Sri Ramakrishna Institute of Technology

(An Autonomous Institution)

(Accredited by NAAC with "A" Grade)

Pachapalayam, Perur Chettipalayam, Coimbatore – 641 010

www.srit.org :: Phone – 0422-2605577

Faculty Profile

Full name with Qualification, Designation and Department: Mechanical Engineering

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

Professor & Head,

Department of Mechanical Engineering

Date of birth	:	18.05.1966	**Gender**	:	Male
Nationality	:	Indian	**Marital status**	:	Married
Address for correspondence	:	Site No,61, Ramlakshman Nagar, Sowripalayam Post Coimbatore-641028	**Permanent address**	:	Site No,61, Ramlakshman Nagar, Sowripalayam Post Coimbatore-641028
Mobile no	:	9487218214 8220854701	**e-mail (official)**	:	chokkalingam.me@srit.org
Landline	:	-	**e-mail (personal)**	:	bchokkalingam@gmail.com
Date of joining	:	20.04.2013	**Post of joining**	:	Associate Professor
No of promotions since D.O.J	:	One	**Present post**	:	Professor & Head
Present pay scale	:	37,400-67000+AGP 10,000	**Gross pay**	:	98,811.00
Employee ID	:	TE162	**Bank account No. (Salary credited)**	:	500101010584094
P.F. No	:	TN/CBE/56764/589	**Group Insurance No**	:	AG00059675000102
PAN Number	:	AAIPC3797L	**Aadhar Number**	:	253462107323
AICTE ID	:	1-2186721109	**AICTE Institution ID**	:	1-7841521

Educational Qualification

Degree	Specialization	Year of Passing	Name of the College	Name of the University	Class Obtained
UG	Mechanical Engineering	May 1997	Government College of Technology, Coimbatore.	Bharathiar University	II
PG	Production Engineering	May 2006	PSG College of Technology	Anna University, Chennai	I Class with Distinction
Ph.D	Faculty of Mechanical Engineering	July 2012	PSG College of Technology	Anna University, Chennai	-
Others					

Registration for Ph.D. with area of interest:

Year of Ph.D. Registration: **Year of Ph.D. Completed:** 2012

Thesis Title: Studies on Development of Microalloyed Cast Steel

Supervisor Recognition Number: 2520060 (Lr. No:SUPR/25thRB/DB dated 31.01.2015)

Ph.D. Scholar Details

S.No.	Name of the scholar	Registration details	College	Status
-	-	-	-	-

Academic Experience

Name of the College	Designation	Joining Date	Relieving Date	Experience		
				Years	Months	Days
PSG Polytechnic College	Lecturer to Head	06.07.1998	19.04.2013	14	9	13
Sri Ramkrishna Institute of Technology	Associate Professor to Professor	20.04.2013	Till date (24.11.2023)	10	7	4
			Total	25	4	17

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
PSG Industrial Institute, Foundry Division	Trainee to Assistant Engineer	Castings Production	02.09.1985	30.06.1998	12	9	28
				Total	12	9	28

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2014-2015	VII		Design of Jigs, Fixtures and Press Tools	T	94
2014-2015	I		Engineering Graphics	T	91
2014-2015	VI		Automobile Engineering	T	96
2015-2016	VII		Design of Jigs, Fixtures and Press Tools	T	94
2015-2016	I		Engineering Graphics	T	73
2016-2017	VII		Design of Jigs, Fixtures and Press Tools	T	90
2016-2017	I		Engineering Graphics	T	62
2016-2017	I		Automobile Engineering	T	92.85
2017-2018	I		Engineering Graphics	T	91.17%
2017-2018	VI		Automobile Engineering	T	70
2017-2018	VII		Process Planning and Cost Estimation	T	86.2
2017-2018	I		Engineering Graphics-Mech	T	85.41
2017-2018	I		Engineering Graphics – Civil	T	75

