

CURRICULUM VITAE

Dr. G.Karthikeyan
Assistant Professor (Senior Grade)
Department of Mechanical Engineering
UCE – BIT Campus, Tiruchirappalli 620 024
Contact no: 9944304871
Mail. ID: p_gkarthikeyan@yahoo.co.in



➤ **Research Area:**

- Composite Materials, Metal Matrix Composites, Optimization, simulation, Engineering Design, Manufacturing Engineering, Finite Element Methods

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (Composite Material)	Anna University Chennai	2016	-	-
M.E (CAD/CAM)	Anna University	2004	81.1	First Class with distinction
B.E (Mechanical)	Bharathidasan University	2000	65.19	First Class

Experience: (chronological order)

Name of Company / Institutions	Designation of Post	From	To	Experience in Year
University College Of Engineering BIT Campus Anna University Trichy	Assistant Professor	24.07.2023 (AN)	Till date	
University College Of Engineering Pattukkottai Rajamadam	Assistant Professor (Senior Grade)	30.10.2014	24.07.2023	8 years 9 months

University College of Engineering, Pattukkottai, Rajamadam	Assistant Professor	23.07.2014	29.10.2014	3 months 7 days
Regional Office, Anna University- Tirunelveli Region Tirunelveli	Assistant Professor	30.10.2009	22.07.2014	4 years 8 months 23 days
Bharathiyar College of Engineering and Technology	Senior Lecturer	01-06-2008	29.10.2009	1 year 4 months 29 days
Bharathiyar College Of Engineering And Technology	Lecturer	21.02.2005	31.05.2008	3 years 3 months 10 days
Mohamed Sathak Engineering College	Lecturer	02.06.2004	15.08.2004	2 months 13 days
JJ College Of Engineering and Technology	Lecturer	16.08.2004	20.02.2005	6 months 5 days
Bharathiyar College Of Engineering and Technology	Lecturer	05.06.2000	07.06.2002	2 years 2 days

➤ **Awards / Honours Received:**

1. School first place in 10th standard
2. School third place in 12th standard
3. Received Academic topper award in M.E programme

4. Placement officer appreciation certificate received from pentagon space company
5. Placement officer appreciation certificate received from Dean, Uce-Pattukkottai.

➤ **Additional / Academic Responsibilities at University:**

1. Placement officer in University College of Engineering, Pattukottai from 2014 – July 2023.
2. Naan Mudhalvan SPOC from 2022 to July 2023
3. Store Incharge in University College of Engineering, Pattukottai from 2014 – July 2023.
4. Genset Incharge & Plumbing work Incharge in University College of Engineering, Pattukottai from 2014 – July 2023.
5. TNEA 2018 (Tamilnadu Engineering Admission) certificate verification officer for 2018 engineering admission in University College of Engineering, Pattukottai. (from 08/06/2018 to 14/06/2018).
6. TNEA 2022 (Tamilnadu Engineering Admission) Nodal officer for 2022 engineering admission in University College of Engineering, Pattukottai.
7. Question scrutiny member (2023) for Periyar Maniammai Institute of Science & Technology university at thanjavur
8. Library officer in Regional campus of Anna university, Tirunelveli Region, Tirunelveli College of Engineering During August 2013 to July 2014
9. Anna University of Technology Tirunelveli, Inspection committee member
10. Question paper setter of Anna University of Technology, Tirunelveli.
11. Question Paper Setter for the Veltech University Chennai.
12. Question paper setter, Anna University, Chennai.
13. M.Tech Programme co-ordinator in Bharathiyar College of Engineering and Technology, Karaikal.

➤ **Membership of Scientific and Professional Societies:**

1. Life Member in the Indian Society for Technical Education
2. Life Member in Indian Welding Society

➤ **Fellowships and Grants received:**

Sl. No.	Name Of The Event	Funding amount	Funding agent
1	Faculty Development Programme On Engineering Graphics	Rs 80,000	Centre for Faculty Development, Anna University, Chennai
2	Faculty Development Programme On Engineering Materials And Metallurgy	Rs 80,000	Centre for Faculty Development, Anna University, Chennai
3	Student project Scheme-2019-2020 on Experimental Investigation of Al6061/ZrO ₂ metal matrix Composites	Rs 7500	Tamilnadu State council for Science and Technology (TNSCST) D.Sakthivel, A.RanjithKumar, A.Santhoshkumar S.Nithishkumar

➤ **Completed PG/UG Projects:**

- a. Number of PG Projects Completed: 39 Nos
- b. Number of UG Project Completed: 70 batches

➤ **Research Guidance (M.S/Ph.D.) (Completed):**

Sl. No	Name of the scholar	Title of the thesis	Year of registration	Date of viva voce
1.	Backia	Green Communication IOT	Jan 2018	June 2023

	Abinaya.A	In 5G Wireless Communication For Smart World		
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➤ **Research Guidance (M.S/Ph.D.) (Ongoing):**

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1	Prasanna Venkatesh.S	Materials Testing	Jan 2018	Confirmation Completed
2	Silambarasan.B	Composite Material	June 2019	Confirmation Completed
3	Senthilkumar .S	Composite Material	Jan 2020	Confirmation Completed
4	Prabu S	Composite Material	Jan 2021	Course Work Completed

➤ **Publications:**

a. Books / book chapters:

1. Proceedings of National Conference on Recent Advances in Science & Engineering (NCRASE2017), conducted by University College of Engineering, Pattukottai, 13th April 2017 (ISBN 978-81-933531-1-0)- **Editor.**
2. **Web blog:** Development of Novel Composite material
["https://bitedoc.org/philosophy-money.html?utm_source=development-of-novel-composite-material"](https://bitedoc.org/philosophy-money.html?utm_source=development-of-novel-composite-material)
3. Statistical and Numerical Analysis of Hybrid Composites: Aluminium hybrid Metal Matrix Composites, LAP Lambert Academic Publishing (2022-01-25), ISBN-13:978-620-4-73954-0, ISBN-10:6204739549, EAN: 9786204739540.

