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CURRICULUM VITAE

V.M.ILLAYARAJA MUTHAIYAA

Teaching fellow

Department of Automobile Engineering

UCE –BIT Campus, Tiruchirappalli 620 024

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➤ **Research Area:**

- welding
- powder metallurgy

➤ **Educational Qualifications:**

Qualification	College/University	Year of completion	Percentage	Class
Ph.D. (specialization)	ANNA UNIVERSITY	DOING	-	-
PGDCM	ALAGAPPA UNIVERSITY	2020	75	FIRST
MBA(Hr)	ALAGAPPA UNIVERSITY	2014	75	FIRST
M.E (PRODUCTION ENGINEERING)	ANNA UNIVERSITY	2012	68	FIRST
B.Tech(Automobile engineering)	BHARTHIDASAN UNIVESRITY	2009	70	FIRST

Nameofthe Organization	Designation	Period		Natureof Work	TotalExperience	
		From	To		Yea rs	Months
JeyaramPolytec hnicCollegeThu raiur	Lecturer	22-10-2009	04-12-2009	Teaching	1Y ear s	-
PentaCAD, Branchoffice, MTK Technologies, Bharathiyar Salai,Trichy	CAD Trainer (Parttime)	Oct 2009	March2010	CAD Trainer (Parttime)	-	6Months

Shivani InstituteOf TechnologyThiruchir appalli	Assistant professor	25-06-2012	20-12-2012	Teaching	-	6Months
University Collegeof Engineering ,Pattukottai, Rajamadam	Teaching Fellow	21-12-2012	23-01-2019	Teaching	7Y ear s	-
University Collegeof Engineering- Trichy	Teaching Fellow	24-1-2019	30-6-2019	Teaching	-	6 months
Collegeof Engineering, Guindy-Anna	Teaching Fellow	21-12-2019	20-12-2021	Teaching	2Y ear s	-
University Chennai	Teaching Fellow					7 months
University Collegeof Engineering- Trichy		21-12-2022	TillDate	Teaching	-	
TOTALEXPERIENCE					12Yearsand1Months	

➤ **Awards / Honours Received:**

1. NIL

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

1. NIL

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

1. NIL

2. NIL

➤ **Fellowships and Grants received:**

➤ NIL

➤ **Completed PG/UG Projects:**

a. Number of PG Projects Completed: NIL

b. Number of UG Project Completed: NIL

➤ **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.	-	-	-	-

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

Sl. No	Name of the scholar	Tentative Title of the thesis	Year of registration	Status
1.	NIL	-	-	-

➤ **Publications:**

a. **Books / book chapters:**

1. NIL

b. **International Journals:**

	(A) <u>INTERNATIONAL AND NATIONAL JOURNALS</u> (07Nos) 1. Ilayaraja Muthaiyaa.V.M, Dr. T. Parameshwaranpillai., G. Elatharasan., "Design optimization
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of connecting rod in Heavy Commercial vehicles”, Journal of chemical and Pharmaceuticalsciences,ISSN:0974-2115,January-march2016,Volume 9Issue No.01.

2. A.Asuvaran, Dr.G.Elatharasan., **V.M. Illayaraja Muthaiyaa**, “Back propagation Model forestimatingcommunicationNetworkReliability”,JournalofChemicalandPharmaceuticalScienc es,ISSN:0974-2115,January-march2016,Volume 9IssueNo.01.
3. R.Ramkuamr, R.K.Harish,T.Then Thiruppathi, **V.M. Illayaraja Muthaiyaa**, “Diagnosis ofDielectricCharacteristicsoffilmCapacitorwithnanofillers”,JournalofChemicalandPharmaceutic alSciences,ISSN:0974-2115,January-march2016,Volume 9 IssueNo.01.
4. G. Elatharasan, **V.M. Illayaraja Muthaiyaa**, “Design and Analysis of turbo system in FourWheeler”, Journal of chemical and Pharmaceutical Sciences, Special Issue 6, March 2015,pp145-147.
5. S.Baskaran,V.Anandakrishnan,MuthukannanDuraiselvam,S.Raghuraman,**V.M.IllayarajaMutha iyaa**,“Taguchigrey relationalanalysisofdry slidingwearbehaviorofannealedAA7075-Ticmetal,matrixcomposites”,JournalofAppliedMechanicsandmaterials,volume 541-542,year2014,ISSN:1662-7482,pp258-262
6. **Illayaraja Muthaiyaa V.M.**, Elatharasan G. & Krishnamoorthy. A., 2014, “ Copper Slag”,JournalofChemicalandPharmaceuticalSciences,SpecialIssue 4:December2014,pp18-19.
7. A. Krishnamoorthy P. Sakthivel, I. Devadoss , **V.M. Illayaraja Muthaiyaa**Structural, morphologicalandphotoluminescencecharacteristicsofCd0.9-xZn0.1Quantumdots:EffectofFe²⁺ion.

