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| Name | Dr. A. KUMARAVADIVEL | | | |
| Contact (office) | Professor Dept. of Mechanical Engineering , Sir Issac Newton College of Engineering and Technology, Pappakovil, Nagapattinam – 611102 | | | |
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| Educational Qualifications | DEGREE | EDUCATIONAL INSTITUTION | BOARD/ UNIVERSITY | YEAR |
| | Ph.D. (Mechanical-Industrial Engg) | Anna University | Anna University | 2013 |
| | M.E. (Industrial Engg) | Thiagarajar College of Engg | Madurai Kamaraj University | 2001 |
| | B.E.(Mechanical) | Alagappa Chettiar College of Engg & Tech | Madurai Kamaraj University | 1997 |
| Professional Experience | Organization | Designation | Date of Joining | Duration of work |
| | Sir Issac Newton College of Engineering and Technology | Professor & Principal | April 2022 to till date | 2yrs |
| | M.I.E.T. Engg College | Vice Principal, Prof & Head | 31 May 2019 to March 2022 02 May 2012 to 2016 | 7yrs |
| | Raajaraajan college of Engg and tech, Karaikudi | Principal & Professor | July 2016 to May 2018 | 2 years 10 months |
| | Sudharsan Engg College | Professor & Head | 04 June 2005 to 26 May 2008 & 02 Dec 2009 to 31 April 2012 & July 2018 to May 2019 | 6 years 5 |
| | A.V.C. College of Engg | Asst.Prof | 01 July 1999 to 30 April 2005 | 5 Years 9 Months |
| Reviewer | Elsevier, Inderscience and Taylor and Francis journals | | | |
| Book Publication | ➤ International Book- Six Sigma implementation model in sand casting foundries ➤ ISBN-13: 978-3-659-90809-5, Lambert Academic Publishing (2016-06-21) | | | |

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| Journal Publications | International – 17 National - 3 |
| Paper presented in Conferences | International - 8 National - 8 |
| Publication of patents | Utility Patent - 4 Design Patent - 3 |
| Membership in Professional Bodies | <ul style="list-style-type: none"> ➤ Life member in Indian society for Technical Education (ISTE). ➤ Member in Institution of Engineers (MIE) |
| Academic Areas of Interest | <ul style="list-style-type: none"> ➤ Optimization, Casting technologies and Manufacturing philosophies, Industrial Engg & Management, Six Sigma. |
| Administrative Capabilities | <ul style="list-style-type: none"> ➤ ISTE Chapter- Office bearer, Internal Auditor- ISO 9001-2000, ➤ Chairperson –Quality circle Meetings, Department in charges, ➤ NBA coordinator and Management representative for ISO ➤ Question paper setter, passing board member and valuator for the various universities theory and practical exams. |
| Research | <ul style="list-style-type: none"> ➤ Approved Research Supervisor in Anna University, Chennai. ➤ During my research period, adopted a foundry at SIPCOT pudukottai, implemented a SIX SIGMA tool to reduce the product defects thereby the company gains profit. ➤ I have developed an innovative model called —PWA for optimizing two factors interaction and it was published in a Springer journal. <p>4 students are pursuing PhD programe under my Guidance</p> <p>h-index - 6</p> <p>i₁₀-index - 5</p> |