

RESUME

GANESH BABU.L
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<https://orcid.org/0000-0002-5931-3007>

OBJECTIVE:

To work in an innovative and challenging environment equipped with the state-of-art technologies that enhance my skill and knowledge. My desire and drive to succeed will be an asset, which I will contribute to the organization's growth and profitability.

EDUCATION DETAILS:

COURSE	INSTITUTION	UNIVERSITY/ BOARD	MONTH & YEAR OF PASSING	% OF MARKS / CGPA
M.E. (MECHATRONICS)	M.I.T, CHENNAI	ANNA UNIVERSITY, CHENNAI	APRIL 2010	6.84(CGPA)
B.E. (ELECTRONICS AND COMMUNICATION)	ADHIPARASAKTHI COLLEGE OF ENGINEERING.	ANNA UNIVERSITY, CHENNAI	APRIL 2007	69%
H.S.C	SRKM.HR.SEC SCHOOL, ARCOT.	STATE BOARD	MARCH 2003	68.8%
SSLC	GMMS, RANIPET.	MATRICULATION	MARCH 2001	63.94%

WORKING EXPERIENCE:

- I am working as **Head of the Department** in the Department of Mechatronics Engineering in the **Tishk International University, Erbil, IRAQ** during 17.09.2018 to Till Date.
- I am worked as **Assistant Professor** in the Department of Mechanical Engineering in the **Rajiv Gandhi College of Engineering, Chennai**, during 05.05.2014 to 14.09.2018.
- I worked as an **Assistant Professor** in the Department of Mechanical Engineering in the **Kings Engineering College, Chennai**, during 03.06.2013 to 28.04.14.

- I worked as a **Assistant Professor** in the Department of Mechanical Engineering in **Shri Sathagiri Institute of Technology, Ocheri**, during 01.06.2010 to 31.05.13.
- I worked as a **Part Time Lecturer** in the Department of Production Technology Engineering in **Madras Institute of Technology, Chennai** during 20.10.2008 to 29.04.10.
- I worked as a **Lecturer** in the Department of Electronics & Communication Engineering in **Saraswathi Velu College of Engineering, in Sholinghur**, during 13.06.2007 to 07.08.2008.

CO-CURRICULAR ACTIVITIES:

PAPER PUBLISHED IN SCOPUS JOURNAL & SOCIAL SCIENCE CITATION INDEX

International Journals Publish in Science Citation Index Expanded

1. P Sivasamy, S Harikrishnan, **L Ganesh Babu**, S Imran Hussain, S Kalaiselvam, “Improved thermal characteristics of Ag nanoparticles dispersed myristic acid as composite for low temperature thermal energy storage” *Materials Research Express*, ISSN: 2053-1591, Volume-6, Issue-8, May 2019, P.No 085066.
2. G Sai Krishnan, L S Jayakumari, **L Ganesh Babu** and G Suresh, “Investigation on the physical, Mechanical and Tribological properties of area sheath fibers for brake pad applications” *Materials Research Express*, ISSN: 2053-1591, Volume-6, Issue-8, June 2019, P.No 085109.
3. Dinesh Kumar , **Ganesh Babu L** and Sai Krishnan, “Study on mechanical & thermal properties of PCL blended graphene biocomposites” *Polímeros*, ISSN 1678-5169, Volume No 29, Issue-2, July 2019. <http://dx.doi.org/10.1590/0104-1428.05318>
4. S Manoharan, G Sai Krishnan, **L Ganesh Babu**, Vijay R and D Lenin Singaravelu, “Synergistic effect of red mud-iron sulfide particles on fade-recovery characteristics of non-asbestos organic brake friction composites” *Materials Research Express*, ISSN: 2053-1591, Volume-6, Issue-10, Aug 2019, P.No 105311.
5. B.K.Patle, **Ganesh Babu L**, Anish Pandey, D.R.K.Parhi, A.Jagadeesh, “A review: On path planning strategies for navigation of mobile robot, *Defence Technology*, ISSN 2214-9147, Volume 15, Issue 4, August 2019, Pages 582-606.
6. S Manoharan, Adnan Ibrahim Shihab, Ahmed Samir Anwar Alemdar, **L Ganesh Babu**, R Vijay and D Lenin Singaravelu, “Influence of recycled basalt-aramid fibres integration on the mechanical and thermal properties of brake friction composites”, *Materials Research Express*, ISSN: 2053-1591, Volume-6, Issue-11, September 2019, P.No 105310.

