

Name

Dr. S. Jayabal

Designation

Professor and HOD
Department of Mechatronics Engineering

Qualification

M.E., Ph.D.

Joining Date

09.08.2001

Contact No

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Blood Group

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Address for Communication

9/1 S V Bhavan, Nadukkanthankudi Main Road, Kollapuram -609 608, Thiruvarur District

Course Taught

1. Computer Aided Design
2. Finite Element Analysis
3. Maintenance Engineering
4. Metrology and Measurements
5. Kinematics of Machinery
6. Dynamics of Machinery
7. Total Quality Management
8. Professional Ethics and Human Values
9. Principles of Management
10. Basic Mechanical Engineering
11. Rapid Prototyping
12. Mechanical Vibrations
13. Integrated Product and Process Development
14. Computer Applications in Design
15. Optimization in Design
16. Hydraulics and Pneumatics
17. Composite Materials and Mechanics
18. Production Planning and Control
19. Operations Research
20. Computer Aided Design and Manufacturing
21. Computer Aided Metrology and Inspection

Area of Specialization

Computer Aided Design, Artificial Intelligence, Composite Materials and Indoor Air Quality

EXPERIENCE**Teaching - 25 Years**

1. Government College of Engineering, Srirangam, Tiruchirappalli - **13.03.2026 to till date**
2. Government College of Engineering, Sengipatti, Thanjavur - 17.07.2018 to 12.03.2026
3. A.C Government College of Engineering and Technology, Karaikudi - 09.08.2001 to 16.07.2018
4. Government College of Engineering, Bargur, Krishnagiri District

Principal (FAC)

Government College of Engineering, Sengipatti, Thanjavur from 02.05.2023 to 02.01.2026

Research Experience - 15 Years

Publication in Journals: 103

Publication in Conferences:100

1. Balaji, N. S., Rajamuneeswaran, S., Bharath, B. R. M. R., Jayabal, S., & Roy Choudhury, M. (2025). Prediction of drilling characteristics of crab carapace-coir-polymer composites using artificial neural network. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, 09544062261422008.
2. Vinoth, V., Sathiyamurthy, S., Ananthi, N., & Jayabal, S. (2024). Mechanical characterization and study on morphological properties: Natural and agro waste utilization of reinforced polyester hybrid composites. *Proceedings of the Institution of Mechanical Engineers, Part C: Journal of Mechanical Engineering Science*, 238(19), 9577-9588.
3. Vinoth, V., Sathiyamurthy, S., Jayabal, S., Saravanakumar, S., & Prabhakaran, J. (2024). Assessment of mechanical and morphological characteristics in polymer matrix composites reinforced with paddy pulp and pineapple leaf fibres. *International Journal of Materials Engineering Innovation*, 15(4), 365-377.
