

**P.SHANMUGASELVAM M.E(Ph.D)**

Mobile No: 9500029830

Email: shanmugaselvamp90@gmail.com

**CAREER OBJECTIVE**

To obtain a career in which I can make use of my skills and strengths to the success of an academic institution and also helps to Develop and promote creativity and higher order thinking skills that increases the performance of the students. So, I can continuously enhance my knowledge to contribute to the growth of the organisation to the best of my potential.

**PROFESSIONAL SUMMARY****Admission Coordinator:**

- Admission coordinator for South and West Zone of Tamilnadu
- Admission coordinator(Department). Filled 100% admission from 2017 with high cutoff marks.
- Organized 20+ career guidance programmes in schools every year.
- Organized Many outreach activities like Girls Talk Event, Workshops for school students, Ideathon for school students, Best teachers award function for school Teachers
- Excellent counselor for both parents and students.
- Established Center of Excellence in college.

**Academic Coordinator:**

- Produced excellent Academic results in anna university end semester examinations by planned and emergent strategy planning  
2017-18(ODD)-69%, 2017-18(EVEN)-78%, 2018-19(ODD)-83%, 2018-19(EVEN)-93%,  
2019-20(ODD)-82% (Department Overall Results)
- Syllabus committee member of department
- Academic planner coordinator for department
- Organized multiple events and programmes like Seminars, Guest Lectures, National Level Conference, Industrial Visit, Internship and Student Exchange Programme.
- Couple of time worked as a Department NBA coordinator and Awarded 736/1000 in first time.
- Couple of times worked as a Department NAAC coordinator.

**EDUCATIONAL DETAILS**

QUALIFICATION	INSTITUTION	BOARD/ UNIVERSITY	YEAR OF PASSING	CLASS WITH PERCENTAGE
Ph.D	ANNA UNIVERSITY	ANNA UNIVERSITY	PURSUING (THESIS	-

			SUBMITTED)	
M.E (CAD)	Government College of Engineering, Salem	Anna University	2015	First class 79
B.E (Mechanical Engg.)	Government College of Engineering, Salem	Anna University	2011	First class 82.22
HSC	S.B.K.B Hr.Sec.School	State Board	2007	83.8
SSLC	S.B.K Hr.Sec.School	State Board	2005	81.8

### **Work Experience:**

#### **Institution: Chennai Institute of Technology**

Period: 23.06.2015 to 10.07.2023

Department: Mechatronics Engineering

Designation: Assistant Professor

#### **Roles & Responsibilities:**

- Programme coordinator of Department( HoD Incharge From 2017-18 to till date)
- NBA and NAAC Department coordinator
- Admission committee member in college level
- Academic planner coordinator for the Department
- Guest Lecture & Professional Society coordinator
- Placement Training Coordinator
- Domain Subject Trainer for placement
- Industrial visit and Internship coordinator
- Organized 30+ social activities through NCC

#### **Institution: Government college of Engineering, Salem**

Period:20.08.2013 to 30.04.2015

Department: Mechanical Engineering

Designation: Teaching Associate

#### **Roles & Responsibilities:**

- Handled subjects for UG and was Part Time Student
- Involved in NBA Documentation process

#### **Institution: Gnanamani college of Engineering,Namakkal**

Period:01.08.2011 to 26.06.2013

Department: Mechanical Engineering

Designation: Lecturer

#### **Roles & Responsibilities:**

- Handling subjects for UG Students
- Class Advisor
- Member in admission team

#### **Overall Subject Handled:**

- Engineering Graphics

- Engineering Mechanics
- Strength of Materials
- Kinematics of Machinery
- Dynamics of Machines
- Design of Machine Elements
- Automobile Engineering
- Total Quality Management
- Process Planning and Cost Estimation
- Automotive Electronics

