



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: Mr. B Varun, B.E., M.E, Placement Officer, Assistant Professor Mechanical Engineering					
Date of birth	:	02-12-1983	Gender	:	Male
Nationality	:	Indian	Marital status	:	Married
Address for correspondence	:	30/1 Cheryl Cottage, BK Pudur, Kuniamuthur, Coimbatore 08	Permanent address	:	30/1 Cheryl Cottage, BK Pudur, Kuniamuthur, Coimbatore 08
Mobile no	:	9787608011	e-mail (official)	:	varun.me@srit.org
Landline	:		e-mail (personal)	:	bvarun.me@gmail.com
Date of joining	:	25-06-2008	Post of joining	:	Lecturer
No of promotions since D.O.J	:	3	Present post	:	Assistant Professor (Selection Grade)
Present pay scale	:	15100-39100 (AGP 8000)	Gross pay	:	45211.00
Employee ID	:	TE114	Bank account No. (Salary credited)	:	500101010539174
P.F. No	:	TN/CBE/56764/351	Group Insurance No	:	AG00059675000102
PAN Number	:	AKBPV6028L	Aadhar Number	:	737506055344
AICTE ID	:	1-473670727	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	2005	CSI College of Engineering	Anna University	First Class
PG	Engineering Design	2011	Anna University of Technology	Anna University	First Class
Ph.D					
Others					

Registration for Ph.D. with area of interest:

Year of Ph.D. Registration: 2014

Year of Ph.D. Completed:

Thesis Title:

Supervisor Recognition Number:

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
Sri Ramakrishna Institute of Technology	Assistant Professor (Selection Grade)	01-06-2019		4	5	24
	Assistant Professor (Senior Grade)	01-10-2014	31-05-2019	4	7	30
	Assistant Professor	01-08-2012	30-09-2014	2	1	29
	Lecturer	25-06-2008	31-07-2012	4	1	6
Total				15	5	0

Industrial Experience

Name of the Organisation	Designation	Nature of Work	Joining Date	Relieving Date	Experience		
					Years	Months	Days
Nil							
Total							

Courses Handled

Academic Year	Semester	Course Code	Course Name	Type of Course (T / L)	Pass Percentage
2023-2024	5	20ME015	Design of Machine Elements	T	
2022-2023	6	20ME013	Design of Transmission Systems	T	82
2022-2023	5	20ME015	Design of Machine Elements	T	84
2021-2022	6	UMEC013	Design of Transmission Systems	T	86
2021-2022	5	UMEC015	Design of Transmission Systems	T	78
2020-2021	5	UMEC008	Dynamics of Machines	T	94
2020-2021	7	UMGG011	Entrepreneurship Development	T	97
2020-2021	6	UMEC013	Design of Transmission Systems	T	96
2020-2021	4	UMEC202	Composite Materials	T	97
2019-2020	5	UMEC008	Dynamics of Machines	T	86
2019-2020	7	UMEC203	Maintenance Engineering	T	100
2019-2020	6	UMEC014	Integrated Design Project	L	96
2019-2020	4	UMEC202	Composite Materials	T	96
2018-2019	5	ME6505	Dynamics of Machines (ME6505)	T	55
2018-2019	5	ME6505	Dynamics of Machines (ME6505)	T	55
2018-2019	4	UMEC202	Composite Materials (Mech A)	T	79
2018-2019	4	UMEC203	Maintenance Engineering (Mech C)	T	76

