

Dr. D. Jeyasimman Profile

Dr. D. JEYASIMMAN. B.E., M.E., Ph.D.,

Associate Professor & Head,

Department of Mechanical Engineering,
Periyar Maniammai Institute of Science &
Technology, Thanjavur. 613403.

[Google Scholar citations](#)

Total Citations: 230 h-index: 7

ORCID ID: 0000-0002-0780-9609

Scopus Author ID: J-5317-2019

Cumulative Impact Factor: 34.43



Educational Qualification:

Course	Board/University	Year of Passing
Ph.D. (Full Time)	National Institute of Technology, Trichy-15 (Central University)	March 2015
M.E (Manufacturing Engineering) (Full Time)	National Engineering College, kovilpatti (Anna University)	May 2004
B.E (Mechanical) (Full Time)	Institute of Road and Transport Tech., Erode (Bharathiyar University)	May 1998

Total Experience: 18 Years

Teaching Experience: 12 Years and 6 months

Industrial Experience: 2 years and 6 months

Research Experience: 3 Years

Name of the Organization	Designation	Period of Employment	
		From	To
Periyar Maniammai Institute of Science and Technology. Thanjavur.	Associate Professor & Head of Department	Feb. 2016	Till Date
Periyar Maniammai Institute of Science and Technology. Thanjavur.	Associate Professor	Nov. 2015	Till Date
Periyar Maniammai Institute of Science and Technology. Thanjavur.	Asst. Professor (Senior Scale)	Sep 2014	October 2015
National Institute of Technology, Tiruchirappalli.	Research Scholar (Full Time)	Aug. 2011	Aug. 2014
Periyar Maniammai University. Thanjavur.	Asst. Professor	June 2009	July 2011

K.L.N. College of Engg., Madurai	Lecturer	June 2007	June 2009
Bharath Niketan Engineering College. Aundipatti	Sr.Lecturer	Sep. 2006	June 2007
Odayiappa College of Engg. &Tech. Theni.	Lecturer	June 2005	Sep. 2006
Vickram College of Engineering. Madurai	Lecturer	Jan. 2005	June 2005
Lakshmi Industrial Works, Trichy	Production Engineer	Sep. 2000	March 2002
Tamil Nadu State Transport Corporation, Dindigul	Asst. Engineer (Apprenticeship Training)	Aug. 1999	Aug. 2000

Research Working Area: Nanocomposites, Mechanical Alloying, Powder Metallurgy, Characterization, Dry sliding wear and hot deformation of nanocomposites.

Subjects Handled:

- | | |
|---------------------------------|------------------------------|
| [1] Engineering Graphics | [2] Manufacturing Technology |
| [3] Thermal & Fluid Engineering | [4] Fluid & Solid Mechanics |
| [5] Mechatronics | [6] Basic Engineering |
| [7] Engineering Mechanics | [8] Thermodynamics |
| [9] Heat and Mass Transfer | [10] Dynamics of Machines |

Ph. D. Research Title: Effects of various reinforcements on synthesis, characterization, workability and dry sliding wear behavior AA 6061 nanocomposites prepared by Mechanical Alloying

Awards Received:

1. IGIP International Engineering Educator Award-2020 (as the title of Ing. Paed. IGIP) for curriculum design for Engineering courses from International Society of Engineering Pedagogy, Austria.
2. HOD of the Year Award 2020 from Institute of Scholars, Karnataka, India.
3. Academic Excellence Award 2020 from Institute of Scholars, Karnataka, India.
4. Engineer's Day Award 2020 for my research contribution in the field of Nanocomposites from Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur, Tamil Nadu, India.
5. Best Commendable Work Award for the year 2018-2019 from Periyar Maniammai Institute of Science and Technology, Vallam, Thanjavur.
6. Letter of Appreciation for Dedication and Commitment towards Teaching, Mentoring and Research from Vice Chancellor, PMIST, Thanjavur.

7. Secured Second Rank in M.E. Manufacturing Engineering in National Engineering College, Kovilpatti.
8. Annual Cash Award (Rs 20,000/-) for my research contribution-publication an article in high impact factor journal for the year 2015
9. Annual Cash Award (Rs 20,000/-) for my research contribution-publication an article in high impact factor journal for the year 2017.
10. Best Research Paper Award for the Year 2015.

