Curriculum Vitae

Dr. T G Loganathan

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Research Accomplishments:

PhD Guidance	Indian Patents	Book Chapters	Journal Publications
Completed: 01	Granted : 04	Elsevier: 03	WoS Journals: 29
Ongoing : 03	Published: 02	Submitted:01	Scopus : 09
	Filed : 01		Peer Reviewed:02

PROFILE

- Highly self-motivated PhD, PDRA candidate with proven research expertise in FE, Experimental, NDT (CT, AE, DMA, SEM, UTS) of materials, Fatigue and Creep analysis of composite materials.
- Strong project-based experience in Lightweight functional materials, Advanced sustainable manufacturing systems – Additive Manufacturing, Product Life cycle Management – IoT, Finite Element Analysis (CAE), Design of Machine Elements, Process Planning and Cost Estimation, Metrology, Strength of Materials, Composite behaviour and High-volume Product Development.
- ICT Skill Set: Product Life Cycle Assessment, ANSYS 14.2, Creo 2.0, Solid Works, Windchill 10.2, Lab View, MATLAB, Excel, Origin and Minitab.
- Worked as **Post–Doctoral Research Associate** in the **CALMERIC Team** at the **University of Wolverhampton, UK.**

EDUCATION

Anna University, Tamil Nadu, India

Ph.D. Mechanical Engg – Composite Materials – 2017

M.E. Computer-Aided Design, 2008 (CGPA 8.53 with Distinction)

Bharathiyar University, Tamil Nadu, India

B.E. Mechanical Engineering, 1998 (First Class with CGPA 7.75)

EXPERIENCE: Research and Knowledge Dissemination

❖ **Guru Ghasidas Vishwavidyalaya (Central University), Bilaspur (C.G) – 495001.**

Associate Professor – Department of Mechanical Engineering: Aug 2023 – Till Date.

Work Responsibilities:

M.Tech & Consultancy Coordinator, NAAC - In charge and NBA – Coordinator.

❖ **University of Wolverhampton, UK**

Post-Doctoral Research Associate – **Worked in European Regional Development Funded Projects**

CALMERIC Team: Nov 2020 – Aug 2021

Work Responsibilities:

Research and consultancy in the composite materials, material testing and characterization liaising with SMEs, mentoring research projects of SMEs, dissemination of research findings to the peer and SMEs, resource and time management for project execution, mentoring fellow researchers, article publication, assisting academic leads in research and writing funding proposals.

- **RMK College of Engineering and Tech., Tamil Nadu, India.**

Associate Professor : Sep 2008 – Oct 2020, Sep 2021 – Nov 2021.
Research Professor : Dec 2021 – Aug 2023.

Work Responsibilities:

Course Module Preparation, Project supervision, Patent filing, New Product development, collaborative research, proposal writing, knowledge transfer, mentoring students' progress, Institute Accreditation, Industry and Academic Consultancy services, Implementation of ISO and OBE, and administering the team progress.

- **Magna College of Engineering, Tamil Nadu, India.**

Senior Lecturer: 1999- 2008.

Work Responsibilities:

Establishing Labs, Mentoring team progress, establishing evaluation methods, knowledge dissemination, negotiating product purchases, Equipment Maintenance, appraising fellow members and assisting the institution administrative work.

CERTIFICATIONS:

- Product Life Cycle Management – PTC – Windchill PDM
- FANUC – CNC Coding – Computer-Aided Manufacturing
- ISO Quality Audit
- 3D Designing – Creo Software
- Fire and Industrial Safety

Professional Work Experience:

- Knowledge dissemination to UG, PG and PhD students and unbiased evaluation of students' performance
- Conducting and Supporting Research, Industrial Consultancy.
- New Product Development and Patent filing.
- Synthesis of Newer Materials for specific applications.
- Establishment of Lab, ISO documentation, and Lab Training.
- Resource management and material procurement.
- Mentoring students' projects and knowledge dissemination,
- Supporting academic research activities of fellow faculty members

Technical Expertise:

- Numerical simulation & characteristic studies of composite materials.
- Material testing – Acoustic Emission and X-ray Tomography Flexural, Impact, Fatigue,
- Thermography, Ultrasonic Testing,
- Oven and Autoclave curing of Composite Materials.
- Statistical Analysis – DoE, RSM, CCD, BBD.
- High-Temperature Tensile Testing.
- Fatigue testing of metallic and Non- metallic materials.
- Thermal and physical durability of composite materials.