4. Study of Metal Matrix Composites An Experimental & Numerical Approach, LAP Lambert Academic Publishing, 2022, ISBN:978-620-4-74589-3.

b. International Journals:

1. Silambarasan B , **Karthikeyan G** , Vignesh R , Sabarinathan R , Bharath Kumar S , Kapilan J, Experimental Investigation of Mechanical Properties on Al7075 with Hybrid Reinforcements, International Journal of Advanced Research in Science, Communication and Technology (IJARSCT) , Volume 3, Issue 3, May 2023, DOI: 10.48175/IJARSCT-9788 112.
2. G. Elatharasan, R. Manikandan, **G. Karthikeyan**, and S. Thulasi , 2022, Tensile behavior of friction stir welded (Aa6061-T6 & Aa5083- H111) dissimilar aluminum alloy joints using response surface methodology, AIP Conference Proceedings, Volume 2393, 020204, Issue 1, <https://doi.org/10.1063/5.0074150>.
3. A. Backia Abinaya and **G. Karthikeyan**, "Data offloading in the internet of vehicles using a hybrid optimization technique," *Intelligent Automation & Soft Computing*, vol. 34, no.1, pp. 325–338, 2022. [doi:10.32604/iasc.2022.020896](https://doi.org/10.32604/iasc.2022.020896)
4. **G.Karthikeyan**, A.Backia Abinaya, 2021, ‘A Review On Radiation Effects And Its Health Hazards’ International Journal of Scientific Research and Engineering Development (ISSN : 2581-7175), volume 4, Issue 1, Jan-Feb 2021; pp. 1118- 1122.
5. **G.Karthikeyan**, G.Elatharasan, S.Thulasi, P.Vijayalakshmi, Tensile, compressive and heat transfer analysis of ZrO₂ reinforced aluminum LM6 alloy metal matrix composites, June 2020, Materials today: proceedings, <https://doi.org/10.1016/j.matpr.2020.05.270>.

6. S.Thulasi, G.Muthu, **G.Karthikeyan**, V.Thirumaran, 2020, Thermal performance in a modified header solar water heating system using salt hydrate technology with twisted tape insert, Material Today: Proceeding, DOI: [10.1016/j.matpr.2020.06.507](https://doi.org/10.1016/j.matpr.2020.06.507)
7. G. Elatharasan, R. Manikandan, **G. Karthikeyan**, 2020, Multi-response optimization of process parameters in friction stir welding of dissimilar aluminum alloys by Grey relation analysis (AA 6061-T6 & AA5083-H111), Materials Today: Proceedings, <https://doi.org/10.1016/j.matpr.2020.06.353>.
8. Mathi Kannaiyan, Jinu GowthamiThankachi Raghuvaran, **Karthikeyan Govindan**, ElayaPerumal Annamalai, 2020, 'Process parameters and properties of electric resistance spot welded AISI304-AISI1020 dissimilar weldments' Journal of Ceramic Processing Research. ISSN : 1229-9162, Vol. 21, No. 1, pp. 26-34. (Annexure I). IF-0.386.
9. Mathi Kannaiyan, **Karthikeyan Govindan**, Jinu GowthamiThankachi Raghuvaran, 2020, 'Prediction of specific wear rate for LM25/ZrO₂ composites using Levenberg–Marquardt backpropagation algorithm' Journal materials Research & Technology, ISSN: 2238-7854, Vol.9, No.1, pp.530–538 (Annexure I). IF-3.327.
10. **Karthikeyan, G**, Jinu, GR, 2019, 'Mechanical Properties and Metallurgical Characterization of LM25/ZrO₂ Composites Fabricated by Stir Casting Method', Matéria (Rio de Janeiro) Vol. 24,r no. 3, ISSN: 1517-7076, (Annexure I). IF-0.340.

11. **Karthikeyan, G** & Jinu, GR, 2017 'Tensile Behaviour and Fractography Analysis LM6/ZrO₂ Composites', *Materiali in Tehnologije / Materials and technology* Vol. 51, no.3, pp.549-553, ISSN: 1580-2949, (Annexure I). IF-0.548,
12. **Karthikeyan, G**, Jinu, GR & Vijayalakshmi, P, 2017, 'Weldability Study of LM25-ZrO₂ Composites by Using Friction Welding', *Matéria (Rio de Janeiro)* Vol. 22, no. 3, ISSN: 1517-7076, (Annexure I). IF-0.024.
13. Lakshmanan Pillai, A, Jinu, GR & **Karthikeyan, G**, 2017, 'Fabrication and Tribological Behaviour of Mg-TiO₂ Composites', *Transaction of FAMENA*, ISSN: 1333-1124, vol. 41, no. 4, pp. 61-70. (Annexure I). IF-0.48.
14. **Karthikeyan.G**, Jinu.G.R, Elatharasan.G, 2017, 'Review of Recent Trends in Manufacturing Processes and property analysis of Magnesium Matrix Composites', *Advances in Natural and Applied Sciences*. Vol 11, Number 8; pp. 299-307. ISSN:1995-0772
15. Manikandan.R, Elatharasan.G, **Karthikeyan.G**, 2017, 'Influences of Tool Pin Profile and Mechanical Properties of AA6061-T6 welded joint by Friction stir welding', *Advances in Natural and Applied Sciences*. Vol 11, Number 8; pp. 250-256. ISSN:1995-0772.
16. **Karthikeyan, G** & Jinu, GR 2016, 'Dry Sliding Wear Behavior Optimization of Stir cast LM6/ZrO₂ Composites by Response Surface Methodology analysis', *Transactions of the Canadian Society for Mechanical Engineering* vol. 40, no. 3, pp.351-369, ISSN: 0315-8977, (Annexure I). IF-0.460.
17. **Karthikeyan, G**, Jinu, GR & Vijayalakshmi, P 2016, 'Evaluation of Hardness of Aluminium Metal Matrix Composites at Elevated Temperature', *Concurrent Advances in Mechanical Engineering*, ISSN: 2455-3638, vol. 2, no. 2, pp. 8-19.

