

**LIST OF MS, PHD REPORTS / THESIS**

S. NO	TITLE	YEAR	COURSE	CARRIED OUT BY
1.	Design Of An Experimental Test Rig For Heat Transfer And Hydrodynamic Research Work On Air Cooled Heat Exchangers	1996	MS	Lt Cdr Abid Mahmud PN
2.	Alternate Firing Arrangement For Ds30b 30mm Guns	1996	MS	Lt Cdr M. Safdar pn
3.	Design of An Evaporative Air Cooler Using Chemical Dehumidification Process To Achieve The Conditioned Space Requirements In Accordance With Human Comforts	1996	MS	Lt Cdr Saifullah Khan PN
4.	Fe Analysis Of Cracked Structures Using Linear Elastic Fracture Mechanics	1996	MS	Ejaz Shahid
5.	Finite Element Simulation of Some Fluid Flow Problems	1996	MS	Akhtar S.M Kashif
6.	Data Generation For Generative Process Planning Simulation	1996	MS	Babar Mehmood Shahzad
7.	Study of The Head Affected Zone Formation In A Gas Tungsten Arc Welded High Strength Steel	1996	MS	Major Syed Aamir Haider
8.	Design of Experimental Facility For The Measurement Of Heat Conduction Through Active Cube	1996	MS	Habib Ahmed
9.	Kinematic & Dynamic Analysis Of A Six Degree of Freedom (6 Dof) Robotic Arm	1996	MS	M. Hussain Kashif
10.	Development of Computational Techniques For The Thermal Analysis of Nuclear Reactor Vessel	1996	MS	Imran Majeed
11.	Design & Development of A Pc Based Temperature, Humidity, Flooding And Smoke Monitoring System For A Remote Compartment Onboard Ship	1996	MS	Farhan Khurram
12.	Design & Implementation of Sensing System For Microcontroller Based Stabilized Platform Onboard Ships	1996	MS	Syed Yawer Abbas
13.	Chemical Quality Of Ground Water of Rawalpindi And Islamabad Region	1998	MS	Lt Cdr Said Rahim PN
14.	Modeling & Simulation of Vibration As Applied To Structures	1998	MS	Lt Nadeem Ahmed PN
15.	Design & Development of Hardware/ Software & Interface For Uploading Software Programmes From Pc To Fire Control Computer As A Replacement of Paper Tape Reader on Board Agosta Class Submarines	1998	MS	Lt Cdr Shahid Ali PN
16.	Design & Development of Hardware/Software For Downloading of Data For Replacement of Paper Tape Reader To a Microprocessor Based System Onboard Agosta Class Submarines	1998	MS	Lt Cdr S M Sami Wasti PN
17.	Design & Development Of Micro Controller Based Remote Control System For Bird Repelling Device	1998	MS	Lt Cdr S Rehan Abbas Jafri PN
18.	Design & Development Of Bird Repellent System For Airports	1998	MS	Cdr Mohammad Saqib Fazal PN
19.	Preparation And Characterization of Multi-Stack Self Deposited CuInSe_x Thin Films	1999	M-Phil	Lt Ashfaq Ali Naz PN
20.	Transient Thermal Analysis of Thin Discs And Plates Using The Finite Element Method	2002	MS	Amber Fishan Qureshi

21.	Finite Element Modeling Of Heat Transfer In Unidirectional Fiber-Reinforced Composites	2002	MS	Asma Erum
22.	Ship Steering Control Using Multilayer Perceptron (Mlp) Networks	2002	MS	Muhammad Usman Keerio
23.	Software Development For Telephone Inquiry & Billing Services Of Pn Telecom (South)	2002	MS	Muhammad Nadeem Aslam
24.	Design of Solar Thermal Absorber For Pool Water Heating System	2003	MS	Cdr Aasim Murtaza PN
25.	Design & Analysis of Parabolic Convergent - Divergent Nozzle	2003	MS	Lt Cdr Muhammad Azeem Jamshed Pn
26.	Cfd Study of Developing Axisymmetric Laminar Boundary Layer In Compressible Flow on Diverging Wall of De-Laval Nozzle Near Throat	2003	MS	Lt Cdr Junaid Latif Akhtar Pn
27.	Numerical Simulation & Finite Element Modeling of Two Dimensional Flow Through A Pipe Containing one Baffle	2003	MS	Lt Cdr Asif Hussain Baig PN
28.	A Pilot Project on Optical Fiber Access Network In Karachi	2003	MS	Wasim Shahid Khawaja
29.	Simulation of Flow Field Around NACA Airfoils And Its Application To Horizontal Axis Wind Turbines	2003	MS	Lt Cdr Monir Muhammad Tahir PN
30.	Design & Development of A Pc Based Identification & Classification Algorithm For Surface/Sub-Surface Targets Acoustic Signatures	2003	MS	Taqi Hasan
31.	A Comparative Study of Different Neural Networks With Respect To Audio Signal Processing Using Neural Networks Tool Box With Matlab	2004	MS	Lt Cdr Nasir Mahmood Asif PN
32.	System Identification Based on Finite Impulse Response (Fir) System Using Matlab	2004	MS	Zeeshan Ahmed
33.	A Unified Modeling Approach Using Bond Graph Methods And Its Application For Model Order Reduction And Simulation	2004	MS	Lubna Chughtai
34.	Attitude Control System Design of Flight Vehicle	2004	MS	Shabana Shaheen
35.	Interfacing of Existing Gas Turbine Tutor With Pc For Data Acquisition And Processing	2005	MS	Lt Cdr Hassan Mukhtar PN
36.	A Comprehensive Paper on Mobile Satellite Communication Covering Inmarsat, Insat And The Next generation Leo /MEO Satellites	2005	MS	Lt Cdr Naeem Qazi M PN
37.	Study Of Polarization Effects In Polymer Electrolyte Membrane Fuel Cells (Pemfc)And Techniques To Minimize It	2005	MS	Lt Cdr Kamran Haneef Chaudhry PN
38.	Computational Analysis of Straight Bladed Vertical Axis Wind Turbine (Giomill)	2005	MS	Lt Cdr M Irfan Nadeem PN
39.	Enhancement Of Passive Sonar Receiver Performance By Adaptive Noise Cancellation Using Matlab	2005	MS	Lt Cdr Shahid Masood PN
40.	Application of Adaptive Algorithms For Wireless Channel Estimation	2006	MS	Lt Cdr Muhammad Safeer Khan PN
41.	Performance Improvement For Adaptive Antenna Array Algorithms (Smart Antennas) In Wireless Channels	2006	MS	Lt Cdr Tariq Meraj Rasool Khan PN
42.	Marine Vessel Position Estimation	2006	MS	Lt Cdr Syed Sajjad Haider Zaidi PN
43.	Recursive Estimation Methods For Identification of Linear Time Invariant Systems	2006	MS	Lt Cdr Omar Ali Beg PN
44.	Design & Analysis of Adaptive Scheme For Echo Cancellation Onboard Ship Telecommunication	2006	MS	Lt Mohammad Mobarak Al Dossary (RSNF)
45.	Local Path Planning of Autonomous Mobile Robots	2006	MS	Engr. Muhammad yasir

