

SRI SAI RAM ENGINEERING COLLEGE

DEPARTMENT OF MECHANICAL ENGINEERING



Name : **Dr. S. ARUNPRASAD**

Designation : Associate Professor

Qualification : M.E., Ph.D.

Area of Specialization : Manufacturing, Alternate Fuels, I.C.Engines

Postal Address : Sri Sai Ram Engineering College, Sai Leo Nagar,
West Tambaram Chennai - 600044 Tamil Nadu

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E-mail ID : arunprasad.mech@sairam.edu.in

Professional Experience: (Teaching: 24 years 9 months / Industry : 1 year 8 months)

S.No	Institution	Designation	Experience	
			Years	Months
1.	Sri Sai Ram Engineering College, Chennai	Associate Professor	19	8
2.	PGP College Of Engineering & Technology, Namakkal	Lecturer	5	1
		Total	24	9

S.No	Industry	Designation	Experience	
			Years	Months
1.	Tamil Nadu State Transport Corporation	Apprenticeship	1	-
2.	Ommi Forge Pvt. Ltd., Bangalore	Supervisor	-	8
		Total	1	8

Research Work Details:

Title of Ph.D. Thesis : Experimental Investigation on Compression Ignition Engine fueled with Mixed Biodiesel

Faculty in which Ph.D. was awarded : Mechanical Engineering

Area of specialization in Ph.D : Alternate Fuels – I.C.Engines

PUBLICATIONS

International Journals

- ❖ Saravana Kumar, Bipin Kumar Srivastava, Dhivakar Poosapadi, Sasikumar G, Mayilvani K, Nellore Manoj Kumar, S. Arunprasad, Binu Sukumar, K. S. Babulal, Published a paper on Sustainable Epoxy Composites Enhanced by Cellulose Nanocrystals for Structural and Thermal Applications, Journal of Polymer & Composites, Vol. No 13, 126-134, 2025.
- ❖ G Ramya, K Dilip Kumar, S Arunprasad, NP Subiramaniam, B Senthil Kumar, Raviteja Surakasi, M Rajendiran, K Rajchandar, Published a paper on Thermal performance enhancement of a flat plate collector using SiO₂-CuO/water hybrid nanofluids: An exergetic and economic perspective, AIP Conference Proceedings (Scopus Indexed), 3267, 020301 (2025)
- ❖ A Ramanjaneya Reddy, Raviteja Surakasi, S Arunprasad, G Nixon Samuel Vijayakumar, Sanjeev Kumar Joshi, R Pandian, Monika, Haston Amit Kumar, Published a paper on Impact of silicon nanoparticles on the mechanical properties of sisal/flax fiber-based polymer hybrid nanocomposites, AIP Conference Proceedings (Scopus Indexed), 3267, 020304 (2025)
- ❖ V. Vijayan M.Thirunavukkarasu, Yagya Dutta Dwivedi, Deepak GB, D.Chithra, S. Arun Prasad, Sunil Kumar Kothapalli, Shailendra Kumar Bohidar, N. Siva Kumar, Published a paper on Assessing the Toxicological Impact of Exhaust Gas Particulate Matter Across Various Fuels During Cold Temperature Operation, Journal of New Materials for Electrochemical Systems, Vol. No 27, 236-247, 2024