2017-2018	1	UICH010	Mechanical Engineers and Society	T	52
2017-2018	1	UICH010	Mechanical Engineers and Society	T	56
2017-2018	7	ME8711	Simulation and Analysis Laboratory	L	96
2017-2018	2	UICE010	Engineering Graphics	T	94
2017-2018	8	MG6071	Entrepreneurship Development	T	92
2017-2018	4	ME8261	Computer-Aided Drafting and Modeling Laboratory	L	100
2016-2017	5	ME6505	Dynamics of Machinery	T	86
2016-2017	1	GE3251	Engineering Graphics (CSE)	T	100
2016-2017	5	ME8511	Dynamics Laboratory	L	100
2016-2017	8	IE8693	Process Planning and Control	T	95
2016-2017	8		Additive Manufacturing	T	96
2016-2017	6	ME8261	Computer-Aided Drafting and Modeling Laboratory	L	100
2015-2016	5	ME2302	Dynamics of Machinery	T	86
2015-2016	1	GE3251	Engineering Graphics (CSE)	T	92
2015-2016	5	ME8511	Dynamics Laboratory	L	96
2015-2016	2	GE8292	Engineering Mechanics	T	78
2015-2016	4	ME8261	Computer-Aided Drafting and Modeling Laboratory	L	100
2014-2015	5	ME2302	Dynamics of Machinery	T	86
2014-2015	1	GE3251	Engineering Graphics	T	88
2014-2015	7	ME8781	Mechatronics Laboratory	L	100
2014-2015	8	ME1019	Maintenance Engineering	T	100
2014-2015	4		Computer-Aided Drafting and Modeling Laboratory	L	100
2013-2014	5	ME2302	Dynamics of Machinery	T	86
2013-2014	1		Engineering Graphics	T	92
2013-2014	7	ME8781	Mechatronics Laboratory	L	100
2013-2014	8	ME1019	Maintenance Engineering	T	100
2013-2014	4		Computer-Aided Drafting and Modeling Laboratory	L	100
2012-2013	1		Engineering Graphics (Mechanical)	T	100
2012-2013	1		Engineering Graphics (EEE)	T	100

2012-2013	1		Engineering Practices Laboratory	L	100
2012-2013	7	ME1019	Maintenance Engineering	T	96
2012-2013	7		Computer-Aided Simulation and Analysis Laboratory	L	100
2012-2013	7		Mini Project	L	100
2011-2012	5	ME 2302	Dynamics of Machinery	T	76
2011-2012	1	080120001	Engineering Graphics (CIVIL)	T	100
2011-2012	5	ME8511	Kinematics and Dynamics Laboratory	L	96
2011-2012	1		Engineering Practices Laboratory	L	100
2011-2012	2		Engineering Mechanics	T	76
2011-2012	2		Basics of Mechanical Engineering	T	100
2011-2012	4		Computer-Aided Manufacturing Laboratory	L	100
2010-2011	1	080120001	Engineering Graphics (Mechanical)	T	100
2010-2011	1	080120001	Engineering Graphics (ECE 'B')	T	100
2010-2011	1		Engineering Practices Laboratory (Civil)	L	100
2010-2011	2	080120002	Engineering Mechanics	T	86
2010-2011	2		Basics of Mechanical Engineering	T	100
2010-2011	4		Computer-Aided Machine Drawing Laboratory	L	100
2009-2010	1	080120001	Engineering Graphics (ECE 'A')	T	100
2009-2010	1	080120001	Engineering Graphics (ECE 'B')"	T	100
2009-2010	1		Engineering Practices Laboratory (EEE)	L	100
2009-2010	2		Basics of Mechanical Engineering (ECE 'A')	T	100
2009-2010	2		Basics of Mechanical Engineering (ECE 'B')	T	100
2009-2010	2		Basics of Mechanical Engineering (IT)	T	100

2008-2009	1	080120001	Engineering Graphics (CSE)	T	100
2008-2009	1	080120001	Engineering Graphics (EEE)	T	100
2008-2009	1		Engineering Practices Laboratory	L	100
2008-2009	3		Computer-Aided Machine Drawing Practice (Asst)	L	100
2008-2009	5		Communication Skills and Technical Seminar	L	100
2008-2009	2		Engineering Mechanics	T	94
2008-2009	2		Basics of Mechanical Engineering (ECE 'A')	T	100
2008-2009	5		Metrology and Measurements Laboratory (Asst)	L	100

Projects Guided

Academic Year	Semester	Project Title	UG / PG

Publications

Publications	SCI / Scopus / Web of Sciences	Others
Journal	6	
Conferences		28

Journal Publications (IEEE format)

B. Chokkalingam, M. Priya, R. Immanuel, and B. Varun, "Identification of the Root Causes for Blowhole Defect in Castings Using Quantitative Risk Ishikawa Diagrams," Journal of Advanced Manufacturing Systems, vol. 21, no. 02, pp. 367–392, Sep. 2021, <https://doi.org/10.1142/s0219686722500081>.