4. Kumar, A.R., Jayabal, S., Kumar, M.P., Thirumal, P., A Qualitative Analysis of Indoor Air Quality Pollutants Inside a Private Car Cabin using Response Surface Methodology, Transactions of Famenathis link is disabled, 2022, 46(1), pp. 41-55
5. Prabhakaran, J., Jayabal, S., [Ramesh Kumar, A.](#), [Vinoth, V.](#), Air quality assessment in indoor and outdoor environments: A review, *Materials Today: Proceedings*, 2022, 66, pp. 1260-1266
6. S. Rajamuneeswaran , S. Jayabal, N. Nagaprasad , G. Veerappan, Leta Tesfaye Jule , and Ramaswamy Krishnaraj , Artificial Neural Network Modeling of Abrasion Loss and Surface Roughness of Crab Carapace Impregnated Coir Vinyl Ester Composites, *Hindawi Advances in Materials Science and Engineering Volume 2022*, <https://doi.org/10.1155/2022/2158210>
7. Vijayanand, M., R. Varahamoorthi, P. Kumaradhas, and S. Jayabal. "Process Modeling and Intuitive Search Based Optimization of Average Surface Roughness in Citrate Stabilized Electroless Nickel-Boron Coatings." *JOM* (2022): 1-11.
8. [Ramesh Kumar, A.](#), [Jayabal, S.](#), [Ramkumar, P.](#), [Prabhakaran, J.](#) Exposure to particulate matter in different private commuting modes in Salem, India, *IOP Conference Series: Materials Science and Engineering*, 2021, 1059(1), 012014
9. Krishna, V. Naveen, M. Elango, T. Krishnan, and S. Jayabal. "Tensile, Flexural and Impact Properties of Hybrid Sunnhemp-Flax Fiber Based Thermosetting Composites." *Journal of Natural Fibers* (2021): 1-9.
10. [Varun Siddharth, J.](#), [Daniel Lawrence, I.](#), [Jayabal, S.](#), Mechanical Behavior of Raavi and Pineapple Fiber-reinforced Hybrid Polyester Composites, *Lecture Notes in Mechanical Engineering*, 2021, pp. 227-238
11. [Ramesh, G.](#), [Subramanian, K.](#), [Sathiyamurthy, S.](#), [Jayabal, S.](#) Study on influence of fiber length and fiber weight proportion in mechanical behavior of Calotropis gigantea fiber-epoxy composites, *Polymer Composites*, 2020, 41(11), pp. 4899-4906
12. [Rajamuneeswaran, S.](#), [Vairamuthu, J.](#), [Nagarajan, S.](#), [Stalin, B.](#), [Jayabal, S.](#) A comparative study on mechanical properties of coir fiber reinforced polymer composites filled with calcium carbonate particles, *Materials Today: Proceedings*, 2020, 33, pp. 4790-4792
13. [Balaji, N.S.](#), [Chockalingam, S.](#), [Ashokraj, S.](#), [Simson, D.](#), [Jayabal, S.](#) Study of mechanical and thermal behaviours of zeo-coir hybrid polyester composites, *Materials Today: Proceedings*, 2019, 27, pp. 2048-2051

