

## RESUME

**Name of the Staff** : I.MUTHU SELVI  
**Designation** : AP  
**Date of joining in the college** : 02.06.2010  
**E-mail Id** : muthu2012skc@gmail.com  
**Mobile Number** : 9025569515  
**Personal Details**  
**Age** : 37  
**Date of Birth** : 17.04.1982  
**Sex & Marital Status** : Female & Married  
**Citizenship** : Indian



### Educational Qualification

| Educational Qualification | Branch | Name of the Institution/University                           | Yr. of Passing | % of Marks | Class/ Division |
|---------------------------|--------|--|----------------|------------|-----------------|
| B.E                       | CSE    | National College of Engineering/<br>Anna University, Chennai | 2005           | 73%        | I               |
| M.E                       | CSE    | Anna University of<br>Technology, Tirunelveli                | 2010           | 77%        | I               |

### Professional Experience (In chronological order)

| Designation         | Institution/Organization                                     | Period                        | Nature of Duties   |
|---------------------|--|-------------------------------|--|
| Lecturer            | National Engineering College, K.R. Nagar, Kovilpatti-628 503 | From 02.06.2010 to 31.10.2011 | Teaching, Tutor, Class Incharge, Exam Wing Member, Time Table Committee member & Incharge, Committee member for All events   |
| Assistant Professor |  | From 01.11.2011 to till date  | Teaching, Tutor, Exam Wing Member, Table Committee member, Weak Student Improvement Activities, Coordinator IEEE Computer society, Admission Duty, Seminar Hall Incharge, SMT-Technology Club co-coordinator, NBA -4 <sup>th</sup> Criteria co-coordinator, Class Incharge, Lab Incharge |

No. of years of

i. NEC : 10

ii. Other Colleges : Nil

iii. Industry : Nil

iv. Other than above -

### List of international Journals

| S.No | Name of the Authors  | Title of Paper  | Name of Journal  | Volume No, Issue No & Page No   | Year of publication | Impact Factor |
|------|--|---|--|---------------------------------|---------------------|---------------|
| 1.   | I.Muthu Selvi<br>J.Roselin<br>Dr.Kavitha   | A hybrid Image Enhancement Technique for Noisy Dim Images Using Curvelet and Morphology | International Journal of Engineering Science and Technology(IJEST) | Volume 2- Issue 7<br>2997-3002  | July 2010           | 12 citations  |
| 2.   | V. Dini<br>Aadhithya<br>Harshan<br>R. Bala<br>Subramanian<br>P.Diwarhar<br>I.Muthu Selvi               | Wireless Sensor Networks For Smart Healthcare Using Iot                                 | International Journal of Scientific & Technology Research (IJSTR)  | Volume 9 - Issue 3<br>6647-6649 | March 2020          |               |
| 3.   | K.Vishnu<br>Prakash<br>S.Siva<br>Prakash<br>H.Vishnu<br>Harichandran<br>S.Petchiappan<br>I.Muthu Selvi | Image Colour Prediction using Deep Learning   | International Journal of Recent Technology and Engineering (IJRTE) | Volume-8 Issue-6<br>2037-2040   | March 2020          | VoC:<br>6.04  |

### List of International Conferences

| S.No | Name of the   | Title of Paper   | Name of the Conference | Year of publicati |
|------|---|--|------------------------|-------------------|
| 1.   | I.Muthu Selvi<br>A.Sharmila<br>Agnal<br>S.Arunpriya | ALTA: An Automated Luggage Tracking cum Alert System using RF Technology | ICCTIDE                | January 2016      |

### List of National Conferences

| S.No | Name of the Faculty | Title of Paper | Name of the Conference | Year of publicati on |
|------|---------------------|----------------|------------------------|----------------------|
|------|---------------------|----------------|------------------------|----------------------|

|    |                            |   |            |            |
|----|----------------------------|---|------------|------------|
| 1. | I.Muthu Selvi<br>J.Roselin | A New Approach for Background Detection due to Contrast Enhancement of Poor Lighting Images | NCDMIP'10  | Feb 2010   |
| 2. | I.Muthu Selvi<br>J.Roselin | The Innovative Contrast Enhancement Methods for Improving Poor Lighting Images              | NCCSA'10   | March 2010 |
| 3. | I.Muthu Selvi<br>J.Roselin | Background Detection of Low Lighting Images Using Contrast Enhancement                      | NACIPAN'10 | March 2010 |