Research Grant received:

1. One lakh rupees (Rs 1, 00,000 /-) for my research work from the Director, NIT, Trichy.
2. Fifty Thousand rupees (Rs 50,000 /-) as seed money for my research work from the Registrar, PMIST, Vallam, Thanjavur.

Ph.D. Guide ship:

Completed: 1

1. Mr.S.Saravanan- "Investigation of Spring Back Effect on High Strength Sheet Metals"-August 2020.

Thesis Submitted: 1

1. Mr.N.Ramasamy- Analysis on angular distortion and control of Plug welded steel structure"-June 2020.

On-going:6

1. Mr. Varaprasad Kavity- Dry Sliding wear behavior of Magnesium alloy nanocomposites reinforced with nano Al₂O₃ and BN particles- Synopsis Preparation.
2. Mr.C.V.Govindan- Welding Defect Inspection and analysis –Synopsis Preparation
3. Mr.Syed Bava Bakrudeen- Shape Memory alloy nanocomposites by Mechanical Alloying- Comprehension Viva Completed.
4. Mr.M.Prabakaran- Laser Machining of High Entropy Alloy- Comprehension Viva Completed.
5. Mr.L.Chandrasekaran-Investigation on Mechanical Properties of Aluminium composites- Comprehension Viva Completed
6. Mr.V.Nagaraj-Development of novel Aerospace Materials- Course work.

Publications: 34

Elsevier Journals-7

Total Cumulative Impact Factor- 29.246

1. **Jeyasimman, D.**, S.Sivasankaran, K.Sivaprasad, R.Narayanasamy and R.S.Kambali (2014) An investigation of synthesis, consolidation and mechanical behaviour of Al 6061 nanocomposites reinforced by TiC via mechanical alloying, *Materials & Design* **57**, 394-404. **IF- 5.770**
2. **Jeyasimman, D.**, K.Sivaprasad, S.Sivasankaran and R.Narayanasamy (2014) Fabrication and consolidation behavior of Al 6061 nanocomposite powders reinforced by multi-walled carbon nanotubes, *Powder Technology*, **258**, 189-97. **IF- 3.413**
3. **Jeyasimman, D.**, R.Narayanasamy, R.Ponalagusamy, V.Anandakrishnan and M.Kamaraj (2014) The effects of various reinforcements on dry sliding wear behaviour of AA 6061 nanocomposites. *Materials & Design*, **64**, 783-793. **IF- 5.770**
4. **Jeyasimman, D.**, K.Sivaprasad, S.Sivasankaran, R.Ponalagusamy, R.Narayanasamy and Vijay Kumar Iyer (2015) Microstructural observation, consolidation and mechanical behavior of AA 6061 nanocomposites reinforced by gamma-Al₂O₃ nanoparticles. *Advanced Powder Technology*, **26**, 139-148. **IF-3.250**
5. **Jeyasimman, D.**, R.Narayanasamy and R.Ponalagusamy (2015) Role of hybrid reinforcement on microstructural observation, characterization and consolidation behavior of AA 6061 nanocomposites. *Advanced Powder Technology*. **26 (4)**, 1171-1182. **IF- 3.250**
6. **D.Jeyasimman** and R.Narayanasamy (2015) Effect of coarse grain content on microstructure, cold workability and strain hardening behavior of trimodaled AA 6061 nanocomposites reinforced with multi-walled carbon nanotubes. *Advanced Powder Technology*. **27 (4)**, 1845-1851. **IF- 3.250**
7. Varaprasad Kavity, **D.Jeyasimman**, Gururaj, Manoj Gupta, R.Narayanasamy (2018) Investigations on Dry sliding wear behavior of Mg/BN nanocomposites. *Journal of Magnesium and alloys*. **6**, 263-276. **IF-4.523**