7. G Suresh, S Vivek, **L Ganesh Babu**, S Stephen Bernard, R M Akash, S K Rajesh Kanna, S Bharani Kumar and P Sethuramalingam “Evaluation of mechanical behaviour of carbon fiber reinforced nanoclay filled IPN matrix composite”, *Materials Research Express*, ISSN: 2053-1591, Volume-6, Issue-12, November 2019, P.No 125311.
8. Suresh Gopi, **Ganesh Babu Loganathan**, Bharani Kumar Sekar , Rajesh Kanna Krishnamoorthy , Vivek Sekaran and Akash Rajendran Mohan,” Influence of water absorption on glass fibre reinforced IPN composite pipes” *Polímeros*, ISSN 1678-5169, Volume No 29, Issue-3, November 2019.<http://dx.doi.org/10.1590/0104-1428.02818> .
9. T. Muthuramalingam & D. Saravanakumar & **L. Ganesh Babu** & Nguyen Huu Phan & Vu Ngoc Pi,” Experimental Investigation of White Layer Thickness on EDM Processed Silicon Steel Using ANFIS Approach” *Silicon*, Springer ISSN 1876-9918, Volume No 11, Issue-4, November 2019. <https://doi.org/10.1007/s1263>.
10. Gaurav Sharma, A. Rajesh, **L. Ganesh Babu** and E. Mohan, “Three-Dimensional Localization in Anisotropic Wireless Sensor Networks Using Fuzzy Logic System”, *Ad Hoc & Sensor Wireless Networks*, ISSN: 1552-0633, Volume-45, Issue-1, November 2019, P.No 29-57.
11. **Ganesh Babu Loganathan**,” Influence of benzoyl chloride treatment on the tribological characteristics of Cyperus pangorei fibers based non-asbestos brake friction composites”, *Materials Research Express*, ISSN: 2053-1591, Volume-7, Issue-1, Jan 2020, P.No 015303.
12. C Sivakandhan, **Ganesh Babu Loganathan**, G Murali, P Suresh Prabhu, S Marichamy, G Sai Krishnan and Raghuram Pradhan,” Material characterization and unconventional machining on synthesized Niobium metal matrix”, *Materials Research Express*, ISSN: 2053-1591, Volume-7, Issue-1, Jan 2020, P.No 015318.
13. G Sai Krishnan, **L Ganesh Babu**, P Kumaran, G Yoganjaneyulu and Jeganmohan Sudhan Raj,” Investigation of Caryota urens fibers on physical, chemical, mechanical and tribological properties for brake pad applications”, *Materials Research Express*, ISSN: 2053-1591, Volume-7, Issue-1, Jan 2020, P.No 015310.
14. G Sai Krishnan, **L Ganesh Babu**, Raghuram Pradhan and S Kumar, “Study on tribological properties of palm kernel fiber for brake pad applications”, *Materials Research Express*, ISSN: 2053-1591, Volume-7, Issue-1, Jan 2020, P.No 015102.

International Journals Publish in Scopus indexed

1. **Ganesh Babu Loganathan**, Dr.E.Mohan “High Quality Intelligent Database Driven Microcontroller Based Heartbeat Monitoring System”, *International Journal of Engineering & Technology*,(UAE) ISSN (P): 2227-524X; Vol. 7, Special Issue 6, SEPT 2018, P.No. 472-476.