				khan
46.	De-Noising A Band Limited Audio (Speech) Signal Using Wavelet Domain Application of Wavelets In Digital Audio Processing	2006	MS	Lt Cdr Shahab Shah PN
47.	OFDM Based Multi Carrier IEEE 802.11a Compatible Wireless Transceiver Design Using Matlab	2006	MS	Lt Cdr Asim Zaman Malik PN
48.	Study Of Active Noise Control Techniques Employing Adaptive Algorithms	2006	MS	Major Muhammad Salim Taqi
49.	Adaptive Equalization of Wireless Channels	2007	MS	Lt Cdr M Afsar Khan PN
50.	Designing, Analysis And Implementation of Adaptive Controller For An Autonomous Surface Vessel (ASV)	2007	MS	Lt Cdr Muhammad Ayub PN
51.	To Evaluate The Air Conditioning & Ventilation Problem Onboard Pakistan Navy Ship Moawin & Calculate The Current Heat Load With Recommendation To Improve The Air Conditioning Onboard	2007	MS	Lt Cdr Mazhar Mahmood Malik PN
52.	To Evaluate The Air Conditioning Problem of Various Compartments, Fitted In Ships Must Onboard Type-21 Ships And Calculate The Current Cooling Load With Recommended: To Implement The Air Conditioning Of Bearing Head Compartment Onboard T-21 Ships	2007	MS	Cdr Khalil Ahmed PN
53.	Pressure Distribution on Head And Stern of A Ship In Motion	2007	MS	Lt Cdr Muhammad Haris PN
54.	Evaluation of Chassis Loads And Steering Performance of An Automobile Converted Into Fuel Cell Driven Vehicle	2007	MS	Lt Cdr Upul Kumarsena PN
55.	Determination of Drag Forces On A Moving Underwater Neutrally Buoyant Towed Object (Cable) With The Help of Computational Fluid Dynamics	2007	MS	Lt Cdr Zulfiqar Ahmed Khan PN
56.	Algorithm Development In-Flight Control of Quad rotor UAV	2008	MS	Engr. M yasir amir Khan Niazi
57.	Implementation of RSA Algorithm On FPGA Platform	2008	MS	Lt Cdr Fawad Qaisar PN
58.	Implementation of Efficient Modular Exponentiation on Reconfigurable Platforms	2008	MS	Kashif Latif
59.	Designing And Simulation of Diesel Particulate Filter (Dpf) For Retrofitting on Existing Diesel Driven Vehicles	2009	MS	Lt Cdr Tauqeer Ahmad Khawaja PN
60.	Fluid Flow And Heat Transfer From Tube Banks In Liquid Metals	2009	MS	Lt Cdr Asif Mahmood PN
61.	To analyze the impact of induction of mesma section (air independent propulsion system) in the PNS / MS. In which, pressure drop and flow rates and subsequent power loss have to be calculated through the fluent, a cfd software	2009	MS	Lt Cdr Mustafa Shahid PN
62.	L / H / H / TDC Multi Objective Optimization Control Synthesis For Mimo Systems	2009	PHD	Jawed Akhtar Bhutto
63.	Design And Analysis Of Course Controller For Autonomous Surface Vessel (Asv) Using Minimum Variance Technique	2009	MS	Lt Cdr Saqlain Hussain Akhtar PN
64.	CFD Study Of Casing Treatment Type Cavities In Axial Flow Compressors of Turbo Machineries	2009	PHD	Shahnaila Tariq Ozair
65.	Design Optimization And Software-Based	2009	MS	Lt Cdr Haider Salman PN

	Simulation of End-Fed Directional Log-Periodic Dipoles Array Antenna For Hf Communication In Coastal Region of Pakistan			
66.	Mathematical Modeling And Design Optimization of Centre-Fed Vertically Polarized Inverted V Antenna For Mf Maritime Radio Station	2009	MS	Lt Cdr Muhammad Arshad Minhas PN
67.	Fluid Flow And Heat Transfer From Tube Banks In Power- Law Fluids-Analytical Study	2009	MS	Lt Cdr Ali Hyder PN
68.	An Efficient Look-Up-Table Implementation Of AES USING Virtex-5 FPGA	2009	MS	Dur-E-Shahwar Kundi
69.	Unsteady Analysis of Tandem Bladed Centrifugal Compressor	2010	MS	Lt Cdr Syed Hasan Raza PN
70.	Real Time Implementation of LMS (Least Mean Square) Adaptive Filter On Embedded Platform	2010	MS	Javed Zia
71.	Numerical Study of Pressure Distribution In Casing Treatments of Gas Turbine	2010	MS	Lt Cdr Mudassar Khurshid PN
72.	Design Optimization And Analysis of Centre-Fed Vertically Polarized Inverted V Antenna For Mf Communication Using Genetic Algorithm	2010	MS	Nabeela Naseer
73.	Efficient Implementation of Diffie-Hellman Key Agreement Algorithm Using Reconfigurable Hardware	2010	MS	Ashar Mahmood
74.	Designing, Analysis And Implementation of Adaptive Controller For An Autonomous Surface Vessel (ASV)	2006	MS	Ltcdm Ayub Muhammad
75.	Adaptive Equalization of Wireless Channels	2007	MS	Lt Cdr Afsar Khan
76.	De-Noising A Band Limited Audio (Speech) Signal Using Wavelet Domain Application of Wavelets In Digital Audio Processing	2006	MS	Lt Cdr Shahab Shah PN
77.	Design And Implementation of A Sensing System For Microcontroller Based Stabilized Platform Onboard Ship	2006	MS	Syed Yawer Abbas
78.	A Single Image Interpolation Scheme For Enhanced Super Resolution Biomedical Imaging	2010	MS	Faisal Azhar
79.	Data Generation For Generative Process Planning Simulation	1998	MS	Babar Mehmood Shahzad
80.	Numerical Study of The Effect of Variations In Tip Clearance & Gap Between Rotor And Stator of A Multi Stage Axial Compressor	2010	MS	Lt Cdr Malik Muhammad Imran PN
81.	Theoretical Modeling And Design Optimization Of A Broadband Antenna For Maritime Stations	2010	MS	Lt Cdr Imran Khan PN
82.	Tuning Of PID Controller Parameters For Ships Heading Control System Using Classical & Genetic Algorithm Optimization Techniques	2010	MS	Lt Cdt Muhammad Haseeb PN
83.	Structural Design Optimization of Sheet Metal Support Sub Assembly Based On Finite Element Methodology	2010	MS	Major Nasir Mehmood
84.	Buckling Analysis of Cylindrical Body Using Finite Element Analysis	2010	MS	Major Amjad Mehmood
85.	An Exploratory Analysis of Supplier Development In Pakistan's Manufacturing Industry	2010	MS	Lt Cdr Abdull Rasool Memon PN
86.	Design And Analysis Of Autopilot For An Aerodynamic Vehicle	2010	MS	Zohaib Khalid
87.	Effects Of Radiation on Mixed Convection In Power Law Fluids Along Cylindrical Surfaces Embedded In A Saturated Porous Medium	2010	MS	Lt Cdr Qaisar Ali PN