14. .Ramadoss, K., Elansezhian, R., Jayabal, S. Optimization of controlling factors on tool wear when coolant mixed with additives on turning of mg-y alloy, [International Journal of Engineering and Advanced Technology](#) 2018, 7(6), pp. 21–25
15. Krishnan T, Jayabal S, and Krishna VN, Tensile, flexural, impact, and hardness properties of alkaline-treated Sunnhemp fiber reinforced polyester composites, *Journal of Natural Fibers*, 2018 - Taylor & Francis,: 1-11.
16. Daniel Lawrence, I., Jayabal S and Thirumal P, Indoor air quality investigations in hospital patient room, [International Journal of Biomedical Engineering and Technology](#), vol. 27, no.1/2, pp.124-138
17. Sankar, B. V., Lawrence, I. D., & Jayabal, S. (2018). Experimental Study and Analysis of Weld Parameters by GRA on MIG Welding. *Materials Today: Proceedings*, 5(6), 14309-14316.
18. S. Ananthakumar, S. Jayabal & P. Thirumal, Investigation on performance, emission and combustion characteristics of variable, compression engine fuelled with diesel, waste plastics oil blends, *Journal of the Brazilian Society of Mechanical Sciences and Engineering* volume 39, issue 1, pp. 19-28, 2017.
19. Prithvirajan and S. Jayabal, Hybrid Bio Composites From Agricultural Residues: Mechanical, Water Absorption and Tribological Behaviors", *Journal of Polymer Engineering (JPOLYENG)*, Accepted for publication volume 36, issue 7, pp. 663-671, 2016.
20. G. Bharathiraja, S. Jayabal and S. Kalyanasundaram, Gradient based Intuitive search intelligence for the optimization of Mechanical behaviors in hybrid bio particles impregnated coir-polyester composites, *Journal of Vinyl and Additive Technology*, Accepted for publication Doi:10.1002/vnl.21511, 2015.
21. I. Daniellawrence, S. Jayabal, P. Thirumal, D. Madhanraj, Experimental Investigation And Optimization Of Comfort Indoor Air Quality In Commercial Bedrooms, *International Journal of Applied Engineering Research*, Accepted For Publication, Vol. 10, No. 57 (2015), pp. 394-400.
22. I. Daniellawrence, G. Kaviprakash, C. Rameshkannan, S. Jayabal Experimental Investigation And Optimization Of Machining Parameters On AISI 449 And EN 19 In Turning Using GRA and RSM, *International Journal of Applied Engineering Research*, Vol. 10, No. 57 (2015), pp. 205-211.
23. S. Rajamuneeswaran, S. Jayabal, A. Elango, S. Kalyana Sundaram and N. S. Balaji Study On Impact Behaviour Of Chitosan Particle Impregnated Coir Fiber Reinforced Polyester Composites, *International Journal of Applied Engineering Research*, Vol. 10, No. 57 (2015), pp. 412-416.
24. I. Ganeshraja, I. Daniel Lawrence, S. Jayabal, B. Rajmohan, Prediction of mechanical characteristics on aluminium based reinforcement with SiC and TiO₂, *International Journal of Applied Engineering Research*, Vol. 10, No. 51 (2015), pp. 654-657.
25. I. Daniel Lawrence, S. Jayabal, P. Thirumal, and K P S Peer Mohamed Sait, [Experimental Investigation and Optimization of Comfort Indoor Air Quality in Theatre Hall](#), *International Journal of Applied Engineering Research* Vol. 10, No. 51 (2015), pp. 4081-4086
26. I. Daniel Lawrence, S. Jayabal and G. Selvakumar, [Particle Concentrations and Effectiveness of Natural Fibre Air Filter in Split Air Conditioner System](#), *International Journal of Applied Engineering Research* Vol. 10, No. 51 (2015), pp. 4087-4092.
27. S. Kalyana Sundaram, S. Jayabal, K. Nijandhan Influence Of Fiber Pretreatment On The Mechanical Properties Of Dharbai Fiber Reinforced Polyester composites, *Cellulose Chemistry and Technology*, Accepted For Publication volume 49, issue 1, pp. 61-64, 2015.
28. G. Bharathiraja, S. Jayabal, and S. Sathiyamurthy, Mechanical Behaviors of Rice Husk and Red Mud Hybrid Bio Particulated Coir-Polyester Composites, *International Journal of ChemTech Research*, Vol. 6, No. 6, pp 3318-3320, Aug-Sep 2014
29. Thirumal P, Amirthagadeswaran K Sand Jayabal S, Optimization of IAQ characteristics of an air-conditioned car using GRA and RSM, *Journal of Mechanical Science and Technology*, volume 28 (5) 1899~1907, 2014.
30. S. Kalyan Sundaram and S. Jayabal, The Effect of Fiber Treatment on the Mechanical Properties of Christmas Palm Fiber-Polyester Composites, [Applied Mechanics and Materials](#), 467, pp. 208-214, 2014
31. R Ramprasath, S Jayabal S Sathiyamurthy and R. Prithvirajan, Statistical Analysis and Fractography Study of Tensile Behaviour in Bio Particulated Coir-Vinyl Ester Composites, *Advanced Materials Research*, vol. 984, pp. 214-220. 2014.

