

Thesis Submissions of M.Tech - Energy Science and Engineering

Submission Year	RollNo	Name	Project	Thesis Title
2000	98317003	Manoj R Rathi		<u>Static Var Compensator For Load Compensation</u>
2000	98317005	Vishal Biyani		<u>DESIGN FABRICATION AND TESTING OF A PYROLYSIS REACTOR</u>
2000	98317006	RAHUL MISHRA		<u>Electricity Network Expansion Planning using GIS</u>
2000	98317008	Ripu Hanan Tripathi		<u>Analysis and Simulation of Reactive Voltage Control for SSSC</u>
2000	98317009	Rahul Chandorkar		<u>Energy Analysis of Fully Thermally Coupled Distillation Column</u>
2000	98317011	Nasapu Murali		<u>ENERGY CONSERVATION IN TEXTILE INDUSTRIES USING HEAT PUMPS</u>
2000	98317012	Prasad Vinayak Dudhgaonkar		<u>Mathematical Modelling of Two-stroke Engine</u>
2000	98317013	Tonmoy Roy		<u>Energy Conservation Of A Low Pressure Cryogenic Air Separation Plant.</u>
2000	98317014	T.Sreedhar		<u>OPTIMIZATION OF COGENERATION TARGETS FOR SITES</u>
2000	98317015	Kanchan. P. gadgil		<u>Experimental Evaluation of Spark Ignition Engine Performance With Quantitative and Qualitative Control</u>
2000	98317016	khokhani dhirajlal N.		<u>Operating strategies for self excited induction generator</u>
2000	98317301	MUKESH KUMAR SHAH		<u>Development Of Power System State Estimator</u>
2000	98317601	Rajendrasinh.B.Solanki		<u>Space-Time Kinetics Analysis of Large PHWRs in Asymmetric Transients</u>
2000	98317602	Ravva Srinivasa Rao		<u>Gravity Separation in a Steam Drum</u>
2000	98317603	Srikrushna Kunar Pradhan		<u>Development of void fraction sensor using electrical impedance method</u>
2000	98317604	UTKARESH S CHIKKANAGOUDAR		<u>Transient Analysis of U-Tube Steam Generator</u>
2000	98317607	Santosh Kumar Dubey		<u>Scaling Principles for Natural Circulation Driven Boiling System</u>
2002	00317001	Yogendra Sharma		<u>Thermal transient analysis of filtration circuit</u>
2002	00317002	Mahesh V Dehare		<u>Mathematical modeling of unsteady gas flow dynamics through two stroke engine manifolds.</u>
2002	00317004	Ranjan Kumar		<u>Development of Front-end for a few Building Simulation Packages</u>

2002	00317005	Ankur GOEL	Simulation and testing procedure for trigeneration system
2002	00317009	P.Bhagavan Krishna	DSP Based Control of Energy Efficient Incremental Motion DC Drive
2002	00317010	Sumit Singhvi	Design of Slotless Brushless Permanent Magnet dc Motor
2002	00317012	Debendra Kumar Patra	Mathematical modeling of fuel injection system of diesel engines.
2002	00317013	Sujeet Vankayala	Injection Characteristics of Multi Cylinder Fuel Injection Equipment with Vegetable Oil Fuel
2002	00317014	Vangala Chiranjeevi	Simulation of Sensorless Control of PMSBLDC Using Fuzzy Logic Controller
2002	00317016	D.Suryanarayana	MULTI FUNCTIONAL OPERATION OF ACTIVE RECTIFIER
2002	00317017	Sawant Pravin Hanamantrao	FLOW BOILING HEAT TRANSFER
2002	00317401	Yashwant Tahiliani	Mathematical Modelling of Energy Balance in a Boiler House and Steam Distribution Network
2002	00317402	Shaji Koshy	UTILIZATION OF LPG AS A FUEL FOR SI ENGINES
2002	00317403	Jagannath Mishra	Space-Time-Kinetics Analysis of Large PHWRs in Xenon Oscillation Transients
2002	00317405	Puranapanda.s.r.r.kumar	Comparison of simulation models of solar hot water system (Thermosyphon type).
2002	00317406	Vikas Rastogi	SIMULATION AND THERMODYNAMIC ANALYSIS OF COGENERATION PLANTS.
