

# Pandit Deendayal Energy University

## Ph.D. Students List

| Sr. No. | Candidate Name           | Name of Guide and Co-Guide                         | Thesis Title  |
|---------|--------------------------|--|---|
| 1       | Aaashna Shah             | Harmik Vaishnav                                    | Living in Spaces : A Study of Imtiaz Dharker's Poetry and Sketches  |
| 2       | Aarohi Ankit Bhadiyadra  | Tejas Thaker                                       | Effect of Local Site Condition On Seismic Structural Response   |
| 3       | Abhinav Kapadia          | Akash Patel<br>Avani Desai                         | Equity Markets  |
| 4       | Abhishek Ajay Kagalkar   | Swapnil Dharaskar<br>Nitin Chaudhary               | Development of MXene Based Material for Removal of emerging pollutants.   |
| 5       | Adel Hussein             | Uttam Kumar Bhui                                   | Understanding of the Petroleum System Based on the Geophysical Methods in Parts of the Sabatayn Basin, Yemen  |
| 6       | Aditya Joshi             | Venkat Ram Reddy                                   | Urbanization and street vendors issues and challenges of the street vendor(Protection of livelihood and regulation of street vending ) act , 2014- study of Ahmedabad Municipal Corporation |
| 7       | Ajay Gawali              | Manish Sinha                                       | Effect of different additives on the transport of mixed gases through polymeric membranes.  |
| 8       | Ajendra Singh            | Bhawanisingh G Desai                               | Understanding Porosity Permeability relationship and Modeling Heterogeneity of Bioturbated Clastic Rocks: Application in Oil and Gas Reservoirs   |
| 9       | Akanksha Preeti          | Ashutosh Muduli                                    | Under Process   |
| 10      | Akash Pawar              | Ritu Sharma  | Empirical evidence for unconscious lie detection in college going adolescent population of india  |
| 11      | Akash Barva              | Siddharth Joshi                                    | Simulation and Analysis for Voltage Source Converter for Hybrid Renewable Energy System with Enhancement of Power Quality.  |
| 12      | Ali Abed Alhamid Moulhim | Brijesh Tripathi (Guide)<br>Manoj Kumar (Co-Guide) | Non-equilibrium diagrammatic technique for analyzing quantum transport in nano-electronic devices.  |
| 13      | Ali Almohammed           | N. Madhavan  | Evolution and Geochemical characteristics of igneous rocks in Namrada rift zone   |

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|----|------------------------------|--|---|
| 14 | Alpesh Dharamsinh Desai      | Abhijit Ray  | Optimization of decentralized solar photovoltaic implementation in India.   |
| 15 | Alpesh Nitinbhai Shah        | Sudhir Yadav   | Tentative Title: Procurement  |
| 16 | Ambareen Jaorawala           | Harmik Vaishnav                                      | Self Exploratory Journey Of Women In The Fictions of Nawal El Saadawi and Nuruddin Farah  |
| 17 | Amit Mehta                   | Tejas Dave   | Business Challenge and Opportunities in affordable housing industry in india - identify and analyze critical factors in consumer decision making Process in Gujarat state |
| 18 | Amitha Boindala              | R.K. Vij   | Petrophysical Analysis of Unconsolidated Lominated Reservoirs & Understanding Sealing Potential in KG Offshore Area   |
| 19 | Amr Gazem Mohammed Saad      | Shanker Krishna                                      | Effect of polymers and surfactants in low salinity enhanced oil recovery  |
| 20 | Amruta Mahajan               | Vishvesh Badheka                                     | Superplastic behaviour of Non-Ferrous Metals.   |
| 21 | Anand Kumar Singh            | Indrajit Mukhopadhyay                                | Development of Indian Smart City Maturity Model with Special Focus on Energy & Health.  |
