

Faculty Profile

1. Name : Sampath P.S
2. Designation : Professor
3. Date of Joining : 31.05.2010
4. Date of Birth & Age : 12.05.1973 & 49 Years
5. Nature of Association : Regular
6. E mail : sampathps@ksrct.ac.in
7. Mobile no. : +91 9962116570
8. **Academic Qualifications:**



Course	Name of the Institution / University	Year of Passing	% of Marks	Class
Ph.D (Composite Materials)	College of Engg Guindy, Anna University, Chennai	April 2008	-	-
M.Tech (Polymer Science and Engg)	College of Engg Guindy, Anna University, Chennai	Jan 2001	8.15/10 (CGPA)	First
B.E. (Mech)	Government College of Technology, Coimbatore / Bharathiyar	May 1995	70.04	First
H.S.C.	Govt. Hr. Sec. School, B.Komarapalayam	March 1991	76.41	First
S.S.L.C.	Govt. Hr. Sec. School, B.Komarapalayam	March 1989	65.80	First

Project Titles

Ph.D Dissertation: Analysis of Interlaminar Fracture Toughness of Modified Epoxy / Glass Fiber IPN Composites.

Master Thesis: Effect of Postcuring on Drop Weight Impact Behaviour of Glass Fiber/Epoxy Composite Laminates, NAL, Bangalore.

Bachelor Thesis: Design of Bucket Wheel using AUTO CAD for Reclaimer – Coal Handling System at Tuticorin Thermal Power Plant.

TEACHING EXPERIENCE

K.S.Rangasamy College of Engineering and Technology
Professor

Namakkal, Tamil Nadu
June, 2010- Present

Sri Krishna College of Engineering and Technology
Assistant Professor

Coimbatore
July 2008- May 2010

Madras Institute of Technology
Lecturer

Anna University, Chennai
Feb 2005- June 2008

College of Engineering Guindy
Teaching Research Associate

Anna University, Chennai
July 2001- January 2005

Adhiyaaman Polytechnic College
Lecturer

Hosur, Tamil Nadu
August 1997- March 1999

INDUSTRIAL EXPERIENCE

The SISCO Ltd
Production Engineer

Porur, Chennai
August 1995-July 1997

RESEARCH AREA

- Compounding of Polymers and Fillers
- Development of Light Weight Materials
- Development of Green Composites
- Mechanical Characterisation of Composite Materials
-

RESEARCH EXPERIENCE

As a Research Scholar
College of Engineering Guindy
Anna University.

Chennai, Tamilnadu
2001-2008

Part time Research Scholar; Supervisor: Dr G.Thanigaiyarasu

- ✓ Development of glass fiber/epoxy composite for aerospace application
- ✓ Development of toughened Composite Materials
- ✓ Manufacturing of Composite Specimens for performance evaluations.
- ✓ Experimental model development
- ✓ Tuned about Rs 4.9 lakhs through consultancy work carried out for Assam Bamboo Board at Department of Rubber and Plastics Technology, MIT, Anna University.

K.S.Rangasamy College of Technology

Tiruchengode, Tamilnadu

As a Research Supervisor guided 9–Ph.D research scholars 2009–Present
and guiding 2 Ph.D Research Scholars

MAJOR AREAS OF RESEARCH

- ❖ Polymer Matrix Composite Materials
- ❖ Development of light weight natural fiber based materials
- ❖ Development & Performance evaluation of all composite materials
- ❖ Developing thermoplastic based composite structures for automobile application

Scholar 1: Dr.L.Boopathi (External candidate-Erode Sengunthar Engineering College)

Research Title: Studies on Borassus fruit fiber reinforced epoxy composites and their applications.

This study aimed to develop a new kind of composite materials from naturally available fiber material as reinforcement. To achieve this, real time gear was manufactured to replace tumbler gears in the lathe.