B. Varun, S. Gopi, and R. Manikandan, "Experimental studies on the effects of reinforcing cowpat ash with aluminium composites," Proceedings Of The Institution Of Mechanical Engineers, Part E: Journal Of Process Mechanical Engineering, vol. 237, no. 5, pp. 1888–1899, Sep. 2022, doi: <https://doi.org/10.1177/09544089221129862>.

B. Varun, S. Gopi, and R. Manikandan, "Influence of cowpat ash particles on micro structure, mechanical and tribological properties of Al 7075 composites," *Journal of Ceramic Processing and Research* vol. 23, no. 4, pp. 1-13, Sep. 2022, doi <https://doi.org/10.36410/jcpr.2022.23.4.1>

S. Vellaiyan, "Enhancement in combustion, performance, and emission characteristics of a biodiesel-fueled diesel engine by using water emulsion and nanoadditive," *Renewable Energy*, vol. 145, pp. 2108–2120, Jan. 2020, doi: <https://doi.org/10.1016/j.renene.2019.07.140>.

B. Varun, V. Kumar, L. Jery Rajkumar, and D. R. Medhunhashini, "Characterization of aluminum / (SiC+B4C) ceramic particles reinforced hybrid Surface Composites (SC) fabricated by friction stir processing," *IOP conference series*, vol. 932, no. 1, pp. 012119–012119, Sep. 2020, doi: <https://doi.org/10.1088/1757-899x/932/1/012119>.

S. Veerakumar, V. AnandBabu, and B. Varun, "Design and implementation of PK-PD model based PID controller for closed-loop anesthesia regulation," *IOP Conference Series: Materials Science and Engineering*, vol. 932, no. 1, p. 012095, Sep. 2020, doi: <https://doi.org/10.1088/1757-899x/932/1/012095>.

Immanual.R, Paul Vinofer.B, Chokkalingam.B, Varun.B, Oswalt Manoj.S, Raja.V, Dhinesh Kumar.M, "Prediction of Cooling Tower Thermal Characteristics using Newly Developed Software for a Chemical Industry", *International Journal of Chemtech Research*, e-ISSN 2455-955

V.Raja, Chokkalingam.B, B. Varun, Immanual.R, Dhinesh Kumar. M, Paul Vinofer.B, "Fabrication and Hardness Examination of Recycled Plastic Composite with Glass Fibre" *International Research Journal of Engineering and Technology (IRJET)*, e-ISSN: 2395 - 0056, p-ISSN: 2395-0072, Volume: 04 Issue: 01 | Jan - 2017, PP 1160- 11635, P-ISSN 0974-4290, Volume 10, Issue 12, Nov 2017, PP 344-350

Vellaiyan, S., Amirthagadeswarn, K. S., & Varun, B. Carbon Dioxide Capture Via Liquid Nitrogen in Compression Ignition Engine.

Conference Publications (IEEE format)

1. Varun, B., Kumar, V.M., Jery Rajkumar, L., Medhunhashini, D.R., "Characterization of aluminium / (SiC+B4C) ceramic particles reinforced hybrid Surface Composites (SC) fabricated by friction stir processing", 1st International Conference of Science, Engineering and Technology (ICSET 2020), the University of Malaysia Perlis, Penang, Malaysia, 28-02-2020,
2. Veerakumar, S., Anandbabu, V., Varun, B , "Design and implementation of PK-PD model based PID controller for closed loop anesthesia regulation" 1st International Conference of Science, Engineering and Technology (ICSET 2020), University of Malaysia Perlis, Penang, Malaysia, 28-02-2020,