| 22 | Aneri Shah                   | Ritu Sharma  | Development of a psychometric tool for mental status assessment of cancer patients in india   |
| 23 | Anil Bhagwan Mundhe          | Swapnil Dharaskar<br>Dadi Venkata Suriapparao        | Synthesis, Characterization and Application of Advanced Ionic liquids for Petroleum Refineries and Industries.  |
| 24 | Anilkumar Divyeshbhai Pandya | Anup V Sanchela (Guide)<br>Ajay Thakur (Ex-Co-Guide) | Under Process   |
| 25 | Anish Thaliyil Krishnapillai | Vivek Ramalingam                                     | Reservoir Characterization of Conventional/ Unconventional Reservoirs   |
| 26 | Anjali Malik                 | Neeta Sinha  | Under Process   |
| 27 | Anjali Choudhary             | Bhawanisingh G Desai                                 | Ichnological Evaluation of Syn-Rift Deposits, Kachchh Basin   |
| 28 | Anjali Mangalani             | Tejas Dave   | Feasibility analysis of green marketing practices in Indian FMCG market : An empirical study on Indian Corporates   |
| 29 | Ankit Dinesh Patel           | Rutvij Jhaveri<br>Kaushal Shah                       | Security in Internet-of-Things (tentative).   |

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|----|-----------------------------|---|---|
| 30 | Ankita More                 | N. Madhavan (Guide)<br>Dhruvsh Patel (Co-Guide)       | A Case Study of Hydrological Modelling based on remote sensing information  |
| 31 | Ankitkumar Thakker          | Asit Acharya  | Under Process   |
| 32 | Ankur Pradeep Pandya        | Ashutosh Muduli                                       | Need for Innovative Human Resource practices in Indian Higher Education Institutes  |
| 33 | Anshu Sinha                 | Amrita Chakrabarty                                    | Under Process   |
| 34 | Anuja Srivastava            | Akash Patel   | Under Process   |
| 35 | Aparna Makode               | Ashvin Dave   | An Empirical study on perception of investors on selected financial instruments for 3 tier goals with special reference to gujarat region   |
| 36 | Archchi Sarkar              | Uttam Kumar Bhui                                      | Macromolecular Characterization of Organic-Matter Rich Rocks: Multipronged Approach Towards Clean Fuel Technologies                         |
| 37 | Arjun Vyas                  | Anurag Kandya   | Assessing the impact of various environmental parameters on the energy generation from Solar Photovoltaic Panels with mitigative framework. |
| 38 | Arpit Kamlesh Solanki       | Debasis Sarkar  | Application of internet of things and cloud computing for infrastructure projects   |
| 39 | Arpitkumar Patel            | Amit Sant   | Multifunctional Control of Custom Power Devices for EV Charging Stations Incorporating Solar PV System                                      |
| 40 | Aseemkumar Laherikant Joshi | Abhishek Kumar (Guide)<br>D. M. Parikh (Co-Guide)     | Green Supply Chain Management – Outsourcing of Services for Operation and Maintenance of Thermal Power Generating Plants.                   |
| 41 | Atul Kumar Mishra           | Indrajit Mukhopadhyay                                 | Solid Electrolytes for all solid state lithium ion batteries.   |
| 42 | Atul Mehra                  | Pramod Paliwal  | Under Process   |
| 43 | Atyam Basava Raju           | Pramod Paliwal  | Study on Evolution of Electronic Business in India  |
| 44 | Avni Goswami                | Rohit Srivastava (Guide) &<br>Achinta Bera (Co-Guide) | Development of Economically Favourable Nano Additives for Drilling Fluids   |
| 45 | Bandana Swain               | Jatin Patel   | Exergy Analysis and Optimization of Solar Thermal Systems   |

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|----|----------------------------------|---|--|
| 46 | Bandinee Pradhan                 | Kaushal Kishore   | Under Process  |