[Publication Boopathi.L Sampath P.S., Mylsamy.K., ‘Investigation of physical, chemical and mechanical properties of raw and alkali treated Borassus Fruit Fiber’, Composites: Part B, Volume 29, Issue 11, November 2012, Pages: 1227-1234

Boopathi.L Sampath P.S., Mylsamy.K., ‘Conceptual Design of Two Wheeler Bumper made from alkali treated Borassus Fruit Fiber reinforced epoxy composites’, European Journal of Scientific Research, Volume 79, No.3 11, 2012, Pages: 353-361]

Scholar 2: Dr .M.Senthil Kumar (Internal candidate-K.S.Rangasamy College of Technology)
Research Title: Studies of Mechanical, Tribological and Fracture Toughness Properties of Glass Fiber/Nano clay/Epoxy Nano composites

This part of the research presents to develop of a new kind of nano composite material with improved tribological and interlaminar fracture toughness for automotive applications.

[Publication: Senthilkumar.M.S., Mohana Sundara Raju N Sampath P.S and Jayakumari. L.S., “Effects on Nano Materials on Polymer Composites –An Expatiate View”, Journal of Rev.Adv. Material Science, Volume 38, 2014, Pages 14-34.

Senthil Kumar, MS; Mohana Sundara Raju, N; Sampath, PS; Chithirai Pon Selvan, M; “Influence of nanoclay on mechanical and thermal properties of glass fiber reinforced polymer nanocomposites”, Polymer Composites, Vol.39,Issue 6, 2018, pp1861-1868.

Scholar 3: Dr. R.Ramamoorthi(External candidate-- SriKrishna College of Engineering and Technology, Coimbatore)

Research Title: Investigations of mechanical properties of glass fiber / modified Epoxy Nanocomposites

This study presents to develop the suitable composite structure to bear the abrasive and Dynamic loads for automobile applications.

[Publication: Ramamoorti . R , Sampath .P.S , “Investigations of Dry-Wear Behaviour of Epoxy/Glass Fiber Nanocomposites”, International Journal of Applied Engineering Research, Vol 9, pp. 13549-13551, 2014.

Scholar 4: Dr. C.Vivekananadhan (External candidate-Gandhi Polytechnic College)

Research Title: Analysis of mechanical properties of glass and kevler fiber with modified Epoxy hybrid composites

This study presents to investigate the mechanical and thermal behaviour of glass and kevler fiber with modified Epoxy hybrid composites.

Scholar 5: Dr. T.Ramakrishnan (External candidate-Sri Eswar Engineering College, Coimbatore)

Research Title: Investigation on Mechanical Properties and Wear Behaviour of Agave Angustifolia Marginata Fiber Reinforced Polymer matrix composites

Scholar 6 Dr. N.Saravanan (Internal candidate-K.S.Rangasamy College of Technology)

Research Title: Studies on Charaterization of surface Treated lagenaria siceraria Fiber and its Reinforcement Effect on Epoxy composites.

Scholar 7: Dr. R.Jeyakumar (External candidate-SriKrishna College of Engineering and Technology, Coimbatore)

Research Title: Studies of Mechanical Behaviour of Glass Fiber Modified Epoxy Nano Composites.

Scholar 8: Dr. M.Bhuvaneshwaran (Internal candidate- K.S.R. College of Engineering)

Research Title: Analysis of mechanical properties of glass and kevler fiber with modified Epoxy hybrid composites

Scholar 9Mr.S.Arul Angappan (External candidate- SSM College of Engineering, B.Komarapalayam)

Research Title: Analysis of Mechanical Properties of Natural Fiber Reinforced Hybrid Composites.