3. B. Varun, "Smart Water Hyacinth Harvester", 2nd National Conference on Recent Development in Automobile and Mechanical Engineering (RDAME'20), held at Easwari Engineering College, Chennai on 11th March 2020
4. B. Varun, "Design, Fabrication and Analysis of Garbage and Materials Collector in Railway Track", International Conference on Research Advancements & Challenges in Engineering Sciences (ICRACE'20), Held at Velammal Institute of Technology during 6th and 7th March 2020
5. B. Varun, "Characterization of Aluminum/ (SiC +B₄C) Ceramic Particles Reinforced Hybrid Surface Composites by FSP", First International Conference of Science, Engineering and Technology 2020 (ICSET2020), held at The Rainbow Paradise Hotel, Penang, Malaysia organized by University Malaysia Perlis, Malaysia on 27th February 2020
6. B. Varun, "Manufacturing of surface AA7075 Composites by FSP", National Conference on Recent innovations in welding and surface engineering (RIWASE 2019)" held at Government College of Engineering, Bargur, 635104 on 26th and 27th July 2019. ISBN No:9789387882881
7. B. Varun, Medhunhashini.D. R, Jeryraj Kumar.L and S. Boovedravarman "Electronic Based Rice Reaper and Seed Sowing Machine" International Conference on Multidisciplinary Perspectives in Engineering and Technology (ICMET-2019) held at Krishna Chaitanya Institute of Technology & Sciences and Institute for Engineering Research and Publication 24th and 25th May 2019. ISBN No:9789389107111
8. B. Varun, "Alcohol Detection system with Engine controlling by fuel cutoff", Fifth National Conference on Recent Advances in Manufacturing, Design and Thermal Engineering-RAMDTE 2019, held at Sri Ramakrishna Institute of Technology, Coimbatore on 22nd March 2019
9. B. Varun, "Electronically Based Rice Reaper and Sowing Machine", Fifth National Conference on Recent Advances in Manufacturing, Design and Thermal Engineering-RAMDTE 2019, held at Sri Ramakrishna Institute of Technology, Coimbatore on 22nd March 2019
10. B.Varun, "Characterization of Silica and Boron Carbide particulate reinforces AA6082 / (SiC+B₄C) Aluminum alloy composites via Friction stir Processing" Global Summit on Science Technology and Engineering and Management - (GSSTEM- 2018) held at Sri Ramakrishna Institute of Technology, Coimbatore on 3rd and 4th May 2018. ISBN No:9788190838887
11. B.Varun, "Establishing experimental relationships between mechanical properties of Aluminium Nano Particles Reinforced Hybrid Surface Composites and optimized friction stir processing process parameters" International Conference on Frontiers in Engineering, Applied Sciences and Technology-(FEAST 2018) held at National Institute of Technology, Tiruchirappalli on 27th and 28th April 2018. ISBN No:9788190838887
12. B.Varun, "Establishing Experimental relationships between mechanical properties of Aluminium Nano particles Reinforced hybrid surface Composites" National Seminar on "Environment, Health and Natural Sciences" (NSEHNS-2018) organized by Department of chemistry, of Sri Ramakrishna Institute of Technology, Coimbatore 24th February 2018

13. B.Varun, "Fabrication of a New Al Al₂O₃ CNTs Composite using FSP" Fourth National Conference on "Recent Advances in Manufacturing, Design and Thermal Engineering(RAMDTE-2017)" organized by Department of Mechanical Engineering of Sri Ramakrishna Institute of Technology, Coimbatore 28th April 2017
14. Immanuel.R, Harish Nikil.M, Judes Renso Fernando.P, Raja.V, Dhinesh Kumar.M, B.Varun and Asha.P "Study of Electrochemical Oxidation Technique Using Textile Blue Dye" at International Conference on Frontiers in Engineering, Applied Sciences and Technology-(FEAST 2017) held at National Institute of Technology, Tiruchirappali on 31st March and 1st April 2017. ISBN No: 9788190838887.
15. B.Varun, "Influence of Fly ash Nanoparticle on Microstructure and Hardness of AA6082 Hybrid Aluminium Composites Synthesized via FSP" International Conference on "Futuristic Innovations in Mechanical Engineering and Manufacturing Management(ICFIMEMM-17)" held at Kumarasamy College of Engineering, Karur on 30th and 31st March 2017
16. B.Varun, "An Experimental Investigation on Solar Spiral Thermal Collector using ANSYS Simulation" National Conference on "Recent Advancement and Effectual Researches in Electrical Engineering" held at Sri Krishna College of Technology, Coimbatore on 28th March 2017
17. V.Muthukumar, Dr.S.Gopi and B.Varun, "Optimization of surface roughness in CNC End Milling of AL6063" First International Conference on Advances in Metallurgy, Materials and Manufacturing-2017(ICAMMM'17)" held at Government College of Engineering, Salem on 6th to 8th March 2017
18. B.Varun, "Fabrication of an External Medium for Investigating Mechanical Properties of Hybrid Al Nano Composite by FSP " 2nd National Conference on Recent Trends in Science and Engineering(NCRTSE 2K17), Christ the King Engineering College, Coimbatore 4th March 2017
19. B.Varun, Dr.S.Gopi and V.Muthukumar "Synthesis and Characterization of Silica Carbide and Boran Carbide Particulate Reinforces AA6082/(SiC+B₄C) Aluminium Alloy composites via Friction Stir Processing(FSP)" First International Conference on Recent Advances in Mechanical Engineering(ICRAMEK'17)" held at Government College of Engineering, Salem on 2nd and 3rd March 2017
20. B.Varun, and D.R.Medhun Hashini "Fault Detection and Diagnosis using Statistical control and Artificial Neural Network(ANN)" the National Conference on Recent Advancement in information and Computer Technology (NCRAICT'17)" held at VLB Janakiammal College of Arts and Science, Coimbatore on 23rd February 2017
21. B. Varun, Dr.S.Gopi and V.Muthukumar " Synthesis and characterization of Boran Carbide particulate reinforces AA6082 / B₄C Aluminum alloy composites via Friction stir Processing" National Conference on Innovations and recent trends in Mechanical Engineering, Organized by Department of Mechanical Engineering, University VOC College of Engineering, Thoothukudi, on 20th February 2017