| 47 | Bapat Hirakraj<br>Tarunkumar     | Debasis Sarkar (Guide)<br>Rajesh Gujar (Co-Guide)                 | Risk Based Integrated Project Delivery & BIM Model for Sustainable Infrastructure Projects   |
| 48 | Batul Kakkai                     | Nigam Dave  | Dynamics of Gender in select Nursery Rhymes and songs for children – A comparative analysis of English, hindi and gujarati literature            |
| 49 | Bhasuru Abhinaya<br>Srinivas     | Garlapati Nagababu (Guide)<br>Surendra Singh Kachhwaha (Co-Guide) | Assessment of the climate change effects on the wind condition along Indian EEZ region.  |
| 50 | Bhatt Jignesh Gaurang            | V.S.K.V. Harish (Guide )<br>Omkar Jani(External Guide)            | Analysis, Optimization and Framework for Reliability Enhancement of Smart Grid Communication Technology using Instrumentation Telemetry Concepts |
| 51 | Bhatt Rushi<br>Hemantkumar       | H. R. Dhananjaya  | Optimization of Steel / RCC Cable Stayed Bridge  |
| 52 | Bhavya Dharmesh<br>Pandya        | Siddharth Joshi   | Power management in Hybrid Renewable Energy System for Microgrid applications incorporating EV charging.   |
| 53 | Bhayani Madhvi<br>Mukeshkumar    | D. Sriram   | Drug Resistant Tuberculosis in India - An epidemiological study of Ahmedabad Gujarat   |
| 54 | Bhooma Bhagat                    | Kalisadhan Mukherjee<br>Rajib Bandyopadhyay                       | Synthesis and characterization of materials for chemical sensing applications  |
| 55 | Bhumika Shah                     | Satish Pandey   | Under Process  |
| 56 | Biswajit Shown                   | Rajib Bandyopadhyay (Guide)<br>A. K. Das (External Co-Guide)      | Studies of the Conversion of Syngas to Oxo-Chemicals Over Modified Catalysts   |
| 57 | Chaina Ram                       | Surendra Singh Kachhwaha  | Study on hydrodynamic cavitation.  |
| 58 | Chaitali Vipeshbhai<br>Mehta     | Amit Sant (Guide)<br>Paawan Sharma (Co-Guide)                     | Investigations on Mathematical Modelling of Electric Vehicle Batteries   |
| 59 | Chandrababu Babu<br>Badampudi    | Anup Sanchela   | Thermoelectric and Transparent conducting oxides   |
| 60 | Chandramauli Ramcharan<br>Sharma | Sudhir Yadav  | Tentative Title: Block Change  |
| 61 | Chaudhari Neeti<br>Shamkarbhai   | Anurag Srivastava   | Women Empowerment through Dairy Co-operatives in India : A Study of Banas Dairy  |
| 62 | Chauhan Vaishali<br>Jagbirsingh  | Anirban Das (Guide)<br>Kalisadhan Mukherjee (Co-Guide)            | Towards the development of adsorbent for defluoridation of water   |

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| 63 | Chetna Shukla                       | Poonam Mishra<br>Sukanta Kumar Dash                            | Modelling of Glacial Lake Outburst Flood (GLOF) through remote sensing data.                                   |
| 64 | Chintan Mistry                      | Sivakumar P (Guide)<br>Dadi Suriapparao (Co Guide)             | Catalytic Cracking of Mixed Plastics to Produce Fuels and High Value Petroleum Products                        |
| 65 | Chitralkha Uttamchand Nahar         | Pavan Kumar Gurrala (Guide)<br>Nirav Patel (Co-Guide)          | Finite element studies on the Fused Filament Fabrication process.  |
| 66 | Chitresha Jain                      | Payal Chaudhari  | Design and Analysis of Blockchain aided Privacy-preserving Model   |
| 67 | Darji Kishanlal Ramlal              | Dhruvesh Patel   | Dam Breach Flood Risk Assessment and Management using Hydrodynamic Modelling and Satellite Approach.           |
| 68 | Darshan Bhatt                       | Pankaj Sahlot<br>Jaykumar Vora                                 | Experimental investigations on the Direct Metal Laser Sintering (DMLS) of Advanced Aerospace Alloy.            |
