |
| <b>Department: MECHANICAL ENGINEERING</b>             |  |
| <b>College Address: P.D.A COLLEGE OF ENGINEERING</b>  |  |
| <b>Contact:9483148994</b>                             |  |
| <b>E-mail id(college mail id):mbhovi @pdaengg.com</b> |  |

|                          |             |
|--------------------------|-------------|
| <b>Areas of Interest</b> | I.C.Engines |
|--------------------------|-------------|

| <b>Subjects Taught</b>             |           |
|------------------------------------|-----------|
| <b>UG</b>                          | <b>PG</b> |
| MECHANICAL ENGINEERING SCIENCE     |           |
| COMPUTER AIDED ENGG.DRAWING(CAED)  |           |
| BASIC THERMODYNAMICS               |           |
| APPLIED THERMODYNAMICS             |           |
| I C ENGINES                        |           |
| HEAT AND MASS TRANSFER             |           |
| THEROY OF MACHINES                 |           |
| REFRIGERATION AND AIR CONDITIONING |           |
| AUTOMOTIVE ENGINEERING             |           |
| ENERGY ENGINEERING                 |           |

| Academic Background |                        |                                 |                      |                           |
|---------------------|------------------------|---------------------------------|----------------------|---------------------------|
| Degree/Diploma      | Specialization         | Name of the Institute           | University           | Month and Year of Passing |
| PhD                 | I C ENGINE             | BVB HUBLI                       | VTU BELGAUM          | 2019                      |
| DIPLOMA             | MECHANICAL ENGINEERING | DRR GOVT POLY TECHNIC DAVANGERE | TECHNICAL BOARD      | 1989                      |
| UG (B.Tch/BE)       | MECHANICAL ENGINEERING | UBDT ENGG.COLLEGE DAVANGERE     | KUVEMPU UNIVERSITY   | 1994                      |
| PG (M.Tech)         | HEAT POWER ENGINEERING | KREC SURATHKAL (NITKS)          | MANGALORE UNIVERSITY | 1998                      |

| Work Experience                          |  |                     |    |            |   |                |     |
|--|--|---------------------|----|------------|---|----------------|-----|
| Name of the Institution                  |  | Position            |    | From       |   | To             |     |
| P.D.A COLLEGE OF ENGINEERING, KALABURAGI |  | ASSOCIATE PROFESSOR |    | 12/07/1999 |   | TILL DATE      |     |
|  |  |                     |    |            |   |                |     |
| Total Experience                         |  | Teaching            | 22 | Research   | 6 | Administration | NIL |

| Research Publications          |   |                  |                          |                     |       |
|--------------------------------|---|------------------|--------------------------|---------------------|-------|
| Total Number of Publications   | International Journal   | National Journal | International Conference | National Conference | Total |
|                                | 2   | 4                |                          | –                   | 6     |
| Recent Publications (Journals) |   |                  |                          |                     |       |
| 1                              | Performance, Emission and Combustion Characteristics of Dual Fuel(DF) Engine fueled with Hydrogen Induction and Injection of Honne and Honge Methyl Ester, Energy and power Engineering   |                  |                          |                     |       |
| 2                              | Comparative study on effect of blending, thermal barrier coating (LHR)and injection nozzle geometry on biodiesel fueled engines. International Journal of sustainable Engineering   |                  |                          |                     |       |
| 3                              | Effect of Hydrogen and Hydrogen Enriched Compressed Natural gas Induction on the performance of Rubber Seed Oil Methyl Ester Fueled Common Rail Direct Injection (CRDI) Dual Fuel Engines, European Journal of Sustainable Development Research |                  |                          |                     |       |