- ❖ Additive manufacturing of metals: Cu, CuW, Ti64.

RESEARCH EXPERIENCE

- ❖ **Ph.D Anna University, Tamil Nadu, India**

Title: INFLUENCE OF RESIN RICH LAYER ON FLEXURAL, DAMPING, AND INTRINSIC RESPONSE OF GFRP COMPOSITES

Objective: To Study the flexural performance of GFRP on exposure to **cyclic load** – Automobile leaf spring application.

Description:

The study is concerned with the experimental evaluation of flexural modulus and damping of cyclic loaded glass fibre-reinforced epoxy composite laminate with varied fibre volume fraction and resin-rich layer. Both macro (mechanical) and micro (AE, SEM, TG) investigations have been performed to monitor the influence of fibre orientation, lay-up sequence, energy transfer and load rating on flexural modulus and damping of GFRP laminate in static and dynamic loading. The presence of a resin-rich layer acted as an energy-dissipating zone and exhibited flexural modulus variations.

- ❖ **Post-Doctoral Research Associate – CALMERIC – University of Wolverhampton, UK**

Worked as PDRA in the European Regional Development Funded (ERDF) project on **C**omposite and **A**dditive **L**ayer **M**anufacturing **I**nnovation **C**entre (CALMERIC) and worked on the following commercial projects for the respective Organizations and Universities.

1. Fatigue analysis of Hybrid Composite springs (C-G-C) for vibrating conveyor application – ***Heathcoat Industrial Plastics. UK.***
2. Mechanical and heat treatment analysis of LBPF Cu-W builds – ***AM of Functional Materials Group, University of Wolverhampton, UK.***
3. Investigation on structural intactness of autoclave / oven cured composite prepreg by Ultrasonic Test – NDT approach.- – ***AM of Functional Materials Group, University of Wolverhampton, UK.***
4. Development and testing of MgO- Expanded Polystyrene sandwich panel for building construction in UK. – ***Matrix Structures, UK.***
5. Synthesis and evaluation of light transmittance and yellowness index of thermoplastic composites for structural transparent roof panel. – ***Filon Products, UK.***
6. Heat treatment and microstructural analysis of Aluminium alloy for developing impact damage resistant and lightweight tripod head- ***GlobeStock Ltd, UK***
7. High-temperature experimental evaluation of Oven and Autoclave cured enriched basalt – polysiloxane matric composite for Li-ion battery enclosure application – ***Innovate UK Project Team.***
8. Comparison of Structural and thermal performance of CFRP and Al alloy for Electric vehicle battery enclosure – ***Metal Malarkey, UK.***
9. Design of a limb holder and fabrication by Compression moulding – an operation theatre stretcher add-on - ***HDMI Ltd, UK.***

RESEARCH ACCOMPLISHMENTS

1. **Publications**:

A. Journal Articles

1. Senthil Kumar. J, **Loganathan T G**, Venkatachalam G, SakthiVel TG, 'Wear performance of heat-treated AA6061- SiC- Gr hybrid metal matrix composites', Physica Scripta, (I.F: 2.8), https://doi.org/10.1088/1402-4896/adca6f, Published online (2025).

