

BRIEF RESUME



- 1. Name** : **Dr. Vaddi Seshagiri Rao**
PROFESSOR and PRINCIPAL,
St. Joseph's College of Engineering,
OMR, Chennai 600119.
- 2. Email(s)** : principal@stjosephs.ac.in, raosvaddi@gmail.com
- 3. contact number(s)** : 9444069916, 044 24503237, 044 22600609
- 4. Date of Birth** : 16-07-1967
- 5. Academic Qualification** :
- **Ph.D.** in Mechanical Engineering, 2005, Jawaharlal Nehru Technical University, Hyderabad (Thesis: Design and Analysis of Multi-Function Control Robotic System).
 - **M.E.** in Mechanical Handling, 1994, Andhra University, Visakhapatnam, AP.
 - **B. Tech.** in Mech. Engineering, 1989, Acharya Nagarjuna University, AP.
 - **MBA** (Operations Management), 2009, IGNOU, New Delhi

6. Work experience:

S. No.	Positions held	Name of the Institute	From	To
1.	Principal	St. Joseph's College of Engineering	01-04-2014	Till date
2.	Professor & Head	St. Joseph's College of Engineering	01-06-2008	31-04-2014
3.	Professor	St. Joseph's College of Engineering	01-06-2005	31-05-2008
4.	Assistant Professor	St. Joseph's College of Engineering	01-06-1997	31-05-2005
5.	Lecturer	St. Joseph's College of Engineering	08-06-1995	31-05-1997
6.	Lecturer	Bharath Engineering College, Chennai	08-12-1994	07-06-1995

7. Industrial Experience:

S. No.	Name of the organization	Designation	Nature of work	No. of years
1	PRAGA Tools – Hyderabad	Trainee	Sub – Assembly of Surface Grinding Machine and Milling Machine	Six months
2	B.H.E.L - Hyderabad	Project Asst	Indigenization of Gas turbine frame -6 type	1
Total no. of years				1.5 years

8. Research Information

Papers in Journals	:	71 (International: 63 and National: 08)
Papers in Conferences	:	18 (International: 06 and National: 12)
No. of Ph.D's guided	:	06
No. of Ph.Ds guiding	:	3
M.E/M.Tech Projects Guided	:	05

9. International Journals:

- R Venkatesh, **Vaddi Seshagiri Rao**, SM Mullaikodi (2020), “**Analysis and Optimization of Abrasive water Jet Machining processes on the hybrid nano particle reinforced Aluminum alloy matrix composite material**”, IOP Conference Series: Materials Science and Engineering , Volume 923, Issue1 , Pages 01-20.
- KMB Karthikeyan, J Vijayanand, K Arun, **Vaddi Seshagiri Rao (2020)**, “**Thermophysical and wear properties of eco-friendly nano lubricants**” Materials Today: Proceedings 10.1016/j.matpr.2020.07.128.
- Seifedine Kadry, Venkatesan Rajinikanth, Seungmin Rho, Nadaradjane Sri Madhava Raja, **Vaddi Seshagiri Rao**, Krishnan Palani Thanaraj (2020), “**Development of a Machine-Learning System to Classify Lung CT Scan Images into Normal/COVID-19 Class** ”, arXiv preprint arXiv:2004.13122, 2020/4/24
- G Kasirajan, Sathish Rengarajan, GR Raghav, **VS Rao** , KJ Nagarajan, (2020), “**Tensile and wear behaviour of friction stir welded AA5052 and AA6101-T6 aluminium alloys: effect of welding parameters** ”, Metallurgical Research & Technology, Volume117, Issue 4,Pages 405 Publisher EDP Sciences.
- S.M Mullaikodi, K Shanmugasundaram, **Vaddi Seshagiri Rao**, Sathish Rengarajan (2019), “**Synthesis, characterization and machinability studies on thin hybrid composites with SiC nano particles**”, Materials Research Express, Volume 6, Issue

