



## Gnanasekaran V

I am an energetic and enthusiastic person seeking a new challenging **career** after 6 years of service in the teaching industry. I am now ready to take on a new challenge and want to work in the organization where I can apply my knowledge and experience to bring a high level of quality and service to a well-established and respected company

## SKILLS

Product Design

PLM

FMEA

DFMA

CAD

CREO 4.0

ANSYS 12.0

CATIA

## EDUCATION

Course	Institution	Year of Completion	CGPA / Marks (%)
ME (Product Design)	PSG College of Technology, Coimbatore	2015	7.60 CGPA
BE (Mechanical Engg)	University College of Engineering, Arni	2013	7.46 CGPA
HSC	Anderson Higher Secondary School, Kanchipuram	2009	88.83%
SSLC	Anderson Higher Secondary School, Kanchipuram	2007	91.20%

## WORK EXPERIENCE

S. No	Designation /Department	Institution	Year (From-to)
1.	Assistant Professor / Mechanical Engineering	AMET University, Chennai	July 2019 - Present
2.	Assistant Professor / Mechanical Engineering	Karpaga Vinayaga College of Engineering and Technology, Chengalpet	June 2015 - April 2019

## HONOR AWARDS

- ✓ **Cent Percent Award** – Produced cent percent results in “Computed Aided Product Design” in the year 2016.
- ✓ **Best Paper Award** – Vibration Analysis of Lead free solder joints.

## RESPONSIBILITIES

- ✓ Preparing quality research proposal to various funding agencies.
- ✓ Assist in preparing documents for NAAC/NBA.
- ✓ Placement Coordinator.
- ✓ Organizing committee member of International/National conferences.
- ✓ Proficient at designing innovative projects.
- ✓ Organized various guest lecture Programme for students.
- ✓ Take part in Industry visits.

## PUBLICATION DETAILS

**1. Publication Name and Type :** Journal of Xi'an University of Architecture & Technology (**UGC Journal**)

*Author(s) :* **V. Gnanasekaran**, J. Ekanthamoorthy

*Title:* Fatigue Estimation of Board Level Electronic Packages under Random Vibrations

*ISSN No:* 1006-7930

*Volume No & Year :* Volume-12, May 2020

**2. Publication Name and Type :** TEST Engineering & Management (**Scopus Indexed**)

*Author(s) :* **V. Gnanasekaran**, V. Leela Vinodhan

*Title:* Development, Manufacture and Characterization of Al-Si based wear Resistant Material

*ISSN No:* 0193-4120

*Volume No & Year :* Volume-82, February 2020

**3. Publication Name and Type :** International journal of Engineering and Advanced Technology (**Scopus Indexed**)

*Author(s) :* **V. Gnanasekaran**, P. Ramesh

*Title:* Design and Fabrication of Manually Powered Path Cleaner using Pulley Drives

*ISSN No:* 2249-8958

*Volume No & Year :* Volume-9, October 2019

**4. Publication Name and Type :** International Journal of Innovative Research in Sciences (**UGC Journal**)

*Author(s) :* **V. Gnanasekaran**, N. Karthikeyan

*Title :* Performance and emission characteristics of biodiesel from Pongamia oil, Methanol, KOH & its effects on CI Engine

*ISSN No:* 2319-8753

*Volume No & Year :* Volume 6, May 2017

**5. Publication Name and Type :** International journal of chemical sciences (**Scopus Indexed**)

*Author(s) :* **V. Gnanasekaran**, J. Ekanthamoorthy

*Title :* Failure analysis of solid carbide cutting tool used in milling operation

*ISSN No:* 0972-768X

*Volume No & Year :* Volume 14(2), 2016

## INTERNATIONAL / NATIONAL CONFERENCE ATTENDED

- ✓ Experimental Investigation of Mechanical properties of Banana fiber sisal fiber and risk husk reinforced with epoxy resin  
*AMET University, Chennai*
- ✓ Design and development of Groundnut pod stripping machine  
*Bharath University, Chennai.*
- ✓ Vibration control in a boring bar based on stability lobes  
*PSG College of Technology, Coimbatore*
- ✓ Influence of process parameters on tensile properties of used deposition modelling prototypes  
*Karpaga Vinayaga College of Engineering & Technology, Chengalpet*

## WORKSHOP ORGANIZED

- ✓ Automotive Technology (30<sup>th</sup> & 31<sup>st</sup> Aug 2017) *Goodwin Motors, Chennai.*
- ✓ Operation & Programming of Articulated Industrial Robot (25<sup>th</sup> Mar 2017) *Axis Global Institute of industrial Training, Coimbatore.*
- ✓ Industrial Automation (13<sup>th</sup> Apr 2016) *Innovation Engineering, Chennai*

## WORKSHOP ATTENDED

- ✓ Electrical Vehicle Technology (11<sup>th</sup> & 12<sup>th</sup> Oct 2019) *College of Engineering, Guindy.*
- ✓ 3D Printing Technology (28<sup>th</sup> Sep 2019) *College of Engineering, Guindy.*

## FDTP TRAINING PROGRAMMES ATTENDED

- |   |  |
|---|--|
| ✓ Engineering Mechanics (12/2019)<br><i>Velammal Institute of Technology, Chennai.</i>          | ✓ Instructional Design and Delivery System (07/2019)<br><i>NITTTR, Chennai</i>             |
| ✓ Finite Element Analysis (12/2017)<br><i>Rajalakshmi Engineering College, Chennai.</i>         | ✓ Engineering Mechanics (12/2017)<br><i>St. Joseph's Institute of Technology, Chennai.</i> |
| ✓ Product lifecycle Management (11/2017)<br><i>Adroitech Engineering Soln Pvt Ltd, Chennai.</i> | ✓ Kinematics of Machinery (06/2016)<br><i>Rajalakshmi Engineering College, Chennai</i>     |

## ACADEMIC PROJECTS

- ✓ Chatter Suppression of Boring bar based on Stability Lobe diagram (*Dec 2014 – Mar 2015*)  
*L&T, Coimbatore*
- ✓ Design and Development of Ergonomic Handle for MOP (*Jan 2014 – Apr 2014*)  
*PSG College of Technology, Coimbatore*
- ✓ Productivity improvement & Rejection analysis on Crown wheel & Pinion Machine cell (*Jan 2013 – Apr 2013*) *TAFE, Gears Division, Chennai*

## AREAS OF INTEREST

- Product Design and Development (PDD)
- Finite Element Analysis (FEA)
- Strength of Materials (SOM)
- Dynamics of Machines (DOM)
- Fluid Mechanics and Machines
- Machine Design
- Material Science & Engineering
- Machinery Vibrations & Diagnostics

## PROFESSIONAL MEMBERSHIP DETAILS

1. *Professional Society Name* : International Association of Engineers (IAENG)  
*Membership No*: 247870 (Lifetime Member)
2. *Professional Society Name* : Institute For Engineering Research and Publication (IFERP)  
*Membership No*: PMIN86137945 (Annual Member)

## LANGUAGES

English

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## PERSONAL INFORMATION

D.O.B : 09-01-1992  
Father Name : Venkatesan. E  
Permanent Address : No 1, Mettu Street, Magaral Village, Kanchipuram, 631 603.  
Temporary Address : No 10/2, GM Residency II, Rajiv Gandhi First street,  
Krishna Nagar, New Perungalathur,  
Chennai - 600063

I hereby declare you that all information furnished above are true to my knowledge.



[V.GNANASEKARAN]