- ❖ Dr.L.Saravana Kumar, Dr.S.Arunprasad Catalytic Converter—An Integrated Approach to Reduce Carbon Dioxide Emission, SAE Technical Paper, 2024/4/22.
- ❖ V. VIJAYANi Ramesh VELUMAYIL , Asiful Hossain SEIKH , Md. Abul KALAM, Mohanrajhu NATHAMUNI , Sathyamurthy RAVISHANKAR, Jayaprakash VENUGOPAL , Saravanan KATHIRVEL , Arunprasad SHANMUGAM, Published a paper on Performance Investigation of Single-Slope Solar Stills With Dripping Arrangement And Nano ZrO₂ Particles, Thermal Science, Vol. No 27, 4831-4839, 2023.
- ❖ S Arunprasad, L Saravanakumar, S Anton Joshwa, V Praveen, RD Mogana Krishnan, An Overview of Machine Learning for Mechanical Applications, IEEE, 2023/12/14.
- ❖ L Saravanakumar, S Arunprasad, Role of Internet of Things in Renewable Energy Sources: A Review, IEEE, 2023/12/14.
- ❖ T Sathies Kumar, S Arunprasad, A Eniyan, P Abdul Azeez, S Bharath Kumar, P Sushanth, Crop Selection and Cultivaton using Machine Learning, IEEE, 2023/12/14.
- ❖ Mr.S.Arunprasad, Published a paper on “ Numerical and experimental evaluation on the pooled effect of waste cooking oil biodiesel/diesel blends and exhaust gas recirculation in a twin-cylinder diesel engine”, Fuel, SCI, Web of Science indexed Journal , 287 (2021) 119815, <https://doi.org/10.1016/j.fuel.2020.119815>, March 2021.
- ❖ Mr.S.Arunprasad, Published a paper on “Optimization of Injection Pressure on Performance and Emission Characteristics of Diesel Engine Using Waste Cooking Oil”, Journal of Physics: Conference Series, SCOPUS Indexed Journal , 2054 (2021) 012015, doi:10.1088/1742-6596/2054/1/012015
- ❖ Mr.S.Arunprasad, Published a paper on “Multi response Optimization of Welding Parameters in Dissimilar Plasma Arc Welded Joints Using RSM Based GRA Coupled with PCA”, IOP Conference Series: Materials Science and Engineering, SCOPUS Indexed Journal , 954(2020) 012034, doi:10.1088/1757-899X/954/1/012034, October 2020.
- ❖ Mr.S.Arunprasad, Published a paper on “Performance and Emission Characteristics of

C.I Engine using Jatropha and Pongamia Mixed Biodiesel”, IOP Conference Series: Materials Science and Engineering, SCOPUS Indexed Journal , 954(2020) 012029, doi:10.1088/1757-899X/954/1/012029, October 2020.

- ❖ Mr.S.Arunprasad, Published a paper on “Analysis And Implementation Of Productivity Improvement In Cylinder Head Rough Machining”, Ilkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 4): pp. 6896-6906, doi: 10.17051/ilkonline.2020.04.765095
- ❖ Mr.S.Arunprasad, Published a paper on “Evaluation Of Mechanical Properties Of Magnesium [AZ91] Reinforced With Carbon Nanotubes And Sic/Al₂O₃”, Ilkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 4): pp. 6907-6914, doi: 10.17051/ilkonline.2020.04.765096
- ❖ Mr.S.Arunprasad, Published a paper on “Experimental Study OnThe Performance, Emission Characteristics Of C.I Engine Using Waste Cooking Oil”, Ilkogretim Online Elementary Education Online, 2020; Vol 19 (Issue 2): pp. 1863-1868, doi: 17051/ilkonline.2020.02.696770
- ❖ Mr.S.Arunprasad, Published a paper on “Design And Development Of Braces For Flat Foot Ankle Injury Using Solid Works”, Ilkogretim Online - Elementary Education Online, Online, 2021; Vol 20 (Issue 1): pp. 5115-5124, doi: 10.17051/ilkonline.2021.01.546
- ❖ Mr.S.Arunprasad, Published a paper on “Mechanical Property Of Glass Fiber With Coir Fiber For Automobile Mudguard”, Ilkogretim Online - Elementary Education Online, 2020; Vol 19 (Issue 3): pp. 4618-4625, doi: 10.17051/ilkonline.2020.03.735615
- ❖ Mr.S.Arunprasad, Published a paper on “Mechanical Properties of Kevlar Fibre Reinforced With Banana Fibre and Aluminium Mesh using Epoxy Resin”, International Journal of Recent Technology and Engineering (IJRTE), SCOPUS Indexed Journal , Volume-8 Issue-5, pp 447-450,January 2020.

