



## Department of Computer Science and Engineering Research Center

### Ph.D. Awardees

| SN | USN        | Scholar Name                    | Supervisor Name         | Title                                                                                                  | Part/Full Time | Date of Registration | Year of Awarded |
|----|------------|---------------------------------|-------------------------|--------------------------------------------------------------------------------------------------------|----------------|----------------------|-----------------|
| 1  | 1SJ13PEN03 | Uma Shankar M L                 | Dr. Anitha T N          | Optimal Activation of Sensors in an Energy Efficient manner in Wireless Sensor Networks                | PT             | 19.10.2013           | 2021            |
| 2  | 1SJ14PEN04 | Shilpa Shree                    | Dr. Anitha T N          | Security enhancement in wireless network using Machine Learning approach                               | PT             | 04.02.2014           | 2021            |
| 3  | 1SJ17PEA01 | Vikas Reddy S                   | Dr. S N Chandra Shekara | A Novel Approach to Cyber Security for IoT                                                             | PT             | 25.01.2017           | 2021            |
| 4  | 1SJ16PEJ01 | Bhanumathi S                    | Dr. S N Chandra Shekara | A Novel Approach for lung cancer detection.                                                            | PT             | 20.11.2015           | 01.08.2023      |
| 5  | 1SJ16PEJ04 | Susheelamma KH                  | Dr. Ravikumar K M       | Performance Analysis Of Machine Learning Algorithms To Predict Students Learning Behaviour.            | PT             | 01.02.2016           | 01.08.2023      |
| 6  | 1SJ15PEJ03 | Devaraju B M                    | Dr. G T Raju            | Framework for Detection and Prevention of Malicious Nodes in Wireless Sensor Networks for Improved QoS | PT             | 30.03.2015           | 07.12.2023      |
| 7  | 1SJ19PCS01 | Priyanka Chandrashekar Hiremath | Dr. G T Raju            | Recommender System for Geo-Social Access Control Framework.                                            | FT             | 29.05.2019           | 29.06.2024      |
| 8  | 1SJ18PCS01 | Shrinivas Vithalrao Biradar     | Dr. G T Raju            | Web Objects Review Through Sentiment Analysis.                                                         | PT             | 29.12.2017           | 30.01.2025      |
| 9  | 1SJ19PCS02 | Manjula L                       | Dr. G T Raju            | Efficient IoT network resilient to DDoS attacks.                                                       | PT             | 21.01.2020           | 03.04.2025      |
| 10 | 1SJ19PCS03 | Ramesh K V                      | Dr. G T Raju            | Performance Optimization of Cloud applications using storage benchmarking.                             | PT             | 25.03.2019           | 08.04.2025      |
| 11 | 1SJ19PCS04 | Shwetha G R                     | Dr. Murthy SVN          | An Energy Aware and Fault Tolerance Routing Protocol for Heterogeneous Wireless Sensor Networks.       | PT             | 29.05.2019           | 28.06.2025      |