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33. S.Rajamuneeswaran, S.Jayabal, N.S.Balaji and A.Karthikeyan, [Crab carapace particles filled coir reinforced polyester composites; Impact strength and Fractography study](#), *International Journal of ChemTech Research*, Vol.6, No.3, pp 1898-1900,2014.
34. Thirumal P, Amirthagadeswaran K Sand Jayabal S ,Optimization Of Indoor Air Quality Characteristics In An Air Conditioned Car Using Multi Objective Genetic Algorithm, , [Arabian Journal for Science and Engineering](#), November Volume 39, **Issue 11**, pp 8307-8317,2014,.
35. G.Bharathiraja,S.Jayabal,S.KalyanaSundaram,S.Rajamuneeswaran,B.H. Manjunath, Mechanical Behaviors Of Rice Husk And Boiled Egg Shell Particles Impregnated Coir-Polyester Composites, *Macromolecular Symposia*, Accepted For Publication Doi: 10.1002/masy, 201400245.
36. NS Balaji and S Jayabal, Artificial Neural Network modelling of Mechanical behaviours of Zea fiber-Polyester Composites *Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering*.2014 Doi: 10.1177/0954408914539939, 0 (0) 1-11.
37. R.Ramprasath, S.Jayabal, Particle Swarm and Simulated Annealing based Intuitive Search Optimization of Flexural Behaviors in bio Particles Impregnated Coir Fiber – Vinyl Ester Composites, *Polymer Composites*, 2014,Doi: 10.1002/pc.23349.
38. Thirumal P, Amirthagadeswaran K S, Jayabal S, Fuzzy Rule Based Prediction of IAQ Characteristics In Air conditioned Car, **Iranian Journal Of Science & Technology, Transactions Of Mechanical Engineering**, Accepted For Publication volume 28, issue 5, pp. 1899-1907, 2014.
39. S.Rajamuneeswaran and S.Jayabal, A Lexicographic Multiobjective Genetic Algorithm for Optimization of Mechanical Properties of Crab Carapace Impregnated Coir -Polyester Composites, *Polymer Composites*, 2014,Doi: 10.1002/pc.23242 volume 37, issue 3, pp. 844-853
40. S KalyanaSundaram and S Jayabal Regression modeling and particle swarm optimization of mechanical properties of potassium hydroxide pretreated Dharbai fiber-reinforced polyester composites *ProclMechE Part L:J Materials: Design and Applications*, 2014, DOI: 10.1177/1464420714547551, 0 (0) 1-11.
41. S.KalyanaSundaram and S.Jayabal, Mechanical Properties of Potassium Hydroxide Pre-Treated Christmas Palm Fiber Reinforced Polyester Composites: Characterization study, Modeling and Optimization, *Journal of Polymer Engineering (JPOLYENG)*, volume 34, issue 9, pp. 839-849 (2014).
42. 39.S.Velumani, P.Navaneetha Krishnan, S.Jayabal, Mathematical modeling and optimization of mechanical properties of short coir fiber-reinforcement vinyl ester composite using Genetic Algorithm method, *Mechanics of Advanced Materials and Structures*, **Volume 21, Issue 7**, pp.559-565, 2014.
43. S.Velumani, P.Navaneetha Krishnan, S.Jayabal and R.Ramprasath, Regression modeling and optimization of cutting parameters through Nelder mead simplex search and CCFD during drilling of Sisal-Glass/Vinyl ester composites, *International Journal of Machining and Machinability of Materials*.vol. 14 No. 1, pp. 1-23, 2013.
44. K.Ramesh, T.Alwarsamy and S.Jayabal, Prediction of Cutting Process Parameters in boring operations using Artificial Neural Network, *Journal of Vibration and control*, Online on July 24,2013. Doi: 1077546313495253, volume 21, issue 6, pp. 1043-1054.
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46. Ramesh, K., Alwarsamy, T. and Jayabal, S. “Investigation of chatter stability in boring tool and tool wear prediction using neural network”, *International Journal of Machining and Machinability of Materials*. vol. 46 No. 1, pp. 47-70, 2013.
47. S.Jayabal, S.Velumani, P.Navaneetha Krishnan and K.Palanikumar, Mechanical and Machinability Behaviors of Woven Coir Fiber-Reinforced Polyester Composite, *Fibers and Polymers*. vol. 14 No. 9, pp. 1505-1514, 2012,
48. Sathiyamurthy, S., Syed Abu Thaheer, A. and Jayabal, S, Mechanical behaviors of calcium carbonate impregnated short coir fiber-reinforced polyester composites, *Proceedings of the Institution of Mechanical Engineers, Part L: Journal of Materials Design and Applications*, SAGE Publications, vol. 226 No. 1,pp. 52-60,2012.