- ❖ Mr.S.Arunprasad, Published a paper on “Productivity improvement in gravity die casting flywheel housings through implementation of regenerative circuited hydraulic power pack”, Journal of Emerging Technologies and Innovative Research (JETIR), UGC Approved Journal ,Vol6 ,Issue6,Pages 303-306, June 2019.
- ❖ Mr.S.Arunprasad, Published a paper on “Analysis and Reduction of surface defects in cars”, International Journal of Engineering Research in Computer Science and Engineering (IJERCSE), UGC Approved Journal ,vol 5 Issue 3, Pages 953-955, March 2018.
- ❖ Mr.S.Arunprasad, Published a paper on “Experimental investigation on the performance and emission characteristics of a diesel engine by varying the injection pressure and injection timing using mixed biodiesel”, International Journal of Green Energy, Taylor & Francis, Web of Science Indexed, Pages 376-384, <https://doi.org/10.1080/15435075.2018.1464923>, April 2018.
- ❖ Mr.S.Arunprasad, Published a paper on “Influence of Addition of Silicon on Mechanical Properties of Aluminum – Zinc alloy”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) - SCOPUS INDEXED, ISSN(Print) : 2249-6890, ISSN(Online) : 2249-8001, Vol. 8, pp. 113 - 120, April 2018.
- ❖ Mr.S.Arunprasad, “Optimization Of Performance Parameters of a C.I Engine Fueled With Neem Bio Diesel Using Taguchi Technique”, Advanced Materials Research (AMR), Vols. 984-985, pp. 867 - 872, July 2014.
- ❖ Mr.S.Arunprasad, “Influence of Compression ratio on C.I engine performance & Emission characteristics fueled by mixed biofuel”, International Journal of Applied Engineering Research, ISSN 0973-4562, Vols.10 No.50, 2015.
- ❖ Mr.S.Arunprasad, “ An Experimental Investigation on NO_x reduction in a Bio-fuel single cylinder C.I.Engine by EGR Technigue”, SSEC Tech journal, 2008.

Conference Publications

- ❖ S. Arunprasad, L. Saravanakumar, S.Monesh, M. krishnasekaran, G. Harimahendran. SOLAR POWER TILLER MACHINE - A REVIEW, PROCEEDINGS OF THE TWELFTH INTERNATIONAL CONFERENCE ON ADVANCED SCIENCE AND ENGINEERING RESEARCH, AL-AMEEN ENGINEERING COLLEGE, Erode, 2024
- ❖ Mr.S.Arunprasad, Presented a paper on “Applications of Wonder Material – A Review on modern application of Graphene”, in Third International Conference on Innovative & Emerging Trends in Engineering and Technology (ICIETET’18) organized by Panimalar Institute of Technology, in association with CSI, IETE, IEEE, ISTE, ICTACT, IET and SAEINDIA on March 9, 2018.
- ❖ Mr.S.Arunprasad, Presented a paper on “Reducing the manufacturing lead time by modifying the welding process”, in International conference on “Mechanical, Materials and Manufacturing systems”(ICMMMS'16), Sri Sai Ram Engineering College, Chennai on February 24 & 25, 2016.
- ❖ Mr.S.Arunprasad, Presented a paper on “Performance and emission characteristics of a mixed biodiesel fueled C.I engine”, in International Conference on “Advances in Material and Manufacturing Engineering” (ICAMME’14), Sri Sairam Engineering College, Chennai on December 19 & 20, 2014.
- ❖ Mr.S.Arunprasad, Presented a paper on “Optimization of Performance Parameters of A C.I Engine Fueled With Neem Bio Diesel Using Taguchi Technique”, in International Conference on Recent Advances in Mechanical Engineering and Interdisciplinary Developments (ICRAMID-2014), Ponjesly College of Engineering, Nagercoil on March 7 & 8, 2014.
- ❖ Mr.S.Arunprasad, Presented a paper on “Weight Distribution In Carousel Storage System Using Programmable Controller”, in International Conference on Recent Advances in Mechanical Engineering and Interdisciplinary Developments (ICRAMID-2014), Ponjesly College of Engineering, Nagercoil on March 7 & 8, 2014.

- ❖ Mr.S.Arunprasad, Presented a paper on “Optimization of Engine parameters of four stroke single cylinder C.I Engine using biodiesel using taguchi method”, Tagore Engineering College, Chennai on May 23-24, 2013.
- ❖ Mr.S.Arunprasad, Presented a paper on “Design and Manufacture of a Tilttable Welding Positioner”, G.K.M College of Engg& Technology, Chennai on March 16, 2011.
- ❖ Mr.S.Arunprasad, Presented a paper on "A simple approach to formulate project planning and cost management for Entrepreneurs", Sri Sai Ram Engineering College, Chennai on April 17, 2008.
- ❖ Mr.S.Arunprasad, Presented a paper on "Optimization of riser diameter for Al-alloy casting using ANSYS Software", Sri Sai Ram Engineering College, Chennai on April 17, 2008.
- ❖ Mr.S.Arunprasad, Presented a paper on "An Experimental Investigation on NOx reduction by EGR in a Bio-fuel single cylinder C.I.Engine", Sri Jayachamarajendra College of Engineering on November 17 - 18, 2006.
- ❖ Mr.S.Arunprasad, Presented a paper on “An evaluation of cylindrical riser design with insulating material for Al-alloy casting using ANSYS”, VIT, Vellore on July 19 - 22, 2006.

