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| **RESEARCH GUIDES** | | | | | | | | |
| **S. No.** | **Name of the Research Supervisor** | **Designation** | **Department** | **Completed** | **Name of the scholar** | **Year of registration of the scholar** | **Title of the thesis for scholar** | **Year of award of Ph.D** |
| 1 | Dr. T. Porselvi | Associate Professor | Economics | 5 | R. Geetha |  | Inclusive Growth Through the Tribal Development Programmes A Study in Pachamalai Hills of Tamilnadu | 2015 |
| P. Devimariyammal | 2013 | An economic analysis of Grapes Production and Marketing in Dindugal District of Tamilnadu | 2019 |
| I. Latha | 2013 | A Study on Wholesale Market in Dindugal District of Tamilnadu | 2019 |
| V. Shanthi | 2014 | A Study on the Bovine Economy in Pudukkotai District of Tamilnadu | 2020 |
| S. Kalaivani | 2014 | An Economic Study on the Problems and Prospects of small Scale Industries in Dindugal District of Tamilnadu | 2020 |
| N. Thilagavathi | 2017 | An Economic Analysis of Work Life Balance of Women Professionals in Tiruchirapalli District Tamilnadu |  |
| 2 | Dr. K. Karunakaran | Assistant Professor | Economics | 1 | S.Suguna | 2014 | A Study of the Changing Cropping patter at Pachamalai Tribal Area, Tirchirappalli District, Tamilnadu |  |
| R.Mohana |  | A Study on role and Performance of Primary Agricultural Cooperative Credit Society in Pudukkottai District, Tamilnadu | 2020 |
| P.Arumugam | 2017 | Role and Perfomance of State and Non-State Institutions in Generating Employment and Income for the Rural Communities in Tiruchirapalli District, Tamilnadu. |  |
| 3 | Dr. K.T. Tamilmani | Associate Professor | English | - | R. Lakshmi | 2019 | Canadian Literature - Post Modern Fiction |  |
| R. Nagalakshmi | 2019 | An Intertextual Reading of the select short stories of Joyco Carol Oates |  |
| A. Susai Devanasan | 2019 | A Study on Humanistic Perceptions in the select Novels of Walker Percy |  |
| 4 | Dr. S. Rajendran | Associate Professor | Tamil | - | P. Vanitha | 2017 | Tamil Elakiya Ethalgalil Sirukathaigal |  |
| B. Chozhan | 2017 | Naveena Kavigargal Parvaiyel Marabilakiyam |  |
| N. R. Sakthivel | 2018 | Naveena Tamil Kavithaigal |  |
| P. Vasuhi | 2019 | Tamil Sirukathaigal |  |
| 5 | Dr. K. Geetha | Assistant Professor | Tamil | - | - | - | - | - |
| 6 | Dr. V. R. Vijayalakshmi | Assistant Professor | Tamil | - | - | - | - | - |
| 7 | Dr. M. Mary Anbumathi | Assistant Professor | Commerce | - | M.Shuhaib | 2019 | A Study in the impact of tourism Development on the economic life of the people |  |
| D. Velumani | 2019 | Foreign Direct Investment (FDI) and its Impact on Indian Economy |  |
| 8 | Dr. T. Gayathri | Assistant Professor | Commerce | - | S. Dhanaselvi | 2015 | A Study on Marketing of Poultry products in Namakkal District- Tamilnadu |  |
| C. Muthuraj | 2015 | Comparative Study on E-Banking between Nationalized and Private Sector Banks in Dindigual District |  |
| D.Rajkumar | 2016 | Examing on Technical Automation in Textiles industries at Tirupur |  |
| S. Preethi | 2019 | A Study on Consumer products search and purchasing Behaviour in Social Shopping Communities in Chennai |  |
| 9 | Dr. C.Sasikumar | Associate Professor | Botany | 6 | Mr.S. Sriram | 2010 | Therapeutic effect of *Barleria montana* Wight &Nees leaf extract on inflamation and ulcer in albino wister rats . | 2014 |
| Mrs. V. Meena | 2011 | Scientific validation and evaluation of Hepatoprotective potential of leaf extract of *Hiptage benghalensis*(L.)Kurz. | 2014 |
| Mrs. J. Kavitha Srilakshmi | 2010 | Pharmacognostic standardization, Anti- inflammatory and Anti- ulcer evaluation of Leaf extract of V*eronia arborea* Buch-Ham. | 2014 |
| Mr. V. Guruchandran | 2011 | *In vitro* organogenesis and genetic diversity studies of *Stevia rebaudiana* Bert. | 2014 |