Other Scopus Journals-9

Total Cumulative Impact Factor-5.184

8. N.Ramasamy, **D.Jeyasimman**, R.Kathravan, N.Raju. (2019) Influence of Welding sequences on Residual Stresses induced in-as Welded plug of Low-Carbon Steel Plate. *Trans Indian Inst Metals* **72(5)**, 1361-1369. **IF-1.205**
9. Varaprasad Kavity, **D.Jeyasimman**, Gururaj, Manoj Gupta, R.Narayanasamy and Praveennath G Goppad(2019) Improving the friction and wear Characteristics of AZ31 alloy with addition of Al₂O₃ nanoparticles. *Materials Research Express*. **6**, 12. **IF-1.449**
10. N.Ramasamy, **D.Jeyasimman**, N.Raju. (2020) Effect of Intermetallic Compounds and Inclusions in Normalizing Rolled C–Mn Steel Plate Butt Joint Failure. *Transactions of the Indian Institute of Metals* volume **73**, pages2333–2343. **IF-1.205**
11. S Saravanan, M Saravanan, **D Jeyasimman** (2018) Study on Effects of Spring back on Sheet Metal Bending Using Simulation Methods. *International Journal of Mechanical and Production Engineering Research and Development*. Vol.8, Issue 02, Apr.2018. **IF-0.413**
12. S Saravanan, M Saravanan, **D Jeyasimman**, M Vairavel (2018) Review-Methods and measurements of Spring back Evaluation. *International Journal of Mechanical Engineering and Technology*. Vol.9, Issue 05, May.2018. pp 1079-1090. **IF-0.290**
13. S. Saravanan, M. Saravanan, **D. Jeyasimman** (2019) Experimental Prediction and Investigation of Spring Back In U Bending Profile Process Using RSM and ANOVA. *International Journal of*

14. S. Saravanan, M. Saravanan, **D. Jeyasimman** (2019) Study of Spring Back Effects on U-Bending Profile Process in Common Metal. International Journal of Mechanical and Production Engineering Research and Development. Vol.9, Special Issue 02, June 2019, 752-759. **IF-0.413**
15. **D. Jeyasimman**, V. Senthilkumar, R. Narayanasamy (2019) Hot Deformation Response of Al 6061-MWCNTs Alloy Composites. International Journal of Innovative Technology and Exploring Engineering. Vol.8, Issue 12, Oct.2019, 27-32. **IF-0.102**
16. I.Karthic Subramaniyan, P.K. Srividhya, **D. Jeyasimman** (2019) Effect of Feeding Technique in Mechanical Behaviour of Sic/Tio2 Reinforced AA 6082 Composites. International Journal of Recent Technology and Engineering. Vol.8, Issue 03, Sep.2019, 8233-8236. **IF-0.107**

Other International Journals-12

17. D.Sudhakar, **D.Jeyasimman**, Duraiselvam (2015) Dry sliding wear of behavior of Cr₃C₂-NiCr coating on austenitic stainless steel. International Journal of Core Engg & Management, **1 (12)**, 2015, 215-225.
18. I.Karthic Subramanian, **D.Jeyasimman**, A. Manivannan and J.Kesavan (2015) Optimization of surface roughness parameters for EN 8 steel by tungsten carbide tool in turning operation. International Journal of Advanced Engineering and Technology. **4 (06)**, 776-781.
19. D.Sudhakar, **D.Jeyasimman**, M.Duraiselvam, R.Thiyagarajan (2015) An investigation of dry sliding wear behavior of hybrid (Al₂O₃ +TiO₂) coating on austenitic stainless steel. International Journal of Advanced Research in Biology, Ecology, Science and Technology. **1 (03)**, 24-28.
20. A.Mohammed Ismail, **D.Jeyasimman**, A.manivannan (2015) An investigation of heat affected zone in tailor welded AA 5052 and AA 6061 alloy blank materials. International Journal of Innovative Science, Engineering and Technology, **2 (8)**, 158-162.
21. **Jeyasimman, D.**, R.Narayanasamy, Ujendra Kumar Komal, (2016) Effects of a coarse grain matrix phase in AA 6061-TiC nanocomposites on microstructure, cold workability and strain hardening behaviour. International Journal of Advanced Engineering and Technology. Vol.5, Issue 01, Jan.2016.
22. **D. Jeyasimman**, K.Gurunathan and R.Narayanasamy (2016) Drysliding wear behavior of AA 6061-MWCNTs nanocomposites prepared by Mechanical Alloying. IOSR Journal of Mechanical and Civil Engineering. Vol.13, Issue 04, Aug.2016. 46-53.
23. R Thiyagarajan, **D. Jeyasimman** (2017) Design of Snap Fit for plastic press button and Mold Engineering. International Journal of Trend in Research and Development. Vol.4, Issue 02, Apr.2017. 804-809.
24. C.V.Govindan, **D.Jeyasimman**, M.Ganesh, R.Narayanasamy (2019) Defect Inspection Based on Segmentation and Defective Tracking in Radiographic Image. International Journal of Recent Technology Research. Vol. 8, Issue 4, November 2019. 11228-11236

