


| A1 | Personal Details | |
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| Mr.A.KAMALAKKANNAN,DPE,BE, M.E., | |  |
| Assistant Professor | | |
| Department of Mechanical Engineering. | | |
| Knowledge Institute of Technology, Salem - 637 504. India. | | |
| Ph: +91-9578048664 / +91-99500008350 | | |
| Email id: akmech@kiot.ac.in , kamal03cc@gmail.com | | |

| A2 | Areas of Interest |
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| A3 | Subject Taught | |
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| UG | | |
| Engineering Graphics | Design Of Machine Elements | |
| Manufacturing technology -I | Design Of Transmission Systems | |
| Manufacturing technology -II | Computer Integrated Manufacturing Systems | |
| Processes Planning and Cost Estimation | Professional Ethics in Engineering | |

| A4 | Academic Background | | | |
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| Degree | Specialization | Name of the Institute | University | Month and Year of Passing |
| M.E. | CAD/CAM | Bannari Amman Institute of Technology, Sathyamangalam | Anna University, Chennai. | 2014 |
| B.E. | Production Engineering | Government College of Technology, Coimbatore. | Anna University, Coimbatore. | 2011 |
| Diploma. | Production Engineering | Rajaji Institute of Technology, Salem | DOTTE | 2008 |

| A5 | Work Experience as on Jun 2019 | | |
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| Name of the Institution | Position | From | To |
| Knowledge Institute of Technology, Salem | Assistant Professor | June 2014 | Present |
| Thiagarajar Polytechnic College,Salem | Lecturer | November 2011 | April 2012 |

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| Total Experience | 9.02 Years | Teaching | 9.02 Years | Research | Nil | Industry | Nil |
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| A6 | | Research Publications | | | | |
|--|---|-----------------------|--------------------------|---------------------|-------|----|
| Total Number of Publications | International Journal | National Journal | International Conference | National Conference | Total | |
| | | 11 | - | 03 | 03 | 17 |
| Publications (Journals) | | | | | | |
| 1. | Published a research paper entitled "Design And Fabrication Of Free Energy Generator" IJATERT ISSN: 2456 - 4664, Special Issue, pp: 19-20 Nov 2019. | | | | | |
| 2. | Published a research paper entitled "Design And Fabrication Of Paddy Harvester Using Solar Panel", International Journal of Advanced Research in Management, Architecture, Technology and Engineering (IJARMATE), Vol 4, Issue VIII, Pages 46-48, 2018/8 | | | | | |
| 3. | Published a research paper entitled "Automatic Side-Stand Retrieve System", International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol 4, Issue 8, Pages90-92, 2018/8. | | | | | |
| 4. | Published a research paper entitled "Dual Ram Shaping Machine", International Journal of Advanced Research in Basic Engineering Sciences and Technology (IJARBEST), Vol 3, Issue 36,pages 52-56,2017/5 | | | | | |
| 5. | Published a research paper entitled "Automatic Rain Window System", ADVANCES In Natural And Applied Sciences, Vol.11, Issue 4, pages 507-512, 2017/4 | | | | | |
| 6. | Published a research paper entitled "Process parameters optimization to reduce the sand casting defects", Advances in Natural and Applied Sciences, Vol.10, Issue 9, pages 37-42, 2016/6/15. | | | | | |
| 7. | Published a research paper entitled "failure mode and effect analysis on aluminum fluoride plant in greenstar fertilizers International Journal of Applied Engineering Research (IJAER), Volume 10, Issue 50, pages 842-852,2015 | | | | | |
| 8. | Published a research paper entitled "Design Of Semi-Automatic Mobile Fire Fighting System To Control Fire At Ceiling Height", International Journal of Applied Engineering Research, Volume 10, Issue 50, pages 323-331,2015 | | | | | |
| 9. | Published a research paper entitled "Fabrication And Corrosive Performance Evaluation Of Ceria Zirconium", International Journal of Research in Engineering and Technology, Volume: 03 Special Issue: 11eISSN: 2319-1163, pISSN: 2321-7308, pages 305-308, Jun-2014 | | | | | |
| 10. | Published a research paper entitled "Automatic Motorized Screw Jack To Reduced Man Power", International Journal of Scientific & Engineering Research, Volume: 07 Issue:5,pages22-24,2016 | | | | | |
| 11. | Published a research paper entitled "Investigation Of Process Parameters And Experimental Analysis To Minimize The Casting Cold Shut Defect Using Taquchi Method", International Journal of Applied Engineering Research ,Volume: 10 Issue:50,pages 323-331,2015 | | | | | |
| Recent Publications (Conferences) | | | | | | |
| 1. | Presented a paper on "high way wind mill power generation" INAMESHE at KIOT, May 2019. | | | | | |
| 2. | Presented a technical paper entitled "A Study to prevent and control accidents related to construction workers based on critical factors analysis" in International Conference held at Dhaanish Ahmed Institute of Technology, march 2019. | | | | | |

