

## Dr.P.Senthil Kumar, M.E., Ph.D.,

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### Objective

- Intends to be a professional by challenging the future to attain pinnacle with commitment and loyalty to the institution.
- To join an organization that provides me an opportunity to utilize my talents and, an environment to enhance my skills and to learn and explore new areas.

### (A). Educational Data

Course	Specialization	Institution	University / Board	Year of passing	% marks
Ph.D	MECH	Anna University	Anna University, Chennai	2017	
M.E	CAD	Government College of Engineering, Salem - 11	Periyar University	2000	72
B.E	MECH	V.M.K.V Engineering College,Salem.	University of Madras.	1994	60.3

### (B). Employment Data

#### (i). Teaching Experience in Educational Institutions:

S.No.	Name of the College	Designation	Date		Total Period
			From	To	
1.	Dhirajlal Gandh College of Technology, Salem.	Associate Professor	01.09.2016	Till Date	2 year & 7 Months
2.	PSV Engineering College, Krishnagiri	Associate Professor	01.07.2015	15.04.2016	10 Months
3.	A V S Engineering College, Salem.	Associate Professor & Head	07.02.2011	25.04.2015	4 Years & 2 Months
4.	Mahendra Engineering College, Namakkal	Assistant Professor	07.06.2000	25.01.2011	10 Years & 7 Months
5	Pee Gee Polytechnic College, Dharmapuri	Lecturer	19.08.1996	07.02.1999	2 Years & 7 Months

**(ii). Other Experiences: (Industry/Research/Consultancy etc)**

S.No	Name of the Employer & Address	Nature of Work	Date		Total Period
			From	To	Month
1	Bharath Electronics Limited, Chennai-600089	Graduate Apprentice	01.06.1996	01.06.1997	1 Year

**(C). Membership in Professional Bodies**

S.No.	Name of the Society	Nature of Membership
1.	The Indian Society for Technical Education, Delhi.	Life Member

**(D). Academic Achievements**

- Received Best Subject Staff certificate for achieving 100% result in Mechanical Engineering subject in the year 2001-02
- Appreciation awards for securing more than 95% in the following subjects
  - Computer aided Design
  - Industrial Robotics
  - Computer aided Manufacturing
  - Finite Element Analysis
  - Mechanical Vibrations
  - Tribology in Design
  - Production Planning and Control
  - Operation Research
  - Engineering Economics and cost analysis
  - Dynamics of Machinery
  - Advanced Mechanical Vibrations
  - Process Planning and Cost Estimation

**(D). Students Projects Guided**

- UG Projects – 30
- PG Projects – 12

**(E). National / International Conferences Publications**

- Presented a Paper on “**Literature Review of Piston Ring and Cylinder line**” in National Conference at Government College of Engineering, Calicut, 2011.
- Presented a Paper on “**Theoretical Analysis of Piston Ring and Cylinder Liner**” in National Conference at KSR College of Technology, Thiruchencode , 2013.

- Presented a Paper on “**Finite Element Analysis of Piston Ring and Cylinder Liner**” in National Conference at AVS Engineering College, Salem, 2013.
- Presented a Paper on “**Analysis of Cold Extrusion**” in National Conference at SRS College of Engineering and Technology, Salem, 2014.
- Presented a Paper on “**Experimental Analysis of Piston Ring and Cylinder Liner**” in International Conference at VelTech University, Chennai, 2015.

#### **(F). National / International Journal Publications**

- Published a paper on “**Experimental Analysis of Frictional Behavior of Piston Rings with Modified Profiles**” in International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 10, Number 2 (2015), pp3667-3684.
- Published a paper on “**Systematic Simulation of Cold Extrusion Process**” in Indian Journal of Science, 2015, 20(66), pp 15-18.
- Published a paper on “**Frictional Analysis of Cylinder Liner and Piston Ring with Optimization of Chamfer Angle using Taguchi Design Method**” in International on Recent Technology in Mechanical and Electrical Engineers. ISSN 2349-7947, November 16 volume3 issue 111, pp6-11.

#### **(G). Book Publication**

- Coauthored a book titled “**Manual on Workshop practice**”, for B.E (Iyear)Anna University syllabus.
- Coauthored a book titled “**Manual on Dynamics Lab**”, for B.E Mechanical Anna University syllabus.

#### **(H). Acted as Resource Person**

- Acted as Resource person in Anna University, **Faculty Development Program** on Kinematics of Machinery conducted at GKM College of Engineering and Technology, Chennai.

- Acted as jury in the Student Symposium, **Paper Presentation** session at Shreenivasa Engineering College, Bommidi.
- Acted as Resource person in Anna University, **Faculty Development Program** on Strength of Materials conducted at AVS College of Technology, Salem.
- Acted as Resource person in Anna University, **Faculty Development Program** on Design of Transmission System conducted at Mahendra Engineering College, Mallasamudram.

**(I). Seminar/Workshop attended:**

<b>Name of the Event</b>	<b>Venue</b>	<b>Title</b>
Seminar	Sona College of Technology, Salem.	Advances in Automation
FDP	Sri Ramakrishna Engineering College, Coimbatore	Kinematics of Machinery
Workshop	Government College of Engineering, Salem	Tribology
Workshop	A.C Tech College of Technology, Karaikudi	Surface Engineering
Seminar	GKM College of Engineering and Technology, Chennai	Research Excellence
Seminar	The Kavery college of Engineering, Mettur	Research Methodologies
Seminar	AVS Engineering College, Salem	Research View in Software
Seminar	NGP College of Engineering, Coimbatore	Industrial Tribology
Seminar	Government college of Engineering, Salem sponsored by IIT Mumbai	Heat and Mass Transfer
Seminar	Vidya Vikas College of Engineering, Tiruchencode sponsored by IIT Mumbai	Engineering Mechanics
Seminar	Government Polytechnic College, Madurai	CAM and CNC Machines

### **(J). Other Roles/Responsibilities**

- Preparation of ISO Formats
- ISO, NBA and NAAC Files incharge
- Anna University Coimbatore-Auditor
- College NEWS LETTER- Incharge
- Mechanical Engineering Department NBA Coordinator.
- **Acted as EMS Coordinator** Anna University-Coimbatore Exams.
- **Acted as Chief Superintendent** Anna university Chennai Exams
- **Acted as Nodal officer** Anna university Chennai exams(AU Zone VIII)
- Involved in various committees conducted at the College and Department Level functions

### **(K). Personal Profile**

Date of Birth : 7th July 1972.  
Sex : Male.  
Father's Name : Mr.K.Palani Samy  
Religion : Hindu.  
Nationality : Indian.  
Languages known : English, Tamil, Telegu

### **DECLARATION**

I hereby declare that the particulars furnished above by me are true to the best of my knowledge.



**Place : Salem**  
**Date : 03.05.2019**

**Signature**