2. Shenbaga Velu Pitchumani, Ajay Manivasakan Perianayaghi, Bindu Srinivasan Bharathi, Venkatachalam Gopalan, Aravindh Sampath, **Loganathan T G**, 'Comparison studies on acoustic behaviour of natural fibre-reinforced polymer matrix composites', Proceedings of the Institution of Mechanical Engineers, Part E: Journal of Process Mechanical Engineering, Accepted for Publication. (IF: 2.3). doi:10.1177/09544089241282482, Published online: 2024
3. K. Vinoth Kumar, **T.G. Loganathan**, R.S. Chidhamparam and S. Jones**, '**Design and Fabrication of a Foldable Two-Wheeler Motorbike**',** International Journal of Vehicle Structures & Systems, 2024, 16(4), 1-7.
4. **Loganathan T G**, Vinoth Kumar K, Balasubramanian M, Venkatachalam Gopalan, Shukur Bin Abu Hasan, Balaji Krishnabharathi, 'Ensuring the potential of Caryota Urens fruit stem fibre as biodegradable reinforcement for polymer composite structural applications', Biomass Conversion and Biorefinery, Published online, 2024, https://doi.org/10.1007/s13399-024-06111-1. (I.F: 3.5).
5. Ganesh Ram, T. V. Arjunan, Vinoth Kumar K, **T. G. Loganathan**, Indran Suyambulingam, Suchart Siengchin, 'Nelumbo nucifera biomass waste-based biofiller: a comprehensive characterization for utilization as biodegradable fillers', Biomass Conversion and Biorefinery, Published online, 2024, https://doi.org/10.1007/s13399-024-06099-8.(I.F:3.5).
6. Ganesh Ram, T V Arjunan, K Vinothkumar, **T G Loganathan**, 'Intrinsic Response of surface modified Calotropis Gigantea Fiber and Nelumbo nucifera filler hybrid composite', Waste and Biomass Valorization, Published online, 2024, https://doi.org/10.1007/s12649-024-02687-x (I.F:2.6).
7. Shenbaga Velu Pitchumani, Vimalanand Suthenthiraveerappa, Venkatachalam Gopalan, **T G Loganathan**, Kulasekaran Narasingamurthi and Aravindh Sampath 'Mechanical and vibration characteristics of hybrid natural fibre-reinforced composite using Taguchi grey relational analysis', Eng. Res. Express, Vol 6, 2024. (IF:1.5)
8. G. Venkatachalam, D. Jeevalknat, M. Sanjog, **T. G. Loganathan**, P. Vignesh, and S. Aravindh, 'Impact strength of coir fiber/boron nitride/fly ash fortified epoxy composite', Mechanics of Composite Materials, Vol. 60, No. 2, May, 2024. (IF: 1.5).