25. N. Ramasamy, **D. Jeyasimman** (2020) Performance Analysis of Chromium Carbide Overlay in Coal Nozzle Tip for Utility Boilers. International Journal of Innovative Technology and Exploring Engineering. Vol.9, Issue 3, January 2020. 2122-2127.
26. S.Saravanan, M.Saravanan, **D. Jeyasimman**, S.Vithya and M.Vairavel (2020) Experimental Prediction and investigation of spring back in U bending profile process modeling Using Artificial Neural Network. International Journal of Innovative Technology and Exploring Engineering. Vol.9, Issue 5, March 2020. 110-115.
27. S.Saravanan, M.Saravanan, **D. Jeyasimman**, S.Vithya and M.Vairavel (2020) Art of single-step analytical analysis for spring back-formation in U bending forming process International Journal of Innovative Technology and Exploring Engineering. Vol. 9, Issue 5, March 2020.116-122.
28. R.Suresh, A. Ahamed Jasim, O. R. Amal Nagdev, B. Binny Sabin, V. Nagaraj, **D. Jeyasimman** (2020) Design and Analysis of Remotely Amphibious Drone. International Journal of Innovative Technology and Exploring Engineering. Vol.9, Issue 5, March 2020. 284-287.

National Journals-6

29. **Jeyasimman, D.**, R.Ponalagusamy, R.Narayanasamy, R.S.Kambali, Vijaykumar Iyer. A comparative study of Nano-size reinforcement on peak broadening analysis of Al 6061 alloy nanocomposite. Transactions of PMAI, Vol 40 (2), December 2014.
30. **Jeyasimman, D.**, K.Sivaprasad, V.Senthilkumar and R.Narayanasamy. Carbon nanotube reinforced aluminum alloy composites- a Review. Journal of Manufacturing Engineering, June, 2013, Vol.8, Issue 2, pp 75-84.
31. **Jeyasimman, D.**, M.Ramprakash and V.Sekar. Copper and Molybdenum Wire Electrode Performance on die steel in Wire cut EDM using Taguchi Method. PMU Journal of Engineering and Technology vol. 3, no 3, July 2011.
32. R Udhayasankar, **D Jeyasimman**, D Sudhakar. Optimization of microstructure and mechanical behavior of Aluminum metal matrix composites produced by stir casting subjected to friction stir processing. Indian Journal of Scientific Research. May.2017. Vol.14, Issue 1, pp 223-227.
33. **D Jeyasimman**, V Govindhan. Frequency domain based automatic spot welding defect detection. Indian Journal of Scientific Research. May.2017. Vol.14, Issue 1, pp 378-383.
34. Syed Bava Bakrudeen, **D Jeyasimman**. Contemplation of Microstructure deflection of butterfly valve disc using aluminium (1100) and Al-SiC15% composite material. Indian Journal of Scientific Research. May.2017. Vol.14, Issue 1, pp 152-158.

International Conferences-6

1. **Jeyasimman D (2020)** Participated in the International Conference on “Combating Climate Change, Saving Lives and Sustainable Development” held on January 23rd & 24th 2020 organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.
2. **Jeyasimman D (2019)** Participated and Presented in the International Conference on “Trends in Emerging Energy Technologies” held on March 12th & 13th 2019 organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.

3. **Jeyasimman, D.,** K.Gurunathan, D.Sudhakar, R.Narayanasamy. (2015) Dry sliding wear behaviour of multi-walled carbon nanotubes reinforced AA 6061 nanocomposites prepared by mechanical alloying. International conference on Nanostructured Polymeric Materials and Polymer Nanocomposites (**ICNPM 2015**) conducted by Mahatma Gandhi University, Kottayam, 13-15 November 2015.
4. C.Sinthani Selvan, **D.Jeyasimman,** C. Thenmozhi. (2015) Microwave synthesis and sintering of pure metals, ceramics and metal matrix composites- a Review. International Conference on Advances in Materials, Manufacturing and Applications (**AMMA-2015**) conducted by National Institute of Technology, Tiruchirappalli. April 9-11, 2015.
5. **Jeyasimman, D.,** Ponalagusamy, R., Narayanasamy, R., Kambali, R.S., Vijayakumar Iyer. (2014) A comparative study of nano-size reinforcement on peak broadening analysis of Al 6061 alloy nanocomposite. International Conference on Powder Metallurgy 2014 (**PM'14**), Chennai, January 23-25, 2014.
6. **Jeyasimman, D.,** Sivaprasad, K., Senthilkumar, V., Narayanasamy, R. (2013) Carbon nanotube reinforced aluminum alloy composites- A Review. International Conference on Recent Advances in Materials Processing Technology (**RAMPT' 13**) conducted by National Engineering College, Kovilpatti, January 07-09, 2013.