Projects Guided

Academic Year	Semester	Project Title	UG / PG
2013-2014	VIII	Design and Fabrication of Adaptive Braking System	UG
2013-2014	VIII	Design and Fabrication of Lever Operated Vehicle for Disabled Persons	UG
2018-2019	VIII	Design and Fabrication of Semi Automatic Crucible Handling Machine	UG
2019-2020	VIII	Experimental Analysis and Performance Optimization of Solar Sand Dryer Using Taguchi Method	UG
2019-2020	VIII	Investigation of mechanical properties of Al 6061 Hybrid Metal Matrix Composite	UG
2020-2021	VIII	Design and Fabrication of Solar Drier Coupled with Air Heater	UG
2020-2021	VIII	Fabrication and Experimental Investigation of Natural Fibre Composite	UG
2020-2021	VIII	Analysis of Casting Defects Using Simulation Software	UG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal		
Conferences		

Journal Publications (IEEE format)

Papers Published in National Journals

1. Chokkalingam.B, Murugeasn.V.M and Lakshmanan. L.M (2006), "Controlling of Process Variations Using SPC Technique – A Case Study", Technology Trends, Vol.7 No.12, pp.18-20.

2. Chokkalingam.B, Ravichandran.B, Sanjith.V and Sathyanarayanan.M (2006), "Controlling of Casting Defect Through Defect-Solving Technique", Indian Foundry Journal, Vol.52 No.10, pp. 34-38.

3. Chokkalingam.B and Sadagopan.P (2006), "Systematic Analysis of a Casting Defect", Foundry, Vol.XVIII No.4, pp.73-76

4. Chokkalingam.B, Lakshmanan and .L.M,Sidarthan.I.V (2006), "Elimination of Defects and Increasing the Yield of a Ductile Iron Casting by Redesigning the Feeding System", Indian Foundry Journal, Vol.52 No.6, pp.25-29.

5. Chokkalingam.B, and Sadagopan.P (2006), "Step By Step Approach to Eliminate a Blow Hole Defect in sand Casting", Technology Trends, Vol.7 No.6, pp.36-38.

6. Chokkalingam.B and Sadagopan.P (2006), "An Analysis of Energy Loss Through Excessive Scrap in Foundries", Technology Trends, Vol.7, No.3, pp.41-42.

7. Chokkalingam.B, and Sadagopan.P (2005), "Defect Reduction in Sand Castings – A Practical Approach", Foundry, Vol.XVIII No.5, pp.77-81.

8. Chokkalingam.B, Premkumar and S.P, Sathishkumar.S (2005), "Defect Analysis in Brake Drum Castings", Foundry, Vol XVII No.4, pp.75-79.

9. Arasu.M and Chokkalingam.B (2004), "Energy Saving Techniques in Induction Melting Operations in Iron Foundries", Foundry Journal, Vol.XVI No.1, pp.53-55.

10. Chokkalingam.B, Subamanian.R and Krishnaraj.D (2000), "Design and Fabrication of a Ball Mill for Mechanical Alloying", Technology, pp.188-190.

11 Chokkalingam.B and Sadagopan.P (2006), "An Analysis of Energy Loss Through Excessive Scrap in Foundries", Technology Trends, Vol.10, No.6, pp.42-44.(Reprint)

12. Chokkalingam.B and Mohamad Nazirudeen. S.S,(2009) Analysis of Sand Casting Defects-Sand Inclusion, Indian Foundry Journal, Vol.55 No.7, pp.30-32.

13. Chokkalingam.B and Mohamad Nazirudeen, (2009),Analysis of Sand Casting Defects-Slag Inclusion, Indian Foundry Journal, Vol.55 No.11,pp 41-43.

14. Chokkalingam.B and Mohamad Nazirudeen, (2009), Analysis of Sand Casting Defects-Sand Drop, Indian Foundry Journal, Vol.55 No.12,pp 57-59.

Papers Published in International Journals

1. Chokkalingam.B and Mohamad Nazirudeen S.S, "Investigations on Micro Alloyed Cast Steels, "Materials and Technology Journal" Vol 43,May-June 2009,pp171-174.