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53. Jayabal, S. and Natarajan, U. "Optimization of thrust force, torque, and tool wear in drilling of coir fiber reinforced composites using Nelder- mead and genetic algorithm methods", International Journal of Advanced Manufacturing Technology, Vol. 51, pp. 371-381, 2010.
54. S.KalyanaSundaram, S.Jayabal, N.S.Balaji and G.Bharathiraja, Study of chemical and mechanical properties of Dharbai fiber reinforced polyester composites, Advanced Composite Materials, Accepted for Publication.
55. R.Ramprasath, S.Jayabaland S.Satiyamurthy, Mechanical Behaviors Of Boiled Egg Shell Particulated Coir-Vinyl Ester Composites, Applied Polymer Composite, Accepted For Publication.
56. N.S.BalajiS.Jayabal and S.KalayanaSundaram, Study on Mechanical Properties of Corn-Cellulose Fibers Reinforced Polyester Composites, Macromolecular Symposia, Accepted For Publication
57. R.Ramprasath, S.Jayabal, S.KalyanaSundaram, G.Bharathiraja, Yashwant S. Munde, Investigation On Impact Behavior Of Rice Husk Impregnated Coirvinyl Ester Composites, Macromolecular Symposia, Accepted For Publication
58. R. Prithivirajan, S. Jayabal, G. Bharathiraja, Bio-Based Composites From Waste Agricultural Residues: Mechanical and Morphological Properties, Cellulose Chemistry and Technology, Accepted For Publication.
59. S. Rajamuneeswaran, S. Jayabal, S. KalyanaSundaram, N.S. Balaji, P. Ramkumar, Effect of Chitosan particle addition on the tensile and flexural strength of Coir fiber reinforced Polyester Composites, Applied Mechanics and Materials, Vol. Vol. 813 -814, pp. 30-33.
60. R.Hemachandran, M.Pugazhvadivuand S.Jayabal, Development of Electroless Ni-P Coatings on Sisal Fiber, Fibers and Textiles in Eastern Europe.
61. Roseline, S., Paramasivam, V., Jayabal, S. Evaluation of structure and mechanical properties of zirconia reinforced aluminium matrix composites, Journal of Computational and Theoretical Nanoscience, volume 15(3), pp. 830-838, 2018.
62. Krishnan T, Jayabal S, Naveen Krishna V and Senthilsivam N, Compressive, Wear and Water Absorption Behaviours of Sunnhemp-Polyester Composites, Journal of Manufacturing Engineering, September 2018, Vol. 13, Issue. 3, Pp 130-135
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75. [R. Ramprasath](#), [S. Jayabal](#) and S.Sathiyamurthy, Optimization of mechanical behaviors of red mud particulated coir-vinyl ester composites using Intuitive analysis based on Response Surface Methodology and Simulated Annealing , [Transactions of the Indian Institute of Metals](#), Vol.67(6),pp. 971-977,2014.
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101. N. S. Balaji,S. Jayabal,S. KalyanaSundaram, A Neural Network Based Prediction Modeling for Machinability Characteristics of ZeaFiber-Polyester Composites, *Transactions of the Indian Institute of Metals*,Accepted for Publication.
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Books/Monographs