88.	Area And Resource Efficient Architecture For AES On FPGA	2011	MS	Saleha Zaka
89.	Hardware Implementation of Secure Hash Algorithm (Sha-3) Candidate (Skein) On FPGA	2011	MS	Muhammad Tariq
90.	FPGA Based Secure Access System For Medical Imaging	2011	MS	Qurat UI Ain
91.	Spiht Image Compression And Reconstruction on Field Programmable Gate Array	2011	MS	Ursila Tanweer Khan
92.	Implementation of Secure Electronic Mail System For Military Purposes	2011	MS	Lt Cdr Abdul Mateen PN
93.	Design And Implementation of Hyper Elliptic Curve Cryptosystem In Software Environment	2011	MS	Lt Cdr Faisal Bin Badar PN
94.	Bandwidth Enhancement of Wlan And Wi-Fi Patch Antennas	2011	MS	Mr. Ahmad bilal
95.	Drift Estimation In Inertial Navigation System Using Kalman Filter And Comparison With Other State of The Art Estimation Technique	2011	MS	Ms. Mehvish Anwar
96.	A study of If top-loaded monopole antennas using numerical modeling techniques. Comparison to scaled test model measurements.	1987	MS	Mr. Riaz Mahmud
97.	Direct Bit Detection Receiver Noise Performance Analysis For 32-Psk And 64 PSK Modulated Signals	1987	MS	Lt Cdr Iftikhar Ahmed
98.	Study of The Heat Affected Zone Formation In A Gas Tungsten Arc Welded High Strength Steel	1998	MS	Major Syed Amir Haider
99.	Fe Analysis of Cracked Structures Using Linear Elastic Fracture Mechanics	1996	MS	Ejaz Shahid
100.	Anti-Sky Wave Am Broadcast Antenna Design	1987	MS	Sarfraz Hussain
101.	Development of An Algorithm And Its Implementation In Fortran 77 For Computer Aided Designing Of Shafts	1992	MS	Lt Cdr Mohammed Azhar Jameel
102.	Direct Bit Detection Receiver Noise Performance Analysis For 32-Psk And 64-Psk Modulated Signals	1987	MS	Lt Cdr Iftikhar Ahmed
103.	Direct Bit Detection Receiver Performance Analyses For 8-Dpsk And 16dpsk Modulated Signals Operating With Improper Carrier Phase Synchronization	1987	MS	Mehmet Sevki Sekerefeli
104.	Comparison of Measured And Transformed Directional Wave Spectra Using Linear Refraction Model	1989	MS	Mohammad Asmatullah Khalid
105.	Thermo Mechanical Processing Of Aluminum Alloy 2090 For Super Plasticity	1989	MS	Mohammad b. Choudhry
106.	Development of Computational Techniques For The Thermal Analysis of Nuclear Reactor Vessel	1998	MS	Imran Majeed
107.	Design And Development of A Pc Based Temperature, Flooding And Smoke Monitoring System For A Remote Compartment Onboard Ship	1999	MS	Farhan Khurram
108.	Alternate Firing Arrangement For Ds30b Guns	1996	MS	Lt Cdr Muhammad Safdar PN
109.	Data Generation For Generative Process Planning Simulation	1998	MS	Babar Mehmood Shahzad
110.	Design And Development of Adaptive Noise Cancellation System	1996	MS	Lt Cdr Mohdd Aslam PN
111.	Design of Experimental Facility For The Measurement of Heat Conduction Through A Cavity Cube.	1998	MS	Habib Ahmed
112.	Design of An Evaporative air Cooler Using		MS	LT CDR SAIFULLAH

	Chemical Dehumidification Process To Achieve The Conditioned Space Requirements In Accordance With Human Comforts.			KHAN
113.	Direct Bit Detection Receiver Noise Performance Analysis For 32-Psk And 64-Psk Modulated Signals	1987	MS	Lt Cdr Iftikhar Ahmed
114.	A Sequential Monte Carlo Based Recursive Technique For Solving NDE Inverse Problems	2009	Ph.D	Tariaq Mairaj Rasool Khan
115.	Fuel, Maintenance And Safety Analysis At Unilever RYK Factory – Exploration of Fuel, Maintenance And Safety Management At Industry Level	2011	MS	Lt Cdr Atif Naveed Hadis PN
116.	Emission Analysis, Reduction Methodologies Along With Recommendation on Exhaust Utilization of Diesel Generators And Boiler of Unilever Pakistan Rahim Yar Khan Factory.	2011	MS	Sqn Lder Farrukh Afaq Qasmi
117.	Sliding Mode Control For Electromagnetic Levitation System Based on Feedback Linearization	2011	MS	Muhammad Aamir Akram
118.	A Self Tuning Fuzzy Logic Control For Industrial Temperature Regulation (Dyeing Washing Range)	2011	MS	Murtaza Shahid
119.	Design of balanced scorecard for an academic institution: a case study of national university of science and technology, PNEC Karachi.	2011	MS	Zahra Andleeb
120.	Robust Missile Autopilot Design Via Multiple Surface Sliding Mode Control	2011	MS	Zuhaib Umar Khanzada
121.	Pitch Angle Control of Wind Turbine	2011	MS	Shehryar Khan
122.	Design And Development Of An Efficient Middleware For Control Systems	2012	MS	Ijlal Haider
123.	Integration of Rohc User Space Library With Linux Kernel Using Netlink Socket	2012	MS	Javed Raza
124.	FPGA Based MTI Radar Processor	2012	MS	Munaza Yousuf
125.	design of an Integrated active noise cancellation (and) system using FXLMS algorithm for periodic noise	2012	MS	Muhammad Rafeay Ayaz
126.	An Efficient Implementation of “KECCAK” Sha-3 Candidate on FPGA	2012	MS	Muhammad Salman Mobin
127.	Multi-Objective Controller Synthesis For Mimo System	2012	MS	Muhammad Bilal
128.	Parallel Software Implementation Of PPM (Method C) Data Compression Scheme	2012	MS	Nabeeg Mukhtar
129.	An Efficient Implementation of Fast Foruier Transformation on XILINX FPGAS	2012	MS	Nighat Jamil
130.	Design of Robust Controller for Telecom power Supplies	2012	MS	kashan ali khan
131.	Clustering of Boot Server for High Availability in Linux Compute Clusters using Kerrighed	2012	MS	Ali Muhammad
132.	Control of Quad rotor Miniature Flying Robot	2012	MS	Syed Mamnoon Akhter
133.	Non Linear Control of Heating Ventilation & Air Conditioning	2012	MS	Mustafa Raza Syed
134.	Implementation of RSA Algorithm Secure Against Timing Attacks	2012	MS	Muhammad Aqeel Aslam
135.	Multiple Polynomial Quadratic Sieve (MPQS) Using High Performance Clusters	2012	MS	Muhammad Sami Khan
136.	Design and Development of Load Monitoring System Kot Addu Power Plant	2002	MS	Lubna Farhi
137.	Adaptive Control of an Inverted Pendulum	2012	MS	Adil Ayub
138.	Implementation & Evaluation of low Area and High Speed Design Architectures of Sha-3 Candidate blake on and FPGA Platform	2012	MS	Muhammad Arsalan