2. **Ganesh Babu Loganathan**, “Design and Development of PIC Microcontroller Based Vehicle Monitoring System Using Controller Area Network (CAN)”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2249-8001 Vol. 8, Special Issue 3, Dec 2018, P.No. 724-729.
3. **Ganesh Babu Loganathan**, “An Identical Machine-Adaptive Algorithm Based Block chain Process And Predicting Secret Data From Hacking in Computer Numerical Control Applications”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 9, Special Issue 1, Jan 2019, P.No. 510-522.
4. **Ganesh Babu Loganathan**, Dr.E.Mohan, R.Siva Kumar” IOT Based Water And Soil Quality Monitoring System”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 10, Issue 02, February 2019, P.No 537–541.
5. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, K. Saravanan, S. RajendraKumar, “Outcome of the Coating Thickness on the Tool Act and Process Parameters When Dry Turning Ti–6Al–4V Alloy: GRA Taguchi & ANOVA”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019, P.No 419-423.
6. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, K. Saravanan, “Impact of Point Angle on Drill Product Quality and Other Responses When Drilling EN- 8: A Case Study of Ranking Algorithm” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019, P.No 280-282
7. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, K. Saravanan, S. RajendraKumar, “Multi-Response Enhancement of Drilling Process Parameters for AM 60 Magnesium Alloy as per the Quality Characteristics utilizing Taguchi-Ranking Algorithm and ANOVA”, International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-4, February 2019, P.No 437-440.
8. S. Ashok Kumar, **Ganesh Babu Loganathan**, P.R. Shobana Swarna Ratna, G. Balakumaran, S.P. Sundar Singh Sivam, “Determination of Taguchi Grey Relation Analysis to Influence the Tool Geometry and Cutting Parameters of the Ti-6Al-4V Alloy to Achieve Better Product Quality” International Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-5, March 2019, P.No 212-217.
9. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, P.R. Shobana Swarna Ratna, G. Balakumaran, “Improvement of Product Quality by Process Parameter Optimization of AISI 1050 by Different Heat Treatment Conditions: Ranking Algorithm and ANOVA” International

Journal of Innovative Technology and Exploring Engineering (IJITEE) ISSN: 2278-3075, Volume-8 Issue-5, March 2019, P.No 30-35.

10. **Ganesh Babu Loganathan**, S. Kalyan Kumar, S.P. Sundar Singh Sivam, K. Saravanan, S. RajendraKumar,” Experimental Investigation and Optimization of Wire Cut EDM Parameters for Performance Measures of Heat Treated SS304: Ranking Algorithm and Anova Approach” International Journal of Recent Technology and Engineering (IJRTE) ISSN: 2277-3878, Volume-7, Issue-6, March 2019, P.No 54-58.
11. C.Sivakandhan, R.Balaji, **Ganesh Babu Loganathan**, D.Madan, G.Murali, “Investigation of mechanical behaviour on sponge/ridge gourd (*Luffa aegyptiaca*) natural fiber using epoxy and polyester resin”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, MAY 2019, pp. 705-714.
12. S.P. Sundar Singh Sivam , **Ganesh Babu Loganathan** , V.G. Umasekar , P.S. Suresh Kumar and Saravanan Raja, “Study on Microstructural Characteristics and Mechanical Behaviour of AISI1050 Steel under Various Heat Treatments” International Journal of Vehicle Structures & Systems (IJVSS) ISSN: 0975-3060, Volume-11, Issue-1, May 2019, P.No 15-20.
13. S.P. Sundar Singh Sivam , **Ganesh Babu Loganathan** , K. Saravanan , V.G. Umasekar and S. Rajendrakumar,” Numerical Evaluation and Influence of Product Quality and its defects Measures on the drawing of Stainless Steel Cross Member for Automobiles” International Journal of Vehicle Structures & Systems (IJVSS) ISSN: 0975-3060, Volume-11, Issue-1, May 2019, P.No 107-112.
14. S.P. Sundar Singh Sivam, V.G. Umasekar, **Ganesh Babu Loganathan**, D. Kumaran and S. Rajendrakumar, “ Multi Response Optimization of Setting Process Variables in Face Milling of ZE41 Magnesium Alloy using Ranking Algorithms and ANOVA” International Journal of Vehicle Structures & Systems (IJVSS) ISSN: 0975-3060, Volume-11, Issue-1, May 2019, P.No 47-56.
15. S.P. Sundar Singh Sivam, K. Saravanan, **Ganesh Babu Loganathan**, D. Kumaran and S. Rajendrakumar, “Root Cause Analysis for Failure of Door Lock Case Assembly during Caulking Process” International Journal of Vehicle Structures & Systems (IJVSS) ISSN: 0975-3060, Volume-11, Issue-1, May 2019, P.No 11-14.
16. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, K. Saravanan, V.G. Umasekar and T.P. Mohammed Rameez, “Optimization of Passenger Car Door Impact Beam using Quasi Static CAE Analysis” International Journal of Vehicle Structures & Systems (IJVSS) ISSN: 0975-3060, Volume-11, Issue-1, May 2019, P.No 21-26.
17. G. Sai Krishnan , **L. Ganesh Babu** & N. Siva Shanmugam “Experimental investigation of wear behaviour of A356-TiB2 metal matrix composites”, International Journal of Mechanical and

Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 9, Issue 3, June 2019, P.No. 1353-1362.

18. **L. Ganesh Babu**, G. Sai Krishnan , & N. Siva Shanmugam “Microstructural and corrosion studies by immersion in 3.5wt % NACL environment on Mg-6Al-1Zn-xca ALLOY with Ca addition and aged at different temperatures”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN(P): 2249-6890; ISSN(E): 2249-8001 Vol. 9, Issue 3, June 2019, P.No. , 1553-1562.
19. **Ganesh Babu Loganathan**, S. P. Sundar Singh Sivam , V. G. Umasekar and Saravanan K.” Development and influence of setting variables in single point incremental sheet metal forming of AA 8011 using ranking algorithm”, ARPN Journal of Engineering and Applied Sciences, ISSN 1819-6608, Vol. 14, Issue No. 10, MAY 2019, P.No. , 1842-1849.
20. **Ganesh Babu Loganathan**, “Vanet Based Secured Accident Prevention System”, International Journal of Mechanical Engineering and Technology (IJMET), 0976-6340, Volume 10, Issue 06, June 2019, pp. 285-291.
21. Vasanth , S., Muthuramalingam T. and **Ganesh Babu L**, “Multi Criteria Decision Making of Power Diode Based Process Parameters in Laser Beam Machining using Taguchi–Dear Methodology”, ATINER Conference Paper Series No: MEC2019-2653. ISSN: 2241-2891
22. **Ganesh Babu Loganathan**, “Can Based Automated Vehicle Security System”, International Journal of Mechanical Engineering and Technology (IJMET), ISSN 0976-6340, Volume 10, Issue 07, July 2019, pp. 46-51.
23. Sundar Singh Sivam, SP, **Ganesh Babu Loganathan**, Saravanan K, VG Umasekar, “Experimental Study and Ignition Fire Risk Mapping on Friction Stir Welding Parameters of Dissimilar Alloys for the Benefits of Environment”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, July 2019, pp. 342-346.
24. R.Arivazhagan, S.Arun Prakash, P.Kumaran, S.Sankar, **Ganesh Babu Loganathan**, A.Arivarasan, “Performance analysis of concrete block integrated with PCM for thermal management” ”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, July 2019, pp. 370-374
25. S.P. Sundar Singh Sivam , **Ganesh Babu Loganathan**, D. Kumaran, K. Saravanan, S. Rajendra Kumar, “Performance Evaluation of Yield Function and Comparison of Yielding Characteristics of SS 304 in Annealed and Unannealed Conditions ”, Materials Science Forum, ISSN 1662-9752,, Volume 969, Aug 2019, PP.637-643.
26. R.Arivazhagan, N.B.Geetha, P.Sivasamy, P.Kumaran, M.Kumara Gnanamithra ,S.Sankar, **Ganesh Babu Loganathan**, A.Arivarasan, “Review on performance assessment of phase