Books - 2

1. Metrology and Measurements
2. Unconventional Machining Processes

FDPs/Seminars Organized

1. International conference on "Smart design and Sustainable Manufacturing"
2. National Conference CADAM 2016
3. FDP on "Modeling and Simulation for engineering Applications"
4. STTP on " Training on Unigraphics NX 3.0"
5. TEQIP sponsored STTP on "Advanced Manufacturing Techniques"
6. STTP on " Training on Manufacturing Techniques"
7. AICTE-QIP sponsored FDP on " Application of finite element analysis"
8. Anna University - Centre for Faculty Development sponsored FDTP on "ME6603 Finite Element Analysis"
9. Anna University - Centre for Faculty Development sponsored FDTP on "ME8501 Metrology and Measurements".
10. ATAL-sponsored FDP on "Energy Engineering"
11. Tamil Nadu State Government sponsored five days online FDP - Artificial Intelligence - Applications by Faculty Training Center, Government College of Technology, Coimbatore, and Department of Electronic and Communication Engineering, Government College of Engineering, Sengipatti, Thanjavur.
12. Six Days - AICTE Training And Learning(ATAL) sponsored Faculty Development Programme (FDP) on "Opportunities in Hybrid Manufacturing Technologies"
13. Two Days workshop on Pro simulator software for Mechanical Engineering students by SIM Infosystem
14. Center for Faculty and Professional Development, Anna University sponsored six days physical mode Faculty Empowerment Programme (FEP) on "CME336 Hybrid and Electric Vehicle Technology"
15. One week FDP on optimization techniques for Engineering applications was organized by the Department of Mechanical Engineering at Faculty Training Centre, GCT, Coimbatore during 27.10.2025 to 31.10.2025.

Attended

1. Staff Development Programme on "Nano materials - Synthesis, Characterization and Engineering Applications"
2. AICTE Sponsored two weeks Staff Development Programme on "Advances in Research and development of Autonomous Robots"
3. AICTE Sponsored two weeks Staff Development Programme on "New Research tool for Evolutionary Robotics"
4. FDP on "Teaching and Learning Communication Skills and Soft Skills"
5. FDP on "Modeling and Simulation for engineering Applications"
6. FDP on "Research Methodology and Optimization Techniques"
7. FDP on " Futuristic Autonomous Intelligent Robots"
8. One day workshop on "Preparing Project Proposal for Funding"
9. Workshop on "Engineering Optimization : Theory and Practice"
10. Short course on "FRP Composites: Overview, Characterization, Analysis, Design and Applications"
11. Faculty development Programme on "Entrepreneurship"
12. AICTE Sponsored Faculty development Programme on "Drives and Control"
13. STC On " Recent Advances In Composite Materials And Machining"
14. FDP on "Management of Quality Circles for Effectiveness of Educational Institutions"
15. 2 days course on Non linear Analysis of Composite Materials using LS-DYNA software
16. One day Seminar on " High Energy Micro Machining and Surface Processing"
17. FDP on "Future trends in Green Energy"
18. FDP on " Pedagogy, Accreditation, Research and Entrepreneurship"

19. Staff Development programme on "Image Processing in Engineering Applications"
20. Staff Development Programme on "New trends in Nano Science and Technology"
21. FD & TP on ANSYS
22. STTP on "Training on Pro/E Wildfire 3.0"
23. STTP on "Concepts of Composite Materials"
24. Workshop on "Emerging Trends in ERP & SCM Practices"
25. STTP on "Plastic Wire Knitting for Furniture"
26. STTP on "Training On Moulding & Casting Practices"
27. STTP on "Training on Manufacturing Techniques"
28. STTP on "Gas Welding and Gas Cutting Practice"
29. TEQIP sponsored STTP on "Advanced Manufacturing Techniques"
30. TEQIP sponsored "Training on Co-ordinate Measuring Machine"
31. STTP on "Training on Unigraphics NX 3.0", ACCET, Karaikudi
32. Workshop on Surface Engineering
33. Staff Development Programme on "Artificial Intelligence Applications in Manufacturing
34. AICTE- ISTE Short term training programme on "Safety and Environment Management Emerging Trends "
35. AICTE- ISTE Short term training programme on "Modeling and Optimization of Manufacturing System using Conventional and Non-conventional techniques"
36. Anna University Center for Faculty Development programme on "Optimization of Engineering design"
37. Short term training programme on "Soft Computing Techniques for Engineering applications"
38. ICT academy sponsored FDP on "Product Design Engineering using Autodesk Fusion 360"
39. Industrial training on "Mechanical Engineering applications in Sugar Industry"
40. Administrative training for Principals of Engineering Colleges @ Anna Administrative Staff College