2. Chokkalingam.B and Mohamad Nazirudeen S.S,Analysis of Casting Defect Through Defect Diagnostic Study Approach, Journal of Engineering annals of Faculty of Engineering Hunedoara, Vol VII, Issue 2,2009,pp 209-212.

3. Chokkalingam.B and Mohamad Nazirudeen S.S,Effects of Microalloying on Hardness and Toughness in Cast Steels, Journal of Engineering annals of Faculty of Engineering Hunedoara, Vol VIII, Issue 3,2010,pp 422-425.

4. Chokkalingam.B, Mohamad Nazirudeen S.S and Ramakrishnan.S.S, "Investigations into the Mechanical properties of Micro Alloyed As Cast Steels, "Materials and Technology Journal" Vol 45,Mar-April 2011, pp159-162.

5. B. Chokkalingam, V. Raja, J. Anburaj, R. Immanual and M. Dhineshkumar, "Investigation of Shrinkage Defect in Castings By Quantitative Ishikawa Diagram", Archives of Foundry Engineering, Vol. 17, No. 1, pp. 174–178, 2017.

6. B. Chokkalingam, V. Raja, J. Anburaj, R. Immanual and M. Dhineshkumar,"Optimization of Micro-Alloying Elements for Mechanical Properties in Normalized Cast Steel Using Taguchi Technique", Archives of Foundry Engineering, Vol. 17, No. 2, pp. 171–177, 2017.

7. R.Immanual R, B.Paul Vinofer, B.Chokkalingam, B.Varun, S.Oswalt Manoj, V.Raja, and M.Dhinesh Kumar, "Prediction of Cooling Tower Thermal Characteristics using Newly Developed Software for a Chemical Industry", International Journal of ChemTech Research, Vol.10, No.12, pp 344-350, 2017.

8. I.Karthikeyan, B.Chokkalingam, V.Rajkumar, R.Immanual and P.Vasanthakumar, "A Novel Method in the Production and Optimization of Process Parameters in Turning LM6 Aluminium Alloy with Borosilicate Reinforcement", International Journal of ChemTech Research, Vol.10 , No.14, pp 110-116, 2017.

9. V. Raja, B. Chokkalingam, R.Immanual, and B. Paulvinofer,"Fabrication and Hardness Examination of Recycled Plastic Composite with Glass Fibre", International Research Journal of Engineering and Technology (IRJET), Vol.4,pp 1160-1163, 2017.

10. B. Chokkalingam, V. Raja, M. Dhineshkumar, M. Priya, and R.Immanual, "Energy Savings in Foundries Through Yield Improvement and Defect Reduction in Castings", Archives of Foundry Engineering, Vol. 18, Issue 1, pp. 15-18,2018.

11. V. Raja, M. Kavitha, B. Chokkalingam, T. S. Ashraya, Effect of Interlayers on Mechanical Properties of Aluminium Casting over Stainless Steel Pipe for Heat Exchanger Applications, Transactions of the Indian Institute of Metals,Vol.73, No.6, ,pp. 1555–1560, 2020.

12. B.Chokkalingam, S. Boovendravarman, R. Tamilselvan, V. Raja, Application of Ishikawa Diagram to Investigate Significant Factors Causing Rough Surface on Sand Casting, Proceedings on Engineering Sciences, Vol.2 ,No. 4,(2020), pp. 353-360 .

13.Immanual Rajkumar, B Paul Vinofer , Nagarani S , B Chokkalingam , V. Raja, Dhineshkumar M, Thermal Performance Investigation Of Spiral Solar Collector Using Cfd, International Journal of Advanced Science and Technology, Vol. 29, No. 12s, (2020), pp. 1968-1981.

14. B. Chokkalingam, A. Thangarasu, S. Sudharsan, Effect of Microalloying Elements on Microstructure and Mechanical Properties of Normalized Cast Steel, International Journal of Advanced Science and Technology Vol. 29, No. 7, (2020), pp. 13075 – 13085.

