



Prof. Pradeep. A
Assistant Professor

Designation: Assistant Professor in Mechanical Engineering

Address for communication: " Vyshnavam", T.C 8/3272/1, Sreekrishnapuram, Powdikonam.P.O
Thiruvananthapuram -695587

Date of Birth : 13/03/1978

Date of Joining in Present Post : 05/02/2014

Qualifications / Academic Data

- : B Tech - University of Kerala (1999), College of Engineering, Trivandrum.
- : M Tech. - University of Kerala (1999), College of Engineering, Trivandrum

Areas of Interest / Research Areas

- : Heat Transfer, Solar Thermal Engineering

Professional Experience

- : Industry - 05 years
- : Teaching - 11 Years.

Positions / Responsibilities

- : Life member of SAE

Important Publications

Title of Paper/Publication	Name and Nature (National/International) of Journal / Conference	Date of Conference /Issue & Year of Journal	Page no(s) of the journal / conf. proceedings in which the paper appears
Thermodynamic Analysis of Inlet Air Cooling System for a Centrifugal Compressor	7th International Exergy, Energy and Environment Symposium (IEEES7)	27/04/2015 to 30/04/2015	795 - 805
Performance Analysis of Ceramic Composite Thermal Protection System Tiles	7th International Exergy, Energy and Environment Symposium (IEEES7)	27/04/2015 to 30/04/2015	557 - 579

STTPs / Conference / Workshops Attended

1. "Robotics and Industrial Automation" from 1/12/2014 to 6/12/2014 organised by College of Engineering Trivandrum.
2. "Introduction to CFD and its Application" from 8/12/2014 to 12/12/2014 organised by College of Engineering Trivandrum.
3. "Microfluidics, Fundamentals, Modelling and Applications" from 28/01/2015 to 02/02/2015 organised by College of Engineering Trivandrum
4. "Experimental Techniques in Fluid Dynamics" from 01/12/2015 to 05/12/2015 organised by College of Engineering Trivandrum
5. "Building Energy Simulation" from 14/12/2015 to 18/12/2015 organised by College of Engineering Trivandrum
6. "New Dimensions of Sustainability in Building Environment " from 18/01/2016 to 22/01/2016 organised by College of Engineering Trivandrum
7. "Applications of Mathematics in Engineering " from 23/01/2017to 28/01/2017organised by TKM College of Engineering, Kollam.
8. "Recent trends in Tribology and surface charactrisation" from 16/04/2018to 20/04/2018 organised by College of Engineering Trivandrum (AICTE QIP Sponsered)
9. "Capability Enhancement Training for Staff Advisors" from 25/06/2018 to 30/06/2018 organised by College of Engineering Trivandrum
10. " Advances in NDT methods for flaw detection " from 09/07/2018 to 14/07/2018 organised by College of Engineering Trivandrum

STTPs /Conferences/ Workshops organized / Co-organized

1. "Introduction to CFD and its Application" from 8/12/2014 to 12/12/2014 DTE Sponsored STTP
2. "Experimental Techniques in Fluid Dynamics" from 01/12/2015 to 05/12/2015 DTE Sponsored STTP