139.	Implementation & Evaluation of SHA-3 Candidate Grostl on FPGA platform using Optimized Architectures for High Throughput and low Area.	2012	MS	Muhammad Adnan
140.	MPC of Class of non-linear systems using Evolving Fuzzy Model	2012	MS	Ali Umair Khan
141.	Algorithm for Load Curtailment in Aggregated Demand Response program	2012	MS	Muhammad Babar
142.	A Study on Effect of Various Machine Control Variables and Angle Size on corner Error in Wire Electric Discharge Machining (WEDM)	2012	MS	Armaghan Ahmad
143.	An Investigation of the Influence of Various Control Variables including work Piece Hardness on the Machining responses and multi response optimization for wire electric discharge machining	2012	MS	Muhammad Ikram ul Haq
144.	Impact of Supplier SMEs on Partnership with LMEs in a manufacturing industry- A case study of Siemens Pakistan	2012	MS	Syed Adeel Hussain
145.	Efficient Implementation of Secure Hash Algorithm (SHA_3) Candidate Skein using Cavium Networks Multiprocessor	2012	MS	Aisha Malik
146.	Fuzzy Model Based Generalized predictive Control of a class of Nonlinear Systems with Constraints Handling	2013	MS	Aqsa Raees
147.	Attitude Control of VTOL-UAVS	2013	MS	Maryam Heidarian
148.	Development and Implementation of Marine Efficient Cryptographic OTH Communication Setup	2013	MS-PhD	Cdr nadem Aijaz PN
149.	Spectrum Access With User Collaboration	2013	MS-PhD	Maria Ashraf
150.	Acoustic Signal Analysis of SONAR Acquired Signal	2013	MS	Cdr Rashid Anwar TI(M) PN
151.	Micro strip Patch antenna Array for LTE and MIMO applications	2013	MS	Muhsin ali
152.	Network Tomography using Genetic Algorithms	2013	MS-PhD	Rashida Ali Memon
153.	New Product Development and customer Knowledge management in Pakistan – An Exploratory study of processes and activities	2013	MS	Hira Mateen Sakrani
154.	Analysis of Factors Affecting the Reliability of Refurbished Transformers at KESC Transformer Workshop	2013	MS	Zohaib Ellahi
155.	MHD Boundary Layer flow and heat transfer over a Flat Plate: Integral Approach	2013	MS	Lt Akber Mirza PN
156.	Energy and Exergy analysis of Multistage Refrigeration system with Different Couples of Refrigerants	2013	MS	Lt Muhammad Shoaib Awan PN
157.	Development of Fault Progression Model for Utilization in Prognostic Techniques	2013	MS-PhD	Ayesha Siddique
158.	Development of Time/Frequency based signal detection Algorithm for Intrusion Detection System	2013	MS	Waqas Ahmed
159.	Comprehensive overview Implementation and comparative Analysis of Different Design Techniques Aided by sinusoid Tracking Algorithm	2013	MS	Muhammad Abubakar
160.	Motor Current Signature Analysis of Induction Motor	2013	MS	Sara Hafeez
161.	Online Global Learning in Direct Fuzzy Controllers	2013	MS	Muhammad Umair Arif
162.	To Design and Develop an Efficient Middleware for the Networked Control System	2013	MS	Farhat Rashid (issued to Kirn Mehoomd)
163.	Effect of Strain Rate & Welding Parameters on structural performance of Butt Fusin welds in HDPE	2013	MS	Ahmed Faraz
164.	Design and Development of a test rig for testing of	2013	MS	Danish kareem Iqbal