#### **Journals Published:**

- Shanmugaselvam Palaniyandi and Dhinakaran Veeman, 2022. "Experimental Investigation of Mechanical Performance of Basalt/Epoxy/MWCNT/SiC Reinforced Hybrid Fiber Metal Laminates". Materials Research (25), 20220174, 2022. <https://doi.org/10.1590/1980-5373-MR-2022-0174>. (Anna university Annexure– I listed journal, Impact Factor – 1.5)
- Shanmugaselvam, P. & Yogaraj, J.N. & Sivaraj, S. & Jayakrishnan, N.. (2020). Fabrication and evaluation of tribological behaviour and hardness of Aluminium-LM4 reinforced with nano alumina and micro Mo. Materials Today: Proceedings. 37. 10.1016/j.matpr.2020.06.036.
- Ezilarasan, Chakaravarthy & Xavier, Johnny & Shanmugaselvam, Palaniyandi & Balu, P. & Nagaraj, M.. (2021). Experimental analysis on machining attributes in milling of nickel based super alloy Nimonic C-263. Advances in Materials and Processing Technologies. 1-13. 10.1080/2374068X.2021.1945297.
- P. Shanmugaselvam, S. Sivaraj, P. Subash, Investigating the Wear and Hardness of Aluminium LM25 Alloy Reinforced With Nano Al<sub>2</sub>O<sub>3</sub> and Nano TiB<sub>2</sub>, Materials Today: Proceedings, Volume 16, Part 2, 2019, Pages 1130-1136, ISSN 2214-7853, <https://doi.org/10.1016/j.matpr.2019.05.205>.
- Shanmugaselvam P., Sasikumar R., Sivaraj S. (2019) Investigation of Hardness and Tribological Behaviour of Aluminium Alloy LM30 Reinforced with Silicon Carbide, Boron Carbide and Graphite. In: Hiremath S., Shanmugam N., Babu B. (eds) Advances in Manufacturing Technology. Lecture Notes in Mechanical Engineering. Springer, Singapore. [https://doi.org/10.1007/978-981-13-6374-0\\_62](https://doi.org/10.1007/978-981-13-6374-0_62)
- Shanmuga Selvam P, Robin Yogaraj J, Solomon Paul Raj I D, Dhinakaran V. (2020). Fabrication and Characterization of Aluminium and Carbon Fiber Laminate Composite. *International Journal of Advanced Science and Technology*, 29(3), 8602 - 8609. Retrieved from <http://sersc.org/journals/index.php/IJAST/article/view/10037>

- Kumaravel.A Surendran.R,Shanmugaselvam.P, Evaluation of wear and Hardness of LM25 Alloy reinforced with Nano Al<sub>2</sub>O<sub>3</sub> and Micro TiB<sub>2</sub>, International Journal of Applied Engineering Research, Volume 10,issue 68,pages 462-466
- P Shanmugaselvam, JN Robin Yogaraj, P Ragul, Bevan P John, Design and implementation of android based robot for grass cutting. AIP Conference Proceedings 2519, 040014 (2022); <https://doi.org/10.1063/5.0111078>

#### **Conference Publications:**

- Shanmugaselvam P, Robin Yogaraj J N, Ragul P, Bevan P John, Design and Implementation of Android Based Robot for Grass Cutting. AIP Conference Proceedings (ISSN 1551-7616)
- P.Shanmugaselvam, V. Mohanavel, R.Iyankumar, K.Mohith, Modeling and Fabrication of Pneumatic Pick and Place Gripper, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- P.Shanmugaselvam V. Mohanave, S.Ravi, K.Mohith, Design of Hydraulic Operated Furnace Door, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- N. Vinoth, P.Shanmugaselvam, V. Mohanave, K.Mohith, Hybrid Electric Vehicles (HEV) Clean Fuel Saving Technology, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- Alisha.S.K1\* , Dr.C.Ezhilarasan2 , P.Shanmugaselvam, SMART NVH KIT, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- Prakash.E, P.Shanmugaselvam1, K.Mohith, Design of Automated Guided Vehicle for tour guidance, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- P.Shanmugaselvam, V. Mohanavel,E.Prakash, Design of automatic collision avoidance system using pneumatic bumper, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- Prakash E, Dr.C.Ezhilarasan, P.Shanmugaselvam, Design and fabrication of multipurpose machining device, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4
- V. Mohanavel, P.Shanmugaselvam, M.Sundar, K.Mohith, Design of Blade Shaft Assembly Fixture Using Solid Work Software, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4

- V. Mohanavel, P.Shanmugaselvam, R.Iyankumar, K.Mohith, Development of Pneumatic Gear Shifting Mechanism, Proceedings of National Conference on Recent Trends in Automation, Volume 1, Issue 1, July 2020 1 ISBN; 978-93-5407-880-4

**Patent Published:**

- “Seed Sower” Patent file No-201841018420
- “Tricycle reversing mechanism” Patent file No-201841017463
- “Design and innovation of flexible/portable writing pad for chairs” Patent file No-201841016399

**PERSONAL INFORMATION**

Father Name : S.Palaniyandi  
Date of Birth : 09 April 1990  
Marital Status : Married  
Nationality : Indian  
Languages Known : English, Tamil  
Present Address : 12A/26, Mookambikai Enclave  
Devikarumariamman Nagar 2<sup>nd</sup> street  
Sunnambu Kolathur  
Chennai –600117

**DECLARATION**

I hereby declare that the above furnish details are true to the best of my knowledge.

**Place : Chennai**

**Signature**

**Date :**

**P.SHANMUGASELVAM**