22. B. Varun, "Acoustic Absorption and Emission properties of natural Agri waste materials-A-Review" National Conference on Innovations and recent trends in Mechanical Engineering, Organized by Department of Mechanical Engineering, University VOC College of Engineering, Thoothukudi, on 20th February 2017
23. Augustine Babu and B.Varun "Nano fluid Augmented Cooling of Solar Thermoelectric Refrigerator - An Experimental Study" International Conference on Emerging Trends in Engineering Research,(ICETER) conducted by International Association of Engineering &Technology for Skill Development (IAETSD) at Hotel Chennai Gateway on 20th March 2016
24. B.Varun "An Experimental Study on the Effect of Process Parameters on Mechanical and Micro structural Properties of AA 6082-T6 by Friction Stir Processing" 3rd National Conference on "Intelligent Automation in Manufacturing and Automotive Technologies" IAMAT 2015, conducted by Sri Ramakrishna Institute of Technology, Coimbatore on 27th March 2015
25. Medhun Hashini D.R. and B.Varun "Clustering Approach to Test Case Prioritization Using Code Coverage Metric " fourth National Conference on Advanced Computing, Applications & Technologies and Easwari College of Engineering, Chennai on 7th May 2014
26. B.Varun "Stress Investigation and Optimization of Crank Shaft Subjected to Dynamic and Static Loading" 7th National Conference e-TIME 2014, Karpagam College of Engineering, Coimbatore on 28th March 2014.
27. B.Varun, Suresh V and Mutu Kumar V "Optimization of Spur Gears by Using Genetic Algorithm" National Conference on "Intelligent Automation in Manufacturing and Automotive Technologies" IAMAT 2013, Sri Ramakrishna Institute of Technology, on 27th of April 2013.
28. Suresh V and B.Varun "Experimental Investigation of Engine Performance and Emission Characteristics using Nano Blended Diesel" National Conference on "Intelligent Automation in Manufacturing and Automotive Technologies" IAMAT 2013, Sri Ramakrishna Institute of Technology, on 27th of April 2013.