Patent details

- ❖ SEGMENTED VALVE MECHANISM WITH INTEGRATED NOVEL FUEL INJECTION SYSTEM FOR ENHANCED INTERNAL COMBUSTION ENGINE PERFORMANCE, 202541067613 A, 2025.
- ❖ DATA DRIVEN OPTIMIZATION OF CROP SELECTION AND CULTIVATION USING MACHINE LEARNING & IOT, 202441083989, 2024/11/8.
- ❖ METHOD FOR FABRICATING BIOCOMPATIBLE COMPOSITES USING MAGNETRON SPUTTERING, 202441073875, 2024.
- ❖ IoT based smart farming system to predict crop and fertilizers based on various factors using machine Learning Algorithms, 202341046337, 2023
- ❖ Fabrication Of Axial Fan Blade With Glass Fiber And Human Hair Composite, 202141016969 A, 2021
- ❖ Cratus-The Bag Of Future, 202141020488 A, 2021

Book Authored

- ❖ Dr.C.Elanchezhian, Dr.B.Vijaya Ramnath, S.Arunprasad, Computer Integrated manufacturing- Anuradha Publisher, 2011.

Workshop/Conferences/FDP/ Symposium organized: (List)

1. Organized FDP On Mechatronics Engineering sponsored by Anna university Chennai (11.06.2007-23.06.2007) at SSEC, Chennai
2. Organized 1st National level Technical symposium “SAIPRODUXIO” presents PROBEO on March 2, 2012 under the Banner of Society of Production Engineers.
3. Organized one day workshop on “Industrial Applications of Jigs, Fixtures and Press Tools” on 19th March , 2018.
4. Organized 3 days “Entrepreneurship Awareness Camp” from 11.02.2019-13.02.2019 sponsored by IEDC cell, MHRD.
5. Organized 1st National level Design Contest “SAIPRODUXIO” presents D.O.P.E FEST 19 on 4th September 2019 under the Banner of Society of Production Engineers.
6. Organized Webinar “ INDUSTRY 4.0” on 20.05.2020 under the Banner of Society of Production Engineers.
7. Organized Webinar on “Coding Training in C Programming & Python” from 19.10.2020 to 21.10.2020 for Skill Development Club under the banner of Society of production engineers
8. Organized Webinar on “Coding Training in Python” from 04.02.2021 to 09.02.2021 for Skill Development Club under the banner of Society of production engineers.
9. Organized “Hands on Training on AutoCAD software for Engineering application” for Automobile Club on 26.03.2021
10. Organized NAAC sponsored Two days National level seminar on “Revised Accreditation Framework for Quality Enhancement in Higher Educational Institutes” on 14.07.2021 & 15.07.2021 under the banner of IQAC.
11. Organized Webinar on “Awareness program on SIH2022” on 16.02.2022 for Skill Development Club under the banner of Society of production engineers, Department of Production Engineering.
12. Organized workshop on C programming for Skill Development Club under the banner of Society of production engineers, Department of Production Engineering

13. Organised Hands on Training Program on Smart Manufacturing from 25.04.2023 to 27.04.2023 in association with AICTE-IDEA lab.

14. Organized one day workshop on Electric Vehicle on 09.05.2023 in association with automobile club.

15. Organized 5 Days FDP - Latest Innovations and Trends in Automotive Industry from 17.02.2025-21.02.2025

16. Organized 6 Days Online FDP on “RECENT ADVANCEMENTS IN ELECTRIC AND HYBRID VEHICLE TECHNOLOGIES – RAEHVT - 2026” held from 05.01.2026 to 10.01.2026.

