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|---|--|----------------------|----------------------------|----------------------|
| <b>Name:</b><br><b>MUTHAMILSEVAN.S</b>    |  |                      |                            |                      |
| <b>Designation:</b>                       | <b>Associate Professor</b>   |                      |                            |                      |
| <b>Qualification:</b>                     | B.E(ComputerScienceandEngineering),M.E(ComputerScience and Engineering)            |                      |                            |                      |
| <b>Area of specialization:</b>            | Machine Learning   |                      |                            |                      |
| <b>Experience:</b>                        | <b>Industrial Experience</b>   |                      | <b>Teaching Experience</b> |                      |
|   | NIL  |                      | 17 Years                   |                      |
| <b>Number of workshops /FDP attended:</b> | <b>Number of Workshops</b>   |                      | <b>Number of FDPs</b>      |                      |
|   | 08   |                      | 10                         |                      |
| <b>Publications:</b>                      | <b>Conference</b>  |                      | <b>Journal</b>             |                      |
|   | <b>Natio<br/>nal</b>   | <b>International</b> | <b>National</b>            | <b>International</b> |
|   | 6  | 02                   | 7                          | 10                   |
| <b>Patents:</b>                           | <b>National</b>  |                      | <b>International</b>       |                      |
|   | NIL  |                      | 3                          |                      |

## **PUBLICATIONS (Journals)**

- **Muthamilselvan.S**, “Class-balanced dermoscopic lesion segmentation using MoG-LISA and optimized Swin-UNet via the GM-FDE framework” in iScience March 2026, V-29, I-3. ISSN 2589-0042.
- **Muthamilselvan.S**, “Transformer-enhanced hybrid feature fusion for accurate and interpretable melanoma detection” in Intelligence- Based Medicine Nov 2025, V-12, I-2. ISSN 2666-5212.
- **Muthamilselvan.S**, “State of the art review in Skin Lesion Image Processing Analysis”, IEEE INTERNATIONAL CONFERENCE ON SMART STSTEMS AND INVENTIVE TECHNOLOGY”, JAN 2022 ISSN 978-1-6654-0119-7 Francis Xavier Engineering College, Tirunelveli.
- **Muthamilselvan.S**, “Ethereum Smart Contract in Supply Chain Management ”, IEEE INTERNATIONAL CONFERENCE ON POWER ENERGY, CONTROL AND TRANSMISSION SYSTEMS”, OCT 2024 ISSN 979-8-3315-0885-2 Sri Sairam Engineering College, Chennai.
- **Muthamilselvan.S**, “Empirical Assessment and Detection of Suicide Related Posts in Twitter using Artificial Intelligence enabled Classification Logic”, INTERNATIONAL CONFERENCE ON ADVANCES IN COMPUTING, COMMUNICATION AND APPLIED INFORMATICS”, AUG 2023 ISSN 979-8-3503-1590-5/23.
- **Muthamilselvan.S**, “Smart Water Detection Water” in International Journal of Recent Research in Mathematics Computer Science and Information Technology FEB 2018, V-4, I-2. ISSN 2350-1022.
- **Muthamilselvan.S**, “Floor Planning Application using Smart Contracts” in International Journal of Computer Science and Mobile Applications APR 2018, V-6, I-4. ISSN 2321-8363.
- **Muthamilselvan.S**, “Product Rating System” in International Research Journal in Advanced Engineering and Technology MAR 2018, V-4, I-2. ISSN 2454-4752.
- **Muthamilselvan.S**, “Exploratory Data Analysis for Visualizing Trends of Women’s Participation in the Arab World Over Two Decades” in Journal of Advance Research in Dynamical & Control Systems, Vol-11, 03-Special Issue, 2019.
- **Muthamilselvan.S**, “Detection of Drowsiness Levels by Examining Vitals for Two Wheeler Drivers Using Supervised Machine Learning” in Journal of Advance Research in Dynamical & Control Systems, Vol-11, 03-Special Issue, 2019.
- **Muthamilselvan.S**, “ An Advance Task Manager Application for Android Devices” in International Journal of Innovative Technology and Exploring Engineering ISSN:2278-3075, Volume-9 Issue- 1, November 2019.
- **Muthamilselvan.S**, “Electric Gadgets Surveillance and Controlling Systems Based on Internet of Things (IoT)” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN:2249-8958, Volume-9 Issue-4, April 2020.
- **Muthamilselvan.S**, “Object Detection Method by using Yolov3 with Machine Learning” in International Journal of Recent Technology and Engineering (IJRTE) ISSN:2277-3878, Volume-8 Issue-6, April 2020.
- **Muthamilselvan.S**, “Movie Recommendation Based on Posters and Still Frames using Machine Learning” in International Journal of Engineering and Advanced Technology (IJEAT) ISSN:2249-8958, Volume-9 Issue-4, April 2020

