# K.S.R. COLLEGE OF ENGINEERING, TIRUCHENGODE – 637 215.
## (AUTONOMOUS)
## DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
## FACULTY PROFILE



**01. Name** : Mr.R.Arulkumar

**02. Designation** : Assistant Professor

**03. Date of Birth** : 29/07/1982

**04. Date of Joining** : 18/07/2022

**05. Qualification** : M.Tech

| Sl. No. | Name of the Degree | Specialization | Name of the Institution / University | Name of the University | Year of Admitted | Year of Completed | Class & % of Marks |
|---|---|---|---|---|---|---|---|
| 1. | M.TECH | IT | K.S.Rangasamy College of Technology (Autonomous), Tiruchengode | Autonomous | 2010 | 2013 | I Class & 7.9 |
| 2. | B.E | CSE | K.S.Rangasamy College of Technology (Autonomous), Tiruchengode | Anna University, Chennai | 2005 | 2008 | I Class & 73.75 |
| 3. | Diploma (EEE) | (EEE) | Sengunthar Institute of Polytechnic, Tiruchengode. | Department of Technical Education | 1998 | 2001 | I Class & 73 |

**06. Experience, Promotion & Designation Details (Chronological):**

**a. Teaching:**

| Sl. No. | Name of the Institution | Designation | Nature of work | Period From | Period To |
|---|---|---|---|---|---|
| 1 | K.S.Rangasamy College of Technology (Autonomous), Tiruchengode | Lecturer | Teaching | 24 –11-2008 | 17-07-2010 |

| 2 | K.S.Rangasamy College of Technology (Autonomous), Tiruchengode | Assistant Professor | Teaching | 18-07-2010 | 06-07-2020 |
|---|---|---|---|---|---|
| 3 | Knowledge Institute Of Technology | Assistant Professor | Teaching | 29-03-2021 | 20-07-2022 |
| | K.S.R.College of Engineering,Tiruchengode | Assistant Professor | Teaching | 18-07-2022 | Till now |
| | **Total year of Experience(s)** | | | **13 years and 4 months** | |

## b. Industry:

| Sl. No. | Name of the Organization | Designation | Nature of work | Period | |
|---|---|---|---|---|---|
| | | | | **From** | **To** |
| - | - | - | - | - | - |
| **Total year of Experience(s)** | | | | **-** | |

## 07. Publication Details:

### a. Conference Details:

**National:**

| Sl. No. | Title of the Research paper | Name of the author(s) | Publisher / Journal Name | Month & Year of publication | DOI & ISSN No. | IF / SJR / SNIP / H index / K index |
|---|---|---|---|---|---|---|
| | | | | | | |
| 1. | 'Position based routing in vehicular ad-hoc networks' | R.Arulkumar K.Prasanth | National Conference Noorul Islam College of Engineering | 10th -OCT-2009 | - | - |
| | | | | | | |

**International:**

| Sl. No. | Title of the research paper | Name of the author(s) | Publisher / Journal Name | Month &Year of publication | DOI & ISSN No. | IF / SJR / SNIP / H index / K index |
|---|---|---|---|---|---|---|

| 1. | Improving end to end routing performance of greedy forwarding in sensor network' | R.Arulkumar | International Conference, Sasurie College of Engineering | 9<sup>th</sup>,10<sup>th</sup>,11<sup>th</sup> – Jan-2013 | - | - |
|---|---|---|---|---|---|---|
| 2. | Complementry Aspects based opinion using K-means Approach | R.Arulkumar | International Conference | 7<sup>th</sup> and 8<sup>th</sup> Mar-2018 | | |

### b. Journal Details:

**National:**

| Sl. No. | Title of the research paper | Name of the author(s) | Publisher / Journal Name with full Expansion | Month &Year of publication | DOI & ISSN No. | IF / SJR / SNIP / H index / K index |
|---|---|---|---|---|---|---|
| - | - | - | - | - | - | - |