- change materials in buildings for thermal management through passive approach” *Materials Today: Proceedings*, ISSN 2214-7853, Volume 22, Issue 03, Aug 2019, pp. 419-43.
27. S.P. Sundar Singh Sivam , **Ganesh Babu Loganathan**, D. Kumaran, K. Saravanan, S. Rajendra Kumar, “Analysis of Product Quality Through Mechanical Properties and Determining Optimal Process Parameters of Untreated and Heat-Treated AISI 1050 Alloy during Turning Operation”, *Materials Science Forum*, ISSN 1662-9752, Volume 969, Aug 2019, PP.876-881.
28. A.Devaraju, P.Sivasamy, **Ganesh Babu Loganathan**, “Mechanical properties of polymer composites with ZnO nano-particle”, *Materials Today: Proceedings*, ISSN 2214-7853, Volume 22, Issue 03, September 2019, pp. 531-534
29. Muralikrishna, MVV, Kumari, TSA Surya, Gopi, R, **Ganesh Babu Loganathan**, “Development of mechanical properties in banana fiber composite”, *Materials Today: Proceedings*, ISSN 2214-7853, Volume 22, Issue 03, September 2019, pp. 541-545.
30. R.Gopi, Saravanana, A.Devaraju, **Ganesh Babu Loganathan**, “Investigation of shot peening process on stainless steel and its effects for tribological applications” *Materials Today: Proceedings*, ISSN 2214-7853, Volume 22, Issue 03, September 2019, pp. 580-584.
31. Dhanraj. S, Dr.Harish, R.Gopi and **Ganesh Babu Loganathan**, “An Efficiency Study on Water Extraction from Air Using Thermophoresis Method”, *IOP Conf. Series: Materials Science and Engineering*, ISSN 1757-8981, September 2019. PP.012003.
32. R.Sujith Kumar, G.Swaminathan, **Ganesh Babu Loganathan**, “Design and analysis of composite belt for high rise elevators”, *Materials Today: Proceedings*, ISSN 2214-7853, Volume 22, Issue 03, Oct 2019, pp. 663-672.
33. Sundar Singh Sivam ,**Ganesh Babu Loganathan**, Durai Kumaran, Krishnaswamy Saravanan, and Harish Sriram, “Taguchi Based Vikor Method for Optimization of Cutting Parameters for Improving the Efficiency in Machining Process by Considering the Effect of Tool Nose Radius” *SAE Technical Papers*, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-11. <https://doi.org/10.4271/2019-28-0138>.
34. Muthuramalingam Thangaraj, **Ganesh Babu Loganathan**, Akhtar Atif, Srinivasan Palanisamy, “Multi Response Optimization on Machining Titanium Alloy Using Taguchi-DEAR Analysis in Abrasive Water Jet Cutting” *SAE Technical Papers*, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-5. <https://doi.org/10.4271/2019-28-0070>.
35. **Ganesh Babu Loganathan**, Krishnaswamy Saravanan, Raj Rajendran, Sundar Singh Sivam Durai Kumaran,,” Investigation of Setting Input Process Parameters for Getting Better Product Quality in Machining of AM60 Magnesium Alloy - TOPSIS and ANOVA Approach”. *SAE Technical Papers*, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-10. <https://doi.org/10.4271/2019-28-0136>.

