


## Faculty Profile

|                              |  |   |
|------------------------------|--|---|
| <b>Name :</b> Dr. K. MURUGAN |  |  |
| <b>Designation</b>           | Assistant Professor  |   |
| <b>Department</b>            | Computer Science   |   |
| <b>Address (Campus)</b>      | Government College for Women,<br>Kolar- 563101, Karnataka,<br>India.         |   |
| <b>Address (Residence)</b>   | No.418, Opp. Agro Office, Takel Road,<br>Kolar -563101, Karnataka,<br>India. |   |
| <b>Date of Birth</b>         | 04/05/1974   |   |
| <b>Date of Joining</b>       | 05/09/2009   |   |
| <b>Mobile</b>                | 9449880799   |   |
| <b>E-mail</b>                | kmurugancs@gmail.com   |   |

### • Educational Qualifications:

| Sl. No | Degree                           | Name of the Institution / University | Year of Passing |
|--------|----------------------------------|--------------------------------------|-----------------|
| 1      | B.Sc<br>(Computer Science)       | Madurai Kamaraj University           | 1995            |
| 2      | M.Sc<br>(Computer Science)       | Bharathidasan University             | 1997            |
| 3      | M.Phil<br>(Computer Science)     | Manonmaniam Sundarnar University     | 2003            |
| 4      | M.E<br>(Computer Science & Engg) | Anna University                      | 2007            |
| 5      | Ph.D<br>(Computer Science)       | Bharathiar University                | 2019            |

### • SLET/NET Details:

| Sl. No | SLET/NET | Name of the University | Year of Passing | Register Number |
|--------|----------|------------------------|-----------------|-----------------|
| 1      | SLET     | University of Mysore   | 2019            | 10240596        |

### • Teaching Experience:

| Sl. No                             | Name and Address of the Institution                                  | Subject          | Date (From – To)                |
|------------------------------------|--|------------------|---------------------------------|
| 1                                  | Sapthagiri College for Engineering,<br>Dharmapuri, Tamil Nadu.       | Computer Science | June 1997 to June 2000          |
| 2                                  | M.G.R. College, Hosur, Tamil Nadu,                                   | Computer Science | June 2000 to July 2005          |
| 3                                  | Maharani Lakshmi Ammanni College for<br>Women, Bangalore, Karnataka, | Computer Science | July 2005 to September<br>2009  |
| 4                                  | Government College for Women, Kolar,<br>Karnataka                    | Computer Science | September 2009 to Till-<br>date |
| Total Experience (Completed Years) |  |                  | 23 Years                        |

- **Research Experience:**

| Sl. No | Number of M.Phil / Ph.D Guided | Subject          |
|--------|--------------------------------|------------------|
| 1      | M Phil Guided : 14             | Computer Science |

- **BOS/BOE Details:**

| Sl. No | Name of the University / Autonomous College | Subject          | BOS / BOE | Chairperson / Member | Year        |
|--------|---|------------------|-----------|----------------------|-------------|
| 1      | Bangalore University                        | Computer Science | BOE       | Member               | 2009 - 2010 |
| 2      | Bangalore University                        | Computer Science | BOE       | Chairperson          | 2011 - 2012 |
| 3      | Bangalore University                        | Computer Science | BOS       | Member               | 2011 - 2014 |
| 4      | Bangalore North University                  | Computer Science | BOS       | Member               | 2018 - 2019 |
| 5      | Bangalore North University                  | Computer Science | BOE       | Chairperson          | 2019 - 2020 |
| 6      | Bangalore North University                  | Computer Science | BOS       | Member               | 2020 - 2023 |

- **Orientation Programme Attended:**

| Sl. No | Name of the University | Date (From – To)         | Place     |
|--------|------------------------|--------------------------|-----------|
| 1      | Bangalore University   | 01-02-2010 to 02-03-2010 | Bangalore |

- **Refresher Course Attended:**

| Sl. No | Name of the University      | Date (From – To)         | Place   |
|--------|-----------------------------|--------------------------|---------|
| 1      | Himachal Pradesh University | 24-02-2014 to 15-03-2014 | Shimla  |
| 2      | University of Calicut       | 14.11.2018 to 04-12-2018 | Calicut |
| 3      | University of Calicut       | 15.01.2020 to 29-01-2020 | Calicut |