| 69 | Darshan Narendrabhai Ladva          | S. Sundar Manoharan  | Targeting Multidrug Resistant Enterobacteria with Siderophore based Liposomal Antibiotics                      |
| 70 | Darshit Shah                        | Narayan Baser<br>Avani Desai                                   | A Study on the Influence of Big Five Personality Traits on Investment Decision Behaviour of Investors          |
| 71 | Darshitsinh R Parmar                | Prahlad Baruah<br>Rohit Srivastava                             | laser based investigation techniques for aerosol analysis & environmental applications.                        |
| 72 | Dashrathbhai Bhagavanbhai Kanzariya | Tapan Pal<br>Rajib Bandyopadhyay                               | The synthesis of metal-organic frameworks and its potential application  |
| 73 | Dave Vipulkumar Kantilal            | Vinay Vakharia   | Diagnosis of Bearing Fault Using Signal Processing Techniques and Artificial Intelligence Techniques           |
| 74 | Deep Shah                           | Tejas Dave   | Imperial study of consumer perception towards brands in terms of Augmented Reality and Artificial intelligence |
| 75 | Deepika M Harwani                   | Vishvesh Badheka (Guide)<br>Vivek V. Patel (External Co-Guide) | Effect of Friction stir processing on superplasticity of Magnesium alloys.                                     |
| 76 | Deepjyoti Basak                     | Garlapati Nagababu (Guide)<br>Jaydeep Patel (Co-Guide)         | Climate Change Impact on Wind Energy   |
| 77 | Deharkar Rahul Vitthal              | Anurag Mudgal  | Small scale Multi- effect distillation for water treatment.  |
| 78 | Dency V Panicker                    | Rohit Srivastava (Guide)<br>Bhasha Vachharajani (Co-Guide)     | Role of present changing climate on sea - ice and snow conditions over Arctic and Himalayas.                   |
| 79 | Devanshi Shah                       | Sitakanta Mishra   | Paradiplomacy in India: The State Governments as Actors in Foreign Policy                                      |

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| 80 | Dharam Krishnkant Unadkat        | Tejas Thaker  | Analyzing The Load Carrying Capacity of Clay Soil by Stone Column Aided with Geosynthetics and Waste Materials.               |
| 81 | Dhavalkumar Rajeshbhai Patel     | Anurag Mudgal (Guide)<br>Vivek K. Patel (Co-Guide)    | Design and Experimental Investigation of High Recovery integrated Batch RO-FO system for low cost water treatment             |
| 82 | Dhwani Bhatt                     | Ashvin Dave   | Under Process   |
| 83 | Diksha Shrivastava               | Vaibhav Shah  | Socialization at Tutelage: A Study of Stridharma in Select Ramayana Narratives  |
| 84 | Dipak Ankoliya                   | Anurag Mudgal (Guide)<br>Manish Sinha (Co-Guide)      | Design and Experimental investigation of Electrodialysis system for water treatment and and study of fouling on membranes".   |
| 85 | Disha Pujara                     | D. Sriram   | Under Process   |
| 86 | Divya Harwani                    | Ashvin Dave   | Capital Structure   |
| 87 | Divya Pandya                     | Sheetal Rawat<br>Brijesh Tripathi                     | Study of scintillators for nuclear battery application  |
| 88 | Gaurav Aggarwal                  | Surendra Singh Kachhwaha                              | Water purification techniques & policy.   |
| 89 | Gaurav Hazarika                  | R.K. Vij  | Hybrid Low Salinity-Ionic EOR   |
| 90 | Gollapudi Dwibhashi Devi Jyotsna | Bhawanisingh G Desai                                  | Petrophyscial Analysis for Hydrocarbon Prospectivity & Dual Porosity Characterization in Mesozoic Sediments of Kutch Offshore |
| 91 | Grishma Pindolia                 | Satyam Shinde   | Investigation of Perovskite materials for Energy conversion ,Harvesting and Storage Applications                              |