36. Sundar Singh Sivam, **Ganesh Babu Loganathan**, Durai Kumaran, Krishnaswamy Saravanan, Raj Rajendran, Harish Sriram, “Function of Taguchi Grey Relation Analysis for Influencing the Process Parameter for Getting Better Product Quality and Minimize the Industrial Pollution by Coolants in Turning of Ti-6Al-4V Alloy”, SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-7. <https://doi.org/10.4271/2019-28-0065>.
37. Sivam Sundarlingam Paramasivam, **Ganesh Babu Loganathan**, Krishnaswamy Saravanan, Durai Kumaran, and Raj Rajendran, “A Study on Mechanical Properties and Multi Response Optimization of Process Parameters for Showing Signs of Improvement Product Quality in Drilling AlSi7Cu4 Utilizing GRA in Taguchi Method” , SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-7. <https://doi.org/10.4271/2019-28-0058>.
38. **Ganesh Babu Loganathan**, Durai Kumaran, Sundar Singh Sivam , Krishnaswamy Saravanan, and Raj Rajendran, “Improvement of Mechanical Properties, and Optimization of Process Parameters of AISI 1050 Spheroidized Annealed Steel by Ranking Algorithm” , SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-12. <https://doi.org/10.4271/2019-28-0143>.
39. S.P. Sundar Singh Sivam, **Ganesh Babu Loganathan**, D. Kumaran, K. Saravanan, S. Rajendra Harish Sriram, “Optimization of Machining Process Parameters for Minimizing the Waste Stream Response through Multi-Objective Optimization”, SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-10. <https://doi.org/10.4271/2019-28-0062>.
40. Sundar Singh Sivam, Durai Kumaran, **Ganesh Babu Loganathan**, Krishnaswamy Saravanan Raj Rajendran ,Harish Sriram, “Development and Influence of Setting Process Variables in Single Point Incremental Sheet Metal Forming of AA 8011 Using Complex Proportional Assessment and ANOVA” , SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-11. <https://doi.org/10.4271/2019-28-0064>.
41. **Ganesh Babu Loganathan**, Sundar Singh Sivam, Durai Kumaran, Krishnaswamy Saravanan, and Raj Rajendran, “Experimental Study on Verification of Alloy ASTM A510 High-Speed Micro Turning by Parameters Validation through Ranking Algorithm” , SAE Technical Papers, ISSN 0148-7191, Volume 12, Issue-02, Oct 2019, PP.1-08. <https://doi.org/10.4271/2019-28-0071>.
42. Selvam .R, **GaneshBabu Loganathan**, “Product detail and analysis of hydraulic quick releasing coupling”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, NOV 2019, pp. 751-755.

43. P.Lokesh, T.S.A.Surya Kumari, R.Gopi, **GaneshBabu Loganathan**, “A study on mechanical properties of bamboo fiber reinforced polymer composite”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, DEC 2019, pp. 897-903.
44. T. Muthuramalingam, **L. Ganesh Babu**, K. Sridharan, T. Geethapriyan, K. P. Srinivasan, “Multi-response Optimization of WEDM Process Parameters of Inconel 718 Alloy Using TGRA Method” , Lecture Notes in Networks and Systems, Springer Nature Switzerland, Volume 104, Dec 2019, PP.487-492. 0. https://doi.org/10.1007/978-3-030-37497-6_56.
45. K. Rajendra Prasad, V. ManojKumar, G.Swaminathan, **Ganesh Babu Loganathan**, “Computational investigation and design optimization of a duct augmented wind turbine (DAWT)”, Materials Today: Proceedings, ISSN 2214-7853, Volume 22, Issue 03, JAN 2020, pp. 1186-1191.

KEYNOTE SPEAKER IN A CONFERENCES:

1. Delivered a Keynote speech on “**Mobile Cloud Computing**” in International Conference held in Adhi College of Engg & Technology, Near Walajabad, Kanchipuram (Dt), Tamilnadu, December -2018.
2. Delivered a Keynote speech on “**Micro electro Mechanical Systems Design & Fabrication**” in IEEE International Conference held in Saveetha Engineering College, Chennai, Tamilnadu, March -2019.
3. Delivered a Keynote speech on “**Recent Trends in Material Science**” in National Conference held in Rajalakshmi Institute of Technology, Chennai, Tamilnadu, March -2019.

CHIEF GUEST IN A CONFERENCE:

1. Acted as Chief Guest in the Seventh International Conference on “**Design and applications of Structures Drives, Communicational and Computing Systems**” held in K.L.N.College of Information Technology, Madurai, Tamilnadu, March -2019.

PATENT:

1. Dr. E. MOHAN, Dr. M.Venkatesan, **Mr.Ganesh Babu Loganathan**, Dr. P. Esther Rani, Dr. Gaurav Sharma, Ms.Sravani G, “GSM Based Real Time Energy Management System”, Patent number 48807, Application number :201941039270 A.
2. Mr.G.Sai Krishnan, **Mr.Ganesh Babu Loganathan**, Ms.R.Abishega, “Perfume Bottle With Biometric” Application number : 325593-001.

TRAINING ACTIVITIES:

- Undergone Three days Faculty development Program on Finite Element Analysis in Rajalakshmi Engineering College.
- Undergone One week Faculty development Program on Engineering Mechanics in University College of Engineering, kanchipuram.
- Undergone two week in-plant training in GREAVES India limited at Ranipet, T.N.
- Undergone two week in-plant training in BSNL at Ranipet, T.N.
- Undergone two week training in “Industrial Automation with Drives and PLCs (Delta Plc) - 2 Modules”, ATI Guindy Chennai. T.N.
- Undergone two week training in “PLCs in Hydraulics and Pneumatics Control System”, ATI Guindy Chennai. T.N.