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|---|---|
| 4 | Effect of pilot fuel Injection Timing and Mixing chamber type for Air- Gaseous Fuel Mixture on the performance, Emission and Combustion Characteristics of Dual Fuel Engine. European Journal of Sustainable developments Research            |
| 5 | Experimental Investigation on RuOME (Rubber Seed Oil Methyl Ester) biodiesel fuelled dual Fuel engine with Manifold and Port injection.energy ,Elsevier Publication.(C)   |
| 6 | Hydrogen Injection in a Dual Fuel Engine Fueled With Low and High Pressure Injection of Rubber Seed Oil Methyl Ester For Transportation Application,International Journal of Automotive and Mechanical Engineering(IJAME),UMP Publication (C) |

| Memberships in Professional Bodies |                               |
|------------------------------------|-------------------------------|
| S.No.                              | Name of the Professional Body |
| 1.                                 |                               |
| 2.                                 |                               |
| 3.                                 |                               |
| 4.                                 |                               |

| Programs Organized |  |
|--------------------|--|
| 1.                 |  |
| 2.                 |  |
| 3.                 |  |

| Awards |  |
|--------|--|
| 1.     |  |

| Training Programmes Attended Recently |   |
|---------------------------------------|---|
| 1.                                    | ATAL Academy Online FDP on Sustainability and Engineering From 8-02-2021 to 12-02-2021 PDACEK                                     |
| 2.                                    | Green Energy for Sustainable Development Bhimman Khandre Institute of Technology Bhalki From 10-08-2020 to 14.08.2020)            |
| 3.                                    | Webinar on Strategies for writing research paper in top Indexed Journals 12-02-2020 at Ambedkar Institute of Technology Bangalore |
| 4.                                    | Webinar on Impact Behavior of FRS Composites 19-08-2020 at Ambedkar Institute of Technology Bangalore                             |

|    |   |
|----|---|
| 5. | AMCE Engineering CollegeProgress of Nano materials and its Application in New Technology 13July 2020  |
| 6  | Webinar on IPR Opportunities and challenges organized by Bundelkhand Institute of Engineering and Technology Jhansi UP 7 July 2020  |
| 7  | One Week online FDP on Energizing Green Technology for Mechanical Engineers From 03-08-2020 to 08-08-2020   |
| 8  | One Week FDP on Role of Teachers in quality enhancement and Accreditation, Shanta Raman Engineering College Nandyal   |
| 9  | One Week AICTE Sponsored STTP on Creating Smart and Green Society Through Advance Technology of Green Energy 17 to 22 December 2020 at Malanda Engineering College Hassan   |
| 10 | Work shop Research and Developments Activities from 28-12-2020 to 30-12-2020  |
| 11 | Outcome based education a Transformational approach for Quality education From 21 to 23 June 2018 at PDACEK   |
| 12 | Cyber Security 14 to 18 March 2019 at PDACEK  |
| 13 | Effective Teaching and Learning in OBE and Life Skills for engineers 9 <sup>th</sup> March 2019   |
| 14 | Professional Development Training Organized by Indian Institute of Management Raipur 21 to 23 December 2020 Under TEQIP   |
| 15 | One week Faculty Development Program on Emerging Technology in Education, Innovation and research Organized by GIET University 20 to 25 July 2020   |
| 16 | AICTE Sponsored Two week FDP on WORLD CLASS NEW PRODUCT DESIGN AND MANUFACTURING, Organized by the Department of Automobile Engineering ,The Oxford College of Engineering BangaloreFrom 1 <sup>st</sup> to 13 <sup>th</sup> January 2018 |

| Special Lectures Presented |  |
|----------------------------|--|
| 1.                         |  |
| 2.                         |  |
| 3.                         |  |
| 4.                         |  |

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| 5. |  |
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| <b>Role &amp; Responsibilities</b> |  |
|------------------------------------|--|
| 1.                                 | Department NBA Coordinator For 7 <sup>TH</sup> Criteria SINCE 2013       |
| 2.                                 | BOS Member, Mechanical Engineering, PDA College of Engineering Kalaburgi |
| 3.                                 | In charge of Heat and Mass Transfer Laboratory                           |
| 4.                                 |  |