| 92 | Gudendra Singh Negi              | Anirbid Sircar<br>Sivakumar P (Co. Supervisor)        | Application of Nano-Technology in Enhance Oil Recovery-A case study of Cambay Basin Gujarat, India                            |
| 93 | Hardagna Vora                    | Brajesh Kumar Jha (Guide)<br>T. P. Singh (Co-Giude)   | Mathematical modeling & simulation of calcium distribution in nerve cells under neuronal disorder.                            |
| 94 | Hardik K. Jani                   | Surendra Singh Kachhwaha<br>Garlapati Nagababu        | Study on Hybrid Renewable Energy.   |
| 95 | Hardik Koshti                    | Rajib Bandyopadhyay<br>Prakash Jha (CUG, Gandhinagar) | Investigation of hierarchical microporous materials in alkylation reactions.  |
| 96 | Hari Pavan Sriram Yalamati       | R.K. Vij<br>Rohit Srivastava                          | Design and Development of Fuel Cell/ PEM Fuel Cell and Electrolyzer   |

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| 97  | Harsh Parimal Mehta            | Santosh Kumar Bharti (Guide)<br>Nishant Doshi (Co-Guide) | Automatic Text Summarization in Gujarati Language   |
| 98  | Husam Mohammed Saleh Alziyadi  | Pawan Gupta  | Investigation of Lubricity and Rheological Properties of drilling fluid using nanoparticles and other additives                 |
| 99  | Isaac Wilson                   | Pawan Gupta  | Study of methane production from natural gas hydrates using CO <sub>2</sub> inhibitors and depressurization                     |
| 100 | Jadav Santoshkumar Chhaganbhai | Kalisadhan Mukherjee<br>Ashish Unnarkat                  | Under Process   |
| 101 | Jaimin A Pandya                | Ashish Unnarkat  | Catalytic and Reaction Engineering Aspects of Organic Oxidation   |
| 102 | Jain Muskan Ashok              | Ankur Solanki<br>Mohendra Roy                            | Development of Hybrid Perovskite based Memristor Devices.   |
| 103 | Jalaja Bhadreshkumar Pandya    | Satyam Shinde  | Quantum Chemical Investigation of Cucurbituril for Drug Delivery and Biosensing Application                                     |
| 104 | Jay Dineshkumar Patel          | Rajesh Patel   | Phase change material based hybrid battery thermal management system.   |
| 105 | Jaykumar Soni                  | Rajesh Gujar   | Development of Roadway Health Monitoring System using Artificial Intelligence Technique.  |
| 106 | Jenil Mahendrabhai Thakkar     | Niragi Dave (Guide)<br>Tejas Thaker (Co-Guide)           | Experimental and analytical studies of concrete structures  |
| 107 | Jigar Jaysukhbhai Vaghela      | Nirav Patel (Guide)<br>Jaydeep Patel (Co-Guide)          | Progressive damage modeling of composites plate subjected to ballistic loading.   |
| 108 | Jigarkumar G Raj               | Brijesh Tripathi   | Alternate energy storage systems for hybrid electric mobility.  |
| 109 | Joshi Aayushi Shaileshbhai     | Manoj Pandey   | Design and Synthesis of novel sensing material  |
| 110 | Joy Acharya                    | Paawan Sharma<br>Mohendra Roy                            | Design and analysis of a Blockchain based IoT network security  |
| 111 | Joydeep Ghosh                  | Kaushal Kishore  | Under Process   |
| 112 | Jyoti Singh                    | Venkat Ram Reddy   | Empowering Women: Strengthening Women Safety & Rehabilitation of Women Victims In India With Special Reference To Uttar Pradesh |
| 113 | Kajal Manilal Shah             | B. K. Mayya (Guide)<br>Joydeep Ghosh (Co-Guide)          | Plasma Rotations and Impurity Transport Studies in the ADITYA-U Tokamak Using Spectroscopy Techniques.                          |
| 114 | Kanika Dhawan                  | Satish Pandey  | Under Process   |

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|-----|------------------------------------|--|--|
| 115 | Kanishka Varyani                   | Ritu Sharma                                      | Under Process  |