	Fuzzy controller			
165.	Material classification using ultrasonic Echoes	2013	MS	Lt Cdr Abdul Rahman PN
166.	Implementation of low Frequency RF Jammer Circuit in an FPGA	2013	MS	Cdr Khawar Jamal
167.	FPGA Implementation of Baseband processing Module for Telecommand Receiver	2013	MS	Salman
168.	Energy Aware QoS Routing Protocol for Cluster Based Mobile Wireless Sensor Network	2013	MS	Abirah Ahmed
169.	Pitch and Torque Control of Variable Speed Wind Turbine using Self learning Neuro Fuzzy Controller	2013	MS	Ahmed Munir
170.	Identification of A fuzzy Model and its Application in A Controller	2013	MS	Nida Qama
171.	Liquid Level Control of Coupled Tanks System using Linear Model Predictive Control	2013	MS	Muhammad Usman Khalid
172.	Sensor less Speed Control of brushless DC Motor using Sliding Mode Observer	2013	MS	Muhammad Rehan
173.	Hyper spectral Image Data Compression	2013	PhD	AAsmat Tasleem
174.	Governor control of Hydro Power System using Fuzzy PID Controller	2013	MS	Abdus Sami
175.	External Flow analysis over Various Shapes Structures A CFD study	2013	PhD	Lt Cdr Ahsan Raza
176.	Modeling and Optimization of a Polymer Electrolyte Fuel Cell	2013	MS	Syeda An aum umar
177.	Optimum Design of a functionally graded PIN FIN used in microelectronics	2013	MS	Syed Farhan Fahim
178.	Performance analysis of different routing protocols for real time and no real time traffic in wireless AD HOD Network	2014	MS	Anum Zaman
179.	Implementing voice over internet protocol on mobile Ad-hoc Network and analyzing its Features Regarding Efficiency and Security	2014	MS	Naveed Ahmed sheikh
180.	Analysis of MPLS Traffic Engineering over IPv6	2014	MS-PhD	Muhammad Farrukh Anwaar
181.	A Study on the effect of Karachi Harbor water on the Integrity of Paint Coatings	2014	MS	MS Ufaq Fahim
182.	X-Ray Dose Reduction in computed tomography (CT) Scans through development and subsequent Implementation of Advanced Reconstruction Algorithms	2014	MS	Salma Talib
183.	Control of Under-Actuated Two-Link ROBOT with Hybrid LQ-Fuzzy Controller	2014	MS	Syed Asad Hussain
184.	Application of Mathematical and Statistical Techniques for analysis of Machinery Defects	2014	MS	Murtaza Hussain
185.	Power Amplifier Characterization Modeling and Design Improvement for 3G Mobile Communications	2014	MS-PhD	Hamid Zia
186.	Exegetic analysis of solar Desalination by humidification Dehumidification method	2014	MS	Sidra Zahid
187.	Possibilities of power generation in Pakistan from geothermal energy resources	2014	MS	Syed ahsan Mustaqeem
188.	The Compact Implementation of SHA-3 Using FPGA	2014	MS	Slia Arshad
189.	Energy and Exergy analysis of Steam power plant in Pakistan	2014	MS	Naveed Husnain
190.	Robust Control and Observer Design for Field oriented Control of 3-Phase Brushless permanent magnet Motor	2014	MS	Syed Ali Asad Rizvi

191.	Dynamic System Modeling of Industrial Boiler using fuzzy Control system	2014	MS	Muhammad Adnan Khalid
192.	Robust Control of a Magnetic levitation system using nonlinear control design techniques	2014	MS	Muhammad Ahsan
193.	Development of an embedded system for implementation of electrical machine fault diagnosis Algorithm	2014	MS	Salman javaid
194.	Hardware in loop simulation of Quadrotor (UAV) Model using embedded Controller	2014	MS	Faizan Shahid
195.	Energy and exergy analysis of thermal power plant in Pakistan (Bin Qasim Thermal Power station, Karachi)	2014	MS-PhD	Sheikh Ilyas Tahir
196.	CFD Study of coal gasification using Thar coal specifications	2014	MS-PhD	Syed Muhammad Khubaib
197.	Application of value stream Mapping – target foundry centre	2014	MS	Tahir Mehmood Mughal
198.	Energy and Exergy analysis of a 150TPH steam Generation plant in Pakistan	2014	MS	Muhammad shujjat abbas
199.	Novel damage Diagnosis algorithms for aerospace non destructive testing data using ultrasonic testing	2014	MS	Muhammad Nouman Khan
200.	An experimental study on the deterioration of paint coatings in the bilges of a sea vessel	2014	MS	Tanzila Younas
201.	Autonomous Control of Quad copter via Fuzzy gain scheduled PD control	2014	MS	Saad Sardar
202.	X- rays Dose reduction in computed tomography (CT) Scan through development and subsequent implementation of advanced post processing algorithms	2014	MS	Lt Cdr Iftikhar Ali PN
203.	Optimization of metal cutting process parameters while machining AISI – 1045 steel	2014	MS	Arsalan Qasim
204.	Feasibility study for implementation of reliability centered maintenance (RCM) on propulsion system of F -22P ship	2011	MS	Cdr Tanveer Anjum Bhatti
205.	Measurement system analysis : Gage repeatability & reproducibility evaluation of a quality control laboratory involved in discrete custom made products inspection	2014	MS	Ayesha Waseem
206.	Controlling UAV by an embedded controller	2014	MS	Hamid Saeed Khan
207.	Adaptive fuzzy autopilot using Mamdani controller for track keeping/course steering in coastal waters	2014	MS	Lt Cdre Fauq Mahmood PN
208.	Assessment of mechanical properties of AISI 3161 stainless steel using NDT technique	2014	MS	Sarah Ahmed
209.	Underwater object detection using image processing	2014	MS	Syed Safdar Hussain
210.	Novel flaw classification and profiling algorithm using data fusion of multi frequency eddy current measurements from aircraft structures	2014	MS	Moez ul Hassan
211.	Process failure mode and effect analysis in electronics contracts manufacturing firm	2014	MS	Syed Ali Akber Jamal
212.	Facility Layout analysis & improvement for Honda CD70 cylinder machining at atlas engineering limited	2014	MS	Saad Ahmed Khan
213.	Design and optimization of PHEMT LNA for 4G LTE and wireless communication	2014	MS	Muhammad Arsalan
214.	Comparative study of spur gear characteristics manufactured by CNC wire cut EDM and gear	2014	MS	Abdul Rahim