## CONFERENCE PAPERS

- **Muthamilselvan.S**, “Automatic Generation of GAME Level”, First National Conference on February 27<sup>th</sup> of 2012, EBET Group of Institutions.
- **Muthamilselvan.S**, “E-DOC Wallet Using Block chain”, Proceedings of the 3rd International Conference on Communication and Electronics Systems, ICCES 2018, PPG Institute of Technology, Coimbatore.
- **Muthamilselvan.S**, “IN-CAR NAVIGATION SYSTEM SOFTWARE FOR NEXPLORED AREAS”,INTERNATIONAL CONFERENCE ON RECENT TRENDS IN ENGINEERING AND SCIENTIFIC TECHNOLOGY, RATHINAM SCHOOL OF ARCHITECTURE.
- **Muthamilselvan.S**, “Accurate Learning for Uncertainty estimation based on Fuzzy Decision Tree”, National Conference on March 16<sup>th</sup> of 2013, Dhanalakshmi Srinivasan College of Engineering, Perambalur.
- **Muthamilselvan.S**, “Accurate Learning for Uncertainty estimation based on Fuzzy Decision Tree”, National Conference on March 02<sup>nd</sup> of 2013, Srinivasan College of Engineering,Perambalur.
- **Muthamilselvan.S**, “Social Tube : P2P Assisted Video Sharing in Online Social Networks”, National Conference on March 19<sup>th</sup> of 2014, Dhanalakshmi Srinivasan College of Engineering, Perambalur.
- **Muthamilselvan.S**, “Android Application for Emergency Helpline Services”, Proceedings of the International Conference on Communication and Electronics Systems,ICCES2018,PPG Institute of Technology, Coimbatore.

## OTHER RESPONSIBILITIES FOR COLLEGE AND UNIVERSITY:

1. HEAD OF THE DEPARTMENT(i/c)
2. Academic coordinator
3. Admission In charge
4. Talent Enabler in Sri Sairam Engineering College
5. Captain in Leo Club
6. Mentor
7. Faculty Counselor
8. Project Coordinator
9. Anti-Ragging Committee Coordinator–RamapuramCampussince2017.
10. Organized a BLOOD DONATION CAMP in SRM Institute of Science and Technology Ramapuram.
11. Question Paper setter and evaluator,SRM University,Chennai.

## LIST OF SEMINAR/SHORT TERM COURSE/FDP/WORKSHOP ATTENDED

| S.No | Title  | Event  | Venue   | Date                            |
|------|--|--|---|---------------------------------|
| 1    | Certificate in .Net Programming                        | National level Workshop                        | Mailam Engineering College, Villupuram                    | 17.07.2012<br>To<br>20.07.2012  |
| 2    | Software Testing Methodologies (STM'10)                | Workshop                                       | Anna University, Tiruchirappalli                          | 01.10.2010<br>And<br>02.10.2010 |
| 3    | Teaching Methodologies                                 | Workshop                                       | Anna University, Tiruchirappalli                          | 05.03.2011                      |
| 4    | Mission 10X  | Workshop                                       | Dr. Navalar Nedunchezhiyan Engineering College, Tholudur. | 14.11.2011<br>To<br>18.11.2011  |
| 5    | INTELLECTUAL PROPERTY RIGHTS                           | Workshop                                       | SRM Institute of Science and Technology                   | 22.04.2020                      |
| 6    | Time Series Data Analysis using Machine Learning       | FDP  | SRM Institute of Science and Technology                   | 24.04.2020                      |
| 7    | Robotics Process Automation                            | FDP  | Jeppiaar Institute of Technology                          | 04.05.2020<br>to<br>05.05.2020  |
| 8    | Cyber Security   | FDP  | Vignana Bharathi Institute of Technology, Hyderabad       | 14.05.2020                      |
| 9    | Art of Writing Research Articles and Funding Proposals | FDP  | Manakula Vinayagar Institute of Technology, Puducherry    | 21.5.2020 to<br>23.5.2020       |
| 10   | Cyber Security   | AICTE Training And Learning (ATAL) Academy FDP | Dr. M.G.R. Educational And Research Institute             | 04.01.2021<br>to<br>08.01.2021  |