| 116 | Kapil P N                          | Amit Sant<br>Nitn Padhiyar (IIT-Gandhinagar)     | Investigation on Converter Topologies for Vehicle-Grid Interface   |
| 117 | Karelia Nirav<br>Dineshchandra     | Vivek Pandya                                     | Multi-converter UPQC System for Inverter based Renewable Energy Systems  |
| 118 | Kavil Mehta                        | Prahlad Baruah                                   | Investigation of Laser-Matter interaction and its applications (Tentative).  |
| 119 | Kavya Lakhani                      | Nigam Dave                                       | Institutionalization of texts at the higher education level in India.  |
| 120 | Kenil V. Rajpura                   | Indrajit Mukhopadhyay                            | Development of Sodium Ion Batteries.   |
| 121 | Keval Hareshbhai Jodhani           | Dhruvesh Patel (Guide)<br>N. Madhavan (Co-Guide) | Modelling riverbed morphology and surface sedimentology using high resolution satellite data   |
| 122 | Khyati Krushnakumar<br>Mistry      | Prakash Chandra                                  | Synthesis of copper based nanocomposite materials for catalysis and sensing  |
| 123 | Kiran Chaudhary                    | Ranjan K. Pati                                   | Role of Ceria on the ionic conductivity of YSZ electrolyte in High Temperature SOFC  |
| 124 | Kiruthiga .P                       | Niragi Dave (Guide)<br>Ramesh Guduru (Co-Guide)  | A study on the use of Submicron/Nanoscale Powder Waste from Industries (Bottom Ash) as A Cement Replacement for Concrete/Construction Applications |
| 125 | Kishan Patel                       | Rajesh Gujar                                     | Application of SAR based Remote Sensing Technique for Analyzing Roadway Surface Deformation  |
| 126 | Kishankumar<br>Rajeshkumar Jayswal | Niragi Dave                                      | Shear and flexural behaviour of reactive powder concrete [RPC]   |
| 127 | Kokate Anita Vishnu                | Surendra Singh Kachhwaha<br>Pravin Kodgire       | Thermoeconomic and Environmental Analysis of Bioethanol Plant  |
| 128 | Komal Gunvantbhai<br>Desai         | Swapnil Dharaskar                                | Production of ultra-low sulphur fuel using novel ionic liquid with ultrasound assisted Oxidative/ Extractive process.                              |
| 129 | Komal Yogeshbhai<br>Pandya         | Narayan Baser                                    | Under Process  |
| 130 | Krunal Rajeshkumar<br>Parekh       | Syed Shahabuddin                                 | Conducting Polymer Based Composites for Refining Used Lubricant Oil via Modified Acid Clay Method.   |
| 131 | Kshitij Acharya                    | Vishvesh Badheka                                 | Metal Additive Manufacturing for Nuclear and aerospace applications.   |

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|-----|------------------------------|--|---|
| 132 | Kuldeep Narwat               | Abhishek Kumar (Guide)<br>Vivek Kumar (External Co-Guide)<br>Simran Jeet Singh (External Co-Guide) | Analysis of hydrodynamic journal bearings operating with magneto-rheological and electro-rheological lubricants.  |
| 133 | Kuldeepkumar Ramabhai Nayi   | Anurag Srivastava  | Under Process   |
| 134 | Kumkum Bhattacharya          | Debasis Sarkar   | Development of sustainable transportation infrastructure and traffic safety management model.   |
| 135 | Maaz Kureshi                 | Manoj Pandey   | Development of newer synthetic methodologies towards evolution of bioactive heterocyclic compounds and polycyclic hydrocarbons.   |
| 136 | Madhavi B Acharya            | Vishvesh Badheka   | Under Process   |
| 137 | Mahendra Pratap              | Sudhir Yadav   | Risk Management in Oil & Gas Sector   |
| 138 | Mahetaji Mohatsim Abdulrazak | J Brahma (Guide)<br>R.K. Vij (Co-Guide)  | Wellbore Stability and Design of Safe Well in Geomechanics  |