15. V.Raja, M. Kavitha, B. Chokkalingam, and T. S. Ashraya. "Effect of Interlayers on Mechanical Properties of Aluminium Casting over Stainless Steel Pipe for Heat Exchanger Applications." Transactions of the Indian Institute of Metals 73 (2020): 1555-1560.

16. B.Chokkalingam, Chokkalingam, B., M. Priya, R. Immanual, and B. Varun. "Identification of the Root Causes for Blowhole Defect in Castings Using Quantitative Risk Ishikawa Diagrams." Journal of Advanced Manufacturing Systems 21, no. 02 (2022): 367-392.

Conference Publications (IEEE format)

1. Chokkalingam.B and Krishnaraj.D "Foundry Sand - An Over View", Proceedings of 48th Indian Foundry Congress organized by Indian Institute of Foundrymen, Coimbatore, February 2000.

2. Chokkalingam.B and Krishnaraj.D "Surface Finish of Castings – A Methodology", Proceedings of 49th Indian Foundry Congress organized by Indian Institute of Foundrymen, New Delhi, , February 2001

3. Chokkalingam.B, Lakshmanan. L.M.and I.V.Sidarthan, "Minimizing Shrinkage Defect Through Efficient Design of Feeding System for a Ductile Iron Casting", International Conference on Recent Advances in Materials and Processing Ramp – 2006, Organized by Department of Metallurgical Engineering, PSG College of Technology, Coimbatore, December 15 ,16, 2006

4. Chokkalingam. B,Divakaran.S, Gowthem kuma.K.S,Vijayakumar.S, "Controlling of Scab defect Using quality control Tools" , National conference Intelligent Automation in Manufacturing and automotive Technologies(IMAT'15), Organised by Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Proceedings P 145-148.

5. Chokkalingam.B and Girishraj.A ,"Review on Factors Affecting Vehicle's Fuel Economy and Fuel Efficiency" , National conference Intelligent Automation in Manufacturing and automotive Technologies(IMAT'15), Organised by Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Proceedings P 149-153.

6. B. Chokkalingam and M.Dhinesh kumar, "Taguchi analysis of the Hardness and Tensile Strength in Micro Alloyed Normalized Cast Steel", Recent Advances in Manufacturing, Designing and Thermal Engineering RAMTDE'2017, March 2017, Sri Ramakrishna Institute of Technology, Coimbatore.

7. M.Dhinesh kumar and B. Chokkalingam, "Effects of Micro Alloying Conditions of Vanadium and Niobium on the microstructure and Mechanical Properties of Cast Steel", Recent Advances in Manufacturing, Designing and Thermal Engineering RAMTDE'2017, March 2017, Sri Ramakrishna Institute of Technology, Coimbatore.

8. B.Paulvinofer, R.Immanual , S.Ramesh , B.Varun, V.Raja , M.DhineshKumar and B.Chokkalingam, "Thermal Performance and Experimental Evaluation of Spiral Solar Thermal Collector", International Conference on Trends and Advanced Research in Green Energy Technologies, ICTARGET-2017', 30th & 31st March 2017,VIT Vellore.

9. B. Chokkalingam , "Investigation of Sound Absorbing Natural Fibres", National Conference on Recent Advancement and Effctual Researches in Electrical Engineering, March 2017,Sri Krishna College of Technology, Coimbatore.

10. V. Raja, B. Chokkalingam, R. Immanual and P.Karthik, "Properties Evaluation and Parameter Optimization of Cast Iron on Stainless Steel Bimetallic Castings Using Taguchi Method," ICMTS-2017, 7th & 8th July 2017, IIT Madras, Chennai.

11. R.Immanual, V.Raja, B.Chokkalingam and M.Dhineshkumar , "Optimization Of Crossflow Cooling Tower for Best Input Condition" 1st International and 18th ISME Conference, February 2017, NIT Warangal.

12. B.Chokkalingam, "Properties Evaluation and Parameter Optimization of CI-SS Bimetallic Castings", National Conference on Emerging Trends in Science, Engineering & Technology, Management and Applications, March 2017, Nehru Institute of Engineering & Technology.