9. PuiSan Khoo, Shukur AbuHassan, R.A. Ilyas Uday M. Basheer Al-naib, Quanjin Ma, K.E. Reby Roy, M. Mubarak Ali and **T.G. Loganathan**, 'Finite element analysis on compressive behaviour of tin slag polymer concrete with fibre reinforced polymer composites confinement', ***Materials Today Proceedings***, 2023, https://doi.org/10.1016/j.matpr.2023.05.081.
10. Venkatachalam Gopalan, Vimalanand Suthenthiraveerappa, **Loganathan Thozhuvur Govindaraman**, Srinath Senthilvelan, Chandrasekkaran Vijiyashree Ramu, 'Prediction of Virtual Fatigue parameters of Fly ash, Boron Nitride and Sugarcane Fibre-reinforced Epoxy Composite', ***Composites: Mechanics, Computations, Applications: An International Journal***. 2023, Vol .14(4), PP: 31-48. DOI: 10.1615/CompMechComputApplIntJ.2023044538. (IF :03)
11. Lokesh Kumar P J, Sevvel P and **T G Loganathan**, 'Impact of tool rotational speed on the microstructural transitions and tensile properties of the dissimilar AZ80A-Mg – AA6061-Al joints fabricated by friction stir welding', ***Practical Metallography***, 2023, Published online, https:doi/10.1515/pm-2022-1029
12. Lokesh Kumar P J, Sevvel P, **T G Loganathan** and Prakash, 'Investigation on the distribution and role of intermetallic aggregates in influencing the mechanical strength of the friction stir welded AZ91C Mg – AA6061 Al alloy joints', ***Materials Research Express***, 2023, Published online, https://iopscience.iop.org/article/10.1088/2053-1591/acbbbb.
13. Pui San Khoo, Shukur Abu Hassan, R.A. Ilyas, Quanjin Ma, K.E. Reby Roy, M. Mubarak Ali, **T.G. Loganathan**, Rizky Tirta Adhiguna, 'Compressive behaviour of tin slag polymer concrete confined with glass fibre reinforced epoxy under various loading speeds', **Materials Today: Proceedings,** Published online,2023. https://doi.org/10.1016/j.matpr.2023.04.141
14. Pui San Khoo, Shukur Abu Hassan, R.A. Ilyas, **T.G. Loganathan**, Rizky Tirta Adhiguna, K.E. Reby Roy and M. Mubarak Ali, 'Tensile properties of ramie fibre: Effect of harvesting day and extraction method', **Materials Today: Proceedings**, Published online,2023, https://doi.org/10.1016/j.matpr.2023.04.247
15. Gopalan Venkatachalam, Velivela Hemanth, Molanganuru logesh Arora Piyush, Mahalingam Sivakumar, Vignesh pragasam, **Thozhuvur Govindaraman Loganathan**, 'Investigation of Tensile Behaviour of Carbon Nanotube/Coir Fiber/Fly Ash Reinforced Epoxy Polymer Matrix

