



# CENTRE FOR RESEARCH

ANNA UNIVERSITY, CHENNAI-600 025



PRINT DATE : 03.07.2026 13:36:25

## DETAILS OF RESEARCH SUPERVISOR

|                                                                         |                                                                                                      |
|-------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|
| Name / Reference No.                                                    | Dr. SELVAPERUMAL S / 2330206                                                                         |
| Designation                                                             | Professor                                                                                            |
| Nature of Appointment                                                   | Regular                                                                                              |
| Department                                                              | Department of Electrical and Electronics Engineering                                                 |
| College/Organization Address                                            | NPR College of Engineering and Technology, Natham, Dindigul - 624 401                                |
| Mobile No.                                                              | 9940790400                                                                                           |
| E-mail ID                                                               | perumal.om@gmail.com                                                                                 |
| Area of Specialization                                                  | Electrical Engineering, Power Electronics, Power System Optimization, Control Systems and Soft Compu |
| Anna University Recognised Research Department/Centre/Institute of Code | 4583208                                                                                              |

## List of Research Scholars who have completed their Ph.D/M.S(By Research) under the guidance of Dr.SELVAPERUMAL S

| S.No. | Degree | Name of the Scholar  | Reg. No.    | Title of the Thesis                                                                                                                                             | Viva Date  |
|-------|--------|----------------------|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 1.    | Ph.D.  | Pounraj K            | 20103062015 | DYNAMIC PERFORMANCE INVESTIGATION OF D-Q MODEL BASED UPFC WITH VARIOUS CONTROLLING TECHNIQUES                                                                   | 23.04.2015 |
| 2.    | Ph.D.  | Gomathy V            | 11110412004 | CERTAIN INVESTIGATIONS ON FAULT DETECTION AND CLASSIFICATION OF TRANSFORMER AND THREE PHASE INVERTER BY USING OPTIMIZATION TECHNIQUES                           | 20.12.2016 |
| 3.    | Ph.D.  | Rajaram S.p          | 2011130003  | COMPUTATION OF STEADY STATE VOLTAGE STABILITY MARGIN OF A POWER SYSTEM USING EVOLUTIONARY ALGORITHM                                                             | 21.07.2017 |
| 4.    | Ph.D.  | Balamurugan N        | 2012130018  | CERTAIN INVESTIGATIONS ON DYNAMIC PERFORMANCE ANALYSIS OF THREE PHASE INDUCTION MOTOR DRIVE USING ANTIWINDUP AND FUZZY GAIN SCHEDULING WITH VARIOUS CONTROLLERS | 28.08.2018 |
| 5.    | Ph.D.  | Prabhakar G          | 1514379171  | MODELLING, CONTROL AND CYBER THREAT MITIGATION FOR NONLINEAR PHYSICAL SYSTEMS IN REAL TIME OPERATING SYSTEM ENVIRONMENT                                         | 17.10.2018 |
| 6.    | Ph.D.  | Ramasubramanian B    | 1515479731  | AN EFFICIENT APPROACH FOR THE DETECTION OF DIABETIC RETINOPATHY USING RETINAL IMAGE PROCESSING                                                                  | 27.12.2018 |
| 7.    | Ph.D.  | Sivagama Sundari M S | 20117301033 | CASCADED H-BRIDGE MULTILEVEL INVERTER CONTROL FOR GRID CONNECTED DC POWER SOURCE                                                                                | 29.03.2019 |
| 8.    | Ph.D.  | Shyamala A           | 2011240010  | CERTAIN INVESTIGATIONS ON MOVING VEHICLE DETECTION AND CLASSIFICATION USING SOFT COMPUTING TECHNIQUES                                                           | 24.07.2020 |

|     |       |                            |             |                                                                                                                                                             |            |
|-----|-------|----------------------------|-------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 9.  | Ph.D. | Lakshmi Kanthan Bharathi S | 1512379791  | IMPROVING POWER QUALITY USING UNIFIED POWER QUALITY CONDITIONER BASED ON MULTILEVEL TOPOLOGY                                                                | 15.02.2021 |
| 10. | Ph.D. | Veera Manikandan P         | 1514379789  | CERTAIN INVESTIGATIONS ON PERFORMANCE IMPROVEMENT OF STANDALONE RENEWABLE ENERGY SYSTEMS                                                                    | 16.07.2021 |
| 11. | Ph.D. | Krishnamoorthy N           | 1614379119  | CERTAIN INVESTIGATIONS ON SOFT STARTING OF THREE PHASE INDUCTION MOTOR                                                                                      | 25.03.2022 |
| 12. | Ph.D. | Nedumal Pugazhenth P       | 1314389740  | DEVELOPMENT OF ADVANCED CONTROL SCHEME FOR NONLINEAR PROCESS USING SOFT COMPUTING TECHNIQUES                                                                | 31.05.2023 |
| 13. | Ph.D. | Monesha S                  | 1623319172  | PERFORMANCE ANALYSIS OF DISTRIBUTED POWER SYSTEMS USING OPTIMIZED ERROR DYNAMICS PASSIVE OUTPUT FEEDBACK CONTROL WITH IMPROVED WHALE OPTIMIZATION ALGORITHM | 19.07.2024 |
| 14. | Ph.D. | Ahamed Hussain Asif N      | 18183797107 | METAHEURISTIC OPTIMIZATION OF FACTS DEVICES IN DEREGULATED MARKETS USING MARINE PREDATORS AND GIANT TREVALLY ALGORITHMS                                     | 29.10.2025 |
| 15. | Ph.D. | Murugeswari P              | 19244897310 | CERTAIN INVESTIGATIONS ON ENHANCED SMART GRID EFFICIENCY THROUGH DEMAND SIDE MANAGEMENT AND HEURISTIC ALGORITHMS                                            | 09.01.2026 |