2002	00317601	Siddharth Honnihal	Thermal Performance of Multistorey Multizone Building
2002	00317602	Nirlipta Daschaudhury	Study of Single Phase Thermosyphon in Single and Multiple Loops
2002	99317601	Abhijit Bhure	Rural Electricity Distribution and Expansion Planning
2003	01317002	Pandya Virendra C.	TAR CRACKING FOR TAR REDUCTION AND STUDYING THE POTENTIAL FOR PRODUCTION OF "SPECIAL CARBON"
2003	01317004	Nachiket.K.Apte	Optimal Synthesis of Heat and Power Networks
2003	01317005	Nilesh M. Sawant	Analysis of Absorber For Solar Concentrator
2003	01317006	R. PAVAN NANDAN	SOLUTION OF INCOMPRESSIBLE LAMINAR NAVIER-STOKES EQUATIONS IN GENERALIZED COORDINATE SYSTEMS
2003	01317007	Srinivas B.	Brushless DC Drive for Solar Powered Pumps
2003	01317008	Chitrapu Naveen	Mathematical Modeling of Speed Control of Diesel Engine
2003	01317011	A Chandra Obula Reddy	Experimental Optimisation of Compression Ratio for a Spark Ignition Producer Gas Engine
2003	01317012	Md.Kamil	Solar Inverter For Grid Application
2003	01317301	Panchal Ashish Kiranbhai	A Study of Voltage Stability in the Western Regional Electricity Grid of India
2003	01317302	Patel Hirenkumar H.	Microcontroller Based Intelligent Battery Charger System Operating At Unity Power Factor
2003	01317303	Mahesh.N.Shelar	Design and Development of Cashewshell Liquid Extraction Unit.

2003	01317305	Jagannath Balasaheb Hirkude	<u>Ammonia Generator for Rice Husk Fired Potato Cold Store</u>
2003	01317401	B.K.JAIN	<u>optimisation of utility network for heavy water plant , manuguru</u>
2003	01317402	Rashid Yasin Shaikh	<u>Simulation of 250 MW turbine governing system for Dahanu Thermal Power Station,BSES</u>
2003	01317403	Salunke Yogesh Eknath	<u>DISTRIBUTION LINE CARRIER TECHNOLOGY AND INFRASTRUCTURE FOR DISTRIBUTION AUTOMATION FUNCTIONS</u>
2003	01317404	Amol Gajanan Bhutad	<u>Three-Phase Load Flow Analysis of Distribution Systems</u>
2003	01317405	pimpale devendra vasant	<u>Space Time Kinetics Analysis of Large Loosely Coupled Reactors</u>
2003	01317406	Prasanta Kumar Panda	<u>Two-axis Tracking of PV array under Maximum Power condition</u>
2003	01317407	Chetan Tulapurkar	<u>Energy Efficiency of Paper Drying</u>
2003	01317408	Divyang Sharma	<u>IMPLEMENTATION AND COMPARISON OF A FEW BUILDING SIMULATION PACKAGES</u>
2003	01317409	Nalla Krishnudu	<u>ANALYSIS OF WIND TOWER</u>
2003	01317410	Lopamudra Sahoo	<u>Single Stage single switch AC to DC converter with fast output voltage regulation and unity power factor</u>
2003	01317411	BHARAT FAKIRRAO DESHMUKH	<u>OPTIMIZATION OF DISTILLATION PROCESS UTILIZING WASTE HEAT AVAILABLE IN PROCESS PLANT</u>
2003	01317806	HERAMB C. PHADAKE	<u>Simulation of 250 MW turbine governing system for Dahanu Thermal Power Station</u>
2003	01317807	Yogesh Suresh Nirgude	<u>Thermal Hydraulic Characteristics of a Boiling Loop</u>
2003	01317808	Ravindra Rajaram Mallewadikar	<u>Simulation of 250 MW turbine governing system for Dahanu Thermal Power Plant</u>
2004	01317601	Rahul Suresh Bokil	<u>Comparison of thermal performance of themosyphon type solar water heating systems</u>
2004	01317901	Ravikant Vakada	<u>Design And Development of 10Kw Three- Phase IGBT Inverter for Grid Connection</u>
2004	02317003	Nachiket Chilhatey	<u>Simulation and Design of Air-Cooled Heat Exchangers</u>
2004	02317009	Tirthankar Roy	<u>ANALYSIS OF OFF - NORMAL TRANSIENTS IN PHWR USING COUPLED NEUTRONICS THERMAL HYDRAULICS MODEL</u>
2004	02317010	Santosh Kumar Mishra	<u>Single Stage Single Switch AC to DC Converter with High Input Power Factor and Tight Output Voltage Regulation</u>
2004	02317013	Jay Prakash Kumar	<u>Truck Refrigeration System</u>