Composite, ***Journal of Natural Fibre***, 2023, VOL. 20, NO. 1, 2148151, https://doi.org/10.1080/15440478.2022.2148151.

16. **Loganathan T G**, Vinoth Kumar, Klaudio Bari, Hemadri Chadalavala, Venkatachalam G, 'Structural integrity evaluation of cyclic loading GFRP composite by Acoustic Emission and Heat Transfer', (2022) ***Journal of Composite Materials.*** https://doi.org/10.1177/00219983221121891.

17. Vinoth Kumar K, **Loganathan T.G** and Jagadeesh G, 'Mechanical anti-lock braking system using pneumatic system and solenoid valve with low-cost manufacturing. 2022, ***World Journal of Engineering***. DOI. 10.1108/WJE-01-2022-0002.
18. Vinoth Kumar Kalidas, **Loganathan T G**, Shukur Bin Abu Hassan and Hemadri Chadalavala "A comparative study on drill tool effect on vibration and delamination characteristics of FRPs", (2022), ***Journal of Natural Fibres,*** https://doi.org/10.1080/15440478.2022.2113848
19. Venkatachalam G, Aravindh Sampantham, **Loganathan T G**, Vignesh Pragasam, Pandivelan C, "Investigations on tensile and flexural behaviours of fly ash / coir reinforced polymer matrix composites", (2022), ***Brazilian Archives of Biology and Technology,*** https://doi.org/10.1590/1678-4324-2022210473.
20. John Robinson, Sai Priya Munagala, Arun Arjunan , Nick Simpson, Ryan Jones , Ahmad Baroutaji**, Loganathan T. Govindaraman** and Iain Lyall, "Electrical conductivity of additively manufactured copper and silver for electrical machine applications", ***Materials***, 2022, 15,7563. https://doi.org/10.3390/ma15217563.
21. **Loganathan Thozhuvur Govindaraman**, John Robinson, Arun Arjunan and Ahmad Baroutaji, "Mechanical performance of additively manufactured copper-tungsten in-situ alloy", ***Affiliation: University of Wolverhampton, UK. Under Progress.***
22. V.P. Anirudh, S.A. Ajay Krishna, A. Akshat, G. Venkatachalam, **T.G. Loganathan** 'Virtual fatigue analysis of epoxy-based composite reinforced with sugarcane fibre, fly ash and carbon nano tubes', ***Materials Science & Engineering Technology***, 2022, 53, 56-67. doi.org/10.1002/mawe.202100049.
23. J Senthilkumar, Bakkiyaraj M, M Balasubramanian1 and **T G Loganathan**, 'Effect of FW conditions on mechanical and microstructural characteristic of AA6061/SiC/Graphite hybrid composites joint by empirical relationship', ***Surface Topography: Metrology and Properties***, 2021, https://iopscience.iop.org/article/10.1088/2051-672X/ac4148.
24. M. Balasubramanian, **Thozhuvur Govindaraman Loganathan** and R. Srimath, 'An overview: characterization of natural fiber reinforced hybrid composites*',* ***World Journal of Engineering***, 2021. https://DOI 10.1108/WJE-07-2021-0409. (**SI**)
25. Klaudio Bari and **Thozhuvur Govindaraman Loganathan,** 'The Performance of Filava-Polysiloxane, Silres® H62C Composite in High Temperature Application'. ***Journal of Composites Science***. 2021, 5, 144. https://doi.org/10.3390/ jcs5060144. (**SI**)
26. Ananthakrishnan Elango, Kalidas Vinoth Kumar, **Thozhuvur Govindaraman Loganathan** , Rathnam Krishna Priya, Sutha Shobana, Manickam Balasubramanian, and Jeyaprakash Dharmaraja, 'Characterization of alkali treated Nelumbo nucifera fiber and properties of its reinforced composite, ***Journal of Natural Fibers***, https://doi.org/10.1080/15440478.2020.1870640 (***IF: 2.8***)
27. **T. G. Loganathan**, K. Vinoth Kumar, and R. Krishnamurthy, 'Assessment of Cyclic Load Induced Energy Dissipation and Damping on GFRP Composite Laminate', ***Fibers and Polymers*** 2020, Vol.21, No.9, 2092-2097, DOI 10.1007/s12221-020-9813-z (***IF: 1.797***)
28. **T.G. Loganathan,** K. Vinothkumar, K. Ayyappa, G. Mahendran, and G. Venkatachalam, 'Mechanical and Vibrational Property Evaluation of Banana Fiber Epoxy Sandwich Composite with Steel Wire Mesh Core', ***Journal of Natural Fibers***, https://doi.org/10.1080/15440478.2020.1848744 (SCI) (***IF: 2.8***)
29. **TG Loganathan**, R Sathish, D Sreekandan and S Thamizhanban, "A review on Thermo mechanical behaviour of hybrid NF composites', ***Materials Today: Proceedings***, https://doi.org/10.1016/j.matpr.2020.07.044 (**SI**) (***IF: 0.5***)

