

Name : Dr.G.SATHYAPRIYA
Designation : Assistant professor
Mail ID:gsathyapriya_82@yahoo.co.in



➤ **Research Area:**

➤ **Educational Qualifications:**

Qualification	Department	Year (From -To)	Percentage	Class
B.E Mechanical Engineering	Mechanical Engineering	1999 - 2003	72.62%	First class
M.E Manufacturing Engineering	Manufacturing Engineering	2003 - 2005	73%	First class
Ph.D	Compliant Mechanism	2020		

➤ **Experience: (Years)**

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
		DD-MM-YYYY	DD-MM-YYYY	
University College of Engineering, Ariyalur	Assistant Professor	20.08.2009	Till Date	12 Years & 9 Months
University College of Engineering, Ariyalur	Assistant Professor(Contract)	12.09.2008	19.08.2009	11 Months & 7 Days
Dhanalakshmi Srinivasan Engineering College, Perambalur	Assistant Professor	18.06.2007	30.05.2008	11 Months & 12 Days
Shanmuganathan Engineering College, Arasampatti	Assistant Professor	11.07.2005	15.06.2007	1 Year & 11 Months

➤ **Additional / Academic Responsibilities at University:**

1. Head of the Department - 03.07.2015 to Till date

2. Deputy warden for Girls hostel – 04.10.2012 to Till date

3. Exam cell Co coordinator - 07.07.2017 to 06.07.2018

➤ **Completed B.E Projects: 40 batches**

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended: (Within India)**

- 1) Attended in three week Industrial Training on **'Mechanical Engineering Application In Telecom Industry'** from 28th June 2020 to 26th June 2020.
- 2) Attended in CFD- Anna university sponsored six day Faculty Development Programme on **'ME8501 Metrology and Measurements'** on 16th may 2019.
- 3) Attended in short term course **"certificate course on Effective Patent Search and Drafting – 2019(PAT DRAFT – 2019)"** during 2nd Dec 2019 to 6th Dec 2019.
- 4) Attended in ACITE sponsored two week Faculty Development Programme on **'Cutting Edge Technology and Contemporary Research in Mechanical Engineering'** from 10th June 2019 to 22nd June 2019.
- 5) Attended in TEQIP II sponsored two week Faculty Development Programme on **'Advanced Manufacturing Methods And Materials'** from 22nd June 2016 to 06th July 2016.
- 6) Attended in TEQIP II sponsored two week Faculty Development Programme on **'Advanced Manufacturing Process Automobiles'** from 20th may 2015 to 2nd June 2015.
- 7) Attended in one day workshop on **"Research Methodology"** on 12.09.2015 at Anna university Chennai.
- 8) Attended in two week Faculty Development Programme on **'Thermal Engineering Applications for Sustainable Improvement'** from 15th June 2015 to 28th June 2015.
- 9) Attended in Faculty Development Programme on **'GE6253 – Engineering Mechanics'** from 12th Dec 2014 to 18th Dec 2014.

- 10) Attended in ACITE sponsored two week Faculty Development Programme on **'Recent Research And Development In Manufacturing Process - II'** from 11th Nov 2013 to 24th Nov 2013.
- 11) Attended in TEQIP II sponsored two week Faculty Development Programme on **'Mathematical Modeling, Analysis And Optimization Of Mechanical System'** from 19th Dec 2013 to 27th Dec 2013.
- 12) Attended in one day workshop on **"Teaching Methodologies"** on 12.03.2011 at Anna university of Technology, Tiruchirappalli.

➤ **International Conferences Participated: 05**

- 1) Presented a paper **"Performance Study on its Obstacle Sensor For Automobile Braking System"**, ICISSETM 2018 held at Annapoorana Engineering College, Salem on 9th & 10th March 2018.
- 2) Presented a paper **"Design And Analysis Of Damper Using Compliant Mechanism In Lathe"**, ICISSETM 2018 held at University college of Engineering, Villupuram on 04th & 05th JAN 2018.
- 3) Participated and Presented a paper **"A Lecture Survey In Compliant Mechanism Using Topology Optimization"**, ICISSETM 2018 held at University college of Engineering, Villupuram on 04th & 05th JAN 2018.
- 4) Guest lecture in the National Level Technical Symposium **"Recent Trends Research in Optimization of Compliant Mechanism for vibration isolation"** on 15.02.2018
- 5) Presented a paper **"Optimization Of Tool Wear In Turning Operation Using Genetic Algorithm"**, Contemporary Approaches in Design and Manufacturing 2015 held at Alagappa Chettiar college of Engineering and Technology, Karaikudi on 23rd & 24th March 2005.

➤ **Publications :**

a. International Journals: 01

1. Sathyapriya, G & Natarajan, U 2019, 'Analysis of Compliant Damper and its effect on Turning operation for improving Surface Quality', International Journal of Rapid Manufacturing, DOI: 10.1504 / IJRAPIDM. 2019. 10020261, pp. 271-281.

➤ **Conferences: 04**

1. Presented a paper titled “Development of compliant mechanism for Vibration isolation system for manufacturing applications” in International Conference on Newer Engineering Concepts and Technology – 2K18at K.Ramakrishnan College of Technology, Trichy.
2. ICEMRE-2018’ “A Literature Survey in Compliant Mechanism using Topology Optimization ” , International conference on Engineering Materials and Renewable Energy , organized by Department of Chemistry , University College of Engineering , Engineering Villupuram from 04-01-2018 to 05-01-2018.
3. ICEMRE-2018’ “Design and Analysis of Damper using Compliant Mechanism in Lathe” , International conference on Engineering Materials and Renewable Energy , organized by Department of Chemistry , University College of Engineering , Engineering Villupuram from 04-01-2018 to 05-01-2018.
4. ICISSETM-2018’ “Performance Study on IR Obstacle Sensor for Automobile Braking System ” , International conference on Innovations in Science ,Engineering , Technology and Management organized by Annapoorana Engineering College , Salem held from 09-03-2018 to 10-03-2018.

DECLARATION:

I CERTIFY THAT THE INFORMATION FURNISHED ABOVE IS CORRECT TO THE BEST OF KNOWLEDGE AND BELIEF.

DATE:

Signature With date