6, IOP Publishing

- R Venkatesh, **Vaddi Seshagiri Rao (2018)**, “**Thermal, corrosion and wear analysis of copper-based metal matrix composites reinforced with alumina and graphite** “, Defence Technology, Volume 14, Issue 4, Pages 346-355, Publisher Elsevier.
- D Vijayan, **V Seshagiri Rao (2018)** , “ **Process Parameter Optimization in TIG Welding of AISI 4340 Low Alloy Steel Welds by Genetic Algorithm**”, IOP Conf. Series: Materials Science and Engineering 390 (2018) 012066 doi:10.1088/1757-899X/390/1/012066.
- S.M Mullaikodi, K Shanmugasundaram, **Vaddi Seshagiri Rao (2018)**, “**Mechanical property evaluation and optimisation of K/G/C FRP composites with Aluminum oxide as filler material** “Taga Journal. Vol.14, Page No .1906-1913.
- D Vijayan, **VS Rao (2017)**, “**Optimization of friction stir welding process parameters using RSM based Grey–Fuzzy approach**” Saudi Journal of Engineering and Technology, Volume 2, Issue 1, Pages 12-25.
- R Sathish, **Vaddi Seshagiri Rao (2018)**, “**Mechanical and Metallurgical Properties of Dissimilar Friction Welded Aluminum Alloys Under Sub-Zero Temperature**”, Journal of Chinese society of Mechanical Engineers, Volume 37, Issue 5, Pages 449-456.
- R Venkatesh, **Vaddi Seshagiri Rao, Richie Allen Vaz, (2016)**, “**Wear Analysis on Titanium Powder coated Copper alloy Substrate**”, International Journal on Recent Technologies in Mechanical and Electrical Engineering, Volume 3, Issue 8, Pages 01-04
- D Vijayan, **V Seshagiri Rao, (2016)**, “**Parametric optimization of friction stir welding process of age hardenable aluminum alloys– ANFIS modeling** “Journal of Central South University, Volume 23 Issue 8, Pages 1847-1857.
- R Venkatesh, N Arunkumar, **Vaddi Seshagiri Rao, Vincent Basil (2016)** “**Synthesis and Characterization of Sic-Mg-Gr Nano Crystalline Reinforced Aluminium Matrix Composite and Analysis of Its Machinability Characteristics**”, International Journal on Recent Technologies in Mechanical and Electrical Engineering Volume 3, Issue 2, Pages 10-16.
- Rengarajan Satish, **Vaddi Seshagiri Rao, Dattaguru Ananthapadmanaban, Balappa Ravi (2016)**, “**Tensile strength and hardness correlations with microscopy in**

friction welded aluminium to copper “Journal of The Institution of Engineers (India): Series C ,Volume 97,Issue1,Pages121-126.

- R Venkatesh, **Vaddi Seshagiri Rao (2016)**, “The Preparation of Al-SiC Metal Matrix Composite and Evaluation of its Properties” International Journal of Innovations in Engineering and Technology Volume 6 Issue 9, Pages319-325.
- R Venkatesh, VS Rao (2018), “**Thermal, corrosion and wear analysis of copper-based metal matrix composites reinforced with alumina and graphite**” Defence Technology 14 (4), 346-355
- Seshagiri Rao. V & D. Vijayan (2016), “**Tensile Properties Improvement on Friction Stir Welded Age-Hardenable Aluminum Alloys: An Evolutionary Approach using RSM based GA and SA**”, Revista Tecnica De La Facultad De Ingenieria Universidad Del Zulia, Pages 55-70.
- Seshagiri Rao. V & R.Satish. (2016), “**Mechanical and Metallurgical Characterization of Dissimilar weld Joints Using Continuous Direct Drive Friction Welding**”, Engineering Transactions, Vol. 64, pages 241-252.
- Seshagiri Rao. V & D. Vijayan (2015), “**Parametric optimization of age hardenable aluminum alloys using TGRA coupled with PCA**”, Applied Mechanics & Materials, Vol. 813-814, Pages 613-619.
- Seshagiri Rao. V and Venkatesh. R (2015), “**Wear Ananlysis on Silicon Carbide Coated HSS Pin on SS Disc Substrate**”, Procedia Materials Science (10), Pages 644-650.
- Seshagiri Rao. V and Aldrin Sugin (2015), “**Fabrication of Aluminium Fly ash metal Matrix Composites with Activated carbon and Characterization of mechanical properties**”, International Journal of Applied Engineering Research ISSN0973-4562 Vol. 10 No. 11, Pages 10440 -10444.
- Seshagiri Rao. V & R.Sathis. (2014), “**Corrosion Studies on Friction Welded Dissimilar Aluminum Alloys of AA7075-T6 and AA6061-T6**” International Electrochemical Science, Vol-9, Pages -4104- 4113.
- Seshagiri Rao. V & D.Vijayan. (2014), “**Friction Stir Welding of Age-Hardenable Aluminum Alloys: A parametric Approaches using RSM Based GRA coupled with PCA**” Journal of institute of Engineering India, Vol-95, Pages-127-141.
- Seshagiri Rao. V & D.Vijayan. (2014), “**A Parametric Optimization of FSW Process using RSM Based GRA Approach**”, International Review of Mechanical Engineering, Vol-8, No.2.
- Seshagiri Rao. V & D.Vijayan. (2014), “**A Multi Response Optimization of tool**

pin Profile on the Tensile Behavior of Age-hardenable Aluminum Alloy during Friction Stir Welding” Research Journal of Applied Sciences, Engineering and Technology, Vol-7, Pages- 4503-4518.