30. **T.G. Loganathan**, K Vinoth Kumar and S. Madhu, 'Flexural and fatigue of a composite leaf spring using finite element analysis', ***Materials Today: Proceedings***, https://doi.org/10.1016/j.matpr.2019.11.265 (**SI**) (***IF: 0.5***)
31. KV Kumar, R Pavendhan, GGR Subramaniyan and **TG Loganathan**, 'Effect of bio waste (conch shell) particle dispersion on the performance of GFRP composite', ***Journal of Materials Research and Technology*** 9 (4), 7123-7135 https://doi.org/10.1016/j.jmrt.2020.04.042 (**SI**) ***(IF: 5.289)***
32. K Vinoth Kumar, **T.G. Loganathan**, and S. Madhu ' Wear characteristics of GFRP composites on exposure to rough surface, ***Materials Today: Proceedings***, https://doi.org/10.1016/j.matpr.2019.11.306 (**SI**) (***IF: 0.5***)
33. K. Vinoth Kumar, **T.G. Loganathan**, A. Bharath, B. Shyam Sundar and K. K. Abishek 'Comparative structural vibration analysis of machinery and GFRP with Al7075', ***MATEC Web of Conferences*** 144, 01009 (2018). (**SCI**)
34. **T.G. Loganathan**, K. Chandrasekaran, R. Krishnamurthy, P.K. Devan, 'Influence of selective reinforcement in dynamic performance of glass-epoxy composites, ***Materials Today: Proceedings***, 4 (2), 3014-3022, 2017. (**SCI**) (***IF: 0.5***)
35. **T. G. Loganathan,** Dr. R. Krishnamurthy and Dr. K. Chandrasekaran, 'Significance of Cyclic Loading Parameters on the Flexural Response of the GFRP Composites', ***Journal of Mechanical Science and Technology***. 30 (7), 3127-3136, 2016. (**SCI**) (***IF: 1.463***)
36. **T.G. Loganathan**, Krishna Murthy R, Chandrasekaran K, 'Significance of Energy Absorbing layer in GFRP Composite on Flexural Response', ***Journal of Testing and Evaluation***, Vol.45, 4, online 2016. (**SCI**) (***IF: 0.650***)
37. **T.G. Loganathan**, R. Krishna Murthy, K. Chandrasekaran, 'Damage characterization of GFRP composite on exposure to cyclic loading by acoustic emission', ***FME transactions***, Vol 44, 2016. (**SCI**) (***IF: 0.5***)
38. **T. G. Loganathan**, Krishna Murthy R, Chandrasekaran K, 'Investigation on Flexural Response of GFRP Composite Laminate subjected to Low-Velocity Cyclic Loading', ***Indian Journal of Science and Technology***, Vol. 8(15), July 2015.
39. **T. G. Loganathan**, Krishna Murthy R and Chandrasekaran K, 'Effect of cyclic loading frequency on flexural modulus of GFRP laminates with resin-rich intermediate layers', ***Applied Mechanics and Materials***, Vol. 787, pp. 543-547, 2015.
40. **T.G. Loganathan**, Senthil Gavaskar S, ' Failure Analysis of Brake in Light Commercial vehicles using SQC Tools', ***International Journal of Engineering Research and Technology***, Vol.3 (11), Nov. 2014.

B. Book Chapters

1. Chapter titled 'Nanomaterials Theory and Applications' in the book 'Encyclopedia of Smart Materials' (2021), Elsevier Publications. https://doi.org/10.1016/B978-0-12-815732-9.00116-9
2. Chapter titled 'Metamaterials for Energy Harvesting' in the book 'Reference Module in Materials Science and Materials Engineering (2021). Elsevier Publications. https://doi.org/10.1016/B978-0-12-815732-9.00127-3.
3. Chapter titled 'Selection of spinel ferrite-based electromagnetic wave absorbing composites using AHP based TOPSIS and VIKOR Approaches', Spinel Ferrite Materials – Fundamentals, Progress and applications. (2024), Elsevier Publication. https://doi.org/10.1016/B978-0-443-21742-5.00007-3
4. Chapter titled 'Defects and porosity in additively manufactured HEA' – Elsevier- In progress.

C. Patents

1. **Granted** – An attachment for Generating Spur Gear and Helical Gear Using Radial Drilling Machine. Indian Patent Publication No.201641038549 Dt.:25/11/2016, Journal No. 49/2016, Patent No: 391195, Granted on: 04.03.2022

2. **Granted** - An automatic electronic system for detecting flammable gas leakage. Indian Patent Publication No. 201641038550 Dt. 25/11/2016, Journal No. 49/2016, Patent Number: 386813, Granted on:19.01.2022.
3. **Granted** – Anti-Lock Braking by Torque Reduction. Publication No. 201941026760 Dt.: 2/08/2019, Journal No. 31/2019. Patent No.: 512329, Granted on:19.02.2024
4. **Granted** - Caryota Urens Fruit Stem a potential reinforcement for biocomposites No. 201941053076, Dt.: 20.12.2019, Journal No. 01/2020., Patent No: 531823, Granted on: 04.04.2024
5. Refillable food material dispenser for making Indian pancake with comfortable shelving. Indian Patent No. 202341018793, **Published Dt**: 20/03/2023, Journal No: 15/2023.
6. Repeated Impact Testing Machine. Indian Patent No. 202441057282, Published Dt: 30/08/2024, Journal No: 35/2024.
7. Filed Designed Patent "Portable chair for high rise work", date: 4.4.25, Application No.: 454291-001