| Mr. N. Subash | 2012 | Studies on bioremediation of polycyclic aromatic hydrocarbons with reference to ligninolytic potential of selected fungi and bacteria. | 2016 |
| R.Shalini | 2014 | Biodegradation of Low Density Polyethylene (LDPE) materials using selected bacterial fungal isolates from municipal wastes of Tiruchirappalli district | 2020 |
| 10 | Dr.M.Meenashisundaram | Assistant Professor | Biotechnology | 2 | M.Pramila | 2014 | Quorum quenching in pathogenic organism by using green biosynthesis of Nanoparticles | 2020 |
| R. Rameswari | 2013 | *In vitro* studies on Isolation screening and Production of Polyhydroxy Butyrate using Bio effluents as substrate | 2020 |
| 11 | Dr. A. Sekar | Associate Professor | Chemistry | 1 | K. Palanisamy | 2014 | The Inhibition of corrosion of carbon steel by some Heterocyclic compound Derivative in aqueous medium |  |
| M. Mhonraja | 2014 | Biomimic system for activation of Oxygen Molecule with the enzyme Peroxidase | 2020 |
| F. Paularokiadoss | 2014 | Quantum Chemical Investigations on Reaction Mechanism |  |
| Mr.P. Rajivgandhi | 2018 | Synthesis and Characterization of heteroatom doped Porous carbon for Super capacitor application |  |
| P. Jothimurugan | 2018 | Green Synthesis and Characterization of Zinc oxide Nanoparticles from Medicinal Plants |  |
| 12 | Dr. D. VijiSaral Elizabeth | Associate Professor | Chemistry | 2 | S.Arumugam | 2012 | Isolation, Characterization and Biological Acitivity of Medicinally Important Plants | 2018 |
| P. Ramachandran | 2012 | Evaluation of Phytochemical potential of selected Medicinal Plants in India | 2018 |
| R. Shanmuga Priya | 2017 | Phytochemical, pharmacological Studies and Biological Assays of Drug Lead Compounds of Selected Medicinal Plants in India |  |
| J. Shoba | 2017 | Analysis of selected Indian Medical plants as Antioxidants with Therapeutic Potential and Physiological Effects Related to Free Radical Damage |  |
| 13 | Dr. M. Umadevi | Assistant Professor | Chemistry | - | A.Mumthaj | 2019 | Synthesis of Chalcone Derivatives for Chemosensors / Biosensors' |  |
| N. Shanthi | 2017 | Synthesis, Characterization and Applications of Mixed Metal Oxide Nano Structures |  |
| A. Nihath Naleen | 2017 | Synthesis, Structure, Invitro DNA Binding properties of Transition Metal Complexes |  |
| S. Bhuvaneswari | 2017 | ‘Synthesis and Structural Studies of Chemotherapeutic Agents Based on Transition Metal Complexes’ |  |
| 14 | Dr. M. Ramesh | Assistant Professor | Chemistry | - | K. Govindharajan | 2018 | Studies on Coordination Chemistry of Mannich Bases Derived From 8-Hydroxyquinoline |  |
| S. Anbukarasi | 2018 | Metal Complexes of New Mannich Bases Derived from Phthalimide And Succinimide |  |
| 15 | Dr.A.Idhayadhulla | Assistant Professor | Chemistry | - | C. Sathiskumar | 2017 | Benzopyran core Design and synthesis of some novel analogues and their evaluation of biological activities |  |
| S. Keerthana | 2017 | Synthesis and biological screening of some novel Anthraquinone analogs |  |
| D. Arockiasamy | 2017 | Design, synthesis, and bioactive evaluation of novel fused pyrazolo-pyrimidine and pyrazolo-pyrazole heterocyclic derivatives |  |
| M. Arunadevi | 2019 | Metal oxide catalysis mediate synthesis of naphthofuran, benzofuran core natural products and their screening various biological activities |  |
| 16 | Dr. R. Surendrakumar | Assistant Professor | Chemistry | - | P. Gobinath | 2017 | Development of new methodologies for synthesis of bioactive bicyclic hetero molecules |  |
| P. Packialakshmi | 2018 | Novel curcumin based heterocyclic derivatives; Design and biological evaluation via Green chemistry approach |  |
| Mr.S.Neelakandan | 2018 | Synthesis of novel quinolone derivatives and their pharmacological applications |  |