- **Short Term Course Attended:**

| Sl. No | Name of the University | Date (From – To)         | Place   |
|--------|------------------------|--------------------------|---------|
| 1      | Gujarat University     | 28-05-2020 to 03-06-2020 | Gujarat |
| 2      | Ranchi University      | 25/11/2020 to 01/12/2020 | Ranchi  |

• **Faculty Development Programme Attended:**

| Sl. No | Name of the University | Date (From – To)         | Place              |
|--------|------------------------|--------------------------|--------------------|
| 1      | Karnatak University    | 02/11/2020 to 07/11/2020 | Dharwad, Karnataka |

• **Test Book Published:**

| Sl. No | Title of Book                                       | Name of the Publisher | ISBN No.                 | Author / Co-Author |
|--------|---|-----------------------|--------------------------|--------------------|
| 1      | Visual Programming                                  | Sunstar Publisher     | ISBN: 978-93-86550-08-8  | Murugan.K          |
| 2      | Object Oriented Programming Using Java              | Sunstar Publisher     | ISBN: 978-93-86550-07-1  | Murugan.K          |
| 3      | Web Programming                                     | Sunstar Publisher     | ISBN: 978-93-86550-05-7  | Murugan.K          |
| 4      | Computer Networks                                   | Sunstar Publisher     | ISBN: 978-93-86550-06-4  | Murugan.K          |
| 5      | Computer Application and Information Technology     | Sunstar Publisher     | ISBN: 978-93-886550-09-5 | Murugan.K          |
| 6      | Database Management System and Software Engineering | Sunstar Publisher     | ISBN: 978-93-86550-26-2  | Murugan.K          |
| 7      | C Programming for Problem Solving                   | Sunstar Publisher     | ISBN: 978-93-86550-76-7. | Murugan.K          |
| 8      | Programming Concepts using C                        | Sunstar Publisher     | ISBN: 978-93-8655-25-5   | Dr.K.Murugan       |
| 9      | Data Structures                                     | Sunstar Publisher     | ISBN: 978-9385-155-51-2  | Dr.K.Murugan       |
| 10     | Operating System and Unix                           | Sunstar Publisher     | ISBN: 978-93-85155-50-5  | Dr.K.Murugan       |

• **Research Paper Published:**

| Sl. No | Title of Publication   | Name of the Journal  | ISSN No. / Page No.  | Author / Co-Author                         | Year         |
|--------|--|--|--|--|--------------|
| 1      | Agile Management Trends and Services of Dynamic Collaboration in Motile Applications | International Journal of Innovative Research in Science, Engineering and Technology (IJIRSET)  | ISSN (Online): 2319-8753<br>ISSN(Print): 2347-6710<br>Page No. 3993 - 4001 | Dr.P.Suresh,<br>G.Shumalatha,<br>K.Murugan | June 2015    |
| 2      | Improved Generation of Frequent item Sets using Apriori Algorithm                    | International Journal of Advanced Research in Computer and Communication Engineering (IJARCCE) | ISSN (Online): 2278-1021<br>ISSN(Print): 2319-5940<br>Page No. 25-27       | Dr.P.Suresh,<br>K.N.Nithya<br>K.Murugan    | October 2015 |
| 3      | Optimized Simulated Annealing SVM Classifier   | Australian Journal of Basic and  | ISSN: 1991-8178  | K.Murugan<br>Dr.P.Suresh                   | March 2017   |

