




Sriram Engineering College
Department of Mechanical Engineering

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| Name & Photo : | | Mr. G. MAHESH  |
| Designation: | | Assistant Professor |
| Qualification : | UG (Specialization) | B.E (Production Engineering) |
| | PG (Specialization) | M.E (Computer Aided Design) |
| | professional bodies | MISTE |
| Area of Specialization : | | Engineering Design |
| Experience : | Teaching | 15 Years and 6 Months |
| | Industry | 02 |
| Journal Publication (Specify only numbers) | National | - |
| | International | 03 |
| Paper Presentation in Seminar/Conference/ Workshop Participation in (Specify only numbers) | National | 05 |
| | International | - |
| Subjects Handled | | Engineering Mechanics, Finite Element Engineering, Strength of Materials, Manufacturing Technology, Design of Machine Elements, Engineering Graphics, New generation and hybrid vehicles, Total Quality Management |

Experience Details: (Teaching & Industrial)

| <i>Name of the Institution</i> | <i>Designation</i> | <i>Total No. of Years / Months</i> |
|--|----------------------|------------------------------------|
| Conmax Engineering Ltd, Ambattur, Chennai | Production In-Charge | 2 years |
| Pallavan College of Engineering, Kanchipuram | Lecturer | 3 years |
| Adhiyamaan College of Engineering, Hosur | Assistant Professor | 5 years |
| Sriram Engineering College, Perumalpattu | Assistant Professor | 7 Years and 6 Months |

Paper Presentation in Conferences/FDP/Workshop/Seminar/Guest Lecture:

| <i>S.No.</i> | <i>Date</i> | <i>Venue</i> | <i>Event</i> | <i>Title</i> |
|--------------|-------------|---|--|---|
| 1 | 23.03.2018 | Sriram Engineering College | National conference on "Developments in Automobile and Mechanical Engineering DAME2018 | Autonomous drive through mechanical components via blue tooth connectivity |
| 2 | 23.03.2018 | Sriram Engineering College | National conference on "Developments in Automobile and Mechanical Engineering DAME2018 | Design and development of a mandatory periodic vehicle service alert system |
| 3 | 24.03.2017 | Sriram Engineering College | National conference on "Developments in Automobile and Mechanical Engineering DAME2017 | Design and Fabrication of Inbuiltmotorised Screw Actuator for Two Wheeler Maintenance |
| 4 | 24.03.2017 | Sriram Engineering College | National conference on "Developments in Automobile and Mechanical Engineering DAME2017 | Automatic Gear Shifting Mechanism For Two Wheelers |
| 5 | 10.04.2008 | Jayam College of Engineering, Dharmapuri. | National Conference on Xtreme Engineering and Technological Advancements .XE TA 2K8. | Customization and Analysis of Leaf spring using VB |

Publications in Journals:

| S.No | Title, Vol, No., pp., year | National / International | Journal |
|------|--|--------------------------|--|
| 1 | Study about Emissivity of Black Chromium (BCr) Coated Aluminium Alloy Surface, | International | Journal of Materials Today Proceedings ELSEVIER, Volume-37, part 2, Pages 1239-1242 Issue-11, July 2020. |
| 2 | Experimental Investigation and Analysis of Piston by Using Composite Materials ISSN: 2249- 6564 ,Vol04, ArticleK100, November 2013 | International | International Journal of Mechanical Engineering Application Research (IJMEAR) |
| 3 | To improve performance of Internal combustion engine with an aid of neodymium-doped yttrium aluminum garnet Laser Ignition System CODEN (USA): IJCRGG, ISSN: 0974-4290, ISSN:2455-9555 Vol.11 No.03, pp 86-93, 2018. | International | International Journal of ChemTech Research |
| 4 | Design and Analysis of Inbuilt Motorized screw actuator for two wheeler ISSN:2250-1371, Volume 7 Issue No 4, April 2017 | International | International Journal of Engineering Science and computing |

Awards received

- ❖ **Won second prize in the science model competition** for the project on “Passive safety system for two wheelers via helmet” presented at the **Chennai science festival-2017**, Queen Mary’s college, Chennai.
- ❖ **National Conference Conducted /Organized:05**
- ❖ **Memberships in professional bodies**
Life member in Indian Society for Technical Education (ISTE), LM 120259