| 139 | Mandal Reema Bishwajit       | Anirban Das  | Chemical and isotopic investigations of fluoride rich groundwater in selected districts of Gujarat.   |
| 140 | Manish Khemnani              | Brijesh Tripathi<br>Ankur Solanki  | Development of flexible perovskite solar cell   |
| 141 | Manish Pandurang Rane        | Sivakumar P  | Bio Additive for Lubrication Oils   |
| 142 | Manoj Kumar Sinha            | Kaushal Kishore  | To Study the effect of Organizational Complexities and Behavioral Management Skills of Salespersons on the outcome of Sales Performance of Petroleum Products (Lubricants sector) in India. |
| 143 | Mareb Ahmed Al-Ammari        | Anirbid Sircar   | 3D Geological Modeling in Fractured-Basement Reservoir of Block 10 Oil Field, Sayun-Masila Basin, Republic of Yemen   |
| 144 | Martin S                     | Chaitanya Vyas   | A study on supply chain of vegetables and milk products in Gujarat  |
| 145 | Maulin Shah                  | Ashish Joshi   | An Empirical Study on Startup Financing for Entrepreneurs in India: A Study in Context of Selected Startups.  |
| 146 | Mayur Thakar                 | Urmi Satyan  | Under Process   |
| 147 | Meghna Manoharbai Parikh     | Manoj Sahni  | Solution of fuzzy Differential Equation in some Uncertain Environment Using Fuzzy Numbers.  |

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| 148 | Mehul Jashvantlal Darji      | Kalisadhan Mukherjee<br>Sukanta Kumar Dash                         | Studies on oxidation and thermal degradation of novel amine solvent in CO <sub>2</sub> capture process.  |
| 149 | Milan Bhupendrabhai Raninga  | Anurag Mudgal (Guide)<br>Vivek K. Patel (Co-Guide)                 | Design and experimental analysis of cascade rankine cycle based reverse osmosis system for low-cost ground water treatment.  |
| 150 | Miyani Piyushkumar Batukbhai | Amit Sant  | Investigations on Z-Source Converter for Photovoltaic Applications.  |
| 151 | Mrunalini Rana               | Dhruvesh Patel (Guide)<br>Vinay Vakharia (Co-Guide)                | Parametric Sensitivity Analysis of 1D and 2D Hydrodynamic Modeling for Flood Assessment & Mitigation, Using High Resolution UAV Based DEM and Machine Learning Techniques. |
| 152 | Mugunthan                    | D. Sriram  | Role of Public Private partnership in Railway infrastructure projects (tentative)  |
| 153 | Mukesh Ashokkumar Khandla    | Ranjan K. Pati   | Synthesis and Characterization of Nanostructured Water Gas Shift (WGS) Catalyst for Fuel Cell Application  |
| 154 | Mukund Kumar D Shukla        | Pradeep Mallik   | The effect of print finish time (PFT) on the sale of newspaper.  |
| 155 | Nalin Saurav                 | Sudhir Yadav   | Under Process  |
| 156 | Namrata Bist                 | Anirbid Sircar   | Integrated Solar and Geothermal setup for exploitation of low enthalpy geothermal reservoirs   |
| 157 | Naznin Shaikh                | Abhijit Ray  | Metal alloys, Chalcogenides & their hybrid heterostructures for electrocatalytic hydrogen generation.  |
| 158 | Neelam Belani                | Anurag Kandya (Guide)<br>Dr. Virendra Kumar (External Guide)       | Evolving optimal treatment of sewage sludge for making organic manure.   |
| 159 | Neha Manhas                  | Sitakanta Mishra   | Under Process  |
| 160 | Neha Tiwari                  | Balamurali Krishna Mayya K. (Guide)<br>Ramesh K. Guduru (Co-Guide) | Under Process  |
| 161 | Nibedita Pani                | Daya Kaul (Guide)<br>Anantha Singh (Co-Guide)                      | Treatment of Ammoniacal Nitrogen From Industrial Wastewater by different Electro chemical Processes.   |
| 162 | Nidhi Makwana                | Harmik Vaishnav  | Under Process  |
| 163 | Niharika Bhowmik             | Pradeep Mallik   | Under Process  |
| 164 | Nikita Sharma                | Ashvin Dave  | Factors affecting capital structure  |