18. Jinu, GR, **Karthikeyan, G** & Vijayalakshmi, P 2016, 'Development and Mechanical Properties Analysis of Aluminum LM14-MgO Metal Matrix Composites Using FEA', Concurrent Advances in Mechanical Engineering, ISSN: 2455-3638, vol. 2, no. 2, pp. 20-32.
19. Elatharasan.G, Manikandan.R, **Karthikeyan.G**, 2016, 'Design and Analysis of Four Arms Portable Auto Jack', International Journal of Transactions on Innovations in Science and Technology, Vol 1, Number 4; pp. 90-94.
20. Elatharasan.G, Manikandan.R, **Karthikeyan.G**, 2016 'Design and Fabrication of Chamfering of Super-Critical Burner Panel Assembly' International Journal of Transactions on Innovations in Science and Technology, Vol 1, Number 1; pp. 18-21.
21. **Karthikeyan, G** & Jinu, GR 2015, 'Experimental Investigation on Mechanical and Wear Behaviour of Aluminium LM6 / ZrO₂ Composites Fabricated by Stir Casting Method', Journal of the Balkan Tribological Association, ISSN: 1310-4772, vol. 21, no. 3, pp. 539-556. (Annexure I). IF-0.443.
22. **Karthikeyan, G** & Jinu, GR, 2015, 'Dry Sliding Wear Behavior of Stir Cast LM25/ ZrO₂ Metal Matrix Composites', Transaction of FAMENA, ISSN: 1333-1124, vol. 39, no. 4, pp. 89-98. (Annexure I). IF-0.48.
23. **Karthikeyan, G** & Jinu, GR 2015, 'Effect of ZrO₂ Reinforcement on LM25 Metal Matrix composites', International Journal of Applied Engineering Research, ISSN: 0973-4562, vol. 10, no. 39, pp. 29531-29534. IF-0.13
24. Goldin Priscilla.C.P and **Karthikeyan.G**, Assessment of leak before break by modified average stress criterion, International Journal of Computer Aided Engineering and Technology, ISSN online: 1757-2665, Vol. 7, No. 1, pp-29-37, 2015.

25. Veerapandi.R, **Karthikeyan.G**, Jinu.G.R, Kannaiah.R, “Experimental study and analysis of flow induced vibration in pipeline” International journal of engineering research & technology (ISSN 2278-0181) , Volume 3, Issues 5, pp-1996-1999, May 2014.
26. Starlin Deva Prince, **G.Karthikeyan.G**, Velmurugan.K, Jinu.G.R, “Evaluation of fracture parameters using probabilistic fracture mechanics”, International journal of engineering research & technology (ISSN 2278-0181) , Volume 3, Issue 4, pp.66-72, April 2014.
27. Starlin Deva Prince.J, **Karthikeyan.G**, Velmurugan.K, Evaluation Of Fracture Parameter J-Integral Of A Centre Crack Specimen Using FEM Approach, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 9, No.26 (2014), pp. 9308-9311.
28. Mathukumar.S, **Karthikeyan.G**, Design And Analysis Of Vibration Free Rocket Transportation System, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 9, No.26 (2014), pp. 9304-9307.
29. Viknesh.G, **Karthikeyan.G**, Designing of Tilting and Handling Fixture for CE-20 Engine, International Journal of Applied Engineering Research, ISSN 0973-4562, Vol. 9, No.26 (2014), pp. 8929-8934.
30. Navaneetha Krishnan.M, Vettivel.S.C, **Karthikeyan.G**, Workability Behavior of Copper-Tungsten and Graphite Composites, Trends in Machine Design Volume 1, Issue 2, 2014, pages 12-22 ISSN: 2455-3352(online).
31. Ganesh.K.C, **Karthikeyan.G**, Dr. Raja Manohar. D (2011), “Deflection and Distortion Analysis of Cryogenic Engine Test Assembly”, CiiT international

Journal of Programmable Device Circuits and Systems, (Print: ISSN 0974-973X & Online: ISSN 0974-9624), Vol 3, No 11, pp.648-655 (2011).

c. National Journals:

1. Ashokumar.I, **Karthikeyan.G**, G.R.Jinu, “Machinability study of aluminium alloy and MgO Metal Matrix Composites by DOE method”, Journal of Emerging Technology in Mechanical Science and Engineering (ISSN No:0976-2558), volume 5, special issue, pp-245-251, March 2014.
2. Mahesh.H, **Karthikeyan.G**, G.R.Jinu, “Experimental investigation on the weldability of aluminium alloy ZrO₂ metal matrix composite using friction welding” Journal of Emerging Technology in Mechanical Science and Engineering (ISSN No:0976-2558), volume 5, special Issue, pp-232-239, March 2014.

➤ **Patents:**

1. Design patent on Spherical ball Drill Jig (SET)-Design No 324441-001 dated on 6.12.2019.
2. Design patent on GYM STAND POWER GENERATOR-Design No 332093-001 dated on 05/11/2021, The Patent Office Journal No. 45/2021 Page No. 53421
3. Design patent on INTEGRATED RISER TUBE PANEL FOR SOLAR WATER HEATER-Design No 355484-001 dated on 18/02/2022 (class 23-01), The Patent Office Journal No. 07/2022 Page No. 10592.
4. Design patent on Round Rod Die Set for making Composite material (Powder Metallurgy Route)-Design No 358593-001 dated on 08/04/2022 (class 08-01), The Patent Office Journal No. 14/2022 Page No. 23514.
5. Design patent on MINI PRESS TOOL-Design No 324440-001 dated on 06/12/2019 (class 15-09), The Patent Office Journal No. 45/2022 (Journal Date is 11/11/2022) Page No. 72255.

6. Design patent on ROTOR BLADE FOR WIND TURBINES-Design No 356825-001 dated on 17/01/2022 (class 25-03), The Patent Office Journal No. 20/2023 (Journal date: 19/05/2023) Page No. 38661.

7. Design patent on Modified Oxy Hydrogen Generator-Design No 356826-001 dated on 17/01/2022 (class 15-01), The Patent Office Journal No. 20/2023 (Journal date: 19/05/2023) Page No. 38438.

➤ **Sponsored Research Projects: NIL**

➤ **Consultancy Activities: NIL**

➤ **List of Seminar / Short Term Course /FDP/ Workshop organized:**

1. Coordinator of One Day National Level Seminar On “RECENT TRENDS IN SUSTAINABLE ENERGY” on 05th Feb 2020 for Teachers in Engineering Colleges sponsored Petroleum Conservation Research Association (PCRA), Chennai.
2. Coordinator of seven days faculty development training programme on GE8152-Engineering Graphics (28-05-18 to 03-06-18) for Teachers in Engineering Colleges sponsored by Anna University Chennai.
3. Co-ordinator and Editor one day National Conference on Recent Advances in Science & Engineering (NCRASE2017) 13th April 2017.
4. Coordinator of seven days faculty development training programme on ME6403-Engineering Materials and Metallurgy (21-11-16 to 27-11-16) for Teachers in Engineering Colleges sponsored by Anna University Chennai.
5. Organizing Committee member of One Day National Level workshop On Nano composite Materials, 11th MAR’2015.
6. Organized 10 days training Programme on CAD/CAE under UGC XII-plan-new Extension Activities and Outreach Programme from 07/03/2013 to 16/3/2013 at Regional centre of Anna University, Tirunelveli Region, Tirunelveli.