National Conferences-4

1. Varaprasad Kavity, **D.Jeyasimman,** R.Narayanasamy. (2018) “Imperative Ideas in Engineering and science for a Paradigm shift” at Gopalan college of Engineering and Management, Karnataka on 17th August 2018.
2. **Jeyasimman D** (2016) participated in Two Days National Conference on “Bio-Energy for Sustainable Development” held on February 12th & 13th 2016 organized by Periyar Maniammai Institute of Science and Technology, Thanjavur.
3. D.Sudhakar, **D.Jeyasimman,** P.Pandiyaraj (2015) Tribological behavior of Cr₃C₂.NiCr coating on austenitic stainless steel. National conference on “Energy and Manufacturing Scenario-2015” (**NCEMS'15**) conducted by Kings College of Engineering, March 14, 2015.
4. **Jeyasimman, D.,** Ramprakash, M., Sekar, V. (2011) Copper and Molybdenum wire Electrode Performance on die steel in Wire cut EDM using Taguchi Method. National conference on “Recent Advances in Manufacturing and Materials” (**RAMM'11**) conducted by Chenduran College of Engineering and Technology, April 08-09, 2011.

Membership- 4 Nos

1. Life Member in Indian Nuclear Society. (Membership No: LM 9154)
2. Life Member in Indian Powder Metallurgy Association of India. (Membership No: LM 83015)
3. Life Member in Indian Society for Technical Education. (Membership No: LM 129840)
4. Life Member in Institute of Scholars (Membership No: LM 20200527)

Workshops/Seminars/Conferences/convocation Organized- 15 Nos

Sl. No	Title	Period	Details
1.	Higher Education Opportunities in Abroad	10.09.2020	Convenor for Webinar conducted by Department of Mechanical Engineering.
2.	International Conference on “Combating Climate Change, Saving Lives and Sustainable Development”	23.01.2020 To 24.01.2020	Coordinator for the International Conference at Periyar Maniammai Institute of Science and Technology.
3.	Faculty Development Program on Additive Manufacturing	11/07/2019 to 17/07/2019	Coordinator for Faculty Development Program
4.	International Conference on “Trends in Emerging Energy Technologies”	12/03/2019 to 13/03/2019	Co-Convenor for International conference at Periyar Maniammai Institute of Science and Technology.
5.	Convocation 2018	06/10/2018	Co_Convenor for 26 th Convocation-Periyar Maniammai Institute of Science and Technology, Thanjavur.
6.	International Conference on Emerging Trends in “Engineering, Science & Sustainable Technologies”	20/02/2017 To 21/02/2017	Two days International conference conducted by PMU in collaboration with Cape Breton University
7	Faculty Development Program on “Experimental Methods and Laboratory practices in Mechanical Engineering”	22/05/2017 to 27/05/2017	Convener for Faculty Development Program
8.	Convocation 2016	2016	Co_Convenor for 24 th Convocation-Periyar Maniammai Institute of Science and Technology, Thanjavur.
9.	National Conference on “Bio-Energy for Sustainable Development”	12/02/2016 to 13/02/2016	Two days National conference conducted by Periyar R&D for Solar and Bio-Energy.
10.	ISTE Coordinators Workshop on Thermodynamics in Mechanical Engineering	14/06/2011 to 25/06/2011	Ten days ISTE Workshop for faculties as a coordinator. (under the National Mission on Education through ICT by MHRD)
11.	Value of Life and Power of Youth	13/11/2010	One day workshop for NSS students as a coordinator.
12.	Accident free driving techniques	09/09/2010	One day workshop for University Drivers as a coordinator.
13.	Valuation by Engineers	29/04/2015	One day workshop for Mech, EEE and Civil students as a coordinator.
14.	Motivation towards Entrepreneurship	25/09/2015	One day seminar for entrepreneurship society student members of PMU.
15.	Awareness about Entrepreneurship	08/10/2015	One day seminar for entrepreneurship society student members of PMU