## Department of Computer Science and Engineering Research Center

### Ph.D. Scholars

| SN | USN        | Scholar Name             | Supervisor / Co-Supervisor Name | Title                                                                                                                                                      | Part/ Full Time | Date of Registration | Status                   | Domain Experts                          | Domain                     |
|----|------------|--------------------------|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|----------------------|--------------------------|-----------------------------------------|----------------------------|
| 1  | 1SJ15PEJ01 | Satheesh Chandra Reddy S | Dr. S N Chandra Shekara         | Adaptive System for Teaching and Learning.                                                                                                                 | PT              | 30.12.2014           | Colloquium Completed     | Dr. K G Mohan<br>Dr. Ramesh Babu        |                            |
| 2. | 1SJ15PEJ02 | Kalaiah J B              | Dr. S N Chandra Shekara         | Design of Reconfigurable Architecture for Medical Image Restoration for FPGA.                                                                              | PT              | 18.03.2015           | Colloquium Completed     | Dr. Hanumantharaju<br>Dr. Krishna AN    | Image Processing           |
| 3  | 1SJ17PEA05 | Rakshitha Prabhu         | Dr. S N Chandra Shekara         | Cyber Data Analysis based on Chaotic Neural Network.                                                                                                       | PT              | 25.01.2018           | Thesis Submitted         | Dr. Vidya A<br>Dr. Vishwanath Hulipad   | Networks                   |
| 4  | 1SJ20PCS01 | Mamatha G                | Dr. G T Raju                    | Approach to Monitor and Mitigate threats in IoT Environment.                                                                                               | PT              | 31.12.2021           | Open Seminar-2 Completed | Dr. Satish Kumar T<br>Dr. Bharathi M    | IoT                        |
| 5  | 1SJ21PCS01 | Divakar K M              | Dr. Murthy SVN                  | Intelligent and Smart Irrigation System Using IoT                                                                                                          | PT              | 05.05.2023           | Coursework Completed     | Dr. Swathi K<br>Dr. Kempanna M          | IoT                        |
| 6  | 1SJ21PCS02 | Pradeep Kumar G M        | Dr. Murthy SVN                  | Development Of Novel Approach For Cancer Prognosis Using Advanced Deep Learning Algorithms                                                                 | PT              | 05.05.2023           | Coursework Completed     | Dr. SN Chandra Shekara<br>Dr. Geetha J  | Deep Learning              |
| 7  | 1SJ20PCS02 | Swetha T                 | Dr. Sessaiah M                  | Implementing an ensemble learning framework for enhanced malicious URL and intrusion detection in cloud systems through deep learning techniques.          | PT              | 31.12.2021           | Open Seminar-2 Completed | Dr. Hemalatha K L                       | Cloud Computing            |
| 8  | 1SJ22PCS01 | Badrinath K              | Dr. Vikasreddy S                | Elucidating the intelligent mental depression classification model using weighted feature integration based dilated deep learning network using EEG signal | PT              | 01.02.2024           | Registered               | Dr. Prasad AY<br>Dr. Ananda Kumar KS    | Deep Learning              |
| 9  | 1SJ22PCS02 | S Balakrishna Reddy      | Dr. Sessaiah M                  | Neural Network based Malware detection model for Securing Android IoT Devices.                                                                             | PT              | 01.02.2024           | Registered               | Dr. Bhagappa                            | IoT and Networks           |
| 10 | 1SJ22PCS03 | Srinath G M              | Dr. Bharathi M                  | A novel Augmented Classification Of MRI Images Using Deep Learning And Machine Learning Algorithms.                                                        | PT              | 01.02.2024           | Coursework Completed     | Dr. Girija J<br>Dr. Nirmala S<br>Guptha | Image Processing and AI&ML |



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|----|------------|-----------------|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|----|------------|--------------------------|-----------------------------------------|----------------------------|
| 11 | 1SJ22PCS04 | Kavyashree J    | Dr. Vikasreddy S                          | A Block chain based privacy leakage prediction for Cloud forensic using improved Cryptography Techniques.                | PT | 01.02.2024 | Coursework Completed     | Dr. Chandrashekar DK<br>Dr. Seshaiiah M | Cloud Computing            |
| 12 | 1SJ20PCS03 | Rashmi K A      | Dr. Vikasreddy S                          | Security aware profit focused VM migration over cross-channel attacks in cloud federation                                | PT | 31-12-2021 | Open Seminar-1 Completed | Dr. Prasanna Lakshmi GS                 | Cloud Computing            |
| 13 | 1SJ23PCS03 | Vindya L        | Dr. Murthy SVN                            | Adaptive Machine Learning based intrusion detection system for Smart IoT Networks                                        | PT | 01-10-2024 | Registered               | Dr. Vikas Reddy S<br>Dr. Anil Kumar C   | IoT and Network            |
| 14 | 1SJ23PCS02 | Kiran Kumar P N | Dr. Manjunatha Kumar B H                  | Design and implementation of efficient strategies to build knowledge graph in resources constrained environment.         | PT | 01-10-2024 | Registered               | Dr. Bhanumathi<br>Dr. Achutha Prasad    | NLP                        |
| 15 | 1SJ23PCS01 | Dhanushree A N  | Dr. Bharathi M<br>Dr. Nirmala S<br>Guptha | Investigating and developing the application of data science in agriculture to analyze environmental and biological data | PT | 01-10-2024 | Registered               | Dr. Shrihari M R<br>Dr. Deepika Lokesh  | Data Analytics             |
| 16 | 1SJ23PCS04 | Swathi J A      | Dr. Shrihari M R                          | A novel approach for optimising the data quality and management using the data centric AI                                | PT | 01-10-2024 | Registered               | Dr. Sowmya<br>Dr. Nagaraj G             | Data Analytics & AI        |
| 17 | 1SJ23PCS05 | Vinod Kumar C   | Dr. Seshaiiah M                           | Predictive Modelling of Breast cancer with Machine Learning Algorithm                                                    | PT | 01-10-2024 | Registered               | Dr. G Murali<br>Dr. Shrihari M R        | Image Processing and AI&ML |
| 18 | 1SJ23PCS01 | Supriya         | Dr. Seshaiiah M                           | A novel AI based approach to image forensics for next-generation deepfake detection.                                     | PT | 31-05-2025 | Registered               | Dr. Swathi S                            | Image Processing and AI&ML |