7. Organized One day 'CAD EXPO' at Regional centre of Anna University, Tirunelveli Region, Tirunelveli.

➤ **List of Seminar / Short Term Course /FDP/ Workshop attended:**

1. AICTE sponsored Staff Development Programme (2006), "Advancement in Technology Mathematics for Engineering" organized by Bharathiyar College of Engineering & Technology, Karaikal during 10th July to 20th July (11 days).
2. Two days workshop (2006), "Introduction to Ansys" organized by AVC college of Engineering, Mayiladuthurai during 7th November to 8th November (2 days).
3. T.E.Q.I.P sponsored two day workshop (2007), "Design of Experiments for Engineers and Researchers" organized by National Institute of Technology, Trichy during 19th December to 20th December 2007 (2 days).
4. T.E.Q.I.P sponsored two days workshop (2008), "Finite Element Analysis of Welding" organized by National Institute of Technology, Trichy during 24th January to 25th January (2 days).
5. AICTE-ISTE sponsored one week short term training programme (2009), "Recent Development in Product Design & Strategies in Industries" organized by Bharathiyar College of Engineering & Technology, Karaikal during 2nd to 7th March (6 days).
6. AICTE sponsored Staff Development Programme (2009), "Environmental Friendly Energy Conservation Strategies" organized by Bharathiyar College of Engineering & Technology, Karaikal, during 21st July to 3rd August (14 days).

7. Symposium (2011), “for in house research scholars of centre for material joining research Centre for materials joining & Research” organized by Annamalai University during 11 to 12th March (2 days).
8. One day workshop (2011), “fatigue life Evaluation of welds” organized by Annamalai University during on 29th July (One day).
9. Two day – ISTE workshop (2012), “Akash for Education” Conducted by IIT Bombay & organized by Regional Centre of Anna University – Tirunelveli during 10 to 11th Nov 2012 (2 days).
10. Two week ISTE Workshop (2012), "Engineering Thermodynamics" conducted by IIT Bombay & organized by Regional Centre of Anna University – Tirunelveli during 11 to 21, December – 2012 (11 days).
11. Two week ISTE Workshop (2013), "Engineering Mechanics" conducted by IIT Bombay & organized by Regional Centre of Anna University – Tirunelveli during 26 Nov to Dec 6, 2013 (11 days).
12. ISTE Sponsored National workshop (2014), “Guidelines to publish articles in International peer review journal” organized by Ponjesly college of Engineering during on 3rd January 2014 (one day).
13. Two week ISTE Workshop (2014), "Fluid Mechanics" Conducted by IIT Kharagpur & organized by Regional Centre of Anna University – Tirunelveli during 20th to 30th May 2014 (11 days).
14. UGC sponsored short term course (2014), “New Materials their Characterization and applications organized by Anna University Chennai crystal growth centre and centre for nanoscience & tech during 15th & 16th October 2014 (2 days).

15. One day national level workshop (2015), “Nano Composite Materials” organized by University College of Engineering, Pattukottai during on 11th March 2015 (one day).
16. One day seminar (2015), “Recent Trends in Mathematics” organized by University College of Engineering, Pattukkottai during on 27th March 2015 (one day).
17. TEQIP sponsored two week faculty development programme (2015), “Thermal Engineering Application For Sustainable Improvement” organized by Bharathidasan Institute of Technology Anna University, Trichy during 15th June to 28th June 2015 (14 days).
18. Centre for faculty Development sponsored Two week Faculty Development Training Programme (2015), “Thermal Engineering” organized by University College of Engineering, Ramanathapuram during 30th Nov to 6th Dec 2015 (7 days).
19. One day national workshop (2015), “Recent Trends in Optimization” organized by University College of Engineering, Nagercoil during on 10th December 2015 (1 day).
20. International Workshop (2016), “Preparation of Technical Articles & Research proposals” organized by University College of Engineering, Villupuram during on 4th January 2016 (1 day).
21. International workshop (2016), “Emerging Trends in Energy Research” organized by University College of Engineering, Nagercoil during on 6th April 2016 (1 day)

22. Centre for faculty Development sponsored Two week Faculty Development Training Programme (2017), “ME 6503-Design of Machine Elements” organized by University College of Engineering, Panruti during 17th to 23rd May 2017 (7 days).
23. Centre for faculty Development sponsored Two week Faculty Development Training Programme (2017), “ME 6007-Composite Materials and Mechanics” organized by University College of Engineering, Villupuram during 24th to 28th May 2017 (7 days)
24. AICTE sponsored Two weeks Faculty Development Training Programme (2017), “Advances in Research and Development of Intelligent Mobile Robots” organized by EGS Pillay Engineering College, Nagapattinam during 20th Nov to 03rd Dec 2017 (14 days).
25. AICTE sponsored Two weeks Faculty Development Training Programme (2017), “Computational Fluid Dynamics in Engineering & Design” organized by Sethu Institute of Technology, Kariapatti during 04th Dec to 17 December 2017 (14 days).
26. AICTE-QIP sponsored Two weeks Faculty Development Training Programme (2018), “Application of Finite Element Analysis” organized by Alagappa Chettiar Government College of Engg and Technology, Karaikudi during 12th Feb to 25th Feb 2018 (14 days).
27. One day workshop (2018), “Influence of Nano Materials and Admixtures in Concrete & Advance Techniques in Prefabricated Structures” organized by University College of Engineering, Pattukottai during on 15th March 2018 (1 day).

28. Centre for faculty Development sponsored Two weeks Faculty Development Training Programme (2018), “ME 6603-Finite Element Analysis” organized by Government College of Engineering, Sengipatti, Thanjavur during 10th December to 21st December 2018 (12 days).
29. Knowledge 4.0 Technical Webinar Series on Evolution of Industrial Robots organized by Chennai Institute of Technology on 11.05.2020.
30. One Week Online FDP on NOVEL MATERIALS AND ITS INDUSTRIAL APPLICATIONS” organized by centre of excellence for Composite Research and Department of Mechanical Engineering, Karpagam College of Engineering, Coimbatore from 13 May 2020 to 18 May 2020.
31. Knowledge 4.0 Technical Webinar Series on Additive Manufacturing (3D printing) With some business cases organized by Chennai Institute of Technology on 14.05.2020.
32. Webinar series on ENGINEERING GRAPHICS organized by ANAND INSTITUTE OF HIGHER TECHNOLOGY from 15.05.2020 - 21.05.2020.
33. Mech 4.1 technical Webinar series-Two days workshop on Advancement in Rocket Science & Additive Manufacturing organized by department of Mechanical Engineering CSI college of Engineering, Ketti, Nilgiris on 18 & 19th May 2020.
34. Webinar on “Non Destructive Testing and Advance Technology” Organized by Karpaga Vinayaga College of Engineering and Technology on 20.05.2020.
35. Webinar on “Overview of Chassis parts for passenger/commercial vehicles” hosted by KCG College of Technology on 26.05.2020.