**Short term Courses/Seminar/Conference/Workshop Attended**

| S.No | Institution  | Topic  | Course Detail | Date                  |
|------|--|--|---------------|-----------------------|
| 1.   | Anna University, Tirunelveli                                     | National Conference on IT Enabled Management                         | -             | 03.04.2009            |
| 2.   | Anna University, Tirunelveli                                     | National Conference on emerging Trends in Engineering and Technology | -             | 08.05.2009            |
| 3.   | Anna University, Tirunelveli                                     | Soft Computing- New Trends, Research Issues and applications         | -             | 19-20 March 2009      |
| 4.   | National Engineering College, Kovilpatti                         | Research Perspective of Natural Language Processing                  | -             | March 2011            |
| 5.   | National Engineering College, Kovilpatti                         | Rational Functional Tester   | IBM Workshop  | 07.08.2012-10.08.2012 |
| 6.   | National Engineering College, Kovilpatti organized by IIT Madras | NPTEL workshop   | -             | 13.03.2015            |

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|-----|--|--|--|---------------------------|
| 7.  | National Engineering College,<br>Kovilpatti    | Got Certificate in<br>.NET<br>Programming  | Conducted by ICT<br>Academy of<br>Tamilnadu                                | 13.02.2012-<br>20.02.2012 |
| 8.  | National Engineering College,<br>Kovilpatti    | Attended a<br>technical Seminar<br>on “Media<br>Security: A set<br>theoretic<br>framework for<br>Data Hiding”  | -  | 29.08.2012                |
| 9.  | National Engineering College,<br>Kovilpatti    | Tivoli Directory<br>Server   | IBM Workshop   | 17.09.2012-<br>20.09.2012 |
| 10. | Mepco Schlenk Engineering College,<br>Sivakasi | Attended a Two<br>day Seminar on<br>“Recent Trends<br>and Research<br>Issues in Semantic<br>based Image<br>Analysis”                                 | -  | 10.10.2012-<br>11.10.2012 |
| 11. | National Engineering<br>College,Kovilpatti     | High Speed<br>Networks   | Sponsored by ISTE<br>New Delhi and SRM<br>University Chennai               | 09.06.2014-<br>16.06.2014 |
| 12. | National Engineering<br>College,Kovilpatti     | Attended<br>Empowering<br>Indian<br>Engineering for<br>Global<br>Expectations  | Organized by ISTE<br>TN& P section & co-<br>sponsored by DST,<br>New Delhi | 07.11.2014-<br>08.11.2014 |
| 13. | National Engineering<br>College,Kovilpatti     | Emerging<br>Technologies with<br>Hands on and Live<br>Demo   | Organized bt Perpetro<br>Technologies and<br>Dean Cell NEC                 | 11.11.2014-<br>15.11.2014 |
| 14. | National Engineering<br>College,Kovilpatti     | One day workshop<br>on Intellectual<br>Property Rights<br>and Innovations  | -  | 07.11.2015                |
| 15. | National Engineering<br>College,Kovilpatti     | Three days<br>National level<br>workshop on<br>Formulation of<br>Research and<br>Development<br>Grant Proposals by<br>Scientists and<br>Technologies | -  | 18-20<br>November<br>2015 |

