


FACULTY PROFILE

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| Name of Teaching Staff / RMK ID | Dr. K Manivannan / T 1124 | | |  |
| Designation | Professor | | | |
| Department | Science and Humanities | | | |
| Date of Joining the Institution | 18/04/2024 | | | |
| Qualifications | M.Sc., M.Phil., | M. Tech., | Ph.D. | |
| Total Experience | Overall: 37 Years 3 Months | | in RMK: 10 Years 1- Month | |
| Papers Published in Journal | Overall: 12 | | After Joining RMK: 2 in Process | |
| List of Papers Published | <ol style="list-style-type: none"> 1. R. Muthucumarasamy, K. Manivannan - Mass Transfer effects on vertical oscillating plate with heat flux, International Journal of Theoretical Applied Mechanics, Vol.34, No.4. PP 309-322, Belgrade 2007 2. R. Muthucumarasamy, K. Manivannan, V. Thangaraj - Chemical reaction effects on moving infinite vertical plate with uniform heat flux and variable Mass diffusion, International review of Pure and applied Mathematics. (July – Dec) 2007. Vol.3. No.2 PP 263- 272 3. R. Muthucumarasamy, K. Manivannan, V. Thangaraj - Magneto hydrodynamic effects on flow past an vertical oscillating plate in the presence of chemical reaction, International Journal of Scientific Computing 2(1) Jan-June 2008. PP 63-71. 4. R. Muthucumarasamy, K. Manivannan V. Thangaraj - Effects of Chemical reaction on isothermal vertical oscillating plate in the presence of thermal radiation, International journal of Mathematical sciences.Vol.8. No.1,2009 PP 131-141 5. K. Manivannan R. Muthucumarasamy, V. Thangaraj - chemical reaction effects on isothermal vertical oscillating plate with variable mass diffusion, International Journal of Thermal Sciences.Vol.113 (2009), No.2 PP 155-162. 6. K. Manivannan R. Muthucumarasamy –First order chemical reaction on isothermal vertical oscillating plate with variable mass diffusion, International Journal of Pure and Applied sciences and technology, Vol.3 (2011), No.1, PP 19-26. 7. K. Manivannan, K.L. Shunmuganathan -Decentralized Multiplatform Data Fusion Using Agent Technology, CIIT International journal of Artificial Intelligent systems and Machine Learning, Vol 3, (2011) No.4, PP240- 241 | | | |

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| | <p>8. M.Krishnamurthy, K. Manivannan, A Chilambuchelvan, E Raja Lakshmi, A Kannan- Enhanced Candidate Generation for Frequent Item set Generation, Indian Journal of Science& Technology, Vol.8, No.13, 2015.</p> <p>9. M.Krishnamurthy, K Manivannan, A. Chilambuchelan, E. Rajalakshmi, A. Kannan -Frequent Item Sets Generation from Transaction Database and Rule Generation using Quine- McCluskey Method, Journal of Scientific Research, Vol. 23, pp.222-231, 2015.</p> <p>10. Nedunchelian.R, Manivannan K -An Automatic Multi document Text Summarization Approach Based on Naïve Bayesian Classifier Using Timestamp Strategy, The Scientific World Journal Volume 2016 (2016), Article ID 1784827,10 pages</p> <p>11. T. Nalini, K. Manivannan –MANET Protocols Efficiency-Comparative Study, international Journal of Computer Science and Information Technologies, Vol.4 (2),210-215,2013</p> <p>12. M.Karnan, Poorna Shankar, K. Manivannan Climate Data Prediction Using Artificial Neural Networks International Journal of Multimedia, Computer Vision and Machine Learning Vol. 1 (1),33-37,2009</p> | |
| Papers Presented in Conferences | Overall: 2 | After Joining RMK: nil |
| Ph.Ds / Projects Guided | Ph.Ds Guided :NIL | Student Projects Guided: 300 +(MCA) M Phil (CS) 27 |
| Books Published : | Count : 3 | |
| | <ul style="list-style-type: none"> • Authored Text book on Engineering Mathematics, Prathibha Publications,Coimbatore for first semester B.E., of Anna University, 2002. • Authored Text book on Engineering Mathematics, Prathibha Publications,Coimbatore for second semester B.E, of Anna University, 2002. • Authored Text book on Engineering Mathematics, Prathibha Publications,Coimbatore for third semester B.E, of Anna University, 2002. | |
| Patents | Published Count: Nil | Granted Count: NIL |
| Professional Memberships | Count : 9 | |
| | <ol style="list-style-type: none"> 1. Life Member Indian Society for Technical Education (ISTE), New Delhi. 2. Life Member - Association of Mathematics Teachers of India (AMTI) 3. Life Member – Society of Statistics, Computer and Applications. 4. Member of Ramanujan Mathematical Society. 5. Computer Society of India (CSI). | |

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| | <ol style="list-style-type: none"> 6. IEEE Member 7. Member –Global Engineering Dean’s council (GEDC) 8. Member-American Society for Engineering Education(ASEE) 9. Indo Universal Collaboration for Engineering Education(IUCEE) |
| Consultancy Projects Completed | Count : nil |
| Awards Received | 3 +1 (Honorary Doctorate) |
| | <ol style="list-style-type: none"> 1.Appreciation Award as a “Best Secretary cum Treasurer” of ISTE, Tamilnadu and Pondicherry Section on 27th Feb 2002. 2. Appreciation Award with certificate for promoting various activities pertaining to Technical Education in Tamilnadu and Pondicherry section of ISTE - 27th October 2002. 3. Appreciation Certificate from ISTE, New Delhi for promoting the activities of ISTE amongst Technical Institutions in Tamilnadu and Pondicherry Section of ISTE - December 2000. 4. Honorary Doctorate from Dunster Business School, Switzerland, in recognition of my contributions to the education sector. |
| Research grants Received | Received Rs 45 lakhs to establish IEDC at RMK Engineerin College from NSTEDB-DST during 2011-2016 |
| Orchid Link / ID | ID: |
| Google Scholar Link / ID | https://scholar.google.co.in/citations?hl=en&user=gSyrBysAAAAJ |
| Vidwan Link / ID | https://vidwan.inflibnet.ac.in/profile/600830/NjAwODMw |
| Research Gate Link / ID | |
| Scopus Link / ID | ID: |