36. International webinar on 3D printing and Industrial Application organized by department of Mechanical Engineering PPG Institute of Technology Coimbatore.
37. Three Week Industrial Training Program (online mode for 2 Weeks and 1 Week field training) on Mechanical Engineering Applications in Telecom Industry & Communication and Networking Technologies” organized by Rajiv Gandhi Memorial Telecom Training Centre, BSNL, Chennai from 01st June 2020 to 19th June 2020.
38. Webinar on “sustainable manufacturing in Industry 4.0” hosted by KCG College of Technology on 06.06.2020.
39. Six day FDP on Emerging Automotive Technologies, conducted through Google Meet Organized by Kalasalingam Academy of Research & Education (Deemed to be University) during 25.06.2020 to 30.06.2020.
40. One week-online FDP (LFC-2020) on Lost Foam Castings organized by Department of Mechanical Engineering, Sree Chaitanya College of Engineering from 20th July 2020 to 25th July 2020.
41. Ministry Of Human Resource Development pandit Madan Mohan Malaviya National Mission On Teachers And Teaching sponsored 2-Week Faculty Development Programme on "MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0" organized by Teaching Learning Centre, Ramanujan College, Teaching Learning Centre, Ramanujan College University of Delhi University from July 25 - August 10, 2020.
42. FDP on Moodle Learning Management System organized by Centre for Faculty Development, Anna University, Chennai with course material provided by Spoken Tutorial Project, IIT Bombay from 12-10-2020 to 16-10-2020.

43. Three week industrial training on Mechanical Engineering applications in Telecom Industry conducted by Rajiv Gandhi Memorial Telecom Training Centre BSNL, Tamilnadu telecom circle from 01.06.2020 to 19.06.2020
44. Online AICTE –ATAL sponsored FDP on Energy Engineering conducted Government College of Engineering Thanjavur from 21.12.2020 to 25.12.2020
45. Two week online certificate programme on ICT tools for Teaching Learning Process & Institutes organized by Indian institute of information technology, design and manufacturing Jabalpur in association with university College of Engineering BIT campus from 15.03.2021 to 26.03.2021.
46. Centre for Faculty Development, Anna university Chennai sponsored one Weeks **FDTP** on on ME8501-Metrology and Measurements conducted by University College of Engineering Thirukkuvalai 31/05/2021 to 05/06/2021 (6 days)
47. Two week government officials Training Programme on 3D Printing /Additive Manufacturing under futureskills PRIME programme from 13 December 2021 to December 2021.
48. NITTT-AICTE- 8 Modules MOOC course (Online Mode) Oraganized by National Initiative for Technical Teachers training, Taramani, Chennai from April 2022 to May 2022.
49. Five days FDP on Futuristic Research in Mechanical Engineering organized by Department of Mechanical Engineering, SRM Institute of Science and Technology, Ramapuram Campus, Chennai from 08/08/2022 to 13/08/2022.
50. Two days Naan Mudhalvan-A Massive Upskilling Faculty Development Training Programme on “simulation Software-Robo analyzer and RoboDk” through offline mode on September 2022 organized by skillsonic and by Government of tamilnadu.

51. Five days FDP on “Innovation Mentor Capacity Building Programme” from 12/09/2022 to 16/09/2022 organized by Government College of Engineering Srirangam, Trichy.
52. AICTE sponsored 5 days FDP-SI UHV online workshop on “AICTE incorporating Universal Human Values in Education” from 06/03/2023 to 10/03/2023.
53. One Week Naan Mudhalvan-A Massive Upskilling Faculty Development Training Programme on “Smart and Advanced Manufacturing Design and Simulation” through offline mode from 13-02-2023 to 17-02-2023 organised by Government of tamilnadu.

➤ **National / International Conferences organized / Participated:**

a. International conferences:

1. **G.Karthikeyan**, G.Elatharasan, and S.Thulasi, Characterization and Milling Parameter Study on ZrO₂ Particle Reinforced with LM25 Aluminium Alloy by Using L9 Taguchi Orthogonal Array Method, International conference on computing, circuits, Energy and Materials 2022 ICCCEM 2022 organized by University College of Engineering Nagercoil from 15/12/2022 to 16/12/2022.
2. S.Bhuvaneswari, G.Elatharasan, **G.Karthikeyan** and S.Thulasi Numerical Analysis Of Heat Transfer Enhancement With Hybrid Nanofluid, International conference on computing, circuits, Energy and Materials 2022 ICCCEM 2022 organized by University College of Engineering Nagercoil from 15/12/2022 to 16/12/2022.
3. Selvam Thulasi, G.Elatharasan, **G.Karthikeyan**, M.Durairasan, Evaluation Of Thermal Performance Of Aerofoil Wings In Combination With Wounded Copper Tube Solar Water Heater International conference on computing, circuits,

Energy and Materials 2022 ICCCEM 2022 organized by University College of Engineering Nagercoil from 15/12/2022 to 16/12/2022.

4. G.Karthikeyan, Vinod Design of work holding device for boiler header using Ansys Software, International conference on Emerging Approaches in Mechanical & Automobile Engineering (ICEAMAE'21) organized by Dept of Mechanical and Automobile Engg Arasu Engineering College, Kumbakonam on 17/03/21 and 18/03/21 (online mode).
5. G.Elatharasan, R.Manikandan & G.Karthikeyan, Friction Stir Welding of Heat Treatable and Non-heat Treatable Dissimilar Aluminium Alloys AA6061-T6 and AA5083-H11, International conference on Recent Advances in Manufacturing Engineering Research (ICRAMER 2021) organized Dept of Mechanical Engineering SRM institute of Science and Tech Kattankulathur, April 15, 16 2021 (online mode).
6. **G.Karthikeyan**, G.Elatharasan, S.Thulasi, P.Vijayalakshmi, Tensile, compressive and heat transfer analysis of ZrO₂ reinforced aluminum LM6 alloy metal matrix composites, International Conference On Newer Trends And Innovations In Mechanical Engineering (**ICONTIME 2020**), K.Ramakrishnan College of Technology, Trichy, October 15-16, 2020 (online mode).
7. S.Thulasi, G.Muthu, **G.Karthikeyan**, V.Thirumaran, 2020, Thermal performance in a modified header solar water heating system using salt hydrate technology with twisted tape insert, International Conference On Newer Trends And Innovations In Mechanical Engineering (**ICONTIME 2020**), K.Ramakrishnan College of Technology, Trichy, October 15-16, 2020 (online mode).