| 17 | Dr. A. R. Ponperiasamy | Associate Professor | Computer Science | 2 | Tmt.D.Nalini | 2013 | Artificial Neural Methods for the Detection of Heart Disease and Storke using Data Mining | 2018 |
| K.Arutchelvan | 2013 | Cancer Prediction using Datamining Techniques | 2018 |
| GAYATHRI V | 2016 | Comparision of Health Care Data Mining Techniques |  |
| CHANDAMONA M | 2016 | Data Mining Models for predicition of liver Disorder |  |
| Narayanan G | 2015 | Web resources development using ontologies |  |
| PADMANAYAKI S | 2016 | Data Minig Techniques for High yield prediction in Data Palm |  |
| THENMOZHI E | 2016 | Data Mining approach to simulate farmers |  |
| MOHAN S | 2017 | Diagnosis of skin diseases using data mining techniques |  |
| MISBAHULHUDA A | 2016 | Software flaw prediction system using data mining |  |
| Vijayasree V | 2013 | Intelligent customer relationship manafement system using Data Mining Techniques |  |
| Rajalakshmi R | 2013 | Mobile Network Development Using Software Radio Technology |  |
| Veeramuthu P | 2013 | Analysis of Higher Education system using Datamining Techniques |  |
| Shamrila Devi P | 2014 | Data Mining Techniques for Agriculture Developments |  |
| 18 | Dr.S. Murugan | Associate Professor | Computer Science | 2 | V. Priya | 2016 | Analysis of frequent Itemset mining in transactional database for enhancing the performance Patterns |  |
| G. Gunasekaran | 2016 | IMPROVE THE EFFICIENCY OF ASSOCIATION RULE MINING ALGORITHM USING FP-TREE AND FP-GROWTH APPROACH |  |
| P. Sumathi | 2017 | CONSTRUCTUNG EFFICIENTH FREQUENT PATTERN MINING ALGORITHMS FOR ASSOCIATION RULE MINING |  |
| S. Josephine | 2017 | DIAGNOSING BRAIN TUMOR USING MINING ALGORITHMS AND IMAGE PROCESSING TECHNIQUES | 2020 |
| S. Padhmapriya | 2017 | AN ANALYSIS OF WEB LEARNING SYSTEM FOR AUTISM STUDENTS WITH DEPLOYMENT OF DATA MINING TECHNIQUES |  |
| R. Karthika | 2017 | DETECT AND LOCALIZE THE TEXT USING HYBRID APPROACH IN DATA MINING |  |
| I. Eswari | 2017 | RESOURCE UTILIZATION FACTOR BASED ON ENERGY SAVING IN GREEN CLOUD COMPUTING |  |
| R. Vasumathi | 2018 | ENHANCING SECURITY AND PRIVACY OF THE DATA USING ASSOCIATION RULE MINING ALGORITHMS | 2020 |
| 19 | Dr. K. Mani | Associate Professor | Computer Science | 7 | A.Mullai | 2014 | A Study on Security issues in Mobile Computing Applications |  |
|
| R.Mohana Krishnan | 2014 | Optimizing the Virtualization in Cloud Computing Environments | 2020 |
| N.Elavarasan | 2014 | Enhanced Feature Extraction Algorithms to Improve the Classification Accuracy | 2020 |
| P.Kalpana | 2014 | An Analysis of filter-based feature subset selection algorithms for classification | 2019 |
| M.Viswambari | 2015 | Increasing the Operational Speed and Enhancing the Security in CryptographicAlgorithms | 2018 |
| A.Devi | 2015 | Efficient Encoding And Key Generation Techniques To Enhance The Security Of Compressed Cryptosystems | 2019 |
| R.Mahendran | 2015 | An Integrated Approach For Enhancing The Data Security Using Coding Theory And Cryptography | 2019 |
| R. Akila | 2015 | Performance Evaluation of Association Rule and Classification Techniques |  |
| S. Prasanth Sivasubramanian | 2018 | Efficient Sevice Discovery Mechanism in Mobile AD-HOC Networks using Clustering |  |
| A. Barakath Begam | 2018 | An Analusis of Cryptographic and Steganographic Techniques | 2021 |
| 20 | Dr. V. Saavithiri | Assistant Professor | Mathematics | 1 | R.Poornima | 2010 | Mathematical models using Lehmann type Laplace distributions | 2014 |
| G.Shyamala | 2010 | A Study on Compound Co-Poisson processes |  |
| J.Priyadharshini | 2016 | A Study on compand Com-Poisson Distribution and its applications | 2020 |
| S.Thilagarathinam | 2016 | A Study on Com-Poisson Neyman type a Distribution and its applications |  |
| 21 | Dr. J. Geetha | Assistant Professor | Mathematics | - | - | - | - | - |