PAPER PRESENTED AND WORKSHOP:

- I attended one day workshop on “Circuit Simulation Using Multisim Software”, K.S.R.Engineering, Tiruchengode.
- I attended two day workshop on” Advances in Lean Manufacturing & Applications “M.I.T, Anna University, Chennai.
- Presented a paper in National Conference on “Signals, Communication & Computing”, in Adhiparasakthi college of Engineering, Vellore.
- Presented a paper in National Conference on” Recent Innovations in Production Engineering". In M.I.T. Anna University, Chennai.

EXTRA-CURRICULAR ACTIVITIES:

- I working as Admission committee member in Rajiv Gandhi College of Engineering, I worked as Kings Engineering College, Shri Sathagiri Institute of Technology and Saraswathi Velu College of Engineering.
- I working for various committees Organizer in the Department like ISO coordinator, NBA Coordinator, Special Workshops, National Seminars, National Level Technical Symposium, and National Level Conference.
- I working as Deputy Hostel Warden in Rajiv Gandhi College of Engineering, I worked as Hostel Warden Shri Sathagiri Institute of Technology.
- I worked as Anna University Exam Cell Coordinator in Rajiv Gandhi College of Engineering, Shri Sathagiri Institute of Technology & Kings Engineering College.
- I worked as Assistant Anna University exam cell coordinator in Saraswathi Velu College of engineering for December 2007- April 2008.

- I worked as various AICET and Anna University works in colleges.
- Class in-charge for final year mechanical students for every year.
- I got award and rewards in college for giving good result in academic work and teaching.
- I am project guide for B.E MECHANICAL Engineering students.

SUBJECTS HANDLED

- Mechatronics.
- Robotics.
- Engineering Graphics.
- Engineering Mechanics.
- Theory of Machinery.
- Production Planning and Control
- Advance Maths.
- Finite Element Analysis
- Signals & Systems
- Digital signal processing.
- Advance Control Systems.
- Microprocessor & Microcontroller.
- Micro Electro Mechanical Systems

ACHIEVEMENTS:

Teaching :

- Got 92%, 86%, 83% result for Mechatronics, Got 85% result for Robotics.
- Got 78 % result in Dynamics of Machinery.
- Got 100% result for Automobile Engineering, & Digital signal processing,
- Got 82%, 76% result in Engineering Graphics.
- Got 80% result for Engineering Mechanics, & Control Systems.

PROJECT DETAILS:

MAIN PROJECT:

TITLE : AIRPORT SECURITY USING RFID.

PLATFORM : MICROCONTROLLER, MAT LAB.

TITLE : DESIGN AND IMPLEMENTATION OF FEED BACK CONTROL IN MACHINING PROCESS BY USING NON-CONTACT TEMPERATURE SENSOR.

PLATFORM : PIC MICROCONTROLLER.

MINI PROJECT:

TITLE : DESIGN AND FABRICATION OF TRR ROBOT ARM FOR DRILLING MACHINE.

PLATFORM : MICROCONTROLLER.

TECHNICAL SKILLS:

Language : C, C++,

Software Know to work: MAT LAB, Auto Sim. Lab View,

Operating System: Windows XP, MS-Office, and UNIX

PERSONAL INFORMATION

Father's Name : C.Loganathan

Date of Birth : 27 June 1986

Gender : Male

Marital Status : Married

Languages Known : Tamil, English.

Permanent Address : No.6/47, New Street, Navalpure, Ranipet,
Vellore Dt., 632 402. Tamilnadu,

Mobile : +91-9894899918

E-Mail ID : **ganeshbabume@yahoo.com**

Expecting Salary :As Per Your Norms

I hereby declare that the information furnished above is true to the best of my knowledge and belief.

Place:Ranipet

Date:

Your's Faithfully,

(GANESH BABU.L)