	lobbing machine			
215.	Design and performance analysis of an autonomous navigation scheme for a fixed wing UAV in matlab / simulink	2014	MS	Shair Afgan Rind
216.	Radio over fiber system modeling with turbo coded OFDM for improved bit error rate	2014	MS	Saeed Shams
217.	Dynamic online fuzzy Modeling of nonlinear systems	2014	MS	Muhammad Aafaque
218.	Development of Novel Machine Learning scheme for anomaly detection in computer networks solving multi dimensional classification problem	2014	MS	Muhammad Junaid Muzammil
219.	Model predictive flight control for an unmanned quad rotor Helicopter	2014	MS	Mohammad Naveed
220.	Dexter fuzzy logic control architecture for multivariable system (DMFLC)	2014	MS	Lt Cdr Naveed Ahmed PN
221.	Parametric modeling of gear Hob for manufacturing of involute profile spur gears	2014	MS	Sohail basher Qurashi
222.	Efficient low power remote sensing system design for embedded wave ultrasonic structural health monitoring of aerospace structures using wireless	2014	MS	Taha Ali
223.	Exergetic analysis and parametric optimization of solar chimney power plant of variable flow area	2014	MS	Aisha jilani
224.	Austempering heat treatment of AISI 4340 steel and comparative analysis of various physical properties at different parameters.	2014	MS	Lt Najeeb Ullah Khan Niazi PN
225.	Computational fluid dynamics analysis & modification of solar photovoltaic (PV) modules	2015	MS	Muhammad Khaliluah Tunio
226.	Primitive level implementation of AES on FPGA	2015	MS	Kanwal Aslam
227.	Optimal strategy evaluation for utility maximization with multiple risky assets on a reconfigurable hardware	2015	MS	Harmain siddiqui
228.	Energy & Exergy analysis of double side triangular enclosure solar water heater	2015	MS	Muhammad Irfan Tahir
229.	Design algorithm of an induction motor for fault diagnosis	2015	MS	Syed Nazim Hussain
230.	Static and dynamic analysis due to explosion loads on pipe rack	2015	MS	Syed Faisal Ahsan
231.	Impact of disparate storage conditions on direct reduced iron at tuwairqi steel mill	2015	MS	Waqas Ali
232.	Feasibility for implementation of smart grid by survey questionnaire based research	2015	MS	Saud Zafar Usmani
233.	Optimization of machining parameters for ADC10 aluminum Alloy using taguchi approach	2015	MS	M Faraz Khan
234.	Design fabrication and characterization of antenna array for next generation 802.11AC WI-FI Application	2015	MS	Syeda Areeba Nasir
235.	Enhancement in mechanical prosperities of casted aluminum	2015	MS	Muntazir Abbas
236.	Design of a nonlinear output feedback controller for a heavy weight torpedo	2015	MS	Malik M Usman Adeel
237.	A waypoint tracking controller for an autonomous underwater vehicle	2015	MS	Syed Adeel Ahmed Zaidi
238.	Optimization in software defined radio using spectrum sensing and classification techniques for cognitive radio realization	2015	MS	M Awais Javed

239.	Compensation for information loss in networked control system	2015	MS	Anum Naeed
240.	High power amplifier for S-Band radar applications	2015	MS	Muhammad Saad Sohail
241.	Numerical study of heat transfer enhancement using Nano –Fluid	2015	MS/PhD	Waqas Ahmed
242.	Finite element modeling of eddy current testing phenomenon	2015	MS	Zeenat Rajar
243.	Advanced signal processing techniques for denoising/ signal enhancement of eddy current NDT Data	2015	MS	Syed Taufeeq Ahmad
244.	To determine the overall equipment effectiveness of tyre curing press and to investigate the causes of its reduction	2015	MS	Faizan Saleem
245.	Cyclo – stationary analysis of modulated signals used in communication satellites for prospective spectrum sensing application in satellite cognitive radio	2015	MS	Syed Shabeeh ul Husnain
246.	Control of class of non linear system using fuzzy model predictive control scheme	2015	MS	Lt Cdr Zeeshan Altaf PN
247.	The effect of different seawater Compositions of surface condition of Cu-Ni 90/10	2015	MS	Syed Ali Sarfraz
248.	Comparative study on the effect of discrete sea water conditions on mild steel (MS)	20015	MS	Luqman Ashraf
249.	Robust sensor less speed control of doubly fed induction generator	2016	MS	Muhammad Ishfaq
250.	Nonlinear Droop controller design for a Hybrid AC/DC Micro grid	2016	MS	Farooq Alam
251.	Output regulation of multi agent system using conditional servo compensators	2016	MS	Zain ul Aabidin Lodhi
252.	Prognostic algorithm for the computation of flaw growth in an aircraft wing structure	2016	MS	Waleed Bin Yousuf
253.	Fabrication of grapheme based poly vinyl Alcohol composite thin film	2016	MS	Faisal Imriaz
254.	Study of various working fluids on MEMS – based Micro resistoiet thruster through CFD	2016	MS	Muhammad Muzammil Ejaz
255.	Performance assessment of alternate refrigerants for retrofitting R22 air conditioning system	2016	MS	Mian Umar Saeed
256.	CFD design and analysis of two Stage ejector for high altitude testing of satellite thrusters	2016	MS	Hamza Rizwan
257.	Modeling and control of humanoid robotic hand	2016	MS	Sidra Jabeen Yousuf
258.	Corrosion protection of ASTM A516 Grade 70 using chemical conversion method and further improvement by Prior Surface treatment	2016	MS	Muhammad Ali Khan
259.	Study of bare spots problem in a continuous hot dip galvanizing line at a steel manufacturing enterprise using six sigma	2016	MS	Muhammad Uzair
260.	Reducing Residual Stresses For Optimal Machining Of AL-6061 (T-6) alloy through re-heating technique	2016	MS	Abdul Rafey Khan
261.	Quality assessment or lead acid battery formed panels using image processing technique	2016	MS	Asgar Abbas
262.	Application of cause & effect and pare to analysis in a garment industry	2016	MS	Kashif Siddique
263.	Study of industrial process in garment industry of Pakistan for eliminating wastes by applying lean manufacturing tools	2016	MS	Mansoor Aziz

264.	Sigma level evaluation of chocolate production line using DMAIC approach	2016	MS	Umaid Hsan
265.	Reduction of changeover time in pressure die casting process at an automotive parts manufacturer using SMED methodology	2016	MS	Abdul Saboor Zaman
266.	Fuzzy Tops is based cluster head selection in wireless sensor networks with mobile sink	2016	MS	Wakeel ud Ddin
267.	CFD analysis of Bio-inspired corrugated air foil	2016	MS	Saad Ahmed
268.	Bit Parallel computation of SBNDM4 Algorithm using scalable parallel Hardware	2016	MS	Muhammad Tahir Rana
269.	Implementation of the MPC Scheme for Dexter's Fuzzy logic	2016	MS	Muhammad faisal
270.	Flow and heat transfer analysis of wind through wind catcher to improve the space ventilation of a building by using CFD tools	2016	MS	Hafiz Muhammad Saad Jamal
271.	Fuzzy cooperative control for a team of Mobile Robots	2016	MS	Hussain Aftab
272.	Output feedback nonlinear model predictive control for a class of nonlinear systems	2016	MS	Muhammad Noman Hasan
273.	Non-Linear Modeling of final stage GAN HEMT based power amplifier	2016	MS	Muhammad Muzaffar Uddin
274.	Supervisory control for a class of Hybrid systems	2016	MS	Muhammad Ahmed
275.	Drive control design of an autonomous hybrid electric vehicle	2016	MS	M. Suleman Shafqat
276.	Facility Layout optimization using value stream mapping for portable cabin manufacturing at S. Zia ul Haq & sons Pvt Ltd	2016	MS	Ovais Iqbal
277.	CFD & heat transfer analysis in internally grooved tubes comparative analysis of numerical and experimental data W R T heat transfer and single phase flow	2016	MS	Cdr Adnan Aziz Ahmed Qureshi PN
278.	Exergy analysis of solar desalination system under hydrostatically carated vacuum	2016	MS	Joham Saleem
279.	Wearable antenna for body area networks (WBANS)	2016	MS	Lt Cdr M Javed Zafar PN
280.	Numerical study of aerodynamic performance of UNI-BUMP over the surface of airfoil	2016	MS	Asif Ali
281.	Power quality improvement of LV Distribution systems	2016	MS	Danish Gul Khan
282.	Obstacle avoidance control for autonomous ground vehicle	2016	MS	M Ahsan Nisar
283.	Senor-les regenerative for electric vehicle with three-phase brushless DC (BLDC) Motor	2016	MS	Hazwer Naeem
284.	Efficient hardware implementation of cryptographic primitives on field programmable gate array	2016	PhD	Dure e shahwar kundi
285.	CFD Analysis of ocean energy device for optimum power output	2016	MS	Mirza Ahsan Baig
286.	Passive sonar signal detecting and classification	2016	MS	Mohtashim Baqar
287.	Feasibility study for the implementation of smart house project and working on net metering smart grid in a power distribution company	2016	MS	Muhammad Shoaib Khan
288.	Effect on Mechanical properties of grapheme reinforced aluminum matrix composite manufactured through powder metallurgy	2016	MS	Farhan Shabbir

