

**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  |           | Class & % of Marks |
|---------|--------------------|----------------|--|-----------------------------------|----------|-----------|--------------------|
|         |                    |                |  |                                   | Admitted | Completed |                    |
| 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        | 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 |
| <b>Total year of Experience(s)</b> |   |                     |          | 13 years and 4 months |          |

**b. Industry:**

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

**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<br>K.Prasanth | National Conference<br>Noorul Islam College of Engineering | 10 <sup>th</sup> -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,<br>Sasurie College of Engineering | 9 <sup>th</sup> ,10 <sup>th</sup> ,11 <sup>th</sup> – Jan-2013 | -              | -                                   |

|    |  |             |                          |  |  |  |
|----|--|-------------|--------------------------|--|--|--|
| 2. | Complementary 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, Karthikeyan.K, Srinivasan.S | International Journal of Current Trends in Engineering and Research | 3 <sup>rd</sup> – March-2017 | 2455-1392      |                                     |               |
|         |  |  |   |                              |                |                                     |               |

**Summary:**

|                           | National Level |               | International Level |               |
|---------------------------|----------------|---------------|---------------------|---------------|
|                           | Journal(s)     | Conference(s) | Journal(s)          | Conference(s) |
| <b>At KSRCE</b>           | -              | -             | -                   | -             |
| <b>At others colleges</b> | -              | 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 | 25 <sup>th</sup> March 2013 to 6 <sup>th</sup> April-2013 |
| 3         | Software Project Management  | ICT Academy, KSRCT                  | 24 <sup>th</sup> Aug-2012                                 |
| 2015-2016 |  |                                     |   |
| 1         | Introduction to R Programming  | ICT Academy, KSRCT                  | 30 <sup>th</sup> Nov 2016 and 1 <sup>st</sup> Dec-2016    |
| 2017-18   |  |                                     |   |
| 1         | Internet Of Things   | NPTEL                               | July to Oct- 2018   |
| 2         | Networking Simulation using Qualnet  | DELLSOFT Technologies               | 24 <sup>th</sup> Oct-2017                                 |
| 2018-2019 |  |                                     |   |
| 1         | Internet Of Things   | ATAL                                | 4 <sup>th</sup> to 8 <sup>th</sup> 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  | 31 <sup>st</sup> –Jan-2009                                   |
| 2         | Research Challenges of Data Security in Grid Computing and cloud computing                        | CSIR Sponsered at KSRCT  | 19 <sup>th</sup> and 20 <sup>th</sup> -March-2010            |
| 2011-2012 |   |  |  |
| 1         | Skill edge-OOPS using C++   | Conducted by ICT Academy of Tamil Nadu at NGP Institute of Technology, Coimbatore. | 20 <sup>th</sup> –June -2011 To 21 <sup>st</sup> – June-2011 |
| 2         | An intelligent based wireless Ad-hoc and sensor network and its application with ocean Technology | K.S.Rangasamy College Of Technology  | 19 <sup>th</sup> and 20 <sup>th</sup> –Aug -2011             |
|           | ‘Next Generation Internet Protocol (IPV6)’  | P.S.G College of Technology, Coimbatore.   | 06 <sup>th</sup> -Oct-2012 To 07 <sup>th</sup> - Oct-2012    |
| 3         | ‘Next Generation Internet Protocol (IPV6)’  | P.S.G College of Technology, Coimbatore.   | 06 <sup>th</sup> -Oct-2012 To 07 <sup>th</sup> - Oct-2012    |
| 4         | Challenging issues on data  | Sri Krishna College of   | 27 & 28 <sup>th</sup> –Jan 2012                              |

|   |  |  |  |
|---|--|--|--|
|   | mining and semantic web  | Engineering and Technology, Coimbatore.            |  |
| 5 | ‘Research aspects of m2m technology and wireless sensor networks in space communication’ | K.S.Rangasamy College of Technology, Tiruchengode. | 30 <sup>th</sup> –Nov-2012 To 1 <sup>st</sup> – Dec-2012 |

| Sl. No    | Name of the programme                            | Organized by                                | Date & Duration   |
|-----------|--|---|---|
| 2013-2014 |  |   |   |
| 1         | ‘Foundation Program 3.1’                         | Mahendra Engineering College, Tiruchengode. | 15 <sup>th</sup> –July 2013 to 19 <sup>th</sup> July 2013   |
| 2015-2016 |  |   |   |
| 1         | ‘Introduction to Design of Algorithm’            | ISTE-STTP conducted bt IIT Khakarpur.       | 27 <sup>th</sup> -April to 30 <sup>th</sup> –May-2015       |
| 2         | ‘Foundation Program 4.0’                         | K.S.Rangasamy College Of Technology         | 13 <sup>th</sup> –July 2015 to 18 <sup>th</sup> – July 2015 |
| 3         | ‘Foundation Program 5.0’                         | Infosys Campus, Chennai                     | 26 <sup>th</sup> –Dec 2016 to 30 <sup>th</sup> – Dec 2016s  |
| 4         | ‘Natural Language Processing’                    | SSN College of Engineering, Chennai.        | 22 <sup>nd</sup> and 23 <sup>rd</sup> –Feb 2016             |
| 2017-2018 |  |   |   |
| 1         | ICT Academy Certified Trainer “C++ Programming”  | ICT Academy                                 | 14 <sup>th</sup> –June-2018                                 |
| 2018-2019 |  |   |   |
| 1         | Development of Laboratory Instruction and Manual | ICT Academy                                 | 04 <sup>th</sup> –Feb-2019 to 08 <sup>th</sup> – 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 |
|------|---------------|-----------|---------------------|-------|-----------|
| 1    |               |           |                     |       |           |
| 2    |               |           |                     |       |           |
| 3    |               |           |                     |       |           |
| 4    |               |           |                     |       |           |
| 5    |               |           |                     |       |           |
| 6    |               |           |                     |       |           |
| 7    |               |           |                     |       |           |
| 8    |               |           |                     |       |           |
| 9    |               |           |                     |       |           |
| 10   |               |           |                     |       |           |

### 17. Additional Responsibilities:

#### a. College Level

| S.No. | Details of Work    | Work allotted by | Duration                |
|-------|--------------------|------------------|-------------------------|
| 1     | Placement Training | Principal        | 01-06-2018 to till date |

#### 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]