InternationalJournalforLightandElectronOptics 205(2020)164220

(B) INTERNATIONAL AND NATIONAL CONFERENCES

International Conferences

(01 No)

1. **V.M.IllayarajaMuthaiyaa**,Dr.G.Elatharasan&T.Thenthiruppathi,2015,“AnExperimental Investigation of High Strength Reactive Powder Concrete with Steel Fibre”,InternationalConferenceonSustainableEnergySystemsandEnergyManagement(SESEM’2015),DepartmentofMechanicalEngineering,BharathidasanInstituteofTechnology,AnnaUniversitythiruchirappalli-620024.

National Conferences

(08 Nos)

1. **Illayaraja Muthaiyaa.V.M**, Elatharasan.G & Velumurugan. B, 2014, “ Piston coating forimprovingSIEnginePerformance”,NationalConferenceonInnovationsinEngineeringDesign, Department of Automobile Engineering, Bharathidasan Institute of Technology, “AnnaUniversityThiruchirpapalli-620024.

2. **IllayarajaMuthaiyaa.V.M&Elatharasan.G**,“DesignandFabricationofBoreWellpipe

slotting Machine”, national Conference on Advances in Materials (AIM-14) Materials and Research Division, University College of Engineering Nagercoil, Anna University Nagercoil-629004.

3. **Ilayaraja Muthaiyaa.V.M**, Elatharasan.G & Vishnu priya.M, “Waste management”, National Conference on Advances in applied Chemical Sciences and Materials Technology (ACSMT2014), Department of Chemistry, Bharathidasan Institute of Technology, “Anna University Thiruchirappalli-620024.
4. Elatharasan.G., **Ilayaraja Muthaiyaa. V.M.**, “Development of a technique for the Prevention of Heat Loss in Coal Carrying Pipes and Heat Transfer Analysis by ANSYS”, National Conference on Advances in Applied Chemical sciences and Materials Technology (ACSMT2014), Department of Chemistry, Bharathidasan Institute of Technology, “Anna University Thiruchirappalli-620024.
5. Gowtham.S., Elatharasan.G., Vinothkumar.M., **Ilayaraja Muthaiyaa. V.M.**, “**Rain detection and wiper motor control**”, National Conference on Advances in Applied Chemical sciences and Materials Technology (ACSMT2014), Department of Chemistry, Bharathidasan Institute of Technology, “Anna University Thiruchirappalli-620024.
6. **Elamaran.P, Srivatsun.G, Ilayaraja Muthaiyaa V.M.**, “Design and analysis of the Dualband Hybrid branch line Coupler” Volume 01 Issue 04 2016 Special Issue for “National conference on Engineering Design and Analysis” (NCEDA’16), Trichy, India.
7. **Ilayaraja Muthaiyaa.V.M**, Elatharasan.G, “Face Recognition 3d Model”, National Conference on Computational Intelligence and Fuzzy System, Department of Mathematics, Bharathidasan Institute of Technology, “Anna University Thiruchirappalli-620024.
8. **Ilayaraja Muthaiyaa.V.M**, Dr.T.Parameshwaran pillai., G.Elatharasan., “Analysis the capacity of Electric turbocharger for 1.4 litre Diesel Engine”, National Conference on Computational Intelligence and Fuzzy System, Department of Physics, Bharathidasan Institute of Technology, “Anna University Thiruchirappalli-620024

➤ **Patents:**

➤ **Sponsored Research Projects:**

Sl.No	Name of the project	Funding agency	Project value (Rs.)	Duration	Status

➤ **Consultancy Activities:**

Sl.No	Name of the work	Role (PI/Co PI)	Agency	Amount	Duration

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

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➤ **List of Seminar / Short Term Course /FDP/ Workshopattended:**

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

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

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

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(B) Guest lectures delivered:

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