289.	Numerical CFD study of heat transfer and thermal performance with longitudinal fins of solar air heater	2016	MS	Lt Cdr Muhammad Jawwad Moeen PN
290.	Cumulative effect of solution treatment on erosion rate of inconel 718 by sand blasting at different angles	2016	MS	Mohammad Khurram
291.	Providing Reusability in industrial control systems	2017	MS	Sheza Javed
292.	Efficient image processing filters on reconfigurable platform	2017	PhD	Majida Kazmi
293.	Software defined networks test bed development for data center	2017	MS	Muhammad Siraj Muneer
294.	Application of advanced statistical model in forecasting of machinery operation	2017	MS	Muhammad Osama Hussain
295.	Automatic lesion detection system (ALDS) for skin cancer classification using SVM and Neural Classifiers	2017	MS	Muhammad Ali Farooq
296.	Improving production using VSM in an automobile parts manufacturing company	2017	MS	Muhammad Raheel Asghar
297.	Conditional servo mechanism designs for a class of constrained Non Linear system	2017	MS	Muhammad AAtif mobeen Azhar
298.	A Framework of an Ad – hoc, Secure, secure trustworthy (FAST) C41 System using commercial off the shelf (COTS) Items and open sources software (OSS)	2017	MS	Ashfaq Ahmad Malik
299.	Development of economical air – conditioning system using dual compressors for domestic and small scale business facility consumers	2017	MS	Muhammad Arif
300.	Optimizing production efficiency of manufacturing assembling line through kilbridge & wester line balancing method	2017	MS	Muhammad Saeed Awan
301.	Statistical analysis of eddy current NDT related to Aircraft Structures	2017	MS	Omer Zia Siddiqui
302.	Evaluation of aging effect on mild steel (E 6013) welded area using Hilbert Huang Transform	2017	MS	Muhammad Ghazanfar Ali
303.	Numerical study on friction induced noise and its relationship with wear for two bodies in contact	2017	MS	Ali Adil Lashari
304.	An optimized hardware implementation of LBP for pattern extraction	2017	MS	Syeda Midhat Hasan Rizvi
305.	Auto diagnosis and prediction of epilepsy instigating events using electrophysiological (EEG) data intended for patients treatment	2017	MS	Muhammad Khizar Abbas
306.	Activity Recognition using kinect v1 based CAD-60 Dataset	2017	MS	Rabia Asim
307.	Robust control design for DC/DC converter and its hardware implementation	2017	MS	Hammad Sami Khan
308.	Formation control of a class of multi agent system under time delays	2017	MS	Furqan Shafi
309.	Optimal stabilization and trajectory tracking of an autonomous underwater vehicle (AUV)	2017	MS	Owais Kamal
310.	Low latency MAC protocol for industrial wireless sensor network	2017	MS	Samia Marium
311.	Real time model predictive controller for a class of nonlinear systems	2017	MS	Ali Hasnain Yousfani
312.	Fast and Scalable NoC design for multi processors and multi bank memories	2017	MS	Muhammad Uzair Memon
313.	Robust CAPTCHA solver using CNN (Convolutional Neural Networks)	2017	MS	Zaki Masood

314.	Appearance based identification of printed circuit boards using machine vision to facilitate recycling	2017	MS	Iftikhar Ahmed
315.	Landmark based audio fingerprinting for naval vessels using deep learning	2017	MS	Muhammad Abdur Rehman Hashmi
316.	Output feedback stabilization and regulation for a class of under actuated non minimum phase benchmark nonlinear systems	2017	PhD	Nasir Khalid
317.	Effect of hybrid fiber reinforcements on torsional strength of carbon fiber hollow shafts	2017	MS	Mateen Tariq
318.	Determinants of delays in OEM intensive capital refit projects evidence from Pakistan's Maritime sector	2017	PhD	Muhammad Imran
319.	Damage detection using Lamb wave technique for structural health monitoring	2018	MS	Syed Haider Mehdi Rizvi
320.	CFD analysis of Bio inspired corrugated airfoil	2018	MS	Lt Cdr Syed M Tayyab PN
321.	Energy and exergy analysis of solar desalination plant for optimum performance analysis	2018	MS	Nasir Abbas
322.	Performance analysis of IP PBX system for 1500 lines	2018	MS	Ms Kiran Aslam
323.	AES implementation using hardware/software Co-design approach	2018	MS	Ms Ayesha Waris
324.	Adaptive filter based channel estimation for underwater Acoustic Communication	2018	MS	Hammad Hussain
325.	Segmentation and classification of brain tumor MR images through advance machine learning methods	2018	MS	Ms Lubna Farihi
326.	Facility layout optimization of exhaust muffler manufacturing using arena discrete event simulation	2018	MS	Mansoor Ahmed Khan
327.	Enhancement of performance capabilities and quality of service (QOS) for vehicular ad hoc network (VANET)	2018	MS	Syed Waqar Alam
328.	Multilevel heterogeneity based wireless sensing protocol for disaster management system	2018	MS	Muhammad Hassan
329.	Optimizing an offset printing press through overall equipment effectiveness (OEE) calculation	2017	MS	Hamna Ameer
330.	Transformer Health Monitoring	2018	MS	Muhammad Salman Khan
331.	Optimal conditional servo mechanism design for a class of non linear systems	2018	MS	Muhammad Haseeb
332.	FPFA based high throughput packet classification engine for next generation networks	2018	MS	Muhammad Fahad
333.	Comparative analysis of state of the art super resolution algorithms in surveillance environment	2018	MS	Ammar ali Khan
334.	AIGan/GaN HEMT based L-band power amplifier for LTE and wireless application	2018	MS	Zeeshan Ahmad Khan
335.	A Case Study of Design and Implementation of Grid Tied Solar Photovoltaic System with Feasibility Analysis in an Educational Institute of Karachi	2018	MS	Engr. Ali Osama Hasnain
336.	Comparison of NF` s of pHEMT Based LNA` s Designed and Optimised for 4G LTE Mobile Communication on Different Substrates	2018	MS	Muhammad Hussain
337.	Assessment and Correlation of Post Weld Heat Treated Mild Steel Using IN-SITUNDT Ultrasonic Testing Techniques	2018	MS	Ayesha Khalid
338.	"Quantification of Factors Affecting Customer Loyalty in ISP` S of Pakistan: Multinet as a Test Case"	2018	MS	Sohaib Alam