|    |   |  |   |                          |                |
|----|---|--|---|--------------------------|----------------|
|    | for Anomaly Intrusion Detection In Wireless Adhoc Network   | Applied Science (AJBAS)  | EISSN: 2309 -8414<br>Page No. 1-13                                      |                          |                |
| 4  | Security Issues and Attacks in Wireless Ad Hoc Networks   | International Journal of Innovative Research in Computer and Communication Engineering | ISSN(Online): 2320-9801<br>ISSN (Print) : 2320-9798<br>Page No. 45-49   | K.Murugan<br>Dr.P.Suresh | April 2017     |
| 5  | A Study and Comparative Analysis of Wireless Routing Protocols  | International Journal of Scientific & Engineering Research                             | ISSN: 2229-5518<br>Page No. 59 - 65                                     | K.Murugan<br>Dr.P.Suresh | May 2017       |
| 6  | Ensemble of Ada Booster with SVM Classifier for Anomaly Intrusion Detection in Wireless Ad Hoc Network            | Indian Journal of Science and Technology   | ISSN (Print): 0974-6846<br>ISSN (Online) : 0974-5645<br>Page No. 1-10   | K.Murugan<br>Dr.P.Suresh | June 2017      |
| 7  | A Study and Analysis of various Neural Network Algorithms used dfor Location Estimation in Wireless Communication | International Research Journal of Computer Science                                     | ISSN: 2393-9842<br>Page No. 71-73                                       | K.Murugan<br>Dr.P.Suresh | September 2017 |
| 8  | Effective Intrusion Detection and Prevention System in Wireless Adhoc Networks                                    | International Journal of Business and Administration Research Review                   | E- ISSN: 2347-856X<br>ISSN: 2348-0653<br>Page No. 13-18                 | K.Murugan<br>Dr.P.Suresh | March 2018     |
| 9  | Efficient Anomaly Intrusion Detection Using Hybrid Probabilistic Techniques in Wireless Ad Hoc Network            | International Journal of Network Security  | ISSN (Print): 1816-353X<br>ISSN (Online): 1816-3548<br>Page No. 730-737 | K.Murugan<br>Dr.P.Suresh | July 2018      |
| 10 | A Survey on Security Systems Against Internet Fraud in E-Commerce   | Studies in Indian Place Names (UGC Care Listed Journal)                                | ISSN: 2394-3114<br>Page No. 1784-1791                                   | Dr. K. Murugan           | February 2020  |

- **State Level Seminar:**

| Sl. No | Theme of the Seminar  | Place                   | Date/ Duration                                     | Paper Presented/ Participated |
|--------|---|-------------------------|--|-------------------------------|
| 1      | Workshop on Pervasive and Mobile Computing  | Bangalore, Karnataka    | 11 <sup>th</sup> March 2006                        | Participated                  |
| 2      | UGC Sponsored State Level Seminar on Recent Advances in Machine Learning  | Bangalore, Karnataka    | 23 <sup>rd</sup> and 24 <sup>th</sup> March 2009   | Participated                  |
| 3      | Seminar on Kolar Through The Ages   | Kolar, Karnataka        | 8 <sup>th</sup> February 2011                      | Participated                  |
| 4      | Workshop on E-Governance: Challenges and Prospects  | Bangalore, Karnataka    | 18 <sup>th</sup> December 2012                     | Participated                  |
| 5      | Workshop on Mathematical Methods for Science  | Gauribidanur, Karnataka | 11 <sup>th</sup> and 12 <sup>th</sup> October 2013 | Participated                  |
| 6      | Seminar on The role of Internal Quality Assurance cell in the Sustenance and enhancement of quality in colleges | Kolar, Karnataka        | 20 <sup>th</sup> September 2014                    | Participated                  |
| 7      | Workshop on Revised Accreditation Framework of NAAC   | Bangarpet, Karnataka    | 12 <sup>th</sup> March 2019                        | Participated                  |
| 8      | Workshop on Preparation of SSR  | Kolar, Karnataka        | 28 <sup>th</sup> August 2019                       | Participated                  |
| 9      | Online workshop on Beginners path towards Cloud Computing   | Malur Karnataka         | 20 <sup>th</sup> May 2020                          | Participated                  |