Guest Lectures Delivered /Invited Lectures as Resource Person - 4 Nos

Sl. No	Title	Period	Details
1.	Mechanical Alloying of Nanocomposites-	07.09.2020	Online Webinar conducted by Gnyanamani College of Engineering, Namakkal, Tamil Nadu
2.	Application of Nanocomposites	17.08.2020	AICTE-ATAL FDP on Novel Materials-Resource Person in one session conducted by Government College of Engineering, Thanjavur, Tamil Nadu
3.	Aluminium Alloy Nanocomposites and its Characterization Studies	13/06/2020	Online Webinar conducted by Kings College of Engineering, Thanjavur, Tamil Nadu
4.	Manufacturing Processes	23/11/2010	One Day workshop on “Rapid Prototyping and Manufacturing Processes” at Periyar Maniammai University.

Seminars/workshops/Faculty Development Programs attended**One Year Program**

1. IUCEE-International Engineering Educator Certification Program conducted by IUCEE (USA), Microsoft & IGIP (Austria) from Sep.2015 to June 2016.

Other Programs**Online Webinars attended -42 Nos****Total Number of FDP/Workshop/Seminar attended: 39****Number of Days attended: 171**

Sl. No	Title	Date	Organized by
1.	AICTE online ATAL FDP on Blended Learning and Flipped Classroom	10.08.2020 To 14.08.2020	Sardar Valla Bhai NIT-Surat.
2.	AICTE Online FDP on Examination Reforms	15.04.2020 To 18.04.2020	AICTE
3.	One week online FDP on LaTeX	26.04.2020 To 2.05.2020	Padmabhooshan Vasantrodada Patil Institute of Technology –Sangli-IIT Bombay
4	National Level Workshop on NIRF India Ranking	21/11/2019	IQAC Marian College, Kuttikkanam, Ernakulum Kerala
5	Web of Science Advanced Series	07/10/2019	Web of Science-Clarivate Analytics
6	Eight Weeks Online FDP on “Courseware creation using Moodle for outcome based	8/07/2019 to 05/09/3019	Human Resource Development Centre (HRDC), Integral University, Lucknow.

	education” (with CO-PO attainment as per NACC/NBA Presentation.		
7	Introduction to the patent cooperation treaty	07/09/2019	WIPO Academy
8	Two day Management Development Programme on Teaching Learning Process	16/08/2019 to 17/08/2019	IQAC, PMIST, Thanjavur
9	Two days National Workshop on “Basic Concepts of Effective Research Planning, Scientific writing & Successful Communication”	19/07/2019 to 20/07/2019	Research Office, PMIST, Thanjavur
10	Two days seminar on “Technology Enabled Teaching Learning Strategies towards Quality Enhancement in Higher Education”	11/04/2019 to 12/04/2019	IQAC, PMIST, Thanjavur
11	Moodle Learning Management System	15/03/2019	Teaching Learning Centre (ICT) at IIT Bombay
12	One Day workshop on “Curricular aspects”	07/03/2019	IQAC, PMIST, Thanjavur.
13	Pedagogy for online and Blended Teaching-Learning Process	14/09/2017 to 14/10/2017	IIT Bombay
14	Foundation Program in ICT for Education	03/08/2017 to 07/09/2017	IIT Bombay
15	“Skill Up-gradation and Training needs for University Teachers”	27/01/2017 to 28/01/2017	PMIST, Thanjavur
16	One day Seminar on “Language of Health and Mind”	18/04/2016	VMCQLER, PMIST, Thanjavur
17	ISO 9001:2008 Internal Quality Auditor Course	17/03/2016 to 18/03/2016	PMIST, Thanjavur
18	Solutions for Challenges in Doing Research	19/02/2016	Dept. of EEE, PMU.
19	Question Paper Setting and Evaluation Reforms	28/12/2015 to 29/12/2015	Controller of Examinations, PMU.
20	“Engineering Physics”	08/12/2015 to 18/12/2015	NME through ICT (MHRD, Govt. of India) & Periyar Maniammai University
21	“Accreditation Awareness Programme”	27/11/2014 to 29/11/2014	ISTE -44th annual national convention, College of Engineering Trivandrum.
22	“Technical Paper Preparation using LATEX Software”	05/07/2012 to 06/07/2012	NIT, Trichy
23	“Engineering Materials and Manufacturing Technology”	25/06/2012 to 30/06/2012	Department of Materials and Metallurgical Engineering, National Institute of Technology, Tiruchirappalli.