Scholar 10: Mr. S.Balu (External candidate- PSNA College of Engineering, Dindigul)

Research Title: Study of thermal behavior of synthetic fiber composite

Scholar 11: Dr.A.Karthik (External candidate-SSM College of Engineering, B.Komarapalayam)

Research Title: Evaluation of Mechanical, Thermal and Tribological Behaviour of Particulate Filled Glass Fabric Reinforced Epoxy Composites

SCHOLARLY PUBLICATIONS

(a) International Journal

1. Sampath P.S., Murugesan V., Sarojadevi M. and Thanigaiyarasu G., 'Mode I and Mode II delamination resistance and mechanical properties of woven glass/epoxy-PU IPN composites', Polymer Composites, Volume 29, Issue 11, November 2008, Pages: 1227-1234
2. Jayakumari. L.S.,Sampath P.S., and Sarojadevi M. 'Synthesis and characterization of Bis(4-cynato-3, 5-Dimethylpheny) anisyl methane/epoxy/glass fiber composite', Journal of Applied Polymer Science, Volume 112, Issue 4, Feb 2009, Pages 2579-2587.
3. Sarodajevi, M; Jayakumari, LS; Thulasiraman, V; Anuradha, G; Sampath, PS; "Structural characterization and mechanical and thermal properties of new cyanate/epoxy and cyanate/BMI blends and composites", Polyimides and other high temperature polymers: synthesis, characterization and applications.Vol.05, 2009, pp 123-148.
4. Boopathi.L Sampath P.S., Mylsamy.K., 'Investigation of physical, chemical and mechanical properties of raw and alkali treated Borassus Fruit Fiber', Composites: Part B, Volume 29, Issue 11, November 2012, Pages: 1227-1234.
5. Boopathi.L Sampath P.S., Mylsamy.K., 'Influence of fiber length in the wear behavior of Borassus fruit fiber reinforced epoxy composites', Int J Eng Sci Technol, Volume 4, No.09, September 2012, Pages: 4119-4129.
6. Boopathi.L Sampath P.S., Mylsamy.K., 'Conceptual Design of Two Wheeler Bumper made from alkali treated Borassus Fruit Fiber reinforced epoxy composites', European Journal of Scientific Research, Volume 79, No.3 11, 2012, Pages: 353-361.

7. Ramamoorthi.R Sampath P.S., 'Investigations of Water Barrier and Thermal Stability Properties of Glass Fiber Reinforced Epoxy Polymer Nano Composites', Applied Mechanics and Materials, Volume 550, 2014, Pages: 14-20.
8. Ramamoorti . R, Sampath .P.S, "Investigations of Influence of Halloysite Nanotubes on The Thermo-Mechanical and Vibration Characteristics of Glass Fiber Reinforced Epoxy Laminates", Romanian Journal of Materials, Vol. 44, pp 360-364, 2014.
9. Ramamoorti . R , Sampath .P.S , "Investigations of Dry-Wear Behaviour of Epoxy/Glass Fiber Nanocomposites", International Journal of Applied Engineering Research, Vol 9, pp. 13549-13551, 2014.
10. Sampath, P.S; Manimaran, V; Gopinath, A; Gobisankar, MM, "Wear and Corrosion studies on ferritic stainless steel (SS 409M)", International Journal of Research in Engineering and Technology, Vol.4, Issue 4, 2014 pp 501-511.
11. Ramamoorti . R , Sampath .P.S, "Experimental Investigations of Influence of Halloysite Nanotube on Mechanical and Chemical Resistance Properties of Glass Fiber Reinforced Epoxy Nano Composites" , Journal of Scientific and Industrial Research.
12. Senthilkumar.M.S., Mohana Sundara Raju N Sampath P.S and Jayakumari. L.S., "Effects on Nano Materials on Polymer Composites –An Expatiate View", Journal of Rev.Adv. Material Science, Volume 38, 2014, Pages 14-34.
13. Senthilkumar.M.S., Mohana Sundara Raju NSampath P.SandRahul.S., "Investigation and improving impact strength of Hybrid Composites on Two Wheeler Side Box", International Journal of Applied Engineering Research, Vol. 10 No.50 (2015), Pages 522-525.
14. Kumar, MS Senthil; Raju, N Mohana Sundara; Sampath, P.S; Vivek,U, "Tribological analysis of nano clay/epoxy/glass fiber by using Taguchi's technique", Materials & Design, Vol.70,2015, pp 01-09.
15. Ramamoorthi, R; Sampath, P.S, "Effect of Water Absorption on the Mechanical Properties of Halloysite Nanotube Crammed Glass Fiber Reinforced Epoxy Hybrid Nanocomposites", International Journal of ChemTech Research, Vol.8, Issue 1, 2015, pp 52-57.
16. Saravanan, N; Sampath, P.S; Sukantha, TA, "Extraction and Characterization of New Cellulose Fiber from the Agrowaste of Lagenaria Siceraria (Bottle Guard) Plant", Journal of Advances in Chemistry, Vol. 12, Issue 9, 2016, pp 4382-4388.
17. Vivekanandhan, Chinnasamy; Sampath, Pavayee Subramani, "Effect of nanoclay on the mechanical behavior of epoxy composites", Materials Testing, Vol.58, Issue10, 2016, pp 903-907.
18. Ramakrishnan, T; Sampath, P.S; Ramamoorthi, R; "Investigation of Mechanical Properties and Morphological Study of the Alkali Treated Agave Angustifolia Marginata Fiber Reinforced Epoxy Polymer Composites", Asian Journal of Research in Social Sciences and Humanities, Vol 6, Issue 9, 2016, pp 461-472.
19. Ramakrishnan, T; Sathish, K; Sampath, P.S; Anandkumar, S; "Experimental investigation and optimization of surface roughness of AISI 52100 alloy steel material by using Taguchi method", Advances in Natural and Applied Sciences, Vol.10, Issue 6, 2016, pp 130-138.
20. Jeyakumar R, Sampath, PS, Ramamoorthi, R, "Dry Sliding Wear Characteristics of Glass Fiber Reinforced Epoxy Composite with Cloisite 93 Nanoclay Filler Material", Asian Journal of Research in Social Sciences and Humanities, Vol. 7, Issue 1, 2017, pp 445-453.
21. Ramakrishnan, T; Sampath, PS, "Dry Sliding Wear Characteristics of New Short Agave Angustifolia Marginata (AAM) Fiber-Reinforced Polymer Matrix Composite