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|----|--|--|---|--------------------------------------|
| 11 | Deeper Insights into Machine Learning Algorithms                   | Workshop   | SRM Institute of Science and Technology                             | 26.07.2021 to 28.07.2021             |
| 12 | IPR Awareness-Creativity & Innovation                              | Workshop   | SRM Institute of Science and Technology                             | 11.08.2021                           |
| 13 | AI and ML in Image Processing and Analysis                         | FDP  | SRM Institute of Science and Technology                             | 29.11.2021 to 10.12.2021             |
| 14 | <b>Introduction to Machine Learning NPTEL ONLINE CERTIFICATION</b> | <b>NPTEL ONLINE CERTIFICATION</b>                | <b>IITMADRAS COURSE COMPLETED and GOT 67% IN FINAL EXAM</b>         | <b>JUL-OCT 2021 (12 WEEK COURSE)</b> |
| 15 | <b>Cloud Computing</b>   | <b>NPTEL ONLINE CERTIFICATION</b>                | <b>IITMADRAS COURSE COMPLETED and GOT 77% (Elite) IN FINAL EXAM</b> | <b>JAN-APR 2024 (12 WEEK COURSE)</b> |
| 16 | <b>Entrepreneurship</b>  | <b>NPTEL TOP PERFORMING MENTOR CERTIFICATION</b> | <b>IITMADRAS</b>  | <b>JUL-DEC 2024 (12 WEEK COURSE)</b> |
| 17 | <b>Design &amp; Implementation of Human-Computer Interfaces</b>    | <b>NPTEL TOP PERFORMING MENTOR CERTIFICATION</b> | <b>IITMADRAS</b>  | <b>JUL-DEC 2023 (12 WEEK COURSE)</b> |

### **EXTRA-CURRICULAR ACTIVITIES:**

- Organized as Coordinator National Level Symposium “**AIRO 3.0**” in Sri Sairam Engineering College on 17<sup>th</sup> October 2023.
- Organized as Coordinator “National Conference on Advancement in Artificial Intelligence and Emerging Trends” in Sri Sairam Engineering College on 03<sup>rd</sup> November 2022 & 04<sup>th</sup> November 2022.
- Organized as Coordinator “IEEE SPAX sponsored Professional Event QUINTESSENCE NEXUS 2.0 ” in Sri Sairam Engineering College on 26<sup>th</sup> December 2024 & 27<sup>th</sup> December 2024.
- Presented a Two days Guest Lecture as “Compiler Design” at Dr. Navalar Nedunchezhiyan College of Engineering.
- Organized a BLOOD DONATION CAMP in SRM Institute of Science and Technology Ramapuram.
- Completed Four NPTEL Course.
- Presented a paper on National Conference Entitled as “**Accurate Learning for Uncertainty Estimation Based**

**on Fuzzy Decision Tree**” at Dhanalakshmi Srinivasan Engineering College.

- Presented a paper on National Conference Entitled as “**Accurate Learning for Uncertainty Estimation Based on Fuzzy Decision Tree**” at Srinivasan Engineering College.
- Presented a paper on National Conference Entitled as “Social tube: p2 assisted video sharing in online social network” at Srinivasan Engineering College
- Exam Cell Coordinator
- Admission Cell Incharge
- Organized as Coordinator National Level Student Technical Symposium “**FLAMES’11**” in Dr. Navalar Nedunchezhiyan College of Engineering on 28<sup>th</sup> and 29<sup>th</sup> January 2011.
- Organized as Coordinator National Level Student Technical Symposium “**FLAMES’12**” in Dr. Navalar Nedunchezhiyan College of Engineering on 28<sup>th</sup> and 29<sup>th</sup> January 2012.
- Organized as Coordinator Two days Workshop entitled “**Android Mobile Application**” during 13 & 14 AUG 2010.
- Organized as Coordinator National Level Student Technical Symposium “**FLAMES’13**” in Dr. Navalar Nedunchezhiyan College of Engineering on 01<sup>st</sup> and 02<sup>nd</sup> January 2013.
- Organized as Coordinator National Level Workshop “**ADVANCED JAVA TECHNOLOGY-HIBERNATE/SPRING’13**” in Dr. Navalar Nedunchezhiyan College of Engineering on 23<sup>rd</sup> March 2013.
- Organized as Coordinator National Level Student Technical Symposium “**FLAMES’14**” in Dr. Navalar Nedunchezhiyan College of Engineering on 15<sup>th</sup> February 2014.

## EDUCATIONAL QUALIFICATION

|                   |   |
|-------------------|---|
| <b>2009-2013</b>  | <b>M.E(Computer Science and Engineering)</b><br><i>(First Class)</i><br>Anna University(BIT) Campus,Tiruchirappalli,TamilNadu, India                  |
| <b>2004-2008</b>  | <b>B.E(Computer Science and Engineering)</b><br><i>(First Class)</i><br>Dr.Navalar Nedunchezhiyan College of Engineering,Tholudur.<br>Anna University |
| <b>April-2003</b> | <b>Higher Secondary Certificate (HSC–Matriculation)</b><br>Subramaniya Bharathiyar Matriculation Hr.Sec. School,<br>Bhuvanagiri.                      |
| <b>April-2001</b> | <b>Secondary School Leaving Certificate (SSLC–Matriculation)</b><br>Subramaniya Bharathiyar Matriculation Hr.Sec.School,<br>Bhuvanagiri.              |

**Declaration:** I hereby declare that all the information mentioned above is true to my knowledge and I have all supporting documents for the facts mentioned above.

(MUTHAMILSELVAN.S)