2004	02317015	Amit Goyal	<u>Aerodynamic analysis of Savonius wind turbine</u>
2004	02317018	Vamsidhar Sunkari	<u>Hybrid Space Vector PWM Based Sensorless Direct Torque Controlled Induction Motor Drive</u>
2004	02317301	Barahate Sanjay Dagu	<u>Analysis of Concentrating Solar Collector Receiver</u>
2004	02317401	Arvind Laxmikant Chel	<u>Sizing Calculations for Passive Building Components</u>

2004	02317402	Kamalesh Sharad Bhambare	<u>Dynamic Simulation of Natural Circulation Boiler</u>
2004	02317405	T.Sreedhar	<u>Industrial Load Management For Maharashtra</u>
2004	02317408	Rahul Mani Tripathi	<u>Modeling of U-Tube Steam Generator Using RELAP</u>
2004	02317409	Swati V. Burewar	<u>Modeling and Simulation of a Large Power System for Transient and Mid-term Stability Studies</u>
2004	02317410	Saindane Milind Prakash	<u>Efficient Steam Utilisation Systems Design</u>
2004	02317411	Neeraj Mittal	<u>Design, Fabrication and Testing of Small Gasifier System</u>
2004	02317412	Arindam Sarkar	<u>Hydrogen Storage in Carbon Nanotubes</u>
2004	02317413	Sandeep Dadhich	<u>Design and Implementation of a DSP based Single Stage Grid connected PV system</u>
2004	02317414	PRASHANT KUMAR BHANWARE	<u>CYCLE OPTIMIZATION FOR ABSORPTION HEAT TRANSFORMER WITH PRELIMINARY DESIGN OF HEAT EXCHANGERS</u>
2005	02317601	Yogesh Ashokrao Sonawane	<u>Design of Axial Flux Permanent Magnet Machine for Wind Power Generation</u>
2005	03317001	Umesh A. Ghate	<u>Investigations on the Performance of Materials for Heat Transport and Heat Storage for a Solar Thermal Power Plant</u>
2005	03317002	Jignesh. P. Patel	<u>Implementation of Scaled Model of an HVDC System</u>
2005	03317006	Venkatesh Ganesh Chandran	<u>Power Flow Analysis with Distributed Generation</u>
2005	03317009	Rama Krishna Vepakomma	<u>Design And Implementation of Low Voltage High Current Power Supplies</u>
2005	03317015	Ram Shabd	<u>Waste Heat Recovery in Glass Industry</u>
2005	03317017	Manda Somasekara Rao	<u>Short-Term Load Forecasting for Reliance Energy Limited</u>
2005	03317018	Kapil Muni Singh	<u>Load Management in Municipal Water Supply Systems</u>
2005	03317021	Aman Kumar Jha	<u>Single Stage Single Switch AC/DC Converter with High Input Power Factor and Tight Output Voltage Regulation</u>
2005	03317023	Manisha Jain	<u>Load Emulation Using Power Electronic Converter</u>
2005	03317024	Somnath Sengupta	<u>Low Cost Electric Power Quality Monitoring System</u>
2005	03317025	Pooja Gupta	<u>Modeling, Control and Simulation of Voltage Source Converter based HVDC systems</u>
2005	03317026	Ankur Garg	<u>Thermal Analysis of Charcoal Bed in Containment</u>
2005	03317301	K. RAVI	<u>Characterization of leak rates through cracks</u>
2005	03317302	Sangamesh G. Sakri	<u>Market Power Mitigation Using Contracts for Difference in Restructured Power System</u>
2005	03317401	Mandar D. Ghanekar	<u>WATER MANAGEMENT IN PROCESS INDUSTRIES</u>
2005	03317402	Nikesh Patel	<u>Power Electronics Interface with Wind Generators</u>
2005	03317403	Patil Vinod Pradip	<u>Mechanical Characterization of Amorphous Silicon Thin Film Alloy.</u>

2005	03317404	Virendra Vasantrao Dafane	Taget and Synthesis of Cogeneration
2005	03317406	Hari Chandan M	Design and Modelling of Low-NOx Burners
2005	03317407	Bikash Kumar Jaiswal	Parallel Channel Instabilty Studies Related to AHWR
2005	03317408	Vishalkumar K. Bhanani	Experimental comparison of MPPT techniques used for PV systems implemented in conjunction with 2nd and 4th order DC-DC converters
2005	03317409	Somok Gupta Roy	Analytical Study and Power Prediction for Flexible PV System
2005	03317410	Sandeep Chittora	Decision Support System for Hybrid Energy Systems for Electricity.