Research Scholars

SL.NO	DEGREE	REG. NO.	NAME	TITLE OF THE THESIS	VIVA DATE
1	Ph.D.	1315279201	Kalyana Sundaram S	STUDIES ON THE MECHANICAL PROPERTIES OF DHARBAL-POLYESTER AND CHRISTMAS PALM-POLYESTER COMPOSITES	30.12.2015
2	Ph.D.	1313279268	Rajamuneeswaran S	MECHANICAL AND MACHINABILITY BEHAVIOURS OF NATURAL CALCIUM PARTICLES IMPREGNATED COIR - POLYESTER COMPOSITES	22.06.2016
3	Ph.D.	1314279180	Balaji N S	EVALUATION AND PREDICTION OF MECHANICAL AND MACHINABILITY BEHAVIORS OF ZEA - POLYESTER COMPOSITES	27.10.2016
4	Ph.D.	1315279115	Ramprasath R	INFLUENCE OF PARTICLES ADDITION ON MECHANICAL BEHAVIOURS OF COIR-VINYL ESTER COMPOSITES	27.01.2017
5	Ph.D.	1314279811	Prithivirajan R	STUDIES ON MECHANICAL, TRIBOLOGICAL AND MACHINABILITY BEHAVIOURS OF AGRO-RESIDUES FILLED EPOXY COMPOSITES	03.03.2017
6	Ph.D.	1314279727	BHARATHI RAJA G	STUDIES ON MECHANICAL PROPERTIES OF HYBRID PARTICLES IMPREGNATED COIR-POLYESTER COMPOSITES	11.05.2017
7	Ph.D.	1514279115	Daniel Lawrence I	DESIGN OF INDOOR AIR QUALITY CHARACTERISTICS FOR ERGONOMICALLY LIVING SPACE	11.03.2019
8	Ph.D.	1412279160	Ananthakumar S	INVESTIGATION ON PERFORMANCE AND EMISSION CHARACTERISTICS OF	28.02.2020

SL.NO	DEGREE	REG. NO.	NAME	TITLE OF THE THESIS	VIVA DATE
				VARIABLE COMPRESSION ENGINE FUELLED WITH RUBBER SEED OIL AND WASTE PLASTIC OIL BLENDS	
9	Ph.D.	1514279715	Ramesh Kumar A	STUDY OF COMMUTER PERSONAL EXPOSURE CONCENTRATIONS IN VARIOUS MODES OF ROAD TRANSPORTATION	13.07.2022
10	Ph.D.	1515279141	Krishnan T	STUDY ON MECHANICAL PROPERTIES AND MORPHOLOGICAL ANALYSIS OF POLYESTER COMPOSITES REINFORCED WITH SUNNHEMP FIBERS	06.09.2022
11	Ph.D.	20132591103	Prabhakaran J	EXPERIMENTAL STUDY AND NUMERICAL MODELLING OF IN-VEHICLE AIR POLLUTANTS IN AN AIR-CONDITIONED CAR	07.12.2023

Invited Lectures: **50**

Topics : **Composite materials, Natural fiber composites, Optimization, Neural Network Techniques, Response Surface Methodology, Indoor air Quality, Government schemes**

IPRs: Patents : An advanced Indoor Air Quality Monitoring Network System published on 26.03.2021 & Advanced Ergonomic Air Conditioning System published on 31.10.2020

Awards/ Special Achievements

Academic Brilliance Awards 2015
 Excellence in Research in 2015,
 Best Teacher Award 2018
 Faculty Achiever – Technical Education : Ulagam Ungal Kayil 2026

ORCID ID : <https://orcid.org/0000-0002-5598-5623>

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 Citations : 2088

University Services

Question Setter, Doctoral Committee member, Subject Expert and Indian Examiner, Flying Squad member, Affiliation Team member, Chairman, Board of Studies and State Government Nominee for Governing Council, Academic Council member.