

Mr.P.GANESH KUMAR

ASSISTANT PROFESSOR



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Academic Background: **M.E. (Engineering Design), Infant Jesus College of Engineering and Technology**, Thoothukudi, Anna University-Chennai, Tamilnadu, 2013.
B.E. (Mechanical Engineering), Francis Xavier Engineering College, Tirunelveli, Anna University of Technology-Tirunelveli, Tamilnadu, 2011.
D.M.E. (Diploma in Mechanical Engineering), St.Xavier's Polytechnic College, Seydunganallur, DOTE, Tamilnadu, 2008.

Areas of interest:

- Production Technology.
- Automobile Engineering.
- Engineering Design.

Subjects handled: Manufacturing Technology-I, Manufacturing Technology-II, Power Plant Engineering, Design of Transmission Systems, Automotive Engines (Auto Dept.)

Software Proficiency: Auto CAD, Pro-E, ANSYS, CNC-Programming and operations, Visual Basics.

Experience:

Academics: (1 Year)

June 2013 To December 2013 **Assistant Professor**, Department of Mechanical Engineering, Infant Jesus College of Engineering, Thoothukudi.

Other responsibilities:

- ISO/NBA -coordinator.
- Industrial Visit Incharge.

January 2014 To Till Now **Assistant Professor**, Department of Mechanical Engineering, National College of Engineering, Tirunelveli.

Activities

Publications:

International Journals

- **International Journal of Advanced Engineering Research & Technology (IJAERT)**
- PAPER TITLE: *“Numerical Investigation of 304L SS Welded Pipe and Welded Plate Using Finite Element Analysis”*
- **(Special Issue Volume-2) 776**

International Conference

- **International Conference on “Recent Advances in Material Processing Technology”**
- PAPER TITLE: *“Comparative Static Analysis for Effect of Linear, Triangular and Combined Structural Core Ply Materials ”*
- Conducted By: **National Engineering College, Kovilpatti.**
- **International Conference on “Engineering Applications”**
- PAPER TITLE: *“Comparative Static Analysis for Effect of Linear, Triangular and Combined Structural Core Ply Materials ”*
- Conducted By: **Sardar Raja College of Engineering, Alangulam.**
- **International Conference on “Interdisciplinary Engineering and Sustainable Management Sciences”**
- PAPER TITLE: *“Comparative Static Design Analysis for Composite Structural Materials ”*
- Conducted By: **Vickram College of Engineering, Enathi.**
- **International Conference on “Advanced Materials and Manufacturing”**
- PAPER TITLE: *“Design and Analysis of Triangular Structural Core Ply Materials”*
- Conducted By: **Cape Institute of Technology, Levekipuram.**
- **International Conference on “Advanced in Civil, Electrical and Mechanical”**
- PAPER TITLE: *“Static Design Analysis of Linear Structural Core Ply Materials ”*
- Conducted By: **Sun College of Engineering and Technology, Eranchakulam.**
- **International Conference on “Recent Advances in Mechanical Engineering and Interdisciplinary Developments”**

- PAPER TITLE: *“Review on Nano Fabrication and Application ”*
- Conducted By: **Ponjesly College of Engineering, Nagercoil.**
- **International Conference on “Science, Engineering and Management/ICSEM’14 ”**
- PAPER TITLE: *“Numerical Investigation of 304L SS Welded Pipe and Welding Plate Using FEA”*
- Conducted By: **Srinivasan Engineering College, Perambalur.**

National Conferences

- National Conference on **“Technological Advancements in Mechanical Engineering”**
 - PAPER TITLE: *“Comparative Static Design Analysis for Different Structural Core Ply Materials ”*
 - Conducted by: **Selvam College of Technology, Namakkal.**
 - Conducted Date: **08.02.2013 & 09.02.2013**
 - National Conference on **“Advances in Mechanical Engineering”**
 - PAPER TITLE: *“Static Design Analysis of Triangular Structural Core Ply Materials ”*
 - Conducted by: **SCAD Engineering College, Cheranmahadevi.**
 - Conducted Date: **08.03.2013**
 - National Conference on **“Advanced Technologies in Mechanical Engineering”**
 - PAPER TITLE: *“Near-Zero Emission in IC-Engine Using Porous Medium Technology”*
 - Conducted by: **Lord Jegannath College of Engineering and Technology, Nagercoil.**
 - Conducted Date: **26.02.2010**
 - National Conference on **“Innovation, Technology & Knowledge Economy”**
 - PAPER TITLE: *“Near-Zero Emission in IC-Engine Using Porous Medium Technology ”*
 - Conducted by: **Adhiyamaan College of Engineering & The Institution of Engineers (INDIA), Hosur.**
 - Conducted Date: **04.03.2010 & 05.03.2010**
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- Workshop on **“Recent Trends in Natural Composites and its Hybrids For Structural Applications”**
 - Conducted by: **Sri Venkateswara College of Engineering, Sriperumbadur.**
 - Sponsored by: **Defence Research and Development Organisation (DRDO), New Delhi & Council of Scientific and Industrial Research (CSIR), New Delhi.**
 - Conducted on: **25.09.2013 & 26.09.2013**
 - Workshop on **“Advanced IC-Engine Technologies a Part of the Automotive Technology Outreach 2013”**
 - Conducted by: **Infant Jesus College of Engineering, Thoothukudi.**
 - Sponsored by: **Indian Institute of Technology, Delhi.**
 - Conducted on: **30.08.2013 & 31.08.2013**
 - Workshop on **“Composite Materials”**
 - Conducted by: **KPR Institute of Engineering and Technology, Coimbatore.**
 - Conducted on: **24.09.2012 & 25.09.2012**
 - Workshop on **“Energy Resources”**
 - Conducted by: **SCAD Engineering College, Cheranmahadevi.**
 - Conducted on: **09.03.2013**
 - Workshop on **“Design Trends in CAE and CFD Technologies”**
 - Conducted by: **SCAD Engineering College, Cheranmahadevi.**
 - Sponsored by: **Fexilon Technologies, Chennai.**
 - Conducted on: **03.09.2012**
 - Workshop on **“Heat Transfer Enhancement Using Nanofluids”**
 - Conducted by: **Infant Jesus College of Engineering and Technology, Thoothukudi.**
 - Conducted on: **05.10.2012**
 - Workshop on **“Computational Fluid Dynamics”**
 - Conducted by: **Infant Jesus College of Engineering, Thoothukudi.**
 - Conducted on: **27.07.2012**
 - Workshop on **“Advances in Finite Element Analysis”**
 - Conducted by: **JP College of Engineering, Tenkasi.**

- Conducted on: **02.03.2012**
- Workshop on **“Fluid Mechanics”**
- Conducted by: **National College of Engineering, Maruthakulam.**
- Sponsored by: **Indian Institute of Technology, Kharagpur.**
- Conducted on: **20.05.2014 to 30.05.2014**

Achievements

- Awarded as **“Best Outgoing Student”** in Diploma.
 - Awarded for Scoring **“100% Result in Power Plant Engineering”**
Subject.(IJCE)
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