- Seshagiri Rao. V, & Jessy K, Sathis Kumar. (2014), **“Influence of Different Cooling Methods on Drill Temperature in Drilling GFRP”** International Journals of Advanced Manufacturing Technology, Vol- 74,
- Seshagiri Rao. V and K.V. Krishna Sastry. (2014), **“Experimental Analysis of Hole Ovality in Drilling of Carbon-Carbon Composites”** International Journal of Applied Mechanics and Materials, Vol-592-594, Pages-294-301.
- Seshagiri Rao. V and K.V. Krishna Sastry. (2014), **“Multi Response Optimization of Carbon – Carbon (c/c) Drilling Parameters by using Grey Theory Technique”** International Journal of materials research, Vol-936, Pages-1801-1808.
- Seshagiri Rao. V and K.V. Krishna Sastry. (2014), **“Determination and Analysis of Optimal Drilling Conditions of Carbon-Carbon Composite using Deng’s Grey Theory”** Indian Journal of Engineering, Vol-10, Pages-92-100
- Ravikumar. S, SeshagiriRao. V and Pranesh. R.V. (2014), **“Effect of process parameters on mechanical properties of friction stir welded dissimilar materials between AA6061-T651 and AA7075T651 alloys”** International Journal of Advanced Mechanical Engineering, Vol -4,No -1, pages-101-114, ISSN 2250-3234, Research India Publications.
- Ravikumar. S, SeshagiriRao. V and Pranesh. R.V.(2014), **“Multiple Response Optimization with Grey Relational Analysis of Friction Stir Welding Parameters in Joining Dissimilar Aluminium Alloys by Taguchi Method”** in International Journal "Applied Mechanics of Materials" Applied Mechanics and Materials Vols. 592-594 (2014) pp 555-559 © (2014) Trans Tech Publications, Switzerland, doi:10.4028/www.scientific.net/AMM.592-594.555,Serial No-1434, ISSN 1660-9336. (Annexure –II - SCOPUS (SJR 0.125, SNIP 0.239 - as on 2012).
- Ravikumar. S, Seshagiri Rao.V, Prakash.S and Vishnu.R.C. (2014), **“Mathematical Modeling and Analysis of Tensile strength and Hardness for Dissimilar Friction Stir Welded aluminium alloys through Response Surface Methodology”**, International Journal of Manufacturing Technology and Research, Research Promotion Cell, University Polytechnic, GLA University, Mathura, Vol.10 ,No.1 Jan-June 2014/ pp. 59-67, ISSN- 0973-0281.
- Seshagiri Rao. V and K.V. Krishna Sastry, **“Parametric Optimization of CFRC**

Composite Drilling HSS Drill using Grey Relational Analysis", Int. J. of Innovative research in Science, Engineering and Technology, Vol.2, Issue 9, pp. 4368 to 4378, September 2013.