13. B. Chokkalingam,V.Anand Babu, Effects of Micro Alloying on Mechanical Properties of As Cast Steel, International Conference of Recent Innovations in Science, Engineering and Technology (ICRISET-2020), 03.07.2020 & 04.07.2020.

Books / Book Chapters (IEEE format)

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Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
-	-	-	-

Consultancy

S. No.	Organization/ Agency	Nature of Work	Amount in Rs.	Year
-	-	-	-	-

Workshops / Seminars attended

Nature of activity	Organised by	Duration	
		From	To
Entrepneurship	Dept of Mechanical Engineering, Sri Ramakrishna Institute of Technology	18.10.2013	
Workshop on Modern Trends in Optimization Techniques	Dept of Mechanical Engineering, Sri Ramakrishna Institute of Technology	05.09.2014	
Innovative idea for Innovative Product	CII, Coimbatore Zone	23.09.2015	
7th Edition of National Foundry Conclave	CII, Coimbatore	27.11.2014	28.11.2014
Advances in Artificial Intelligence	Department of Information Technology, Sri Ramakrishna Institute of Technology, Coimbatore	22.12.2016	23.12.2016
Modern Trends in Automobile Technologies	Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Coimbatore	23.02.2017	
IC Engines Overhauling	Department of Mechanical Engineering, , Sri Ramakrishna Institute of Technology, Coimbatore	March 2017	
Automotive Transmission Systems	Department of Mechanical Engineering, , Sri Ramakrishna Institute of Technology, Coimbatore	25.03.2017	
Transforming Virtual Ideas into Realistic 3D Model: Rapid Prototyping	Department of Mechanical Engineering, , Sri Ramakrishna Institute of Technology, Coimbatore	06.10.2017	
Modeling and Control of High Efficiency Electric and Hybrid Vehicles and Future Vehicle Fleet in 2030	Department of Automobile Engineering, Easwari Engineering College, Chennai	10.06.2019	23.06.2019
Seminar on Advanced Welding Technology	Sri Ramakrishna Advanced Training Institute & KEMPPI India Pvt ltd	10.07.2019	

Sl.No.	Title	Organization	Date
1	Fuzzy Logic and Neural Network Approaches for Engineering Solutions	JAER, Hexacube	01.05.2020 02.05.2020

2	Machine Learning	IETE(Mumbai) and Pantech Solutions	02.05.2020
3	Design of Experiments for Practicing Engineers	Sri Krishna College of Technology	02.05.2020
4	Advanced Driver Assistance Systems	Karpagam Institute of Technology	02.05.2020
5	Challenges in Integrating Nano Sensors to IoT Platform	Chennai Institute of Technology	04.05.2020
6	Major Challenges in Auto Component Auto Component Industries Post Covid 19	Chennai Institute of Technology	07.05.2020
7	Opportunities for Start Ups in Current Situation	Chennai Institute of Technology	08.05.2020
8	Mech 4.0 Webinar Series	Sathyabama Institute of Science & Technology and Ashok LeyLand	07.05.2020 08.05.2020
9	How to Protect Ourselves from Infectious Diseases?	Chennai Institute of Technology	11.05.2020
10	How the Teachers to be Ready to Handle Post Pandemic Challenges	Chennai Institute of Technology	12.05.2020
11	Energy auditing and Career Opportunities	Sri Eshwar College of Engineering	12.05.2020
12	Introduction to Image Quality Measures	Chennai Institute of Technology	13.05.2020
13	Additive Manufacturing(3D Printing) With Some Business Cases	Chennai Institute of Technology	13.05.2020
14	Data Science for Engineers	Sri Eshwar College of Engineering	13.05.2020
15	IoT using ARDUINO	St Francis College for Women and Pantech Solutions	13.05.2020
16	3D Printing Revolution in Manufacturing	PSNA College of Engineering and Technology	15.05.2020
17	IPR and IP Management for Innovation and Start-ups	RMK Engineering College	15.05.2020
18	Research Publication: Skills, Ethics and Misconducts	Kumaraguru College of Technology	15.05.2020
19	Computer Vision Overview	Chennai Institute of Technology	16.05.2020
20	Microgrid Technology	Chennai Institute of Technology	16.05.2020
21	FE Simulation of Laser Welding Process	Kalaignar Karunanidhi Institute of Technology	16.05.2020
22	Enduring Trends in Mobile Robotics: Present and Future	Chennai Institute of Technology	19.05.2020
23	Enjoyable and Engaging Tools to learn Coding	Chennai Institute of Technology	19.05.2020
24	Microservice Architecture	Chennai Institute of Technology	20.05.2020
25	Deep Learning using Python	Panimalar Institute of	20.05.2020