8. G. Elatharasan, R. Manikandan, **G. Karthikeyan**, 2020, Multi-response optimization of process parameters in friction stir welding of dissimilar aluminum alloys by Grey relation analysis (AA 6061-T6 & AA5083-H111), International Conference On Newer Trends And Innovations In Mechanical Engineering (**ICONTIME 2020**), K.Ramakrishnan College of Technology, Trichy, October 15-16, 2020. (online mode).
9. **Karthikeyan, G** & Jinu, GR (2014), “Development and Performance Characterization of Aluminium LM25/ ZrO₂ Metal Matrix Composites”, International Conference on Advances in Design & Manufacturing (ICAD&M’14), organized by National Institute of Technology, Trichy, pp-664-669, December 5-7th.
10. K.C.Ganesh, **G.Karthikeyan**, Dr.D.Raja Manohar (2011), “Deflection analysis of cryogenic engine test assembly while mounted in the Test Rig”, International Conference on Advances in Engineering and Technology”. Organized by E.G.S. Pillai Engineering College, Nagapattinam, 27th & 28th May, 2011.
11. **Karthikeyan, G** & Jinu, GR (2015), “Wear Prediction & Optimization of Stir Cast LM6/ZrO₂ Composites using RSM”, International Conference on Advances in Mechanical Engineering (ICAME 2015), organized by University College of Engineering, Villupuram, October 15-16th.
12. **G.Karthikeyan**, G.Elatharasan, R.Manikandan, (2015), “Fractography Evaluation of Aluminium Based Composite Materials’, International Conference on Sustainable Energy Systems And Energy Management (SESEM’2015)”, Department of Mechanical Engineering, Bharathidasan Institute of Technology Anna University Tiruchirappalli – 620 024.
13. **Karthikeyan, G** & Jinu, GR (2015) “Effect of ZrO₂ reinforcement on LM25 Metal Matrix Composites”, International Conference on Future Trends in

Engineering and Technology (ICFTET) – 2015 Organized by PSNA College of Engineering and Technology, Dindigul, April 2015.

14. Ashok kumar.I, **Karthikeyan.G**, Jinu.G.R (2014), “Machinability Study of Aluminium Alloy MgO Metal Matrix Composites by DOE Method”, International Conference on Modelling ,Optimization and Computing. April 2014.
15. Manikandan.N, **Karthikeyan.G**, Balamurali.Y (2014), “Stiffness and Thermal Analysis on Aluminium Based Sandwich Composites” International Conference on Modelling, Optimization and Computing. “Organized by Noorul Islam University, Kumaracoil, 2nd April 2014.
16. Shanmuga Sundaram.S.G, **Karthikeyan.G** (2014), “Development of Metal Matrix Composites by using Aluminium LM6 and Zirconium Dioxide for an Automobile Application”, International Conference on Recent Innovations in Science, Engineering and Technology, Organized by Immanuel Arasar JJ College of Engineering, pp.83-87, 2nd-3rd April 2014.
17. Mahesh.H, **Karthikeyan.G**, Jinu.G.R (2014), “Experimental Investigation on the Weldability of aluminium alloy ZrO₂ metal matrix composite using friction welding” International Conference on Modeling, Optimization and Computing, Organized by Noorul Islam University, Kumaracoil, pp-232-239,10-11th April 2014.
18. Jeyaram kumar.B, **Karthikeyan.G**, Jinu.G.R (2013), “Investigation of Mechanical and Microstructure Properties of Aluminium LM25/ZrO₂ Based Metal Matrix composites” International Conference on Advances in Mechanical and Energy Engineering, Organized by Dr.M.G.R Educational & Research Institute university, pp-74, 4-5th April 2013.

19. Goldin Priscilla.C.P, **Karthikeyan.G** (2013), “Assessment of Leak Before Break by Modified Average Stress criterion”, International Conference on Advanced Materials and Manufacturing organized by CAPE institute of Technology, Tirunelveli, pp-13, 11th-12th April 2013.

b. National Conferences:

1. **Karthikeyan.G**, Backia Abinaya.A, A review on health impact of electromagnetic radiation, one day national conference on Recent Innovations in Engineering and Science, Organized by Department of Computer science and Engineering, University College of Engineering, Pattukottai, 6th April 2018.
2. **Karthikeyan.G**, Jinu.G.R, Elatharasan.G, 2017, ‘Review of Recent Trends in Manufacturing Processes and property analysis of Magnesium Matrix Composites’ National Conference on Recent Advances in Science & Engineering (NCRASE2017), University College of Engineering, Pattukottai, pp. 61-71, 13th April 2017.
3. Manikandan.R, G. Elatharasan, **G.Karthikeyan**, 2017, ‘Influences of Tool Pin Profile and Mechanical Properties of AA6061-T6 welded joint by Friction stir welding’ National Conference on Recent Advances in Science & Engineering (NCRASE2017), University College of Engineering, Pattukkottai, pp. 8-15, 13th April 2017.
4. Krishnakumar.S.K, **Karthikeyan.G**, Creep Behaviour of Aluminium Alloy Zirconium Dioxide particulate MMC, 2nd National Conference on Materials and Mechanical Engineering, Organized by Dr.Mahalingam College of Engineering and Technology, Pollachi, May 2nd-3rd , 2014.
5. Ashok kumar.I, **Karthikeyan.G**, Jinu.G.R, Optimization & Machinability study of Aluminium Alloy MgO Metal Matrix Composites by DOE Method, National