- Seshagiri Rao. V and K.V. Krishna Sastry, **"Minimization of Delamination Factor in Drilling of Reinforced Carbon-Carbon (RCC) Composite Material by Applying Taguchi Method"**, International Journal of Engineering and Advanced Technology, pp. 391-395, September 2013.
- Seshagiri Rao. V and K.V. Krishna Sastry, **"Application of Grey Relational Analysis to Determine the Optimum Drilling Parameters of Rcc"**, in IJREAT International Journal of Research in Engineering and Advanced Technology, Volume 1, Issue 4, Aug-Sep 2013.
- Seshagiri Rao. V Jessy K & Sathis Kumar. (2103) **"Investigation on the influence of fluctuation in thrust force during Drilling GFRP Composite by Recurrence Quantification Analysis"** European Journal of Scientific Research, Vol-10, Pages-340-351.
- Seshagiri Rao. V, Aldrin Sukan M.S and Purushothaman S., **"Characterization of Aluminum Flyash Particles Metal Matrix Composites for Application to Wings of Plane"**, European Journal of Scientific Research, Vol. 96 No.1, February 2013.
- Seshagiri Rao. V, et. al., **"Weldability and Process parameter optimization Dissimilar pipe joints using GTAW"**, International Journal of Engineering Research and Application, Vol. 2, Issue 3, pp. 2525-2530, May-June 2012.
- **Ravikumar. S, Seshagiri Rao.V, Ramachandran.S and Nagalingeswara Rao.B.(2012), "Experimental investigation in predicting friction stir weld process parameters for dissimilar AA7075T651- AA6061T651 butt joints"**, International Journal on Design and Manufacturing Technologies, Sathyabama University, Vol -6,No -2, pages-46-54, ISSN 0973-9106.
- Seshagiri Rao. V, Ananthapadmanaban. D and Prasad Rao. K, **"Some Observations on friction welding of Aluminum to Copper"**, International Journal of Contemporary Science, Engineering and Technology, Vol. 1, No. 1-2, pp. 5-8, Jan-December 2010.
- Seshagiri Rao. V, Ananthapadmanaban. D, Vijayan. V and MuthuvaidyaNathan. R, **"A Review of Friction Welding Processes in Similar and Dissimilar Materials"**, International Journal of Design and Manufacturing, Vol. 3, No.2, pp. 68-72, July 2009.
- Seshagiri Rao. V, Abraham. N and Prasad Rao. K, **"A study of Mechanical**

Properties of friction welded Mild Steel to Stainless Steel joints”, The International Journal of Material and Design, Elsevier Publications, Vol. 30, Issue 7, pp. 2642-2646, August 2009.

- Seshagiri Rao. V, Lakshminarayana, V, “**Design of Control circuit for arm control of Robot using eddy current Damping**” J. of Production Engg, IE (I), PP:15-21, V86, Sep 05.
- Seshagiri Rao. V, Lakshminarayana, V., “**Mathematical Modeling of Simple Seam Tracking Process Applicable in Multi-Function Control Robotic Welding System**” J. of Production engg. of IE (I), V. 85, Sep’04, PP:20-26.
- Seshagiri Rao. V, Lakshminarayana. V., “**Multi-Function Control System for Robotic Fire Detection: An Alternative Approach**” Institution of Engineers’ J. of Production Engineering, Volt 83, P: 58 – 61, March’ 2003.
- Seshagiri Rao. V, Lakshminarayana, V., “**Multi-Function approach to the Management of Technical Education**”, Volt 82, PP:6-9, May 2001, J. of IE(I)
- Seshagiri Rao. V, Lakshminarayana, V, “**Design of Control circuit for arm control of Robot using eddy current Damping**” J. of Production Engg, IE (I), PP:15-21, V86, Sep 05.
- Seshagiri Rao. V, Lakshminarayana, V., “**Mathematical Modeling of Simple Seam Tracking Process Applicable in Multi-Function Control Robotic Welding System**” J. of Production engg. of IE (I), V. 85, Sep’04, PP:20-26.
- Seshagiri Rao. V, Lakshminarayana. V., “**Multi-Function Control System for Robotic Fire Detection: An Alternative Approach**” Institution of Engineers’ J. of Production Engineering, Volt 83, P: 58 – 61, March’ 2003. Seshagiri Rao. V, Lakshminarayana, V., “**Multi-Function approach to the Management of Technical Education**”, Volt 82, PP:6-9, May 2001, J. of IE(I)

10. International Conferences:

- Seshagiri Rao. V et., al., “**Study of Process Parameters in Friction Stir welding of Dissimilar Aluminium Alloys**”, Proc., of Int. Conference on Industrial Engineering and Operations Management, Kuala Lumpur, Malaysia, pp. 22-27, January 2011.
- Ananthapadmanaban D., Seshagiri Rao V., Prasad Rao K. and Rangan K. (2009), “**Some studies on friction welding of Ti-6Al-4V**”, ICWET-2009, June 11th to 13th, 2009 Ankara, Turkey, pp. 364-368.
- Seshagiri Rao. V, D. Ananthapadmanaban and K. Prasad Rao, “**Opportunities and**