- Material”, *Journal of Biobased Materials and Bioenergy*, Vol.11, Issue 5, 2017 pp 391-399.
22. Vivekanandhan, C; Sampath, PS; Sagadevan, Suresh, ”A study of effect of nanoclay on the structural and morphological behaviour of epoxy composites”, *Romanian Journal of Materials*, Vol.47, Issue3, 2017, pp 396-400.
 23. Umachitra G, Palaniswamy, NK; Shanmugasundaram, OL; Sampath, PS; “Effect of Mechanical Properties on Various Surface Treatment Processes of Banana/Cotton Woven Fabric Vinyl Ester Composite”, *Applied Mechanics and Materials*, Vol.867, 2017, pp 41-47.
 24. Jeyakumar, R; Sampath, PS; Ramamoorthi, R; Ramakrishnan, T; “Structural, morphological and mechanical behaviour of glass fibre reinforced epoxy nanoclay composites”, *The International Journal of Advanced Manufacturing Technology*, Vol.93,2017, pp 527-535.
 25. Kumar, MS Senthil; Selvan, M Chithirai Pon; Sampath, PS; Raja, K; Balasundaram, K, “Influence of nanoclay on interlaminar shear strength and fracture toughness of glass fiber reinforced nanocomposites”, *IOP Conference Series: Materials Science and Engineering*, Vol.346, Issue 1, 2018, pp 12081.
 26. Vivekanandhan, Chinnasamy; Sampath Pavayee Subramani; Sagadevan, Suresh; “Preparation and characterization of Kevlar/glass fiber laminates with a nanoclay enhanced epoxy matrix”, *Materials Testing*, Vol.60, Issue 1, 2018, pp 81-84.
 27. Senthil Kumar, MS; Mohana Sundara Raju, N; Sampath, PS; Chithirai Pon Selvan, M; “Influence of nanoclay on mechanical and thermal properties of glass fiber reinforced polymer nanocomposites”, *Polymer Composites*, Vol.39, Issue 6, 2018, pp1861-1868.
 28. M Bhuvaneshwaran, Sampath P.S, SK Palaniappan, SK Pal, S BaluNatural Cellulosic Fiber from *Coccinia Indica* Stem for Polymer Composites: Extraction and Characterization *Journal of Natural Fibers* 18 (5),2021 644-652
 29. B Sethuraman, SP Subramani, SK Palaniappan, B Mysamy, K Aruchamy, “Experimental investigation on dynamic mechanical and thermal characteristics of *Coccinia Indica* fiber reinforced polyester composites”, *Journal of Engineered Fibers and Fabrics*, 15,2020 1558925020905831.
 30. M Bhuvaneshwaran, PS Sampath, S Sagadevan, “Influence of fiber length, fiber content and alkali treatment on mechanical properties of natural fiber-reinforced epoxy composites”, *Polimery*, 64, 2019.
 31. N Saravanan, PS Sampath, TA Sukantha, T Natarajan, “Extraction and characterization of new cellulose fiber from the Agrowaste of *Lagenaria Siceraria* (Bottle Guard) plant” , *Journal of Advances in chemistry* 12 (9), 2016, pp4382-88.
 32. B Mysamy, SK Palaniappan, SP Subramani, SK Pal, B Sethuraman, Innovative characterization and mechanical properties of natural cellulosic *Coccinia Indica* fiber and its composites ,*Materials Testing* 62 (1),2020,pp61-67.
 33. B Mysamy, V Chinnasamy, SK Palaniappan, Sampath P.S., “Effect of surface treatment on the tribological properties of *Coccinia Indica* cellulosic fiber reinforced polymer composites”, *Journal of Materials Research and Technology* 9 (6), 2020, pp16423-16434.
 34. K Aruchamy, Sampath P.S, SK Palaniappan, SK Pal, B Mysamy, “Effect of blend ratio on the thermal comfort characteristics of cotton/bamboo blended fabrics”, *Journal of Natural Fibers*, 19 (1), 2022, pp105-114.

