

# Faculty Profile



**Mr. P. VIGNESH, M.E.**  
Assistant Professor (OG) – Mechanical Engineering

## **HIGHLIGHTS:**

- Number of Journal Publications: 01
- Patents Published: 4

## **PROFESSIONAL LINKS:**

- Scopus ID: 59358815300
- Scopus Link: <https://www.scopus.com/authid/detail.uri?authorId=59358815300#>
- Google Scholar ID: <https://scholar.google.com/citations?user=IqbtXYAAAAJ&hl=en>
- ORCID ID: <https://orcid.org/0009-0001-2732-6882>
- Anna University Faculty ID: 267608
- AICTE Faculty ID: 1-2191027049
- LinkedIn: <https://www.linkedin.com/in/vignesh-p-54a3a3321/>

## **PROFESSIONAL BACKGROUND:**

- Teaching Experience till date: 11years 5months

## **AREA OF SPECIALIZATION:**

- Computer Integrated Manufacturing Engineering
- Composite Materials
- Automobile Engineering
- Automotive Electrical and Electronics systems

## **JOURNAL PUBLICATION:**

**P.Vignesh** and G. Gopalarama Subramaniyan **2024** “Advancements in Biopolymer-Based Natural Fiber Composites: Synthesis, Characterization, and Applications” at Surface Review and Letters, DOI: 10.1142/S0218625X25300035, **Impact Factor: 1.2, Scopus Indexed.**

**PATENTS PUBLISHED/GRANTED:**

- Published a patent in “Smart Vehicle to Vehicle Communication through Back Light” at IPR Patent. Application number: 202341054885, Publication date: 29/09/2023.
- Published a patent in “Smart Fuel ATM” at IPR Patent. Application number: 202441016285, Publication date: 15/03/2024.
- Published a patent in “Medical Wastes Disposal ROBO – MEDROB” at IPR Patent. Application number: 202441016286, Publication date: 15/03/2024.
- Published a design patent in “Engine Control Unit with an Efficient Cooling System” at IPR Patent. Design No.: 397142-001, Publication date: 02/05/2024.

**COURSES CERTIFIED:**

- Introduction to Microsoft 365 Copilot (COURSERA)
- Polymer Assisted and Abrasive Finishing Processes (NPTEL)
- Manufacturing of Composites (NPTEL)
- Fundamentals of Automotive Systems (NPTEL)
- Processing of Polymers and Polymer Composites (NPTEL)
- ISO 9001:2015 “Quality Management Systems Awareness Training Course” (TUV INDIA Training Academy)

**ACHIEVEMENTS AND AWARDS:**

- Task Based Training” (TBT-2017) , during 11th December 2017 to 31<sup>st</sup> March 2018 conducted by IIT Bombay as a part of teacher training through the e-yantra lab setup initiative (eLSI).
- Produced 100 percentage results in Vehicle Body Engineering, Automotive Electrical and Electronics systems, Automotive Chassis.
- Received Best faculty award for the academic year 2016-2017 in Sriram Engineering College.
- Under my leadership as a faculty advisor, students won first place in Auto fest 2016 Trackmania 80CC “Dirt bike competition” at Karpaga Vinayaga College of engineering and technology, Chennai.

- Won the second prize in the science model competition for the project on “Passive safety system for two wheelers” presented at Chennai science festival-2017, Queen Mary’s college, Chennai organized by science city from 9<sup>th</sup> to 12<sup>th</sup> February 2017.

**SPECIAL SESSIONS DELIVERED:** Nil

**CONFERENCES/SEMINARS/WORKSHOPS ATTENDED:**

- One-week AICTE sponsored online Short-Term Training Program on “Recent trends on Hybrid and Electric vehicle technologies” from 6<sup>th</sup> July to 11<sup>th</sup> July 2020 at MVGR College of Engineering, Vizianagaram.
- Six Days AICTE sponsored an online short-term course on “Smart Manufacturing Opportunities & Challenges” from 13<sup>th</sup> July to 18<sup>th</sup> July 2020 at St. Joseph’s College of Engineering, Chennai.
- One-week Faculty development Training program on “Recent Trends in Automation and IIOT” held on 18<sup>th</sup> December 2019 to 24<sup>th</sup> December 2019 at Veltech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College.
- One-week Faculty development Training program on “Advances in Computational Fluid Dynamics (CFD)” held on 18<sup>th</sup> June 2019 to 22<sup>nd</sup> June 2019 at Veltech High Tech Dr.Rangarajan Dr.Sakunthala Engineering College.
- AICTE Sponsored Seven days Faculty development Training program on “Student Induction Program-Level 1” held on 10<sup>th</sup> June 2019 to 16<sup>th</sup> June 2019 at Anna University, Guindy Campus.
- AICTE Sponsored Three days Faculty development Training program on “Student Induction Program-Level 0” held on 13<sup>th</sup> May 2019 to 15<sup>th</sup> May 2019 at Anna University, Guindy Campus.
- Completed the Train the Trainer program- BMW Skill Next Initiative at BMW INDIA Pvt. Ltd. Chennai
- A National seminar in “Engineering Failure Analysis” held on 23<sup>rd</sup> February 2019 at Vel Tech High Tech Dr. Rangarajan Dr.Sakunthala Engineering College, Chennai.
- One-day workshop in “How to Do a Good Ph.D.? held on 3<sup>rd</sup> March 2018 at MIT Campus Anna University Chennai.
- One-day workshop in “Introduction to Robotics” held on 4<sup>th</sup> & 5<sup>th</sup> December 2017 at Anna University Chennai.

- One-day workshop in “Communication image processing using MATLAB CIPM 2017” held on 30<sup>th</sup> June 2017 & 1<sup>st</sup> July 2017 at PERI Institute of Technology, Chennai.
- One-day workshop in “Advanced IC engines” held on 23<sup>rd</sup> February 2017 at KSR College of engineering, Tiruchengode.
- One-day workshop in “Advancement in automotive safety” held on 29<sup>th</sup> July 2016 at i3 Design Technologies Pvt. Ltd. Chennai.
- One-day TEQIP II sponsored workshop in “CFD for heat transfer and fluid flow Analysis” held on 14<sup>th</sup> June 2014 at PSG College of technology, Coimbatore.
- 3days TEQIP sponsored a short-term course on “surface engineering for Tribological applications” from 10th June to 12th June 2013 at National Institute of Technology, Trichy.
- One-day National level workshop in “Patenting system in India” held on 18<sup>th</sup> November 2011 at Velammal engineering college, Chennai.
- One-day workshop in “Multimedia and animation technology” held on 17<sup>th</sup> & 18<sup>th</sup> April 2009 at TamilNadu College of engineering, Coimbatore.

**PROFESSIONAL MEMBERSHIPS:**

- Lifetime member in Indian Society of Technical Education (MISTE-LM 120260).