Workshop/ FDP attended: (List)

S.No	Program Details	Program Venue	Date
1	One Day ENTREPRENEURSHIP AWARENESS PROGRAMME (EAP)	SRI SAIRAM ENGINEERING COLLEGE, TAMBARAM Organized by CENTRAL INSTITUTE OF TOOL DESIGN HYDERABAD, EXTENSION CENTRE - CHENNAI.	28.10.2025
2	Masterclass series under IP Utsav	AICTE, MIC	21.04.2025-26.04.2025
3	AI Tools	Brainovison Solution, Sri Sai Ram Engineering College, AICTE sponsored	17.02.25-21.02.25
4	Bootcamp on CAD Designs to 3D Printing - Foundational Details	NIELIT Chennai	03.02.2025 - 07.02.2025
5	Progress in Mechanical Engineering	SRM University, Ramapuram	14.10.2024-19.10.2024
6	Generative AI Models and Applications of machine Learning	Shri Visnu College of Engineering	21.05.2024-25.05.2024
7	One Week Online FDP on “Advancements in Mechanical Engineering	Lakireddy Balireddy College of Engineering, Mylavaram, AP.	19.06.23 - 24.06.23
8	FACULTY DEVELOPMENT PROGRAM ON OIL AND GAS INDUSTRY conducted online by INDIAN OIL CORPORATION	INDIAN OIL CORPORATION & PALs	2nd May to 4th May 2023
9	Five days national level FDP on Recent Advancements in sustainable Energy Storage and conversion.	G.Pulla Reddy Engineering College, Kurnool	23.03.23-27.03.23

	One Week Online FDP on "Advancements in Thermal and Renewable Energy Technologies (ATRET-2022)	Lakireddy Bali Reddy College of Engineering, Mylavaram, Krishna (Dt.), Andhra Pradesh, India	04/07/2022 to 09/07/2022.
10	AICTE Training and Learning (ATAL) Academy online FDP on "Trends & Challenges in Electric Vehicles"	Sri Eshwar College of Engineering, Coimbatore	20/09/2021 to 24/09/2021
11	AICTE Training and Learning (ATAL) Academy online FDP on "Basics of Electric Vehicles"	Thapar Institute of Engineering & Technology.	10/09/2021 to 14/09/2021
12	Two-day Awareness Workshop on Improving Research & Performance Outcomes	Researcher Academy OnCampus,Elsevier	31.08.21 & 01.09.21
13	One day Workshop on Innovation	Periyarmaniammai institute of Science and Technology, tanjavur	18.08.21
14	AICTE-Online Orientation Training programme for mentors	NITTT,Chennai	26.07.21-30.07.21
15	AICTE organised 5 days FDP on "Inculcating Universal Human Values in Technical Education"	AICTE-ONLINE	12.07.2021-16.07.2021
16	Five days online FDP on Design of Experiments	Bharath Institute of higher education and Research, Chennai	28.06.2021-02.07.2021
17	Workshop on 'academic research: multiple perspectives'	VIT, Chennai	30.06.2021
18	One Week National Level Online Faculty Development Program on "Innovations in Materials and Manufacturing Processes (IMMP-2021)"	Department of Mechanical engineering, Vemu Institute of technology, P.Kothakota, AP.	21.06.2021-25.06.2021
19			
20	Five days online FDP on Advance thermal Energy systems	Bharath Institute of higher education and Research, Chennai	21.06.2021-25.06.2021
21	AICTE – ISTE Sponsored 7 days INDUCTION / REFRESHER PROGRAM (Online) on "Advanced Training Program on Teaching (Phase –I)"	Department of Computer Science and Engineering, Malla Reddy Engineering College (Autonomous) , Hyderabad, Telangana	09.02.2021-15.02.2021
22	Workshop on Grant Writing under Physical Sciences domain	STARS, IISc, Bangalore	07.12.2020

23	Two Week AICTE sponsored online FDP on “Frontier of 3D Printing Technology and Its Industrial Applications”	Department of Mechanical Engineering, LAKIREDDY BALI REDDY COLLEGE OF ENGINEERING Mylavaram, Krishna (Dt.),AP.	07.12.2020-19.12.2020
24	ISTE sponsored Three days workshop on “ Research and development activities”	Sri Sairam Engineering College, chennai	28.12.2020-30.12.2020
25	AICTE sponsored six days virtual short term training programme on “Finite Element Method for Engineering Applications”	Sri Sairam Engineering College, chennai	05.10.2020-10.10.2020
26	AICTE sponsored six days short term training programme on “Cyber physical Manufacturing systems for future industries (CPMS)”	IFET college of Engineering, Villupuram	07.09.2020-12.09.2020
27	AICTE Training and Learning (ATAL) Academy online FDP on “Alternative Fuels”	Government Engineering College Bikaner.	01.09.2020-05.09.2020
28	AICTE sponsored six days virtual short term training programme on “Finite Element Method for Engineering Applications”	Sri Sairam Engineering College, Chennai.	03.08.2020-08.08.2020
29	AICTE sponsored 6 days STTP on Electronic Vehicles-An opportunity for India	RMK college of Engineering and Technology, Chennai	13.07.20 to 18.07.20
30	Six days Faculty Development Programme on “RECENT INNOVATIONS AND FUTURISTIC SCOPE FOR RESEARCH IN INTERNAL COMBUSTION ENGINES”	St. Joseph’s College of Engineering, Chennai	29.06.20 to 04.07.20
31	One week online FDP on Recent Trends in Mechanical Engineering	Narsimha Reddy Engineering College, Telungana	22.06.20 to 26.06.20