2005	03317411	Nitesh Kumawat	Development of Energy Efficient Electric Drive for an Electric Vehicle
2005	03317412	Abhishek Kumar	Aerodynamic and Structural Analysis of Horizontal Axis Wind Turbine
2006	03317601	Surendra T. Mankar	Synthesis of iso-octane - A fuel additive by reactive distillation
2006	04317001	Priya Verma	Direct Torque Control of Interior Permanent Magnet Synchronous Motors
2006	04317003	Prajal Gaokar	Modeling of Polymer Electrolyte Membrane (PEM) Fuel Cell
2006	04317004	Alagesan Apparaju	Measurement of Heat Transfer in a Duct with Roughness Elements and Coolant Ejection
2006	04317005	amol s hukkerikar	DESIGN AND PROCESS INTEGRATION OF MULTIPLE EFFECT EVAPORATORS
2006	04317007	SREERAJ E. S.	Performance Improvement of One Cycle Controlled Converters
2006	04317009	Jai Prakash	PLL-Less Active Power Filters
2006	04317010	Ameya Liladhar Gokhale	Design and Fabrication of Room Evaporative Cooler - cum - Electric Heater for Domestic Applications
2006	04317011	Lokesh Jain	Comparison of Thermosyphon type Solar Domestic Hot Water Systems
2006	04317012	Dinesh Kumar Dwivedi	Direct Torque Control of Induction Machine
2006	04317301	vijay s. patil	Straight vegetable oils (SVO) in C.I. engines
2006	04317402	Nilesh Agrawal	Linear Stability Analysis of Density Wave Oscillations in a Single Channel Boiling Loop
2006	04317403	Obaidurrahman Khalilurrahman	Control of Spatial Xenon Oscillations in Nuclear Reactor
2006	04317404	Kashinath Nimba Patil	Mass production of Carbon Nanotubes (CNTs)
2006	04317405	vaidyanathan iyer	benchmarking of energy consumption in central air conditioning system
2006	04317801	Bisoi Sukant Ravindra	Kinetics of Biodiesel Production Process
2006	04317802	Tarun Kumar	DSP Based Control of Non-Conventional Energy Fed DC-DC Converters Operating in Parallel
2006	04317803	Rakesh Sharma V	Testing of Paraboloid Concentrating Solar Thermal Collector
2006	04317805	Chetan Joshi	Modelling and Simulation of Integrated Solar Combined Cycle
2006	04317806	Shashikant S. Maurya	Numerical analysis of heat transfer coefficient of supercritical water for subchannel flow
2006	04317807	Y Santhosh Kumar	Block QR Decomposition To Power System State Estimation
2007	03317405	Niranjan Khardenavis	Experimental evaluation of gas turbine exhust heat recovery steam generator module for

			<u>Ship board application</u>
2007	04317601	GRENVILLE NORONHA	<u>Simulation of Automatic Load Transfer in a Power Plant</u>
2007	05317001	Abhijit D Chuadhari	<u>Retrofit for energy efficiency improvement in glass industry.</u>
2007	05317002	Akshay Arvind Datye	<u>Analysis of Passive Downdraft Evaporative Cool Tower</u>
2007	05317003	Ankush M. Ujawane	<u>Analysis of hydrogen production by E. coli MG1655</u>
2007	05317005	Shirish Kant Deodhar	<u>Hybrid Distributed Generation System Operating in Islanded Mode</u>
2007	05317008	Himanshu Raja	<u>Energy Conservation In Distillation</u>
2007	05317012	Darshan Singh Yadav	<u>Short-Term Load Forecasting Using Combining</u>
2007	05317301	Shabbir S. Bohra	<u>Single Phase, Single Stage Grid connected PV based Inverter utilizing One Cycle Control Technique with Modified MPPT</u>
2007	05317302	Prasad Parulekar	<u>Use of Updraft Gasifier for power generation</u>
2007	05317402	Nikhil Edlabadkar	<u>Control of Axial flux Brushless Dc motor using TMS320LF2407</u>
2007	05317403	Deepak Bhimrao Mahajan	<u>Online Monitoring and Diagnostics of Power Transformers</u>
2007	05317404	Hari Kiran Prasad. D.N	<u>Catalyst Deposition on Powder Substrate for Carbon Nanotubes Growth</u>