24	Workshop on “Electron Microscopy”	04/11/2011 to 05/11/2011	Department of Physics, National Institute of Technology, Tiruchirappalli.
25	“Recent Trends in Composite Materials and its Processing”	07/10/2011 to 08/10/2011	KPR Institute of Engineering and Technology, Coimbatore.
26	“ISTE Coordinators Workshop on Thermodynamics in Mechanical Engineering”.	21/02/2011 to 25/02/2011	Department of Mechanical Engg, IIT Bombay under the National Mission on Education through ICT by MHRD.
27	“Simulation and Modeling”	01/01/2011 to 02/01/2011	Department of Mathematics, PMU
28	“e- Time table”	07/12/2010	Department of Architecture, PMU
29	“Rapid Prototyping and Manufacturing Processes”	23/11/2010	Periyar Maniammai University.
30	“Value of Life and Power of Youth”	13/11/2010	Periyar Maniammai University.
31	"Instructional Design and Delivery System"	28/10/2010 to 30/10/2010	NITTR, Taramani at Periyar Maniammai University.
32	“Accident Free Driving Techniques”	09/09/2010	Periyar Maniammai University.
33	"Current Trends in Industrial Automation"	29/02/2010 to 30/02/2010	Institution of Engineers Trichy Chapter conducted a National Seminar held at NIT, Trichy.
34	“Population Based Evolutionary Techniques in Design & Manufacturing”	11/05/09 to 12/05/09	Department of Mechanical Engineering. K.L.N. College of Engineering. Madurai.
35	“Micromachining”	18/12/2008 to 19/12/2008	Department of Production Engineering. National Institute of Technology. Trichy.
36	"Orientation Programme on Teaching Methodologies"	24/08/2007 to 25/08/2007	K.L.N. College of Engineering. Madurai
37	"Orientation and Teaching Methodologies for novice lecturers"	29/06/2007 to 30/06/2007	K.L.N. Information Technology. Madurai.
38	"Professional Ethics"	18/04/2005 to 23/04/2005	K.L.N. College of Engineering. Madurai.
39	"Design and Drawing for Manufacture"	06/09/2002 to 08/09/2002	ISTE short-term training programme on “Design and Drawing for Manufacture” held on National Engineering College.

Recognitions and Achievements

1. Microsoft Certified Educator (2016).
2. Most downloaded article for the year 2014. (840 download/ Year-2014).
3. Chair Person for International conference on Nanostructured Polymeric Materials and Polymer Nanocomposites (ICNPM 2015) conducted by Mahatma Gandhi University, Kottayam, 13-15 November 2015.
4. Editorial Board Member for Journal of Material Science and Technology Research.

5. Reviewer for Elsevier Journals -Journal of Magnesium and alloys, Alexandria Engineering, Materials Today and Vacuum.
6. Reviewer for Material Research Express, Materials Performance & Characterization and Advances in Mechanical Engineering
7. Reviewer for Metals & Materials International and Expert Systems
8. Doctoral Committee Member for Research Scholars from Govt. Engineering Colleges and Anna University, Chennai.
9. Examiner for setting Question Paper for Jawaharlal Nehru Technological University Kakinada (JNTU- Karnataka).
10. Reviewer for Seventh International conference on Transformations in Engineering Education (ICTIEE 2020) from Jan 5 to 8, 2020 held at Anurag Group of Institutions, Hyderabad.

Administrative Accomplishments

1. Head of Department.
2. Deputy Director-Admission.
3. BOS Chairman & Member.
4. Chair Person for Central Valuation and Question Paper Setting.
5. Chief Examiner.
6. Academic Council Member.
7. NIRF coordinator & NAAC Criteria III Coordinator.
8. Thesis Evaluating Committee Chairman.
9. Associate Editor for PMUNews Bulletin.
10. NSS Programme Officer.
11. Transport In-charge.
12. Department Library In-charge.
13. Research Coordinator, Class In-charge, Class mentor.