32	Two weeks online FDP on Advancements in Biotechnology and Chemical Engineering	Vel Tech High Tech, Chennai	08.06.20 to 19.06.20
33	AICTE Training And Learning (ATAL) Academy Online FDP on "Artificial Intelligence".	FEDERATION OF INDIAN CHAMBERS OF COMMERCE AND INDUSTRY (FICCI).	15-06-2020 to 19-06-2020
34	One Week Online Faculty Development Programme on “Applications of Finite Element Analysis (FEA) and Computational Dynamics (CFD) using ANSYS” Sponsored by Technical Education Quality Improved Programme (TEQIP-III)	Government College of Engineering, Karad & Rajikiya Engineering College, Azamgarh	June 13- 17, 2020
35	One week online Faculty Development Program on “APPLICATION OF CAD TOOLS IN DRAWING COURSES”	Department of Mechanical Engineering, Geethanjali College Of Engineering & Technology (Autonomous) Cheeryal (V), Keesara (M), R.R. Dist. 501301	09-06-2020 to 13-06-2020.
36	Five day Online Faculty Development Program on “Mechanical Behaviour of Advanced Materials and Its Scope for Engineering Applications.	Department of Mechanical Engineering, Sri Venkateswara College of Engineering, Pennalur, Sriperumbudur Tk, 602117	10th to 14th June, 2020.
37	5 days International Faculty Development Program on Emerging Research Areas in Engineering ”	Department of Mechanical Engineering in Association with The Institution of Engineers (India), SRM Institute of Science and Technology, Ramapuram Campus, Chennai-600089, from	5th June to 9th June 2020
38	Five days Online Faculty Development Program on "Advanced Energy Conversion Technologies"	Thermal Division, Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur campus, Chennai	27th – 31st May, 2020.
39	Five days Faculty Development Programme (Online Mode) on “Introduction to Finite Element Analysis.	Department of Mechanical Engineering, Panimalar Institute of Technology, Varadharajapuram Poonamallee, Chennai – 600 123.,	11.5.2020 to 15.5.2020.
40	AICTE sponsored 15 days FDP on Opinion Mining: An insight in to social media for customer services	SIMS, Sri Sai Ram Engineering College, Chennai	05.12.2019- 20.12.2019
41	ISTE sponsored Six Days FDP on Robotics	Department of Mechanical Engineering, Sri Sai Ram Engineering College, Chennai	13 th May-18 th May 2019