- Conference on Advancements and Futuristic Trends in Mechanical Engineering, Anna University, BIT Campus, Trichirappalli, page 6-11, 21st & 22nd April 2014.
6. Manikandan.R, **Karthikeyan.G**, Comparative Study of Composite Materials by Multi-Particle Finite Element Method, National Conference on Advancements and Futuristic Trends in Mechanical Engineering, Anna University, BIT Campus, Trichirappalli, page 12-16, 21 & 22nd April 2014.
 7. Navaneetha Krishnan.M, **Karthikeyan.G**, “Workability behavior of copper-tungsten and Graphite composite, National conference on Advancements in Mechanical Engineering and Nano Technology” organized by PSN Engineering College, Tirunelveli, pp-75, 4-5th April 2014.
 8. Starlin Deve Prince.J, **Karthikeyan.G**, Velmurugan.K, Computation of Fracture Parameter Stress Intensity Factor For Centre Crack Specimen Using FEM Approach, Organized by National Conference on Racing Car Dynamics” Organized by Noorul Islam University, Kumaracoil, pp-153-158, 2nd April 2014.
 9. Viknesh.G, **Karthikeyan.G**, Design and Analysis of Tilting and Handling Fixture for CE-20 Engine, National Conference on Racing Car Dynamics, Organized by Noorul Islam Centre for Higher Education, pp.104-107, 2nd April 2014.
 10. Mathukumar.S, **Karthikeyan.G**, Jinu.G.R, Design and Analysis of Saddle used for Rocket Transportation system, National Conference on Racing car Dynamics Organized by Noorul Islam Centre for Higher Education, Kumaracoil, Thuckalay, pp-52-55, 2nd April 2014.
 11. Navaneetha Krishnan.M, **Karthikeyan.G**, “Compressibility study in copper-tungsten and Graphite composite, National Conference on Racing Car

- Dynamics” organized by Noorul Islam University, Kumaracoil, pp-93-97, 2nd April 2014.
12. Karthick Stephen.V, **Karthikeyan.G**, Jinu.G.R, “Mechanical analysis of hybrid natural fibre reinforced composite materials”, Eighth National Conference on Optimization Techniques in Engineering Sciences and Technologies Organized by Bannari Amman Institute of Technology, pp-37, 19-20th April 2013.
 13. Judes Lenin. X.L, **Karthikeyan.G**, Jinu.G.R, “Testing and Evaluation of Autofrettage in thick walled cylinder” Eighth National Conference on Optimization Techniques in Engineering Sciences and Technologies, Organized by Bannari Amman Institute of Technology, pp-35, 19-20th , April 2013.
 14. Leo Bright Singh, **Karthikeyan.G**, Jinu.G.R, “Reliability Analysis of Gearbox in Horizontal Axis wind turbine”, Eighth National Conference on Optimization Techniques in Engineering Sciences and Technologies, Organized by Bannari Amman Institute of Technology, Sathyamangalam, pp-34,19-20th , April 2013.
 15. Senthil.P, **Karthikeyan.G**, Appadurai.H and Loganathan.K, Design and Optimization of Material Conveying System in India Cements Ltd, National Conference on Recent Advances in Mechanical Engineering, National Engineering College, Kovilpatti, pp. 10, 16 & 17th April,2013.
 16. Sathiyamoorthy.D, **Karthikeyan.G**, Production and Characterisation of Metal Foam by Space Holder Method, National Conference on Recent advances in Mechanical Engineering, National Engineering College, Kovilpatti, pp-9,16 & 17th April,2013.
 17. Karthick.P, **Karthikeyan.G**, Microwave sintering and its Effect of Hybrid Copper Matrix Composite, National conference on Emerging Trends in

- Mechanical Engg. Organized by Satyam college of Engg & Technology, 12th April 2013.
18. Selvamani.K, **Karthikeyan.G**, Jinu.G.R, Microstructure and wear behaviour of Al6061/SiC/Red Mud composites”, National Conference on Emerging Trends in Mechanical Engg. Organized by Satyam college of Engg & Technology, 12th April 2013.
 19. Aarifmohamed.K, **Karthikeyan.G**, Jinu.G.R, Evaluation of Mechanical Properties of Hybrid Metal Matrix Composites, National conference on Emerging Trends in Mechanical Engg, Organized by Satyam college of Engg & Technology, 12th April 2013.
 20. Velmurugesan.R, **Karthikeyan.G**, Influence of Nickel and Alumina Particle Reinforcement on AZ91D Magnesium alloy, First National Conference on Research & Advances in Mechanical Engineering, Organized by P.S.R Engineering College, Sivakasi, 1st and 2nd March 2013.
 21. Moni.K.S, **Karthikeyan.G**, Manikandan.S.G.K, Effect of Surface Finish & Contact Pressure on Thermal Contact Resistance, National conference on Emerging Trends in Engineering Design, Organized by Government College of Engineering, Tirunelveli, pp-187-195, 27th Feb 2013.
 22. Goldin Priscilla.C.P, **Karthikeyan.G**, Computational Fracture Mechanics in the assessment of Leak Before Break, National conference on Emerging Trends in Engineering Design, Organized by Government College of Engineering, Tirunelveli, pp-147-153, 27th Feb 2013.
 23. Kanniah.P, **Karthikeyan.G**, Nagarajan.C, Ramesh.T, Design and Analysis of Thrust Measurement System for Sea Level Testing of High Thrust Rocket Engine, National conference on Emerging Trends in Engineering Design.

Organized by Government College of Engineering, Tirunelveli, 96-102, 27th Feb 2013.

24. Madasamy.M, **Karthikeyan.G**, Some Studies on Cold Upset Forming of Sintered Bronze Powder Preforms, National conference on Emerging Trends in Engineering Design. Organized by Government College of Engineering, Tirunelveli, pp-103-108, 27th Feb 2013.
25. Camilas Kishore.S, **Karthikeyan.G**, Aluminium Metal Matrix Composite Fabrication by Powder Metallurgy Method at Sintering Temperature above Aluminium Melting Point, ETME-2012 Organized by K.L.N college of Engineering.
26. Paul James Thadhani.J, **Karthikeyan.G**, Experimental Investigation of Magnesium Metal Matrix Composites Sintered at Various Temperatures, National Conference on Emerging Trends in Aerospace Technologies, Organized by Bannari Amman Institute of Technology, Sathyamangalam, 11th june 2012.
27. Ajishkumar.R, **Karthikeyan.G**, “Experimental Investigation On The Effect Of Reinforcement Particles On The Surface Roughness And the Mechanical Properties Of Aluminum Metal Matrix Composite”, 2nd National Conference on Recent Research in Mechanical Engineering (RRME’12), Organized by Adhiparasakthi Engineering College, Melmaruvathur – 603319. Pp-83-89, April 21, 2012.
28. Anumiah.V, **Karthikeyan.G**, Raja Manoker, Computer Aided Design Software Development For Designing Liquid Rocket Engine Supersonic Nozzle & Gas Flow Alaysis With NASA-SP125 A1-Engine & ISRO-GSLV Cryogenic Engine, National Conference on Expanding Frontiers in Propulsion Technology Organized by Aeronautical Society of India, Thiruvananthapuram, June 17-18, 2011.