Books / Book Chapters (IEEE format)

1. B. Varun, Design of Transmission Systems. 2022
2. B. Varun, Integrated Design Project. 2020.

Sponsored Research

Project Title	Funding Agency	Amount Rs.	Duration
Entrepreneurship Awareness Camp	DST-NIMAT	20000.00	3 Days
Entrepreneurship Awareness Camp	DST-NIMAT	20000.00	3 Days

Consultancy

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

Workshops / Seminars attended

1. Two-day hands-on Training on “Python Programming” organized by centre for Academic Courses Anna University- Chennai, and Sponsored by the Centre for Faculty Development, Anna University held at Coimbatore Institute of Technology, Coimbatore, During 28th& 29th August 2017
2. Two days meet on “Industry Institute Collaboration” jointly organized by EDI Chennai, EDC Anna University Regional Campus Coimbatore, and EDC Coimbatore Institute of Technology, at Jenny’s Residency, Coimbatore During 17th& 18th March 2017
3. Two-day hands-on Training on “IC Engines Overhauling” organized by the Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Coimbatore on 23rd& 24th February 2017
4. One day workshop on "Automotive Transmission Systems" Organized by SAE SRIT Collegiate Club, Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Coimbatore on 25th February 2017
5. One day workshop on "Modern Trends in Automotive Technologies" Organized by SAE SRIT Collegiate Club, Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology, Coimbatore on 23rd February 2017
6. One day seminar on "Intellectual Property Rights" Conducted by PSG-STEP, PSG College of Technology Coimbatore on 25th January 2017
7. One day seminar on "NANO VISION’17" Conducted by Department of Nano science and Technology, Sri Ramakrishna Engineering College, Coimbatore on 17th February 2017
8. One day workshop on "Knowledge Based Engineering" Conducted by Department of Mechanical Engineering, Info Institute of Engineering College, Coimbatore on 11th February 2017
9. One day Hands on Workshop on " Industrial Automation" Conducted by Department of Electrical and Electronics Engineering of Sri Ramakrishna Institute of Technology on 14.11.2016
10. Three-day National Workshop on “Advanced Materials and Manufacturing “Organized during 28th to 30th September 2016 at National Institute of Technology Karnataka, Surathkal.

11. One day seminar on "Skilling tomorrow's Engineers with Advanced Product Development Capabilities" Organized by Lavender Technologies & Solutions in Association with Siemens PLM Software and Design tech Systems Ltd on 29th July 2016 at Hotel CAG Pride, Coimbatore.
12. One day seminar on "Engineering, Education & Research Seminar" Conducted by National Instruments (NI-India) at The Residency, Coimbatore on 21st June 2016
13. One day workshop on "NPTEL" Conducted by Indian Institute of Technology, Chennai at Ammini College of Engineering Palakkad Kerala on 28th November 2015
14. One day workshop on "Engineering, Education & Research Seminar" Conducted by National Instruments, Bengaluru at The Residency, Coimbatore on 17th June 2015
15. One day workshop on "Friction Stir Processing of Aluminium Alloys" Conducted by Department of Production Engineering, Indian Institute of Technology, Madras on 05th March 2015
16. Two days workshop on "Design of Experiments" Conducted by Department of Mechanical Engineering, SNS College of Technology-Coimbatore on 30th and 31st January 2015.
17. One Day workshop on " Modern Trends in Optimization Techniques" Conducted by Department of Mechanical Engineering, Sri Ramakrishna Institute of Technology-Coimbatore on 5th September 2014.
18. One Day workshop on "ENTREPRENEURSHIP" Conducted by the Department of Mechanical Engineering Sri Ramakrishna Institute of Technology-Coimbatore on 18th October 2013
19. One Day Workshop on "Design for Manufacture and Assembly" organized by the School of Mechanical & Building Sciences, VIT-Chennai on March 02nd.2013
20. Two days workshop on "Graphical System Design Using LabVIEW" Organized by the Departments of ECE, EEE, and Mechanical Engineering in Association with NI-Bengaluru on 19-20th February 2013
21. Two-Day ISTE-Workshop on "Aakash for Education" Conducted by Indian Institute of Technology Bombay on 10th & 11th November 2012
22. One Day Workshop on "Effective Experimentation in Mechatronics Laboratory" Conducted by SNS College of Technology, Coimbatore, on 27-07-2012.
23. One Day Workshop on "Learn Solid Modeling in One day" Conducted by SKR Engineering College, Chennai, at Karpagam Institute of Technology, Coimbatore, on 20-07-2012.
24. One-day workshop on "Non-Conventional Energy Sources" Conducted by Sri Ramakrishna Institute of Technology, Coimbatore, on 01 March 2012.

25. One-day workshop on “Need-based Approach for Effective Teaching” Conducted by Sri Ramakrishna Institute of Technology, Coimbatore, on 21-06-2011.

