



Dr. N. Jagadeesh

Associate Professor

B.E., M.Tech., Ph. D.

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Research Interests: Composite materials, Manufacturing sciences and IC Engines

About

Dr. N. Jagadeesh is currently an Associate Professor in Department of Automobile Engineering at P E S College of Engineering, Mandya. He has a total experience of 17 years which includes his experiences in Academia and Research. A passionate teacher eager to, disseminate knowledge, motivated and innovative with interest in Manufacturing sciences, Material science and Automobile related domains. Also interested in adopting innovative techniques in teaching-learning process and strongly believe in Outcome based learning and have authored around 07 papers and am working on projects related to social needs and in-campus solutions. He is a Associate member of IET and a life member of ISTE.

Education

❖ **Ph.D – Faculty of Mechanical Engineering**

PSGCT, Cbe, under Anna University, Chennai.

Passed Year: 2020 | Program Type: Full Time

❖ **M.Tech. – Maintenance Engineering**

Sri Jayachamarajendra College of Engineering, Mysuru.

Passed Year: 2002 | Program Type: Full Time

❖ **B.E. – Automobile Engineering**

P E S College of Engineering, Mandya.

Passed Year: 1996 | Program Type: Full Time

Selected Publications

1. **N. Jagadeesh**, A.P. Senthil Kumar & S. Janaki, (2018), “Studies on mechanical and thermal behaviours of Al6061-SiC-Gr-ZrO₂nanohybrid composites”, Material Research Express, E-ISSN: 2053-1591, Vol.5, Number.11, IOP.
2. A.P. Senthil Kumar, S. Janaki, **N Jagadeesh**, T. Sakthivel & R. Selladurai, (2018) ”Experimental Investigation On Heat Storage Co-efficient of Two-Phase Materials”, International Journal of Engineering and Robot Technology, Vol.5(1), pp.1-5.
3. A.P. Senthil Kumar, S. Janaki, **N Jagadeesh**, R.Selladurai & T. Sakthivel, (2018), ”Comparison of 2-D and 3-D Effects on Various Geometry to Predict the Effective Thermal Conductivity of Porous System”, International Journal of Engineering and Robot Technology, Vol.5(1), pp.6-12.
4. Dr. A.P. Senthil Kumar, **N. Jagadeesh** &Dr. S. Janaki, (2018), “CFD Based Study and Optimization of Manifold Systems”, International Research Journal of Engineering & Technology, E-ISSN: 2395-0056; P-ISSN: 2395-0072.
5. B. Dinesh Prabhu, **N. Jagadeesh**, B.S. Mamatha, & U. Samrat, (2020), “An Agricultural Electric Cart by Application of Internet of Things”, TEST Engineering & Management, Vol.83, P-ISSN: 0193-4120, pp.27045-27052.
6. B. Dinesh Prabhu, **N. Jagadeesh**, G.D. Srikanth&Irfanuddin, (2020), “A two wheeler converted to farmer friendly vehicle”, Journal of Critical Reviews, Vol.7, Issue.17, P. ISSN-2394-5125, pp.1581-1588.
7. **N. Jagadeesh**, A. P. Senthil Kumar & S. Janaki, (2021), “Comparative studies on performance of computational with experimental outcome for IC engine”, Journal of the Balkan Tribological Association, Vol.27, No 1, pp.101-114.

Additional Responsibilities

- ISTE-PESCE Faculty Chapter Executive member
- BOS member BOE member
- Department Library In-Charge
- Departmental Research Coordinator
- Department Industry Institute Interaction Coordinator

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