**International:**

| Sl. No. | Title of the research paper | Name of the author(s) | Publisher / Journal Name with full Expansion | Month &Year of publication | DOI & ISSN No. | IF / SJR / SNIP / H index / K index | Impact Factor |
|---|---|---|---|---|---|---|---|
| 1 | Moodle as an E-Learning and Mobile Learning Approach for Education | Arulkumar.R,Shiva Guru.K.K,Karthike yan.K,Srinivasan.S | International Journal of Current Trends in Engineering and Research | 3<sup>rd</sup> –March-2017 | 2455-1392 | | |
| 2 | Investigation on Model-Oriented and Mid-Level Controller for Assist-As-Needed Wearable Robots and its Application | A. Syed Musthafa , Fathima H , Arul Kumar R, , T.Vadivel ,G.Anwar Basha , M.Arulprabhu | NEUROQUANT OLOGY | November-2022 | 10.14704/N Q.2022.20.1 5.NQ88119 1303-5150 | | |
| 3 | Modern artificial intelligence approach with its role on Challenges in human resource management and employee Engagement based applications for organizational Commitment and development | A Syed Musthafa1 , R.Ramya2 , Fathima3 , T.Vadivel4 , Arulkumar R5 | Journal Of Data Acquisition and Processing | May-2023 | 1004-9037 | | |

**Summary:**

| | National Level | | International Level | |
|---|---|---|---|---|
| | **Journal(s)** | **Conference(s)** | **Journal(s)** | **Conference(s)** |

| | | | | |
|---|---|---|---|---|
| **At KSRCE** | - | - | - | - |
| **At others colleges** | - | 1 | - | 1 |

## 8. Details of Monographs, Books & Patterns:

| Sl. No. | Title | Name of the author(s) | Publisher Name | Year of publication |
|---|---|---|---|---|
| - | | - | - | - |

## 9. Details of Proposal:
**Public Sector:**

| Sl. No. | Title of the Proposal | Details of Funding Agency | Date & Duration | Status |
|---------|----------------------|---------------------------|-----------------|--------|
| - | - | - | - | - |

**Private Sector:**

| Sl. No. | Title of the Proposal | Details of Funding Agency | Date & Duration | Status |
|---------|----------------------|---------------------------|-----------------|--------|
| - | - | - | - | - |

**10. Details of Winter/Summer Schools Attended (all faculty enrichment programme): (FDP)**

| S.No. | Name of the programme | Organized by | Date & Duration |
|-------|----------------------|--------------|-----------------|
| | 2014-2015 | | |
| 1 | | | |
| 2 | Recent Advances in Pattern Recognition AI models and analysis in Bio metrics | K.S.Rangasamy College Of Technology | 25th March2013 to 6th April-2013 |
| 3 | Software Project Management | ICT Academy,KSRCT | 24th Aug-2012 |
| | 2015-2016 | | |
| 1 | Introduction to R Programming | ICT Academy,KSRCT | 30th Nov 2016 and 1st Dec-2016 |
| | 2017-18 | | |
| 1 | Internet Of Things | NPTEL | July to Oct- 2018 |
| 2 | Networking Simulation using Qualnet | DELLSOFT Technologies | 24th Oct-2017 |
| | 2018-2019 | | |
| 1 | Internet Of Things | ATAL | 4th to 8th Nov-2019 |

**11. Details of Workshops/ Seminars Attended:**

| Sl. No | Name of the programme | Organized by | Date & Duration |
|--------|----------------------|--------------|-----------------|
| | 2009-2010 | | |
| 1 | Recent Trends in Information Security | K.S.Rangasamy College Of Technology | 31st –Jan-2009 |
| 2 | Research Challenges of Data Security in Gird Computing and cloud computing | CSIR Sponsered at KSRCT | 19th and 20th-March-2010 |
| | 2011-2012 | | |
| 1 | Skill edge-OOPS using C++ | Conducted by ICT Academy of Tamil Nadu at NGP Institute of Technology, Coimbatore. | 20th –June -2011 To 21st –June-2011 |
| 2 | An intelligent based wireless | K.S.Rangasamy College Of | 19th and 20th –Aug -2011 |