- **National Level Seminar:**

| Sl. No | Theme of the Seminar   | Place                  | Date/ Duration                                      | Paper Presented/ Participated |
|--------|--|------------------------|---|-------------------------------|
| 1      | National Conference Software Engineering   | Tirupattur, Tamil Nadu | 14 <sup>th</sup> September 2006                     | Participated                  |
| 2      | National Workshop on Computational Intelligence Advancement and Research Opportunities   | Bangalore, Karnataka   | 9 <sup>th</sup> and 10 <sup>th</sup> November 2012. | Participated                  |
| 3      | National Conference on Waste Management towards sustainable development in India context | Bangalore, Karnataka   | 24 <sup>th</sup> and 25 <sup>th</sup> January 2014  | Participated                  |
| 4      | UGC Sponsored National Conference “NITI Aayog”   | Pondicherry            | 29 <sup>th</sup> and 30 <sup>th</sup> January 2015. | Participated                  |

|   |   |                      |   |              |
|---|---|----------------------|---|--------------|
| 5 | National Conference on Digital Transformation             | Bangalore, Karnataka | 8 <sup>th</sup> and 9 <sup>th</sup> September 2016. | Participated |
| 6 | National Symposium & IT Fest                              | Bangalore, Karnataka | 15 <sup>th</sup> September 2016                     | Participated |
| 7 | National Seminar on Quality Enhancement Through Research  | Bangalore, Karnataka | 29 <sup>th</sup> September 2016                     | Participated |
| 8 | National Seminar on Innovative Trends in Higher Education | Kolar, Karnataka     | 24-03-2017  | Participated |

• **National Level Conference/Symposium:**

| Sl. No | Theme of the Conference  | Place                | Date/ Duration                                      | Paper Presented/ Participated |
|--------|--|----------------------|---|-------------------------------|
| 1      | National Conference on Emerging in Information Technology in Today's Business Scenario, Koshys Institute of Management Studies               | Bangalore, Karnataka | 6 <sup>th</sup> October 2016                        | Presented                     |
| 2      | UGC Sponsored two days National Conference on Advanced in Computer Science and Engineering at Government Science College                     | Bangalore, Karnataka | 16 <sup>th</sup> and 17 <sup>th</sup> February 2017 | Presented                     |
| 3      | National Conference on Connecting Young India and Global Market Opportunities for Sustainable inclusive Growth, Government College for Women | Kolar, Karnataka     | 3 <sup>rd</sup> March 2018                          | Presented                     |
| 4      | National Conference on Radiation Physics & Its Applications in Material Science & Medicine, Government College for Women                     | Kolar, Karnataka     | 6 <sup>th</sup> April 2018                          | Presented                     |
| 5      | National Conference on Emerging Trends in Digital Transformation, Government College for Women   | Maddur Karnataka     | 30 <sup>th</sup> July 2019                          | Presented                     |

• **International Level Conference/Symposium:**

| Sl. No. | Theme of the Conference   | Place                    | Date/ Duration                                      | Paper Presented/ Participated |
|---------|---|--------------------------|---|-------------------------------|
| 1       | International Conference on Computing and Communication Technologies at SAI RAM Engineering College | Chennai, Tamil Nadu      | 23 <sup>rd</sup> and 24 <sup>th</sup> February 2017 | Presented                     |
| 2       | Recent Trends in IT innovations, Garden City University   | Bangalore, Karnataka     | 7 <sup>th</sup> March 2017                          | Presented                     |
| 3       | International Conference on Nano – A New World of Science, Vidhya                                   | Chengalpattu, Tamil Nadu | 22 <sup>nd</sup> , September 2017                   | Presented                     |

|   |  |                         |   |           |
|---|--|-------------------------|---|-----------|
|   | Sagar Womens College,<br>Chengalpattu  |                         |   |           |
| 4 | International Conference on Recent<br>Advances & Applications in<br>Computer Engineering,<br>St. Xaviers College, Jaipur   | Jaipur,<br>Rajasthan    | 23 <sup>rd</sup> to 25 <sup>th</sup> ,<br>November 2017 | Presented |
| 5 | Strategic Innovations and Emerging<br>Perspectives for Global Business in<br>Engineering and Social Science, Sri<br>Ganesh School of Business<br>Management, Salem | Salem,<br>Tamil Nadu    | 9 <sup>th</sup> February 2018                           | Presented |
| 6 | International Conference on<br>Convergence of Management and<br>Technology-Opportunities and<br>Challenges, SJES College of<br>Management Studies, Bangalore       | Bangalore,<br>Karnataka | 28 <sup>th</sup> March 2018                             | Presented |

**(Dr. K. Murugan)**