Faculty Development Program attended (from recent)

1. Faculty Development Programme on “Training of Trainers” organized by NPTEL conducted by Indian Institute of Technology during November 2023
2. Faculty Development Programme on “Teaching and Learning in General programmes (TALG)” organized by NPTEL conducted by Indian Institute of Science during November 2023
3. AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Programme on "Bridging the Gap Between Academia and Industry Through Advanced Pedagogical Techniques" from 2021-06-08 to 2021-06-12 at Center for Management Studies, JAIN Deemed-to-be University
4. AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Programme on "Quantum Artificial Intelligence" from 2021-05-24 to 2021-05-28 at Indian Institute of Information Technology Pune.
5. AICTE Training and Learning (ATAL) Academy Online Elementary Faculty Development Programme on "Classical Optimization Techniques in Manufacturing Systems Manufacturing Optimization Engineering" from 05-07-2021 to 12-07-2021 at Guru Nanak Institutions Technical Campus, Telangana.
6. Completed AICTE Universal Human Values Faculty Development Programme
7. Faculty Development Programme on R programming and Python – Guru Nanak Institute of Technology – May 2020
8. Faculty Development Programme on recent Advancements in Mechanical Engineering – Bharath Institute of Engineering and Technology June 22-26 – 2020
9. Faculty Development Programme on Welding for Additive Manufacturing – Coimbatore Institute of Engineering and Technology – June 10-15 -2020
10. Faculty Development Programme on Refrigerants progression and Environmental Concerns – QIS College of Engineering and Technology. June 1-5, 2020.
11. AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on "Leadership & Excellence" from 2020-9-7 to 2020-9-11 at Government Engineering College, Haveri.
12. AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on "Operations Management" from 2020-8-31 to 2020-9-4 at Sri Sai Ram Engineering College.

13. AICTE Training and Learning (ATAL) Academy Online Faculty Development Programme on "Data Sciences" from 2020-12-7 to 2020-12-11 at Sri Krishna College of Engineering and Technology.
14. One Week Faculty Development programme on "Engineering Mechanics" held at Velammal Institute of Technology, Chennai from 5th to 10th December 2019
15. Three Days Faculty Development Programme on "Entrepreneurship" Organized and Conducted by Entrepreneurship Development Cell-Anna University Regional Centre-Coimbatore, from 16th to 18th July 2019
16. Two-week Faculty Development Programme on "Entrepreneurship" Conducted by PSG College of Technology, Coimbatore, during the period 21st January – 4th February 2019.
17. Three Days Faculty Development Programme on "Entrepreneurship" Organized and Conducted by Entrepreneurship Development Cell-Anna University Regional Centre-Coimbatore, from 13th to 15th December 2017
18. Three Days Faculty Development Programme on "Soft computing Techniques using MATLAB for Engineering Research" Organized and Conducted by Department of Electrical and Electronics Engineering, Sri Ramakrishna Institute of Technology-Coimbatore. During 09-08-2017 & 11-08-2017.
19. Three Days Faculty Development Programme on "Entrepreneurship" Organized and Conducted by Entrepreneurship Development Cell-Anna University Regional Centre-Coimbatore, from 04-01-2017 to 06-01-2017.
20. One Week Faculty Development Programme on "Design of Experiments and Programming skills for advanced research" Organized and Conducted by Department of Mechanical Engineering, Government College of Engineering, Salem. From 14th to 20th December 2016.
21. Two-day Faculty Development Programme on "Introduction to MATLAB and its Application in Engineering" Organized and Conducted by Department of Civil Engineering, Sri Ramakrishna Institute of Technology-Coimbatore. From 15-11- 2016 & 16-11-2016.
22. Two Week Faculty Development Programme on "Fabrication and Characterization of Composite Materials" Conducted by Dr.Mahalingam College of Engineering and Technology, Pollachi, Coimbatore. From 21-04-2015 to 03-05-2015.
23. Faculty Development Programme on "CAD using CATIAV6" organized by the School of Mechanical and Building Sciences, VIT Chennai on the 26th and 27th of September 2014
24. Two Week Faculty Development Programme on "Fluid Mechanics and Machinery" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore from 20-05-2014 to 30-05-2014