2007	05317801	Harshita Rusia	<u>Development of CI engine for dual fuelling with Biogas piloted with Vegetable oil</u>
2007	05317802	Chandrarao Jayawantrao More	<u>Energy Efficiency Scenario for Maharashtra Power Sector</u>
2007	05317803	Santosh V. Kumar	<u>Experimental and numerical investigation of flow through porous media</u>
2007	05317804	Niraj Pathak	<u>Hydrodynamic Study of Gas-Solid Fluidized Bed</u>
2007	05317805	Mukesh Kumar Vyas	<u>Control of Switched Reluctance Motor with Sensorless Detection of Rotor Position</u>
2007	05317806	ASHISH KUMAR DAS	<u>WATER AND HYDROGEN MANAGEMENT</u>
2007	05317807	Pallapothu V S Kumar	<u>Low level (2x) concentrator PV Systems</u>
2007	05317808	sripal takkallapally	<u>Optimal sensorless control of switched reluctance generator</u>
2007	05317810	Surendra Jain	<u>Modeling of Inverted Annular Film Boiling</u>
2007	05317811	anirudha ambekar	<u>investigations on two phase flow through offset fin channel with R134a as working medium</u>
2007	05317812	Keshav Kumar Gupta	<u>Interaction between induction motor drives and low voltage power systems including non-idealities</u>
2007	05317813	Ashutosh Maheshwari	<u>Field Measurements of PV Module Parameters</u>
2007	05317815	Tanmay Joshi	<u>Numerical Analysis of Winding Stray Losses in Transformers</u>
2007	05317816	Krishnakant Gupta	<u>Optimal Power Generation and Scheduling</u>
2007	05317817	Amit Kaushik	<u>A Grid Connected Fuel Cell System: A Simulation Study Involving The Cell Dynamics</u>
2008	05317601	Sandeep J. Bhosale	<u>Simulation of Solar Industrial Process Heat System</u>
2008	06317004	Manish M Rane	<u>Modelling of Circulating Fluidised Bed Boilers</u>

2008	06317005	Vivek Kabra	Alternatives for Energy Autonomous Residential Building
2008	06317006	Sivaramakrishna Tella	Analysis of hydrogen storage based renewable energy system
2008	06317007	Suresh Krishna I P	Matrix Converter for Doubly Fed Induction Generator
2008	06317008	Manisha Pawar	Modeling of Carbon Monoxide and Nitrogen Oxides Generated in Four Stroke Spark Ignited Gasoline Engines
2008	06317010	Vandana Rallabandi	Experimental Investigation of Design and Control of Outer Rotor Segmented Switched Reluctance Motor
2008	06317011	Sharvari Shekhar Bendarkar.	Methods to Improve Operational Efficiency of DISCOMS
2008	06317012	kajal Shah	Modelling and Experimental investigation of Dual fuel engine
2008	06317013	Arti Kumari	Design & Implementation of Energy efficient Electronic Ballast
2008	06317014	Pronoy Ghosh	Experimental and numerical investigation on Low cost wind turbine
2008	06317015	Tirupathi reddy	Implementation of real time control and monitoring function in a laboratory model of a power system
2008	06317016	Sivapriya	Optimal Placement and Sizing of Distributed Generators in Microgrid
2008	06317017	A. Venugopal	Experimental and Numerical Investigations on Vortex Flowmeter
2008	06317018	Antisen A maliekal	Fabrication of Silicon Nanocrystals Embedded in Silicon Nitride Matrix
2008	06317301	Nishith B Desai	Organic Rankine Cycle
2008	06317302	Pradeep Sharma	Optimization of Energy Sources with respect to Size, Economy, Efficiency and Other Parameters for a Hybrid Distributed Generation System
2008	06317303	Chikku Abraham	Analysis of Partial Discharge Propagation for Diagnostics of Transformers
2008	06317304	J. Surya Prabha	A Comparison of Forward and Flyback S4 PFC Topologies for a High Power Factor Lithium-Ion Battery Charging Application