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|-----|---|---|--|------------------------------|
| 16. | National Engineering College,Kovilpatti                                   | Research aspirants Meet on ICCTIDE  | -  | 7-8 January 2016             |
| 17. | Mepco Schlenk Engineering College,Sivakasi                                | 2 Day workshop on Recent Trends in Optimization Techniques and its Applications                         | -  | 05.12.2016 & 09.12.2016      |
| 18. | National Engineering College,Kovilpatti                                   | Faculty Development program on Technology enabled teaching Learning process                             | -  | 27-29 <sup>th</sup> May 2017 |
| 19. | National Engineering College,Kovilpatti                                   | Attended 5 days workshop on Data Science and Big Data Analytics   | Got academic associate with 94% score organized by ICT Academy                   | June 13-17 2017              |
| 20. | National Engineering College,Kovilpatti                                   | One day FDP on Applications of Blooms Taxonomy  | -  | 11.11.2017                   |
| 21. | IIT Delhi   | Attended 8 weeks course in NPTEL.   | Got NPTEL Certificate with Elite level in the course "Introduction to Research " | 2017                         |
| 22. | Anna University, Tirunelveli Regional Centre                              | Attended a National Level Workshop on Stimulating Research Perspectives on Big Data                     | -  | 28.02. 2018                  |
| 23. | IIT Bombay organized workshop at National Engineering College, Kovilpatti | Attended One day workshop on SCILAB.  | -  | 04.05.2019                   |
|     | IIT Delhi   | Attended 4 weeks course in NPTEL with FDP certificate   | Got NPTEL Certificate in the course "Python for Data Science "                   | Aug-Sep 2019                 |
| 24. | IIT Bombay organized workshop at National Engineering College, Kovilpatti | Attended a one day workshop on "R Programming Language for Teachers"                                    | -  | 09.11.2019                   |
| 25. | National Engineering College, Kovilpatti                                  | Attended twelve days DST Sponsored Faculty Development program on Entrepreneurship organized by NSTTEDB | -  | 02.12.2019-14.12.2019        |

|     |   |                                      |   |            |
|-----|---|--------------------------------------|---|------------|
| 26. | IIT Bombay organized workshop at National Engineering College, Kovilpatti | Attended one day Workshop on C & C++ | -   | 29.02.2020 |
| 27. | Saylor Academy  | Attended MOOC course                 | Got Certificate Computer Communication & Networks with 70 % | March 2020 |

### Short term Courses/Conference/Workshops/Seminars Organized

| S.No | Title   | Duration of the workshop                           | Number of Participa | Venue                         |
|------|---|--|---------------------|-------------------------------|
| 1.   | Two day workshop on “Android and its Applications”  | 29 <sup>th</sup> and 30 <sup>th</sup> January 2014 | 100                 | Seminar Hall in CSE Dept      |
| 2.   | Two day national level workshop “Animate” about Animation Techniques  | 24.09.2014 & 25.09.2014.                           | 103                 | Seminar Hall in CSE Dept      |
| 3.   | Two day FDP on Mobile Application Development using Android - a next generation technique   | 14.11.2014 & 15.11.2014                            | 50                  | CISCO lab in CSE Dept         |
| 4.   | IEEE sponsored workshop on IOT-SMART objects  | 18.01.2015 & 19.01.2015                            | 112                 | Seminar Hall in CSE Dept      |
| 5.   | One day Workshop on ‘Business Intelligence and its Tools’   | 12.01.2017   | 119                 | Seminar Hall in CSE Dept      |
| 6.   | Two days technical workshop on “Hands On Training on Python-WEBY’18”  | 21.02.2018-22.02.2018                              | 114                 | ICL-I and II Labs of CSE Dept |
| 7.   | One day workshop on "R Programming Language for Teachers" organized by IIT Bombay at National Engineering College, Kovilpatti                         | 09.11.2019   | 30                  | Cisco Lab                     |
| 8.   | IEEE Madras Section Sponsored Two day Workshop on Machine Learning using Python organized by IEEE Computer Society Student Branch Chapter of National | 31.01.2020 & 01.02.2020                            | 120                 | Cisco Lab & RM Lab            |

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|  | Engineering College,Kovilpatti/ |  |  |  |
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**Specific achievement if any Expert Lecture delivered**

| S.No | Title   | Venue                                   | Date |
|------|---|---|------|
| 1.   | Mobile and Pervasive Computing –Software and Hardware of mobile devices | National Engineering College,Kovilpatti | 2015 |

**Membership in Professional bodies**

| Name of Society | Grade of Membership |
|-----------------|---------------------|
| IEEE            | Member              |
| ISTE            | Life member         |