29. Chinnadurai.K, **Karthikeyan.G**, Monoleaf spring by natural fiber composite material in National conference on Emerging Technologies, University Department Anna University of Technology, TVL, May 6th 2011.
30. Edwin Ramesh.L, **Karthikeyan.G**, W.Vinse Antro, Design and modeling of bell nozzle using semi cryo-fluid for high altitude test, National conference on Emerging Technologies, University Department Anna University of Technology, TVL, May 6th 2011
31. Ganesh.K.C, **Karthikeyan.G**, Dr.D.Raja Manohar, Design and analysis of fixture to maintain deflection of high area ratio nozzle, National conference on Emerging Technologies, University Department Anna University of Technology, TVL, May 6th 2011
32. Anumiah.V, **Karthikeyan.G**, Dr.Raja manohar, Computer aided design software Development for Designing Liquid Rocket Engine Supersonic Nozzle & Gas flow analysis with NASA-SP125 A1-engine & ISRO-GSLV Cryogenic Engine, National conference on “ Emerging Technologies”. University Department Anna University of Technology, TVL, May 6th 2011.
33. Ganesh.K.C, **Karthikeyan.G**, Dr.D.Raja Manohar, Deflection analysis of cryogenic engine test assembly, National Conference on Recent advances in Mechanical Engineering, NEC, Kovilpatti, 16 & 17th April, 2011.
34. Pushbakaran.M, **Karthikeyan.G**, Optimizing satisfactory cutting conditions in micro turning by designing and conducting experiments, National conference on “Advances in Mechanical Engineering, Mohamed Sathak Engg college, Kilakarai, pp. 210-224, 4th April 2011.

35. Ganesh.K.C, **Karthikeyan.G**, Dr.D.Raja Manohar, Deflection Analysis of Cryogenic Engine Test Assembly, National conference on Recent Advances in Mechanical Engineering Organised by Noorul Islam Centre for Higher Education, Kumaracoil, 1st-2nd April 2011.
36. Ganesh.K.C, **Karthikeyan.G**, Dr.D.Raja Manohar, Bell Nozzle Contour Generation and Deflection Analysis of Cryogenic Engine Test Assembly, National conference on Confluence of Design and Safety Engineers, Mepco Schlenk Engineering College, March 30, 2011.
37. Pushbakaran.M, **Karthikeyan.G**, Experimental Analysis and Optimization of Machining Conditions in Micro Turning of Stainless steel 316, National conference on Recent trends in Mechanical Engineering, Dr.Sivanthi Aditanar college of Engg, 25th March 2011.
38. Prabhakar VedaSironmani.C, **Karthikeyan.G**, Experimental Investigation of Wear Resistance on Al-SiC Composite Reinforced with Zn, National Conference on Recent trends in Mechanical Engineering, Dr.Sivanthi Aditanar College of Engg, 25th March 2011.
39. Chinnadurai.K, **Karthikeyan.G**, P.Sasikumar, Experimental Investigation of Semi Elliptical Spring by Natural Fibers, National conference on Recent trends in Mechanical Engineering, Dr.Sivanthi Aditanar college of Engg, 25th March 2011.

➤ **Professional recognitions:** (details like chairperson/member of a committee, reviewer, editor ...etc)

1. Zonal officer (Zone 3) for Urban Local body Election of Tamilnadu State Election Commission, (Adthirampattinam Municipality, Thanjavur District) conducted on Feb 2022 (19/02/2022).

2. Zonal officer (Zone 4) for Local body Election of Tamilnadu State Election Commission, (Pattukkottai union, Thanjavur District) conducted on December 2019 (30/12/2019).
3. Acted as a Subject Expert in the Staff Selection Committee for the recruitment of Assistant Professor in the Department of Aerospace in Periyar Maniammai Institute of Science & Technology university at thanjavur on 03/07/19.
4. Zonal officer (Zone 15) for Election commission of India, (173-Tiruvaiyaru assembly, 30-Thanjavur Parliament constituency) conducted on April 2019 (18/04/2019).
5. Counting supervisor for Election commission of India, (173-Tiruvaiyaru assembly, 30-Thanjavur Parliament constituency) conducted on May 2019 (23/05/2019).
6. Anna University, Chennai recognized supervisor (Ref No: 2920074) under the faculty of Mechanical Engineering (Lr.No: SUPR/27th /DB dated on 03.05.2017).
7. Reviewer of journal of advances in chemistry.
8. Editor Proceeding of one day National Conference on Recent Advances in Science & Engineering.
9. Reviewer of Journal of the Brazilian Society of Mechanical Sciences and Engineering.
10. Editorial board member MASK International Journal of Science and Technology.
11. Reviewer of Journal of Tribology in industry.

(A) Chairperson for conferences / Seminar / Technical symposia:

1. Technical Chairperson for National Level Technical Symposium 2K14 at University College of Engineering, Pattukkottai in the year of 2014, 2015, 2016, 2017, 2018 and 2019.
2. Technical Chairperson for National Level Technical Symposium Mechshatrax 2K15 at Anjalai Ammal Mahalingam Engineering College on 13th Feb 2015.
3. Technical Chairperson for National Level Technical Symposium Mechengenius 2K19 University College Of Engineering Thirukkuvalai on 09th March 2019.

(B) Guest lectures delivered:

Sl. No.	Position Held	Name Of The Event	Organization	Month & Year
1	Resource Person	Webinar on Research Scope on Composite Materials	SRM Madurai College for Engineering and Technology	24 th August 2023
2	Resource Person	Six days Faculty Development Programme On ME 8692-Finite Element Analysis	University College Of Engineering Nagercoil	03 rd December 2019
3	Resource Person	Faculty Development Programme On ME 8501 Metrology and Measurements	Government College Of Engineering sengipatti, thanjavur	13 th May 2019
4	Chief Guest	National Level Technical Symposium Mechengenius 2K19	University College Of Engineering Thirukkuvalai	09 th March 2019

5	Resource Person	Faculty Development Programme On CE 8395-strength of Materials for Mechanical Engineers	University College Of Engineering Nagercoil	November, 2018 (29.11.2018)
6	Resource Person	Faculty Development Programme On Engineering Graphics	University College Of Engineering Pattukkottai	May/June, 2018
7	Resource Person	Faculty Development Programme On Engineering Materials And Metallurgy	University College Of Engineering Pattukkottai	December, 2016
8	Chief Guest	National Level Technical Symposium Mechshatrax 2K15	Anjalai Ammal Mahalingam Engineering College	13 th Feb 2015
9	Resource Person	Training Programme On CAD/CAE	Regional Centre Of Anna University, Tirunelveli Region, Tirunelveli	March, 2013.