		Technology and Pantech Solutions	
26	Blockchain Technology	Chennai Institute of Technology	20.05.2020
27	Machining Studies on Aluminum Composites	CMR University, School of Engineering and Technol	21.05.2020
28	Roles of IoT in Industrial Applications	Sethu Institute of technology and Pantech Solutions	21.05.2020
29	Future Scope of Electrical Vehicle	Karpagam Institute of Technology	23.05.2020
30	Awareness on Industry Safety during Covid 19	SA Engineering College	23.05.2020
31	Mechanical aspects of High Voltage Circuit Breakers and Isolators	CMR University, School of Engineering and Technology	25.05.2020

Date	Title	Organizing College	Duration
01.06.2020	Quality, Reliability and Safety - An Overview	Sri Eshwar College of Engineering	One Day
01.06.2020	Quality, Reliability and Safety - An Overview	Sri Eshwar College of Engineering	One Day
02.06.2020	Where will you fit into a real time project	Sri Eshwar College of Engineering	One day
02.06.2020	Research Scope in Boiling Heat Transfer	Chennai Institute of Technology	One Day
03.06.2020	Tissue engineering and Organ printing	Chennai Institute of Technology	One Day
03.06.2020	CAE for Product Design - An Insight	Sri Eshwar College of Engineering	One Day
16.06.2020	Engineering Education in New Normal Defining Possibilities	PSG Ptc	
23.06.2020	Manufacturing Analytics	Chennai Institute of Technology	One Day
24.06.2020	Digital Radiography	Chennai Institute of Technology	One Day
24.06.2020	What is Success	Sri Eshwar College of Engineering	One Day
26.06.2020	Social Responsibility	Sri Eshwar College of Engineering	One Day
26.06.2020	Analysis and Optimization of Heating, Ventilation and Air Conditioning (HVAC) System"	Magestic Technology Solutions Private Limited.	One Day
26.06.2020	Oxygen Electrocatalysis: The Holy Grail of Energy Conversion and Stora	Chennai Institute of Technology	One Day
30.06.2020	Skillset for Enhancing employability	Sri Eshwar College of Engineering	One Day

04.07.2020	Numerical Investigation of flow and heat transfer using nano fluids	Francis Xavier Engineering College	One Day
06.07.2020	“FUTURE APPROACH TO AEROSPACE VEHICLE DESIGN”	Francis Xavier Engineering College	One Day
06.07.2020	Your Mind - Your Master	Sri Eshwar College of Engineering	One Day
07.07.2020	"Automotive Seating System & its Validation	Sri Eshwar College of Engineering	One Day
08.07.2020	Quit Your Comfort Zone and Hit your Target	Sri Eshwar College of Engineering	One Day
09.07.2020	Selling Skills - The Secret to a Successful Life	Chennai Institute of Technology	One Day
10.07.2020	Product Lifecycle Management	Sri Eshwar College of Engineering	One Day
10.07.2020	The Urban Farming and Agriculture	Chennai Institute of Technology	One Day
11.07.2020	Nanofluids in solar energy utilization	Francis Xavier Engineering College	One Day
15.07.2020	Automotive Infotainment System	Sri Eshwar College of Engineering	One Day
15.07.2020	Recent Advances in Nano Technology	Vidyavardhaka College of Engineering	One Day
16.07.2020	Energy and Environment	Sri Eshwar College of Engineering	One Day
16.07.2020	3 Enemies of Operation Excellence	Chennai Institute of Technology	One Day
17.07.2020	Mechanical Engineering and beyond - an Industry perspective	Chennai Institute of Technology	One Day
21.07.2020	Innovation in Education	Sri Eshwar College of Engineering	One Day
22.07.2020	Recent Trends in Rehabilation Robots	Sri Eshwar College of Engineering	One Day
23.07.2020	Last time - First time Approach to groom your Knowledge and Skills	Sri Eshwar College of Engineering	One Day