35. G Umachitra, NK Palaniswamy, OL Shanmugasundaram, PS Sampath, "Effect of Mechanical Properties on Various Surface Treatment Processes of Banana/Cotton Woven Fabric Vinyl Ester Composite", Applied Mechanics and Materials 867,2017, pp41-47.
36. S Nagappan, SP Subramani, SK Palaniappan, B Mysamy, "Impact of alkali treatment and fiber length on mechanical properties of new agro waste Lagenaria Siceraria fiber reinforced epoxy composites", Journal of Natural Fibers,2021, pp1-12.
37. S Balu, PS Sampath, M Bhuvaneshwaran, G Chandrasekar, A Karthik, "Dynamic mechanical analysis and thermal analysis of untreated Coccinia indica fiber composites", Polimery 65 (5),2020, pp 357-362.
38. M Tamilarasan, PS Sampath,, "A Study on Effect of SiC on Mechanical Properties of Aluminium 8011 Metal Matrix" , International Journal of Engineering and Technology 7 (4), 2020, pp18-21.
39. U Guruswamy, SK Muthusamy, SS Pavayee, "Effect of fiber length on the mechanical properties of banana fiber–vinyl ester composites", Materials Testing 61 (2),2019,pp 155-158
40. A Karthik, PS Sampath, "Analysis of thrust force in drilling cotton with bamboo blended fibre-reinforced composites using Box-Behnken methodology", Indian Journal of Fibre & Textile Research (IJFTR) 45 (3), 2020, pp 267-273.
41. N Saravanan, PS Sampath, "Characterization of New Cellulose Fiber from the Molina (Lagenaria Siceraria) Plant", Journal of applied research and technology, 16 (3),2020, pp 204-210.
42. B Mysamy, SK Palaniappan, Sampath P.S, SK Pal, K Aruchamy, "Impact of nanoclay on mechanical and structural properties of treated Coccinia indica fibre reinforced epoxy composites", Journal of Materials Research and Technology 8 (6),2020, pp 6021-6028.
43. K Aruchamy, Sampath P.S. SK Palaniappan, B Sethuraman, ,Study on mechanical characteristics of woven cotton/bamboo hybrid reinforced composite laminates, Journal of Materials Research and Technology 9 (1),2020,pp718-726.
44. V Chinnasamy, Sampath P.S., SK Palaniappan, B Mysamy, K Aruchamy, "Characterization on thermal properties of glass fiber and kevlar fiber with modified epoxy hybrid composites", Journal of Materials Research and Technology 9 (3),2020, pp3158-3167.