| | Ad-hoc and sensor network and its application with ocean Technology | Technology | |
|---|---|---|---|
| | 'Next Generation Internet Protocol (IPV6)' | P.S.G College of Technology, Coimbatore. | 06th-Oct-2012 To 07th-Oct-2012 |
| 3 | 'Next Generation Internet Protocol (IPV6)' | P.S.G College of Technology, Coimbatore. | 06th-Oct-2012 To 07th-Oct-2012 |
| 4 | Challenging issues on data mining and semantic web | Sri Krishna College of Engineering and Technology, Coimbatore. | 27 & 28th –Jan 2012 |
| 5 | 'Research aspects of m2m technology and wireless sensor networks in space communication' | K.S.Rangasamy College of Technology, Tiruchengode. | 30th –Nov-2012 To 1st –Dec-2012 |

| Sl. No | Name of the programme | Organized by | Date & Duration |
|---|---|---|---|
| | 2013-2014 | | |
| 1 | 'Foundation Program 3.1' | Mahendra Engineering College, Tiruchengode. | 15th –July 2013 to 19th July 2013 |
| | 2015-2016 | | |
| 1 | 'Introdution to Design of Algorithm' | ISTE-STTP conducted bt IIT Khakarpur. | 27th-April to 30th –May-2015 |
| 2 | 'Foundation Program 4.0' | K.S.Rangasamy College Of Technology | 13th –July 2015 to 18th –July 2015 |
| 3 | 'Foundation Program 5.0' | Infosys Campus,Chennai | 26th –Dec 2016 to 30th –Dec 2016s |
| 4 | 'Natural Language Processing' | SSN College of Engineering, Chennai. | 22nd and 23rd –Feb 2016 |
| | 2017-2018 | | |
| 1 | ICT Academy Certified Trainer "C++ Programming" | ICT Academy | 14th –June-2018 |
| | 2018-2019 | | |
| 1 | Development of Laboratory Instruction and Manual | ICT Academy | 04th –Feb-2019 to 08th –Feb-2019 |
| 2 | Introduction to Machine Learning | NPTEL | Jan-April-2018(12 weeks) |
| | Introduction to Internet of Things | NPTEL | July-Oct-2018(12 weeks) |

**12. Details of Winter/Summer Schools/Workshops/Seminars organized:**

| Sl. No | Name of the programme | Sponsored by | Acted as | Duration | Convener |
|---|---|---|---|---|---|
| - | - | - | - | - | - |

**13. Details of Guest Lecturer / Resource Person inside and outside the college:**

**(FDP / Training / Workshop / Seminar)**

| Sl. No | Name of the programme | Organized by | Date & Duration |
|--------|----------------------|--------------|-----------------|
| - | - | - | - |

**14. Area of Interest** : Computer Networks

**15. Professional Membership** : ISTE

**16. Details of the Subjects Handled (in KSRCE):**

| S.No | Academic Year | Semesters | Name of the Subject | Class | % of Pass |
|------|---------------|-----------|---------------------|-------|-----------|

**17. Additional Responsibilities:**

**a. College Level**

| S.No. | Details of Work | Work allotted by | Duration |
|-------|-----------------|------------------|----------|

**b. Department Level**

| S.No. | Details of Work | Work allotted by | Duration |
|-------|-----------------|------------------|----------|
| 1. | Class Advisor | HoD | 18-07-2022 to Till Date |
| 2. | Project Guide | HoD | 17-09-2022 to Till Date |

**18. Self-Appraisal**

Major Strengths
1. Team Work
2. Boldness
3. Enthusiastic

Major Weaknesses:
1. Straight forward
2. Sensitive
3. Emotional

Signature with Name

[ARULKUMAR R]