Faculty Development Program attended (from recent)

Nature of activity	Organised by	Duration	
		From	To
ISTE workshop on Engineering Mechanics	IIT Bombay	26.11.2013	06.12.2013
ISTE workshop on Fluid Mechanics	IIT Kharagpur	20.05.2014	30.05.2014
ISTE workshop on Control Systems	IIT Kharagpur	02.12.2014	12.12.2014
ISTE workshop on Engineering Mechanics	IIT Bombay	26.11.2013	06.12.2013
Modeling and Control of High Efficiency Electric and Hybrid Vehicles and Future Vehicle Fleet in 2030	Department of Automobile Engineering, Easwari Engineering College, Chennai	10.06.2019	23.06.2019
Robotics Process Automation	Jeppiaar Institute of Technology	04.05.2020	06.05.2020
FDP on Advanced Materials and Manufacturing	Kakatiya Institute of Technology & Science Department of Mechanical Engineering	29.06.2020	03.06.2020
Nanomaterial Synthesis, Process, Characterization and Its Functional Applications	Hindusthan College of Engineering and Technology	06.07.2020	11.07.2020
Solar Energy Application	Hindusthan College of Engineering and Technology	14.07.2020	17.07.2020

Events Organized (from recent)

S.No.	Title	Duration	Level (Intern./ National)
1	One day seminar on Industry 4.0	One day(28/09/2017)	National
2	One Day Workshop on Energy Conservation	One day (11/10/2017)	National
3	Project Exhibition for Polytechnic College Students, SRIT Explore 2016	24.02.2016 25.02.2016	National
4	Advanced Manufacturing Processes	23.03.2017 24.03.2017	National

5	Recent Trends in Foundry Technology	17.09.2019	National
6	Applications of CAD in Metal Casting	30.01.2020	National
7	Effective Casting Simulation	04.02.2020	National
8	Quality Circle	02.03.2020	National

Conference

FDP

Workshops

Seminars

Online Courses Completed

Sl. No.	Title	Platform
1	Introduction to composites	NPTEL
2	Toyota production Sysytem	NPTEL
3	Principles of Casting Technology	NPTEL
4	Material Processing	Coursera
5	The hidden value – Lean in manufacturing and services	Coursera
6.	How to Write and Publish a Scientific Paper (Project-Centered Course)	Coursera
7	Data Analytics for Lean Six Sigma	Coursera
8	Experimentation for Improvement	Coursera
9	Six Sigma Principles	Coursera

Awards and Recognitions Secured

The technical paper Titled " **ELIMINATION OF DEFECTS AND INCREASING THE YIELD OF A DUCTILE IRON CASTING BY REDESIGNING THE FEEDING SYSTEM** (published in June, 2006, Vol. 52 No. 6 issue of Indian Foundry Journal, p. 25-29) was selected as the **BEST TECHNICAL PAPER** for 2007.

The project titled "**Automatic Footwear Dust Cleaner"** was selected for final round in Innovative idea for Innovative Product conducted by CII, Coimbatore in 23rd September 2015.

Self-appraisal

Major Strengths

1.Collaborative
2.Adaptability
3.Ability to Simplify Concepts
4.Creativity
5.Interest to learn
6.Problem Solving
7.Communication

Major Weakness

1.Over Planning
2.Too much Preparation
3.Execution of too many tasks simultaneously
4.Perfectionism

Signature