D. Projects Applied

- **Title**: " Development of Novel Composite for heat resistant LiB enclosure for EVs"
  Agency: Innovate UK on 2020 – Worked with Academic Leads at Uni of Wolverhampton.
  Amount: GBP 150,000
  Objective: To develop lightweight heat-resistant composite for truck battery enclosure.
- **Title**: "Interaction of surface-modified GNPs as reinforcement in Cu matrix and its influence on enhancement of thermal, physical and mechanical properties of LPBF fabricated sandwich builds"
  Agency: ISRO on Sep 2022, completed the examination and awaiting HR results.
  Amount: GBP 50,000
  Objective: Aiming to develop high thermal conductive copper alloy with carbon allotrope for the heat sink.

E. New Product Development

- GFRP – Lightweight lamp post.
- Safety Helmet using GFRP – CSM and checked impact worthiness by Drop Weight Impact Test
- Ceiling Fan parts by Compression moulding of GFRP and NFRP and checked for their durability, air throw and heat dissipation
- Pick and Place robot arm-end effector by hot press compression moulding.
- Skate Board by Compression moulding of NFRP – completed and progressing towards commercialization.
- Mold, Casting and Testing of GFRP - Cross Slide, Compound rest, Faceplate of machinery.

F. Journal Reviewer

1. Journal of Mechanical Science and Technology - Springer
2. Fibres and Polymers - Springer
3. Materials Performance and Characterization – ASTM International
4. Journal of Intelligent Manufacturing and Special Equipment – Emerald Publishing
5. Journal of Composite Materials – SAGE Publications.
6. Institute of Physics – Publishing.
7. Springer Nature

CURRENT RESEARCH INTERESTs

- RTM, VARTM and ATP
- Additive manufacturing of composites
- Numerical analysis and Modal Analysis of composites
- Blending of Polymers for multifunctional composites.
- Machining and Bonding of Composites.
- Fatigue and cryogenic studies on CFRP prepregs

- Metal – Composite hybrid joints – USW.
- Sustainability of Composites – Circular Economy.

ADMINISTRATIVE EXPERIENCES

- Established and Coordinating AICTE – IDEA LAB worth of 1.1 cr.
- Established - The Composite Fabrication and Testing Centre (CFTC).
- PTC - Product Lifecycle Management Institution Coordinator
- Department Consultancy Coordinator – Completed Industrial Consultancy in the Composite domain to the tune of 10 lakhs.
- Overall Accreditation (Washington Accord) Coordinator of the Higher Educational Institute.
- @ RMKCET Effectively implemented, ISO, OBE and obtained NBA Accreditation for all UG Programs and NAAC with 'A' Grade.

AWARD AND MEMBERSHIP

1. CTS Best Faculty Award for the year 2016.
2. Life Member of the Indian Society of Technical Education
3. Member in Composites UK
4. Life Member in Society for Failure Analysis.
5. Member in SAE.

WORK STYLE

- ❖ Work prioritisation and punctuality.
- ❖ Well-organized and passionate to work on all grounds.
- ❖ Interested to learn new technology and quickly adapting to new environments.
- ❖ Willing to take up new roles
- ❖ Perform basic tasks and then move on to complex situations.
- ❖ Work in independent mode as well as in a team.

PERSONAL DETAILS

DoB: 28.08.1975, Male, Married and blessed with two boys.

REFERENCES

Dr. T V Arjunan,
Professor,
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Dt: 27.04.25

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