(b) International Conference

1. Sampath P.S., Thulasiraman V., Sarojadevi M. and Thanigaiyarasu G. 'Modification of Fracture Toughness of Epoxy/Glass Fiber Laminates using Polyurethane', Macro 2004, Trivandrum, Dec 13-17, 2004, International Conference Proceedings, p. 83.
2. Sampath P.S., Thulasiraman V., SarojadeviM. and Thanigaiyarasu G. 'Interlaminar Fracture Toughness of Epoxy/Glass Fiber Laminates Modified with Polyurethane and PAN', ICBC 2004, Kottayam, March 23-25, 2005, International Conference Proceedings, p. 128.
3. Sampath P.S., Thulasiraman V., SarojadeviM. and Thanigaiyarasu G. 'Effect of post curing on interlaminar fracture toughness of epoxy-polyurethane/ glass fiber IPN

composite laminates’, AMPC2006, Chennai, August 28-30, 2006, International Conference Proceedings, Vol. 1, pp. 550-555.

4. Sampath P.S., Sarojadevi M. and Thanigaiyarasu G., ‘Effect of fiber weight fraction on interlaminar fracture toughness of epoxy – PU /glass fiber composite laminates’, ISRS2006, IIT Madras, Dec 18-20, 2006, International Conference Proceedings, pp 289-294.
5. Jayakumari. L.S., Sampath P.S., Thulasiraman and Sarojadevi M. ‘Structural characterization and thermal properties of new cynate/epoxy and new cynate/DMI blends and composites’, MST Conference, 5th International conference on polyimides and other high temperature polymers, Orlando, Florida, USA, November 5-7, 2007.
6. Sampath P.S, Sarojadevi M. and Thanigaiyarasu G. “The effect of matrix toughness and strain rate on the mode-I interlaminar fracture toughness of glass-fibre/epoxy composites”, ICMME2008, Pollachi, December 18-20, 2008, International Conference Proceedings, pp 39-45.
7. Umachitra G, Sampath P.S, Jayakumari L.S. and Murugesan V, “Effect of post curing on drop weight impact behavior of epoxy glass fiber composite laminates” 3rd ITEC International textile conference, B.Komarapalayam, August 28-30, 2009.
8. Magibalan.S, SenthilKumar.M.S, Sampath P.S, and Kumaravel.A, “Fracture Toughness of Glass fiber/Nano modified Epoxy Composite Laminates” ICCIAMR 2014, International conference, Chennai, May 2014, pp 207.

9 More conferences.

(c) National Conference

My papers were presented more than 25 National Conferences.

WORKSHOP / FDP – ATTENDED

S. No.	Name of the Workshop / FDP	Duration		Organization
1.	Mould Design Appreciation for Plastics Processors”	21.01.02	24.01.02	CIPET, Chennai
2.	RE-ENGINEERING TEACHING SKILLS	09.05.05	11.05.05	CEG, Anna University, Chennai
3.	Total Quality Management	12.12.05	17.12.05	CEG, Anna University, Chennai
4.	Finite Element Analysis	23.02.07	03.03.07	CEG, Anna University, Chennai