- Challenges in Friction Welding of Dissimilar Materials**”, Proc. of ECHDEM 2007, Sathyabama University, Chennai, pp. 108 – 111, 28-30 November 2007.
- Seshagiri Rao. V and Lakshminarayana. V, “**Performance Analysis of Multi-Function Control Robotic System Related to Welding Application**” Proc. Int. conference on "Trends in Industrial Measurements & Automation", MIT, Chennai, Dec. 2004.
 - Seshagiri Rao. V and Lakshminarayana. V, “**Three-Dimensional path tracking of Multi-functional Control Robotic arm in a Complicated welding Environment**” Proc. Int. conference on "Trends in Industrial Measurements & Automation", MIT, Chennai, PP.5.36 - 5.41, Dec 2002.
 - Seshagiri Rao. V, Lakshminarayana. V and Jolly Abraham, "**Multi-Function Control System for Welding Robots**", Proc. Int. conference on "Trends in Industrial Measurements & Automation", MIT, Chennai, PP.75 - 85, Jan 7 - 11, 1999

11. National Conferences:

- Ananthapadmanaban D., Seshagiri Rao V., Prasad Rao K., Rangan K. and Palanikumar K. (2010), “**A Study of Shrinkage and weld time during friction welding of Mild Steel to Stainless Steel**”, National Conference, Sathyabama University, August 9th, 2010, pp. 108-110.
- Ananthapadmanaban D., Seshagiri Rao V., Prasad Rao K. and Palanikumar K. (2010), **Friction Welding-An Environmentally friendly Technology**, EMMI-2010, Banaras Hindu University, 15th and 16th March 2010, pp. 87-89.
- Ananthapadmanaban D., Seshagiri Rao V., Prasad Rao K. and Rangan K. (2009), **Methods of weld quality prediction during friction welding using flash parameters**, IPRoMM-2009, July 11th- 13th, IIT, Madras, pp 23-28.
- Ananthapadmanaban D., Seshagiri Rao V., Prasad Rao K. and Rangan K. (2009), “**Studies on flash formation during friction welding of dissimilar metals**”, RTMT-09, National Level Conference, Anna University Chennai, Chennai, February 26th and 27th, 2009, pp. 27-30.
- Seshagiri Rao. V, and D. Ananthapadmanaban, “**Challenges in Welding of Aluminum and Its Alloys**”, proc. of National Conference in Robotics, Precision Engineering & Manufacturing Techniques AIRPAM, MIT, Chennai, pp. 112 – 115. April 2008.
- Seshagiri Rao. V, D. Ananthapadmanaban and K. Prasad Rao, “**Trends in Modern Materials & Manufacturing**”, Proceedings of ICMF -2008, Govt college of

- Engineering, Thrissur, pp. 207 – 210, 17-19 Jan. 2008.
- Seshagiri Rao. V & Lakshminarayana. V, “**Application of information Technology in Multi- Function Controlled Robotic Welding**” Proc. of National Conference on ‘Advanced Trends in Mechanical Engineering, Research and Development, (MINAC) JNTU, Anantapur, AP, PP: 587-592, Dt. 21/12/2002.
 - Seshagiri Rao. V, & Lakshminarayana, V., “**Robotic Fire Detection System**”, Proc. of National Conference on Advances in Integrated manufacturing Systems (AIMS), 2-3rd Feb, 2001.
 - Seshagiri Rao. V, & Lakshminarayana. V, “**Arc Sensing in continuous Robotic arc Welding**”, Proc. of National conference on advanced Trends in Mechanical Engineering Research and Development, JNTU, Anantapur, PP 115-119, June 22-23rd, 2000.
 - Seshagiri Rao. V, Lakshminarayana. V, and V. Ravi Shankar, “**Role of virtual Reality in Future Technical Education**”, Proc. Of National Conference on ‘Challenges of Engineering Education for the 21st Century’, IE(I), 5-6th Feb, 2000.
 - Seshagiri Rao. V, Lakshminarayana. V, and Jolly Abraham, “**Wear Design Coefficient of Gears in Water Medium**”, Proc. Of NACOMM 99, IIT, Bombay, 16-17th Dec, 1999.
 - Seshagiri Rao, B.V.R Gupta and A. Jaykumar, “**Evaluation of Isolator an Alternate Approach**”, Proc USE (Under water Science and engineering), N.S.T.L – Visakhapatnam, 1994.