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|-----|-------------------------------------|--|---|
| 165 | Nilesh Pedharkar                    | Sudhir Yadav                                     | A Study of Implementation of Lean Management in Indian MSMEs  |
| 166 | Nimrabanu Memon<br>Mohmed Husain    | Samir Patel (Guide)<br>Dhruvesh Patel (Co-Guide) | Land Cover and Crop type Classification of SAR data using Machine Learning Approach.  |
| 167 | Ninaad Ghoshal                      | Sanjay Pradhan                                   | Under Process   |
| 168 | Niraj Kathrani                      | Anurag Kandya                                    | Assessing the factors affecting the Groundwater quality and its impact on Agricultural Productivity with mitigative framework |
| 169 | Nirali Jayeshbhai Degda             | Narayan Baser                                    | A Study on stakeholder's Perspectives on Impact Investing in India  |
| 170 | Nirav Joshi                         | Amit Sant  | Design and Application of a New Multilevel Inverter Topology.   |
| 171 | Niravkumar Jashvantlal<br>Prajapati | Surendra Singh Kachhwaha<br>Pravin Kodgire       | Experimental studies on biodiesel production using 100 L capacity hydrodynamic cavitation reactor.                            |
| 172 | Nisha P Oad                         | Prakash Chandra<br>Sheetal Rawat                 | Synthesis of Organic-Inorganic Materials for Catalysis and Energy Storage   |
| 173 | Niyant Pankajkumar<br>Thakkar       | Jatin Patel<br>Anurag Mudgal                     | Thermo-economic analysis of solar assisted desalination processes   |
| 174 | Nour Mohammad Sadik<br>Ali          | Indrajit Mukhopadhyay                            | Comparative Studies on the Effect of Some Organic Compounds on Electrodeposition of Bronze and Brass.                         |
| 175 | Omar Mohammed Omar<br>Saif Aldubai  | Hari S.  | Effect of proppant embedment and proppant crushing on fracture conductivity in hydraulically fractured reservoirs             |
| 176 | Pandya Milap<br>Vijaykumar          | Nirav Patel (Guide)<br>Kush Mehta (Co-Guide)     | Numerical and Experimental investigation of Friction Stir Channeling  |
| 177 | Paneliya Sagar                      | Indrajit Mukhopadhyay                            | Development of Nanomaterial for Energy Conversation and Energy Storage.   |
| 178 | Pankaj Kumar                        | Pradeep Mallik                                   | Digital Media and Crisis Communication  |
| 179 | Parag Bhatt                         | Ashutosh Muduli                                  | Artificial Intelligence in Learning and Development   |
| 180 | Parikh Bhavya<br>Rameshbhai         | Pradeep Mallik                                   | Technology in Teaching Pedagogy -"A study of students learning" (With reference to Government initiatives)                    |
| 181 | Parikh Hemani<br>Indravadan         | Samir Patel                                      | Land Use/Land Cover Classification of Remotely Sensed Data Using Machine Learning.  |

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| 182 | Parikh Nishi Mehulbhai          | Manoj Pandey<br>Pankaj Yadav                        | Redefining the crystallization and characterization of halide perovskites by machine learning  |
| 183 | Parita Oza                      | Paawan Sharma (Guide)<br>Samir Patel (Co-Guide)     | Machine learning in medical imaging (Tentative).   |
| 184 | Parth Shaileshkumar Raval       | Bharat Parekh                                       | Growth & Characterization of organic non linear optical material and crystals.   |
| 185 | Parthkumar Sureshbhai Parmar    | Achinta Bera  | Development and Characterization of Biomaterials -Based Nano fluids for Enhanced Oil Recovery  |
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