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| 3. | Presented a technical paper entitled "Power Generation by using Magnetic Repulsion" in a an international Conference held Nandhaof Engineering College, march 2017. |
| 4. | Presented a technical paper entitled ""process parameters optimization to reduce the casting defects" at Bannari Amman Institute of Technology, Sathyamangalam.2014 and Intelligent Systems at Kongu Engineering College. |
| 5. | Presented a technical paper entitled ""optimization of process parameters to minimize the casting defects" at Selvam College Of Technology, Namakkal.2014 |
| 6. | Attended an International conference on ""investigation of process parameters to minimize the casting defects using Taquchi method" at IndraGaneshan Engineering College,Trichy.2014 |

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| A 07 | Memberships in Professional Bodies |
| S.No. | Name of the Professional Body |
| 1. | Indian Society for Technical Education (ISTE) - LM 107437 |

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| A08 | Programs Organized |
| 1 | Organized three program on Standards club(BIS), MECH.KIOT |
| 2 | Organized co assisted on HRD Cell, MECH.KIOT |

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| A09 | Highlights of Major Contributions |
| 1 | Standards Club club-Coordinator, MECH , KIOT |
| 2 | Social Media Cell Department Coordinator, MECH,KIOT |
| 3 | Department HRD Cell Coordinator, MECH,KIOT |
| 4 | Played a vital role during the Assessment of NAAC by KIOT |
| 5 | Played a vital role In Getting Accreditation for NBA ,MECH,KIOT |

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| A 10 | Training Programmes Attended |
| KIOT & Other Institution | |
| 1. | Attended a 5 days online Faculty Development Program on "Materials for Thermal and Renewable Energy Research" from 20th May, 2020 to 24th May, 2020 organized by Department of Mechanical Engineering, Sri Sai Ram Institute of Technology,Chennai. |
| 2. | Attended a actively participated in Webinar series on "Exploring outcome based Education (OBE) and NBA process" from 07-05-2020 to 13-05-2020 (6 Days; 9.30 am to 11.00 am; Total duration : 09.00 Hours). at Knowledge Institute of Technology, Salem. |
| 3 | Attended a one Day international faculty development workshop on "E learning and tools for effective teaching learning organized by jnanvikasmandals degree college, airoli in |

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| | collaboration with EdFly on 29 th may,2020 |
| 4 | Attended a one Day webinar on "Industry 4.0- Transforming Industries" organized by the School of Mechanical Engineering , Sathyabama Institute of science and Technology,Chennai,2020 |
| 5 | Attended a one day Webinar on "Deep Dive in Digital Disruptive Technologies (IOT/AI/ML/DL)" organized by Akshaya College of Engineering and Technology in association wit IEI Coimbatore Local Centre on 21 May, 2020. |
| 6 | Attended a one week faculty development Programme on "Insights into Quality Research and Innovation" organized by Research & Development Cell and Institution's Innovation Council of Vivekanandha College of Engineering for Women from 13th May 2020 to 20th May 2020 |
| 7 | Attended a one day webinar on "Solar Thermal Technologies" organized by Mohamed Sathak Engineering College ,Ramanathapuram.2020 |
| 8 | Attended a Two Week FDP on "Digital Manufacturing: Integrated Technology From Design To Manufacturing" conducted by K.S.Rngasamy college of Technology held during 11 th to25 th September 2019. |
| 9 | Attended a two day workshop on "Project Management" held during October 21 &22,2015 at VIT,University,Vellore |
| 10. | Attended Two week FDP on Engineering Thermodynamics ,at Knowledge Institute of Technology, Salem, 26 th to 27 th june 2016. |
| 11 | Attended a one day workshop on "Solar Photovoltaic(Pv)Based Power Generation Technologies" held during February 22 ,2016 at Periyar University,salem |
| 12. | Attended workshop on "Foundation Program in ICT for Education" conducted by IIT,bombay, from August 03,2017 to September 7, 2017 |
| 13. | Attended workshop on "Pedagogy for online and Blended Teaching Learning Process" conducted by IIT,bombay, from September 14 2017 to October 12,2017 |
| 14. | Attended three day workshop on MISSION 10X ,at Knowledge Institute of Technology, Salem, 18 th to 20 th November,2015 |
| 15. | Attended a two week ISTE STTP workshop on "environmental studies" conducted by IIT,bombay, this workshop under the national mission on education through ICT(MHRD) from 02 nd to 12 th june 2015 |
| 16. | Attended a two week ISTE workshop on "control system" conducted by IIT,Kharagpur, under the this workshop National Mission on Education through ICT(MHRD)held on December 2 nd to 12 th, 2014. |
| 17. | Attended a One Week FDP on "Design Of Transmission System" held during 17 th to 23 rd December 2014 organized by Mahendra Engineering College, Namakkal. |
| 18. | Attended a International workshop on "Innovations in Engineering Technology for Sustainable Development" at Bannari Amman Institute of Technology, Sathyamangalam.2013 |
| 19. | Attended a seminar on "Emerging Research and Advance in Composite Materials" at Bannari Amman Institute of Technology, Sathyamangalam.2013 |
| 20. | Attended a National level seminar on "Renewable Sources of Energy" at Government College of Technology, Coimbatore,2010 |
| 21. | Attended a seminar on the topic "Industrial Safety and Nanotechnology" at Government College of Technology, Coimbatore ,2011 |

| A11 | Awards |
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| | Received Distinguished Best Project Award by IE(I)Held At Adhiyamaan College Of Engineering, Hosur 2015. |
| | Received Academic Excellence Award by KIOT last five years. |