

Pradeep N.R

**Assistant Professor
Department of Mech. Engg.
BIET, Davangere**



Work Experience : 10.5 Years

- **Joined as Trainee Engineer in Aradhya steels pvt. Ltd (ASPL) in Aug-08 and promoted to Asst Manager in july-10.**
- **Worked as a project intern in suzlon energy limited from January 2012 to June 2012.**
- **Working as an Asst. Professor in Mechanical Department of Bapuji Institute of engineering and Technology Davangere from 2012.**

Skill sets:

**Modelling: UG-NX, CATIA, Solid Edge
§ Meshing: ANSYS Mesh
§ Post-Processing: ANSYS Post processing**

Educational Qualification:

- **Perusing (Ph.D) [Mechanical Engineering] in Visvesvaraya Technological university, from 2013.**
- **M.Tech [Thermal Engineering] from UBDTCE Davangere , Davangere University , 2012 with first class distinction .**
- **B.E [ME] from Bapuji Institute of Engineering and Technology, VTU University , 2008 with first class.**

Core Subjects Taught:

Subjects handled for UG: Thermodynamics, Heat and mass transfer (HMT)

Internal combustion engine, Turbo Machine and Fluid Mechanics,

PG: Finite Element Method, Steam and Gas Turbine, Engine Flow and Combustion

Journal Papers Published:

1. **Pradeep N.R, S Kumarappa “Policy, Planning and Implementation of Wind Energy Technology, Wind Farms: Case Study” International Journal of Emerging Engineering Research and Technology Volume. x, Issue x, Month 2014, pp.XX- XX, ISSN 2349- 4395 (Print) & ISSN2349-4409.**
2. **Pradeep.N.R, S Kumarappa, B M Kulkarni, “Characterization and Evaluation of**

Fuel Properties of Pupae Biodiesel-Diesel Blends,” International Journal of Latest Technology in Engineering, Management & Applied Science, Vol. VI, Issue VIII, August 2017.

- 3. Pradeep N.R, S Kumarappa, B M Kulkarni " Spectroscopic and Chromatographic Investigation of Pupae Biodiesel' International Journal of Engineering Research and Applications (IJERA), Vol. 09, No.09, 2019,pp. 27-31.**

Seminars/Workshops attended:

- 1. Webinar on “Manufacturing in current scenario; Industry 4.0” held on 4th june 2020 organized by the Dept. Of Mechanical Engineering, GM institute of technology, Davanagere.**
- 2. Webinar on “Workshop on Finite Element Analysis using ansys” held from 4th to 6th june 2020 organized by the Mechanical Division Local Centre kalburgi in association with Institute of Engineers (Indian).**
- 3. Webinar on “Computational Fluid Dynamics” held on 12th june 2020 organized by the Dept. Of Mechanical Engineering, Loyola Institute of Technology in association with i3 CADD, Chennai.**
- 4. Webinar on “Research Trends in thermal Engineering” held from 9th to 13th june 2020 organized by the Dept. Of Mechanical Engineering, BITM, Ballary.**
- 5. Three days workshop on “Design, fabrication and Testing of electric Vehicle” organized by the Dept. Of Mechanical Engineering, B.I.E.T, held during 6th to 8th march 2020.**
- 6. On week workshop on “An overview of teaching technique in turbomachines” organized by the VTU center for post Graduate studies, Muddenahalli Chikkaballapur in association with AICTE-VTU held during 22nd to 26th July 2019.**
- 7. On week workshop on “Effective Teaching” organized by the B.I.E.T, Davangere in association with NITTR, Kolkata- MHRD held during 15th to 19th July 2019.**
- 8. On week workshop on “Recent Advances in IC Engines-Research & issues” organized by the Dept. Of Mechanical Engineering, G.M.I.T, Davangere in association with AICTE- ISTE held during 23th to 28th July 2018.**
- 9. On month workshop on “Go-Cart Car Design” organized by the Dept. Of Mechanical Engineering, B.I.E.T, during the month of August 2018.**
- 10. Three days workshop on “Entrepreneurship Awareness Programme” organized by the Dept. Of Mechanical Engineering, B.I.E.T, Davangere in association with NSTEDB and EDI Ahmedabad held during 14th to 16th march 2018.**
- 11. One day workshop on “Industry Institute Innovation Interaction” held at B.I.E.T, Davangere on 11th October 2017.**
- 12. One day workshop on “Intellectual Property Rights” organized by R&D cell of B.I.E.T, Davangere on 6th April 2017.**
- 13. Five day work shop on “Engine Technology Internship” held at the Department of Mechanical Engineering, B.I.E.T, from 23th to 27th January 2017.**
- 14. One day Work shop on “Application of CAD/CAM/CAE in Mercedes Benz OEM” held at the Department of Mechanical Engineering, B.I.E.T, on 4th March 2017.**

- 15. Three days Workshop on “Advanced Robotic” held at the Department of Mechanical Engineering, B.I.E.T, from 18th to 20th April 2017**
- 16. One day Work shop on CATIA Tool held at the Department of Mechanical Engineering, B.I.E.T, on 21st April 2017.**
- 17. Second International Workshop on “Compact Heat Exchangers for Aerospace Applications” organized on 21st & 22nd December, 2015 by the Department of Mechanical Engineering, PESIT & ADA, Bangalore.**
- 18. Three days Workshop on “Research Methodologies and LATEX” during 8th to 10th July 2014, at VTU, Belgaum.**
- 19. One day workshop on “Computational Fluid Dynamics” organized by Dept. of Mechanical Engineering & Dhio Research and Engineering Pvt. Ltd., Bangalore at B.I.E.T, Davangere on 7th November 2013.**
- 20. One week training program on “Computational Fluid Dynamics and ANSYS Fluent” organized by the Department of Mechanical Engineering, B.I.E.T, Davangere during 26th to 30th August 2013.**

Achievements:

- 1. “Best in house Project Award” for Solar Powered Green House Monitoring System Using Internet of Things during the annual student project exhibition on 22nd June 2017 held at Bapuji Institute of Engineering & Technology.**
- 2. KSCST Sponsored Projects have been selected for State Level Seminar and Exhibition held at NMAM Institute of Technology, Nitte on 11th and 12th August 2017.**