5.	Finite Element Analysis	11.06.07	23.06.07	AU-FRG, CEG, Anna University, Chennai
6.	CAD/CAM using Unigraphics	12-11-07	11-12-07	CIPET, Chennai
7.	Advanced Materials: Concepts and Applications	29.12.08	10.01.09	NIT, Warangal
8.	Academic Auditors	27.01.09	28.01.09	Kumaraguru College of Technology, Coimbatore
9.	Industrial Automation and Embedded Systems	21.03.09	-	Sri Krishna College of Engineering and Technology
10.	Transactional Analysis	22.07.09	23.07.09	Sri Krishna College of Engineering and Technology
11.	Machine Vision Based Quality Control	22.06.10	23.06.10	K.S.Rangasamy College of Technology, Tiruchengode
12.	New Product Development	13.07.10	14.07.10	CII, Coimbatore
13.	Mission 10X	31.05.11	04.06.11	Wipro, , K.S.Rangasamy College of Technology
14.	Universal Tensile Strength Testing Machine for Industrial Textile Applications	31.05.13	-	PSG Tech, Coimbatore
15.	Role of NDT & Metallography in Failure Analysis	06.09.13	-	Dr.Mahalingam College of Engineering and Technology, Pollachi.
16.	Engineering Mechanics	26.11.13	06.12.13	ISTE, K.S.Rangasamy College of Technology
17.	Strength of Materials	11.06.14	19.06.14	Anna University Chennai
18.	Workshop on Intellectual Property Rights	06.08.16	-	K.S.Rangasamy College of Technology
19.	Advanced Techniques in Microstructural Characterization	29.05.17	02.06.17	QIP, IIT ROORKEE
20.	Rapid Casting Techniques	27.11.17	09.12.17	AICTE, Guru Nanak Institute of Technology
21.	Deliberations on AICTE Model	27.06.2018	-	CIT, Coimbatore

	Curriculum 2018			
22.	NBA Accreditation	22.04.2019	26.04.2019	National Institute of Technical Teachers Training And Research, Kolkata

GUEST LECTURES DELIVERED

S. No.	Name of the Program	Guest Lecture Title	Date	Organized by
1.	AICTE sponsored national seminar	Current Trends and Industrial Applications of Composite Materials	26.06.2009	K.S.Rangasamy College of Technology
2.	Anna University Chennai sponsored Faculty Development Programme	Manufacturing of Composite Material	11.12.2010	Madras Institute of Technology
3.	Anna University Chennai sponsored Faculty Development Programme	Testing of Composite Material	11.12.2010	Madras Institute of Technology
4.	ISTE sponsored student's chapter seminar	Application of Composites Materials in Mechanical and Civil Engineering	08.03.2011	K.S.Rangasamy College of Technology
5.	CSIR sponsored National seminar	Manufacturing and Testing of Composite Materials	11.04.2011	Erode Sengunthar Engineering College
6.	One day Seminar on composite Materials	Composite Mechanics and Structures	29.09.2011	S.S.M. Engineering College
7.	One day workshop on Materials	Manufacturing of Composite Materials	04.10.2011	Erode Sengunthar Engineering College
8.	One day workshop on Manufacturing Technology	Manufacturing Process of Composite Materials	13.01.2012	Sri Krishna College of Engineering and Technology
9.	One day workshop on Advanced Materials	Characterization of Composite Materials	27.02.2015	Sri Krishna College of Engineering and Technology
10.	FDP on Composite Materials	Natural Fiber Composite Materials	11.04.2015	Madras Institute of Technology
11.	One day Workshop on Biodegradable implants	Biodegradable Polymers: Materials, Processing and Applications	16.04.2015	Nandha Engineering College