25. Two Week Faculty Development Programme on "Engineering Mechanics" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore during November-December 2013
26. Two Week Faculty Development Programme on "Modeling and Optimization of Manufacturing systems by Intelligent Techniques" Conducted by Bannari Amman Institute of Technology, Coimbatore, during the period 2nd May 2013 to 18th May 2013
27. Teaching Assistant for the Two-Week Faculty Development Programme on "Engineering Thermodynamics" Conducted by IIT Bombay at Sri Ramakrishna Institute of Technology, Coimbatore During 11th 21st -December 2012
28. Two-week Faculty Development Programme on "Entrepreneurship" Conducted by PSG College of Technology, Coimbatore, during the period November 19 – December 1, 2012.

Events Organized (from recent)

Conference

FACULTY DEVELOPMENT PROGRAMME

Workshops

Seminars

Online Courses Completed

Sl. No.	Title	Platform
1	Training of trainers	NPTEL
2	Patent Drafting for Beginners	NPTEL
3	Teaching and Learning in General Programs	NPTEL
4	Innovation Design	NPTEL
5	Excel skills for Essentials	Coursera
6	Fundamentals of Graphic Design	Coursera
7	Intelligent Machining	Coursera
8	Python-Programming	Edx
9	Business English Certificate Preliminary	Cambridge
10	Manufacturing Process Technology	NPTEL IITK
11	Speaking Effectively	IITK
12	Programming, Data Structures and Algorithms in Python	IITK
13	Leadership	NPTEL

14	Stress Management	NPTEL
15	Effective Engineering Teaching in Practice	NPTEL
16	Research Writing	NPTEL
17	Goods & Service Tax	ICT
18	Journal Publishing Cycle	Academy
19	How to write Abstract and Improve your Article	Elsevier Publishers
20	Introduction to Modern Application Development	Elsevier Publishers
21	Python	NPTEL
22	Orientation Program in Entrepreneurship	GUVI
23	Basic Programming in Mat lab	EDII-TN
24	Operations Management	Math works
25	Introduction to Mechanical Engineering	Udemy
26	Orientation Program in Entrepreneurship	Udemy
27	Nature and Properties of Materials	NPTEL

Awards and Recognitions Secured

1. Active Single Point of Contact Award from NPTEL for the efforts made towards online certifications for the period January 2023-June 2023.
2. Active Single Point of Contact Award from NPTEL for the efforts made towards online certifications for the period July 2022-Decemebr 2022.
3. Appreciation from National Youth Parliament scheme for the successful coordination of Youth Parliament at the campus during August 2022
4. Active Single Point of Contact Award from NPTEL for the efforts made towards online certifications for the period January 2022-June 2022
5. Active Single Point of Contact Award from NPTEL for the efforts made towards online certifications for the period July 2021-Decemebr 2021.
6. Active Single Point of Contact Award from NPTEL for the efforts made towards online certifications for the period July 2020-Decemebr 2020.
7. “Best Paper Award” for the paper titled “Smart Water Hyacinth Harvester”, 2nd National Conference on Recent Development in Automobile and Mechanical Engineering (RDAME’20), held at Easwari Engineering College, Chennai on 11th March 2020
8. “Outstanding Leader Award” in honor and recognition of the most exceptional creativity and innovative idea expressed in the invention “Beg Kertas-Low-cost Paper Bag Making Machine” exhibited at the 4th International Art, Creativity & Engineering Exhibition (I+ACEH 2019) in Banda Aceh, Indonesia on 2nd October 2019

9. Special award in honor and recognition of the most exceptional creativity and innovative idea expressed in the invention “Beg Kertas-Low-cost Paper Bag Making Machine” exhibited at the 4th International Art, Creativity & Engineering Exhibition (I+ACEH 2019) in Banda Aceh, Indonesia on 2nd October 2019
10. Letter of appreciation award for the efforts in disseminating and supporting the Swayam NPTEL Local Chapter learners, as a Single Point of Contact (SPOC) during the Jan-Apr 2020 semester.

Self-appraisal

Major Strengths

Adaptability and Flexibility

Smart worker

Major Weakness

Perfectionism

Taking on Too Much Responsibility

Signature