12. Projects / Awards / Patents:

Projects: 03 (NRB & AICTE)

- Co-Principal coordinator for the project “**Friction welding of Dissimilar Metals**”, Sponsored by Naval Research Board, Ministry of Defense, with a grant in aid of Rs. 12 Lakhs.
- Principal coordinator for the project “**Modernization of IC Lab with latest equipment**” Sponsored by AICTE, New Delhi, with a grant in aid of Rs. 11.02 Lakhs. Sanction Letter No. 8024/RIFD/MOD-297/2010- 11 Date of Sanction: 31-03-2011
- Principal coordinator for the project “**Modernization of SM Lab with latest equipment**”, Sponsored by AICTE, New Delhi, with a grant in aid of Rs. 10 Lakhs. Sanction Letter No. 8024/RID/BOR/MOD- 829. /2009-10 Dated 21.12.2009

Awards:

- B.E Project Guided with Title “Fabrication and comparison of rotary valve engine with cam assembly engine” have got Innovative Student Projects Award 2009.
- Best Research Paper Merit Certificate Award Winner for the Research Paper on “Multi-Function Control System for Robotic Fire Detection – An Alternative Approach,” from Institution of Engineers for the year 2002 –03
- Best Research Paper & K.F. Anita Memorial Medal Award winner from Institution of Engineers (I) at their 20th Engineering Congress for the research on “Mathematical Modeling of Simple Seam Tracking Process Applicable in Multi-Function Control Robotic Welding System,” awarded on 16/12/05 at Kolkata.

13. FDP / Workshop:

FDP/Conference conducted (6):

- Convenor for International Conference on “Technological Advancements in Materials, Design, Manufacturing and Energy Sectors (ICTAMDMES’20)” with a grant in aid of **Rs.15,00,000** from All India Council for Technical Education” New Delhi. (20th and 21st February 2020)
- Convenor for Faculty Development Program on “Fundamentals of Vibration – Measurement, Analysis and Control” with a grant in aid of **Rs.7,00,000** from All India Council for Technical Education” New Delhi. Santion Letter No. F.No. 6-101/RIFD/FDP/Policy-1/2016-17 (from 30.10.2017 to 10.11.2017)
- Coordinator for Faculty development Program on “Strength of materials” Sponsored by Anna University, Chennai, with a grant of **Rs.60,000**, 2014.
- Coordinator for Faculty development Program on “Engineering Mechanics” Sponsored by Anna University, Chennai, with a grant of **Rs.90,000**, 2013.
- Convenor for a Faculty Development Program on “Renewable Energy based Cooling Systems- Opportunities and Challenges” with a grant-in-aid of **Rs.6,50,000** from All India Council for Technical Education” New Delhi. Sanction Letter No. F.No. 6-93/RIFD/FDP/P(2)/2013-14 Dated 18.07.2013 (18th to 29th November 2013)
- Convenor for a Faculty Development Program on “Processing and Applications of Advanced Composite Materials” with a grant in aid of **Rs.6,32,050** from All India Council for Technical Education” New Delhi. Santion Letter No. RIFD/SDP/164/2010-11 Dated 28.03.2011 (07th to 19th November 2011).

FDP attended (5):

- One-week Course on Ansys Software, Training, Organised by Ansys Certified Training in Value Engineering, Bangalore, 30th April 2007 to 4th May 2007.
- Two weeks Course on Finite Element Technique, Organised by Anna University Chennai, 29th May to 10th June 2006.
- Two weeks Course on Simulation models in Engineering and Technology, Organised by I.I.T – Madras, 12th March to 23rd March 2001.
- Two weeks Course on Tribo-design and Analysis, Organised by I.I.T – Madras, 7th December to 18th December 1998.
- Two weeks Course on Modern Trends in Food Preservation Technology, Organised by Anna University Chennai, 18th March to 29th March 1996.

Workshop attended (7):

- Two days' workshop on International stress management association, 1st and 2nd August 2015, Chennai.
- Two days' workshop on Micro Machining, Organised by N.I.T – Thiruchy, December 2008.
- Two days' workshop on High Impact Presentation Skills, organized by Dale Carnegie Training, January 2008.
- One day workshop on Environment & Pollution Awareness, organized by A.I.C.T.E, July 2004.
- Two days' workshop on Creativity and Innovation in Classroom Teaching for Technological Institutions, Organised by Vellore Institute of technology, February 2003.
- Two days' workshop on Reliability of renewable energy systems with special reference to wind energy, organised by Anna University, November 2000.
- One day workshop on Industry and Institute Interaction, Organized by A.I.C.T.E, February 1996.

14. Membership with Technical Associations:

- Fellow of Institution of Engineers
- Life member, Indian welding Society
- Life Member, Indian Institute of Production Engineers
- Life Member, Indian Society for Technical Education

