

## Faculty Profile

1. Name : P.Vignesh
2. Designation : Assistant Professor
3. E-Mail ID : [vignesh@ksrce.ac.in](mailto:vignesh@ksrce.ac.in)
4. Mobile No : 9600447087
5. Membership in Professional Bodies : SAE India
6. Research Supervisor : -Nil-
7. Academic Qualification :



Name of the Degree	Specialization	Year of Passing	Name of the Institution	Name of the University	Class Obtained
Ph.D	Mechanical Engineering	2024	Anna University	Anna University	--
M.E	Engineering Design	2014	Kongu Engineering College Erode.	Anna University	First Class
B.E	Mechanical Engineering	2011	SSM College of Engineering, Namakkal.	Anna University	First Class

### 8. Academic Experience :

Name of the College	Designation	Date of Joining	Date of Reliving	Duration	
				Years	Month
K.S.R. College of Engineering, Tiruchengode, Namakkal District.	Assistant Professor	02-06-2014	Till Date	10	1

### Industrial Experience :

S.No.	Name of the Organization	Designation	Period	
			From	To
1	PSG College of Technology	Junior Project Engineer	02/11/2011	29/02/2012
2	IssojetPvt Ltd	Design Engineer	01/03/2012	31/08/2012

### 9. Workshop/Seminar/FDP/Conference attended:

S.No.	Title of the Course	Venue	Duration
1	Recent trends in Manufacturing Technology	TEQIP-II, NIT Trichy	26/06/2019 to 01/10/2016
2	Product Design Engineering Using Fusion 360	KSRCT	09/05/2022 to 13/05/2022

3.	Application of Machine Learning and Artificial Intelligence in Research and Innovations	Regional College	02/05/2023 to 06/05/2023
4.	Ideation, Recent Advances in Materials Science and its applications	Rajalakshmi Institute of Technology, Chennai	27/04/2023 to 04/05/2023
5.	Frontiers in Mechanical Sciences : Innovations in Contemporary Developments and Trends	Rajalakshmi Institute of Technology, Chennai	06/05/2024 to 11/05/2024

#### 10. Journal Publications :

1. **Vignesh P**, Prasath S, Gowtham S, ‘Mechanical vibration analysis of a boring bar in boring operation’ on ADVANCES in NATURAL and APPLIED SCIENCES, 2017, vol. 11, no. 7, pp. 882-888.
2. **Vignesh P**, Senthilkumar P, Magibalan S, Perumal K, Selvaraj K, ‘LIGHT METAL COMPOSITES BY USING ALUMINIUM ALLOY APPLICATION–A REVIEW’, Science and Engineering of Composite Materials, 2017, vol. 4, no. 11, pp. 304–306.
3. Magibalan, S, Prabu, M **Vignesh, P**, & Senthil kumar, P 2015, ‘ Experimental Study On The Cutting Surface Roughness In CNC Turning Operations By Using Taguchi Technique’, Journal of Chemical and Pharmaceutical Sciences, 2017, vol. 7. pp. 52-54.
4. **Vignesh P**, Senthilkumar P, ‘Multi Objective Optimization Of Stir Casting Process Parameters Using Technique For Order Of Preference By Similarity To Ideal Solution (TOPSIS)’, Chiang Mai Journal of Science, 2022, vol. 49, no. 6, pp. 1663-1668.
5. **Vignesh P**, Bharath Kalyan P, Pradeep P, Sarvesh kumar R.K, ‘Behaviour monitoring sensor and alarm system for vehicle driver’ on International Research Journal of Modernization in Engineering Technology and Science, 2024, vol. 6, no.4, pp.9259-9266.
6. **Vignesh P**, Muthu pandi B, Bharath Kavinash K, Rohit Rajan R, ‘Electric Vehicle (EV) Trolley for Safe Material Handling’ on International Research Journal of Modernization in Engineering Technology and Science, 2024, vol. 6, no.4, pp.9274-9278.

#### 11. Workshop/Seminar/FDP/Conference Organized:

S.No.	Name of the Seminar / Conference organised	Number of Participants	Source of Fund
1	National Level Seminar on Recent trends in Robotics Engineering	120	TNSCST

#### 12. Patent:

S.No.	Application Number	Title	Status
1	406640-001	Fixture for friction stir welding	Design patent published
2	201741002243	Wear Behaviour of Aluminium Alloy 8011	Complete Registration with patent journal

### 13. Courses completed:

S.No.	Course Name	Title	Status
1.	NPTEL	Engineering Metrology	Elite
2.	NPTEL	Manufacturing Process Technology	Elite + Silver
3.	NPTEL	Manufacturing Process Technology I & II	Successfully Completed
4.	Coursera	Fundamentals of Material Science	Completed
5.	Coursera	Introduction of Mechanical Engineering Design and Manufacturing with Fusion 360	Completed
6.	Coursera	Safety in Utility Industry	Completed
7.	Coursera	The Effect of Fires on People, Property and Environment	Completed
8.	Certificate of Course Completion	EV Battery Technology, organized by CEST Anna University and Birds India Corporation	Completed



Signature  
(Name of the Faculty)  
P.VIGNESH