42	FDP on Outcome Based Education	IQAC ,Sri Sairam Engineering College	5 th and 6 th April 2019
43	Two Day Workshop on "Finite Element Analysis and its Industrial Applications"	Department of Production Engineering, Sri Sai Ram Engineering College, Chennai	6th & 7th August, 2018
44	Faculty Development Training Programme on "AUTOMOBILE ENGINEERING"	Department of Mechanical Engineering, Sri Sai Ram Engineering College, Chennai	29 th November to 5 th December 2017
45	Faculty Development Programme on GLIMPSES OF ENGINEERING METALLURGY	C.K College of Engineering and Technology, Cuddalore	17 th December, 2016.
46	Two day National level workshop on "DESIGN OF EXPERIMENTS"	Sri Sai Ram Institute of Technology, Chennai	24 & 25 th July, 2015
47	One day workshop on "Role of Lean Manufacturing on Organization Competitiveness"	Sri Sai Ram Engineering College, Chennai	August 28, 2014
48	Industrial – Institution Event on "ENVIRONMENTAL MANAGEMENT IN INDIAN SECTORS - STATUS AND NEEDS"	Sri Sai Ram Engineering College, Chennai	24 – 25 th July, 2014
49	AICTE SPONSORED FDP on "Advancements In Materials, Manufacturing Processes And Management Systems"	Sri Sai Ram Engineering College, Chennai	4 – 16 th November, 2013
50	Faculty Development Program on "Advanced I.C Engines"	Anna University, Chennai	10-17 th December , 2012
51	National Level Seminar on "Trends, Elements And Applications Of Mechatronics"	G.K.M College of Engineering and Technology	April 21 st , 2012
52	One day Workshop "Art of Journal and Thesis Writing"	Sri Sai Ram Engineering College, Chennai	19 th January, 2012
53	Two days National Level Workshop on "Smart Sensors For Industrial Applications"	Sri Sai Ram Engineering College, Chennai	1 st & 2 nd December 2011
54	SDP ON "Recent Developments in Manufacturing & Management"	Mechanical Engineering, SEC, Chennai	July 25-30, 2011
55	National Level Workshop on "Virtual Instrumentation In Industrial Automation"	Sri Sai Ram Engineering College, Chennai with TRIDENT TECHLABS.	June 24-25, 2011
56	UNDERGONE TRAINING ON "CNC LATHE TRAINING"	Lakshmi machine works, Coimbatore.	December 6-10, 2010
57	FDP-Hydraulic systems and its Recent Trends	Sri Sai Ram Polytechnic College, Chennai	13.07.09 - 26.07.09

58	AICTE Sponsored Staff Development Programme on Instructional Design & Delivery	Sri Sai Ram Engineering College, Chennai.	
59	Pneumatic Training Program	Janatics India Private Ltd, Coimbatore	18.12.2006-20.12.06
60	International Conference on e-learning	P.G.P.College of Engg and Tech, Namakkal	March 6 & 7, 2004

Staff Achievements:

1. Anna University (GCT, Coimbatore) Rank holder in M.E
2. Published book titled 'Computer Integrated Manufacturing' for Anna University syllabus.
3. Mentor and Winner in Smart India Hackathon 2019 (Pune) event organized by MHRD, July 8-12, 2019
4. Mentor and Winner in Smart India Hackathon 2020 event organized by MHRD,
5. Got Top 100 Mentor award and Best mentor award from ATAL.
6. Reviewer for Materials Today-Proceedings, Asian Plant Research Journal, International Research Journal of Pure and Applied Chemistry
7. Received Top Performing mentor for NPTEL.
8. Jury member for InnovaTN25, State level ATL Innovation Challenge.

Internship Details

1. Dilson Autoplast, Thirumudivakkam- 09.05.2022 to 14.05.2022

Certificate Course

1. Completed course on Panchayat Administration and Rural Development Schemes by STATE INSTITUTE OF RURAL DEVELOPMENT AND PANCHAYAT RAJ Rural Development & Panchayat Raj Department, Government of Tamil Nadu, Maraimalainagar - 603 209 -Tamil Nadu.
2. Completed course on Social Emotional Education: Knowledge to Practice (SEEK) by MAHATMA GANDHI INSTITUTE OF EDUCATION FOR PEACE AND SUSTAINABLE DEVELOPMENT.
3. Completed 6 months Course on 'Advanced Certificate Program in Electric Vehicle offered by iHUB DivyaSampark, IIT Roorkee, and Intellipaat.

Membership Details

1. Life member in ISTE
2. 10 Years member in SAE
3. Member in IEEE
4. Member in IEEE Robotics and automation society
5. Member in IEEE Industry Applications society
6. Member in IEEE Instrumentation and Measurement society
7. Member in IEEE SIGHT
8. Member in IEEE Aerospace and Electronics society
9. Member in IEEE Power and Energy society
10. Member in IAENG
11. Associate Member in IEOM
12. Member in IFERP

VALUE ADDED COURSES (NPTEL)

1. Theory and Practice of Non Destructive Testing- Feb-March 2018
2. Fuzzy Logic and Neural Networks Feb – April 2020
3. Accreditation And Outcome Based Learning – October 2023
4. Basic Environmental Engineering and Pollution Abatement – October 2024
5. Energy Resources, Economics, and Sustainability – April 2025
6. Environmental Quality Monitoring & Analysis- April 2025
7. Technologies for Clean and Renewable Energy Production,September 2025