| 22 | Dr.V.Mohanaselvi | Assistant Professor | Mathematics | 4 | M. Suresh | 2015 | A Study on Detour radial graphs, b-radial graphs and detour b-radial graphs | 2019 |
| K. Deiwakumari | 2015 | A Study on some (1,2) edge domination parameters in graphs | 2019 |
| P. Kavitha | 2015 | A Study on some legendary domination parameters in graphs | 2019 |
| V. Hemalatha | 2015 | A Study on some super and radio geometric mean | 2019 |
| R. Udhayakumari | 2016 | A Study on one edge isolated domination in graphs |  |
| S. Nithya | 2017 | A Study on adjacency incidence and laplacian matrices of some Roman domination parameters in graphs. |  |
| 23 | Dr. S. Kumararaman | Associate Professor | Physics | 3 | R.Tamil selvan | 2013 | High Pressure studies on the transport properties of few strongly correlated systems | 2017 |
| T.Thila | 2008 | Studies on the growth and charterization of Glycine and thaiourea based non linear optical Crystal | 2013 |
| S. Muruganantham | 2014 | Non- Linear Optical Crystal |  |
| P. Veeraragavan | 2016 | Growth and Characterization of Rare Earth Maganates and Charge Ordering Studies | 2020 |
| T.S. Saraswathi | 2017 | Studies on Biologicaly important NLO Crystals |  |
| 24 | Dr. A. Venkatesan | Associate Professor | Physics | 2 | R.Gopal | 2010 | Emergence of Collective Dynamical states In coupled Nonlinear Oscillators: Genesis and Chareterisation | 2017 |
| P.R.Venkatesh | 2010 | Effect of external Perturbation on certain Nonlinear Dynamical System : Application controlling ofChaos and Implementation of Fundamental Logic gates | 2017 |
| R. Kabilan | 2010 | Nonlinear Dynamics |  |
| M. Sathish Aravindh | 2016 | Strange nonchatotic attractors in nonlinear dynamical system : Genesis, characterization and applications |  |
| R. Kavitha | 2016 | Nonlinear dynamics |  |
| P. Ashokkumar | 2016 | Nonlinear dynamics |  |
| S. Deshaka | 2018 | Design and implementation of fundamental logic elements and memory device using nonlinear dynamical systems |  |
| R. Venkatesh | 2018 | Investigation of vibrational and ghost vibrational resonances in certain nonlinear system |  |
| 25 | Dr. A. Rajendran | Associate Professor | Physics | 2 | T.Kavitha | 2008 | Sol-Gel Synthesis of TiO2-SiO2 Nanocomposite and their Nanofluids for Heat Transfer Applications | 2017 |
| S.Senthilkumar | 2014 | Plant-Mediated Green Biomimetic Synthesis Metal and Nonmetal Nanoparticles, charactrization,toxicity analysis for antiumor cancer activity and its photo degradation Dyes | 2019 |
| P. Rubalajyothi | 2018 | Preparation and Characterization of Nanosize Thermoluminescent Meterial for Dose Verification in Medical Field |  |
| 26 | Dr. P. Palaniyandi | Assistant Professor | Physics | - | - | - | - | - |
| 27 | Dr. V. Pandiyan | Assistant Professor | Physics | 1 | R. Rajalakshmi | 2013 | Thermodynamic and Acoustic Properties of Binary Mixtures of Arylamine with some Ethers at different Temperatures |  |
| A. Shakila | 2013 | A study on thermodynamics properties of certain organic binary liquid mixtures ar different temperatures | 2020 |
| P. Gnanmozhi | 2014 | Charge Density Distribution Studies of Some Organic and Semiorganic Compounds Via Quantum Chemical Calculations |  |
| R. Gerald Arockiaraj | 2014 | Densities and derived thermodynamic properties of heterocyclic compounds based Ionic Liquids(Ils) interaction with molecular solvents at different temperatures |  |
| S. Ravikumar | 2016 | Physicochemical and IR Studies of Binary Liquid Mixtures at Different Temperature |  |
| R. Raju | 2016 | Thermodynamic and Acoustical Properties of Binary Mixtures of Industrial Solvents at different Temperatures |  |
| K. Nithya devi | 2017 | Development Bio Degradable Polymer Plastics from Bio mass and Study its Physical Characterization |  |
| 28 | Dr. K. Srinivasan | Assistant Professor | Physics | - | - | - | - | - |