12.	AICTE Sponsored FDP on composite Materials	Manufacturing of FRP Composite Materials	23.04.15	Dr.Mahalingam College of Engineering and Technology, Pollachi
13.	One day workshop on Composite Materials	Introduction to natural fiber composite Materials	11.08.2016	Sri Krishna College of Engineering and Technology
14.	AICTE Sponsored FDP	Bio and Nanocomposite Materials Manufacturing and Testing	28.10.2017	Sai Ram College of Engineering
15.	AICTE Sponsored Workshop on Composite Materials	Preparation of Composite Materials	22.09.2017	Kumaraguru College of Technology
16.	Bio Composite Materials	Bio composite Materials Manufacturing and Testing	12.10.2017	K.S.Rangasamy College of Technology
17.	ISTE Sponsored workshop on Composite Materials	Manufacturing and Testing of Composite Materials	20.01.2018	Knowledge Institute of Technology, Salem
18.	One day Seminar on composite Materials	Natural Fiber Composite Materials	24.02.2018	PPG Institute, Coimbatore.
19.	NCMR Sponsored Workshop	Cermet Composite for Medical Applications	02.06.2018	Vellalar College of Engg., Erode
20.	Anna University sponsored Faculty Development Programme	Natural Fiber Composite Materials	09.06.2018	Madras Institute of Technology
21.	Anna University sponsored Faculty Development Programme	Applications of Biocomposites in Automobile	10.06.2018	Madras Institute of Technology
22.	One day national seminar on aluminium and magnesium composite materials	Aluminium Composite Materials	13.03.2019	K.S.Rangasamy College of Technology
23.	International conference on Sustainable Materials	Sustainable Composite Materials	19.03.2019	K.S.R.Engineering College

SEMINARS/ WORKSHOPS / CONFERENCE etc.. ORGANISED

Sl. No.	Seminar / Workshop / STTP / SDP / FDP/ Conference	Topic / Title	Name of the funding agency and amount sanctioned	Period		Specify the Roll (Coordinator / Co-Coordinator / Member)
				From	To	
1	Work Shop	Moulding of Plastics and Rubber Products	Under TEQIP 2006	11.10.06	13.10.06	Coordinator
2	Work Shop	Materials, Processing and Testing of Plastics and Rubbers	Under TEQIP 2007	19.11.07	21.11.07	Coordinator
3	Work Shop	Nanotechnology and its Engineering Applications	SKCET	24.04.10		Coordinator
4	National Conference	Recent Advancements in Mechanical Engineering 2011	KSRCT	25.03.11		Coordinator
5	National Conference	Recent Advancements in Mechanical Engineering 2012	KSRCT	30.03.12		Coordinator
6	National Conference	Recent Advancements in Mechanical Engineering 2013	KSRCT	19.04.13		Coordinator
7	National Conference	Recent Advancements in Mechanical Engineering 2014	KSRCT	02.04.14		Coordinator
8	National Conference	Recent Advancements in Mechanical Engineering 2015	KSRCT	16.04.15		Coordinator
9	One day seminar	One day seminar on composite materials	KSRCT	11.09.15		Coordinator
10	One Day Workshop	Manufacturing and Testing of Composite Materials with NDT	KSRCT	26.02.16		Coordinator
11	One Day Workshop	Bio Composite Materials	KSRCT	12.10.17		Coordinator
12	One day Workshop	Current Trends in Aluminium and Magnesium Composite Materials	KSRCT	13.03.2019		Coordinator

RESPONSIBILITIES HELD:

Department NBA Coordinator

Department NAAC Coordinator

Department Programme Coordinator

Project Exhibition Coordinator

Conference Coordinator

SUBJECTS HANDLED:

- Dynamics of Machinery
- Kinematics of Machinery
- Manufacturing Technology-I
- Manufacturing Technology-II
- Thermodynamics
- Fluid Mechanics
- Total Quality Management
- Quality Control and Reliability Engineering
- Computer Integrated Manufacturing
- Principles of Management
- Plastics Processing and Testing
- Plastic Product design
- Composite Materials
- CAD/CAM
- Engineering Materials and Metallurgy
- Polymer Process Engineering
- Concepts of Engineering Design
- Metallic Materials and Manufacturing Process
- Strength of Materials
- Engineering Mechanics

PROFESSIONAL ASSOCIATIONS

Organization

1. ISTE
2. Indian Plastic Institute
3. Society for Failure Analysis

Membership Status

Life Member
Ordinary Member
Founder Life Member

9. Personal Details

Fathers Name : S. Subramani
Gender : Male
Marital Status : Married
Permanent Address : **94, Sun Garden Extension,**
Villarasampatti & PO,
Erode- 638107, Tamilnadu, India.