2008	06317801	Dave Jigar Maheshbhat	Development of a design advisor for energy efficient building
2008	06317802	Arvind Kumar Limje	CFD Simulation of Two-Fluid Stratified Developing Flow in a Plane Channel and a Pipe
2008	06317804	Poluru Anil Kumar	Analysis of Characterization Techniques for Nanostructure Materials
2008	06317806	Paresh Govind Kale	GENERATION OF NANO-SIZED SI PARTICLES
2008	06317807	Vinu Thomas	EVALUATION OF CONCENTRATOR PV SYSTEMS UP TO 200X
2008	06317808	TANVEER AHMAD	CFD simulation of efficient cooling of solar cells under light concentration
2008	06317809	Ashish M Upadhyay	Solar Powered High Brightness LED Lantern
2008	06317810	VAMSHI KRISHNA G	THERMAL MODELING OF HOT SPOTS IN TRANSFORMERS
2008	06317811	Rahul Porwal	DSP Based Sensorless Control of Induction Motor
2008	06317812	Chetana Savithri	Real Time Control of Power Electronics Controllers in a Scaled Power System
2008	06317813	VIKAS BANSAL	Cogeneration Potential through Process Integration

2009	07317001	HRUSHIKESH G PATADE	Application of One Cycle Control in Active Power Filters and Microgrid Systems
2009	07317002	BHALERAO VIKRANT HEMANT	Study of Gasifier System Performance as influenced by Characteristics of Biomass Feed Materials
2009	07317004	YADAV DEEPAK JAGDISH	Design of Receiver for Solar Stirling Engine
2009	07317005	VICTOR JOSE	Multi-objective Optimization of Electrical Power Dispatch
2009	07317007	DEBASMITA PANDA	Power System State Estimation using Wide Area Measurement System
2009	07317008	NOOKALA KAMESHWARA YAJNAVALKYA	Refinery Hydrogen Management
2009	07317010	ANAND UPADHYAY	Optimisation of Solar Industrial Process Heat Systems
2009	07317011	VALLIMYALIL MEL GEORGE ABRAHAM	RENEWABLE ENERGY SCENARIOS FOR THE INDIAN POWER SECTOR
2009	07317013	HARATHI NANDA	Design, Development and Evaluation of Solar PV based LED lighting system
2009	07317014	KINJAVDEKAR CHINMAY ARVIND	Development of Testing Procedure for Solar Dish Concentrators
2009	07317016	PATEL HARDIKBHAI ARVINDBHAI	Development of a Building Advisor for Energy Efficiency.
2009	07317301		Design of Isolated Power Systems for Village Electrification
2009	07317401	Mahendra S. Rane	Impact of Demand Side Management on Power Planning
2009	07317402	A. Senthil Kumar	Development of A Novel Light Weight Bipolar Plate System For Polymer Electrolyte Fuel Cells
2009	07317801	RIDDHI AJIT PANSE	Effects of Defects in Bearing Vibrations
2009	07317803	SHARATH S DESHPANDE	PERFORMANCE EVALUATION OF CIRCULAR SLOTTED SEGMENTED SWITCHED RELUCTANCE MOTOR AND CONVENTIONAL SWITCHED RELUCTANCE MOTOR
2009	07317804	NARKHEDE RAVINDRA SURESH	MEASUREMENT OF CURRENT DENSITY DISTRIBUTION IN FUEL CELLS
2009	07317805	RAGINI AGARWAL	Remote Monitoring and Diagnostics of Transformer
2009	07317806	KARNIK KALPESH SUDHIR	Energy Efficiency in Stenter Operation
2009	07317807	WANI PRASAD SHARAD	Experimentation and Modelling of Passive Decay Heat Removal System in Nuclear Reactors
2009	07317809	SHIVAKUMAR	WIDE AREA SYNCHRONIZED FREQUENCY MEASUREMENT SYSTEM
2010	08301019	Neeraj Chandrakant	Experimentation on critical heat flux under oscillatory flow condition

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2010	08317001	Suman Mondal		<u>Tidal In-Stream Power Generation</u>
2010	08317004	Radhamohan Jena		<u>ANALYSIS, SIZING, FABRICATION AND CONTROL OF FIVE-PHASE SWITCHED RELUCTANCE MOTOR FOR IN-WHEEL ELECTRIC VEHICLE APPLICATION</u>
2010	08317005	Pradeepkumar Jaganath Laxmi Po		<u>Study of SILAR deposited ZnO for inverted organic solar cells</u>