| 29 | Dr. S. Balamurugan | Assistant Professor | Physics | - | - | - | - | - |
| 30 | Dr. P. Neelanarayanan | Associate Professor | Zoology | 3 | D. Selvamuthukumaran | 2009 | Spatial and Temporal Distribution of Earthworms in Southern Thorn Forest of *Kolli* hill, a part of Eastern Ghats, Tamil Nadu, India. | 2014 |
| J. Viji | 2011 | Efficacy of consortia of microbial inoculants for the pre-digestion of agro-wastes for Vermicomposting technology | 2016 |
| T. Siva | 2015 | Population, Nest and Roost site characteristics and Prey composition Indian Eagle Owl *Bubo bengalensis* (FRANKLIN, 1831) in Tiruchirappallli District, Tamil Nadu, India | 2021 |
| Mahendra M Manivaasan | 2015 | Management of Insect Pest and Diseases by using Organic inputs (Organic Farming) |  |
| G. Muthulakshmi | 2017 | Antimicrobial Activities of Some Medicinal Plants against chosen Fresh Water Fish Pathogens |  |
| A. Muthusamy | 2020 | Home Range and Habitat Use of Indian Eagle Owl Bubo bengalensis (FRANKLIN, 1831) – A Potential Predator of Rodent and Insect pest. |  |
| 31 | Dr. K. Saravanan | Assistant Professor | Zoology | 9 | C. Renuka | 2007 | Effect of *Biophytum sensitivum* extracts in the treatment of experimental diabetic albino rats | 2012 |
| S. Elavarasi | 2010 | Evaluation of Antidiabetic Potential of Traditionally Used Medicinal Plants, *Cyathea nilgiriensis* (Holttum) and *Pterocarpus marsupium* Roxb. In Streptozotocin (STZ) induced Diabetic Rat Model. | 2016 |
| G. Priya | 2010 | Evaluation of reproductive inhibitory effect of *Abrus precatorius* L. and *Thespesia populnea* (L.) in albino rat (*Rattus norvegicus*) and a few selected rodent pests [*Mus booduga* (Gray) and *Bandicota bengalensis* (Gray)]. | 2017 |
| M. P. Santhi | 2011 | Isolation and identification of anticancer compounds from *Biophytum sensitivum* and their evaluation against liver (HEPG-2) and cervical (HELA) cancer cell lines. | 2018 |
| G. Revathi | 2013 | Evaluation of antidiabetic activity of traditionally used polyherbal drug and drug loaded chitosan nanoparticles on STZ induced diabetic rat model. | 2017 |
| G.Manjula | 2014 | Comparative Evaluation of Preservation Techniques on Physico chemical and nutritional qualities of chicken egg | 2018 |
| P.Karuppannan | 2014 | Evaluation of antidiabetic activity of red carrper ventilago maderaspatana gaertn of streptozotocin induced diabetic albino rat rattus norvegicus | 2018 |
| R. Arul Priya | 2012 | Phytochemistry and Anti-breast cancer activity of flavonoid rich plants against MCF-7 Cell lines under in vitro and in silico conditions. | 2019 |
| B.Umarani | 2014 | Evaluation of anti-lung and anti-breast cancer activity of Naravelia zeylanica under in vitro, in vivo and in silico conditions | 2021 |
| P.Premalatha | 2015 | Studies on genetic variability of Freshwater Mussels (Lamellidens sp.) in Different Habitats. |  |
| 32 | Dr.V.Ramesh | Assistant Professor | Zoology | - | C. Kanimozhi | 2016 | Entamology-Taxonomy |  |
| P. Dhanapal | 2018 | Stuides on pest management teachniques in rice using data mining and wireless sensor network |  |
| M. Kathir Selvan | 2018 | Evaluation of vitex negundo L against major cotton pests |  |
| 33 | Dr.N.Ramesh | Assistant Professor | Zoology | 1 | K. Kalaiselvan | 2011 | Population and Distribution of Indian Peafowl (PAVO Cristatus) in Trichy District, Tamilnadu, Southern India | 2018 |
| 34 | Dr. A. Boopathiraja | Assistant Professor | Zoology | - | P. Manikandan | 2015 | Medical Toxicology |  |
| D. Swarna Bharathi | 2016 | Evaluation of antioxodant, anti-inflammatory and antibacterial activity of Sio/Zno bionanao composite. |  |
| K. Ganesan | 2018 | Evaluation of antimicrobial activity of Cu/Si bionano composite on various pathogenic Microbial Strains |  |
| 35 | Dr. S. Sagayalatharani | Associate Professor | Physical Education | - | - | - | - | - |