2010	08317006	Chintapalli Uma Maheshwararao		<u>CHARACTERIZATION OF SOLAR CELLS FOR LOW LEVEL CONCENTRATION</u>
2010	08317007	Amar Nath		<u>Contact Pressure Distribution in Polymer Electrolyte Fuel Cell</u>
2010	08317008	Sandeep Verma		<u>Daylight Simulation Of Building</u>
2010	08317009	K. Nagesha		<u>FLUID FLOW MEASUREMENTS AND COMPUTATIONS IN SWIRLING FLOWS SPECIFIC TO TANGENTIALLY FIRED BOILERS</u>
2010	08317010	Devendra Pareek		<u>Production of Fuel from Plastic Waste</u>
2010	08317011	Mukherjee Agneev Ajoy Nupur		<u>Simulation of steam reforming of methane, methanol and ethanol</u>
2010	08317012	Prabhat Lakhera		<u>Sustainability Analysis for Alternative Transportation Fuels</u>
2010	08317013	Shejwalkar Ashwinkumar Vishnu		<u>Renewaable Energy based Industrial Polygeneration Systems</u>
2010	08317014	Vikas Kumar Verma		<u>Study of De-volatilization Model of Coal and Experimental Validation</u>
2010	08317016	Suryasivaprakash Alapati		<u>Coupling Network Simulators with Finite Element Solvers</u>
2010	08317017	Arun Menon Chandran		<u>MODELLING OF SOLAR RADIATION</u>
2010	08317018	Chandra Kumar Singh		<u>DESIGN AND FIELD IMPLEMENTATION OF THE RENEWABLE ENERGY SYSTEMS</u>
2010	08317019	N V Rajesh Kumar M.		<u>Electrical Simulation of Defects in Thin-film Crystalline Silicon Solar Cells</u>
2010	08317020	Prejith E.K.		<u>APPLICATION OF ONE CYCLE CONTROL IN SHUNT ACTIVE POWER FILTER</u>
2010	08317301	Joel George		<u>ENERGY AND WATER MINIMISATION IN HEAT INTEGRATED PROCESS WATER NETWORKS</u>
2010	08317302	Robins Anto		<u>PERFORMANCE OF WATER-IN GLASS EVACUATED TUBE COLLECTOR</u>
2010	08317303	Moningi Srivalli		<u>Real Time Control of DC Motor and Alternator in a Virtual Laboratory.</u>
2011	08317601	Vinayak Purushottam Muley		<u>Performance Test of Dish Concentrators</u>
2011	09317001	Iyer Gokul Chandramouli		<u>Effect of climate on residential electricity use</u>
2011	09317002	Krishna Priya G. S.		<u>Design of Photovoltaic Thermal (PVT) Systems</u>
2011	09317010	Aniket Prakash Gupta		<u>Design and Development of optimum 4 sensor probe for measurement of Interfacial Area Concentration for bubbly flow in pipe/channel</u>

2011	09317011	Shailendra Kumar	Design and Fabrication of Switched Reluctance Motor for two-wheeler Electric Vehicle
2011	09317012	Kailash Chand Golecha	Investigation on Vertical Axis Hydrokinetic Turbines for Free Flow
2011	09317014	Raghunath Bellala	Analysis of Wind-PV Microgrid with Battery Energy Storage System
2011	09317015	M. Zeeshan AfzaL	CFD Simulation of Circulating Fluidized Bed
2011	09317016	Abhay Kumar Sahu	Conjugate Heat Transfer in the Annulus of Two Concentric Vertical Cylinders
2011	09317023	Sampada Kulkarni	Spatial Analysis of Renewable Power Generation in Maharashtra
2011	09317301	C Dhanesh Chatta	Field Performance of Paraboloid Solar Concentrator Steam Generation Systems
2011	09317302	Arun S. Raj	Economic Comparison of Various Hydrogen Based Standalone PV Systems
2011	09317401	Dileep Reddy Pasula	Optimal Investment Portfolio for Renewable Power System
2012	09317008	Shah Ankur Anilbhai	DSM in Central Air Conditioning Systems
2012	09317009	Kulkarni Prasad Bidesh	Modelling of medium temperature thermal energy storage systems.
2012	09317013	Paka Chaithanya	Modeling and Simulation of Daylight for Energy Conservation in Buildings
2012	09317017	G. Surya Narayana	TRANSFER FUNCTION BASED DEFORMATION DIAGNOSTICS OF TRANSFORMER WINDINGS
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