339.	Tool health monitoring for a wood milling process using Airborne Acoustic Emission and Machine Learning Approach	2018	MS	Kaleem Ullah
340.	Study on the Feasibility of Alternatives for Phenolic Resins used in sand casting	2018	MS	Syeda Talat Arshad
341.	Wear Analysis Using Sound Pressure	2018	MS	HUNYUM MURYA
342.	Energy and Exergy analysis of basic and regenerative organic Rankine cycles using siloxanes	2018	MS	Mohammad Waqas
343.	Qualification of Marine Atmospheric Corrosion Kinetics and Dynamics of Bare and Galvanized Mild Steel at Karachi Harbor via Spectroscopic and Microscopic Techniques	2018	MS	Lt Cdr Syed Muhammad Junaid PN
344.	Green Supply Chain Management: Pressure, Practices, and Performance within the Pakistani Automotive Suppliers` Industry	2018	MS	Salman Zahid
345.	To study the effect of operational optimization (changing/varying evaporator leaving water temperature) of TIAC (Gas Turbine Air Inlet Cooling) system on the power and steam production of Saudi Aramco Hawiyah Co-Generation Plant for a range of ambient conditions (temperature and humidity combinations).	2018	MS	Agha Hammad Uddin Khan
346.	To Secure Containerized Telecom Architecture from Internet Threats	2018	MS	Umar Saeed
347.	Optimization of Energy Consumption of Dual Fuel Fired Boiler	2018	MS	Asad Ullah Khan
348.	CFD analysis of enhanced heat transfer through textured surfaces in plate heat exchanger	2018	MS	Kashif Ahmed
349.	Prediction and optimization of export opportunities using trade data and product complexity	2018	MS	Sardar Muhammad Afaq Khan
350.	Pulmonary nodule detection using convolutional neural network	2018	MS	Hassan Imam
351.	BCI based on feature selection methods from motor imagery EEG signals	2018	MS	Mubashira Afzal
352.	Robust cooperative output regulation for a class fo multi agent systems	2018	MS	Muhammad Zeeshan Shamsi
353.	Multi-resolution transform based feature extraction techniques for differentiating Glioma grades using MRI images	2018	MS	Razia Zia
354.	Robust/Optimal control of Minimum-phase nonlinear systems	2018	MS	Salman Zaffar
355.	Robust output feedback control for non holonomic mobile robots (NMR)	2018	MS	Bilal M Yousuf
356.	Design and analysis of photovoltaic based micro grid using varying maximum power point tracking controllers	2018	MS	Sayyeda Umbereen Bano
357.	Sensor motor cortex EEG signal classification using Dynamic programming	2018	MS	Maheen Mumtaz
358.	Finite time formation control for a class of autonomous underwater vehicles	2018	MS	Hassan Ali Qazi
359.	Comparison of different life distributions to model the damage growth in an aircraft wing using historical NDT data	2018	MS	Fabiha Danish
360.	Control of Grid Connected Inverter based on Artificial Neural Networks	2018	MS	Wajiha Zahoor

361.	Thermo gravimetric and kinetic study on the paralytic process of low grade Thar Coal	2018	MS	Naeem Raza
362.	Nonlinear stochastic analysis of machinery health dynamics	2018	PhD	Dr. Cdr Murtaza Hussain
363.	Process parameters effect on the impact and compressive behavior of 3D printed parts	2019	MS	Qaisar Khan
364.	Hardware implementation of IP enabled wireless sensor network using 6LoWPAN	2019	MS	Syed Osama Kamal
365.	Load optimization within residential micro grid with focus on demand response	2019	MS	Farhan Akram
366.	Performance analysis of self organized load balancer web servers over virtualization and dockerization technology	2019	MS	Muhammad Shakeeb
367.	Evaluation of heat treatment effect on the tensile strength of mild steel electric arc welded joints using ultrasonic testing	2019	MS	Abid Shah
368.	Possibilities of power generation in Pakistan from geothermal energy resources	2014	MS	Syed Ahsan Mustaqeem
369.	Supply chain optimization through block chain under Bayesian framework using MCMC methods	2019	MS	Iqra Johim
370.	Modeling of circulating fluidized bed combustor (CFBC) for low grade coal using CFD	2019	MS	Iftikhar Ahmed
371.	Optimization of process parameters for laser welding of AA 5083 aluminum alloy	2019	MS	Ameera Noor
372.	Robust speed control of networked induction motor with uncertain time delay	2019	MS	Kiran Mahmood Ahmed
373.	Nonlinear control design for an anthropomorphic artificial hand	2019	MS	Arifa Khatib Ahmad Qazi
374.	Design, develop and optimize a rocket boosted UAV	2019	MS	Mahrukh M. Hussain
375.	Implementation of industrial communication networks using OPC UA for industry 4.0	2019	MS	Raheel Ali Syed
376.	Comparison between submerged machining and wet machining of AISI 1020 steel	2019	MS	Mushtaq Ali
377.	QOS protocol for vehicular Ad Hoc network	2019	MS	Muhammad Asim
378.	Sensor less Speed Control of a Permanent Magnet Synchronous Motor	2019	MS	Muhammad Azhar Iqbal
379.	Solar Concentrated Fresh Water Production	2019	MS	Muhammad Mohsin Iqbal
380.	To Calculate the Energy And Exergy efficiencies and To determine the Exergo economic and Exergo environmental effects of Multi-Generation System	2019	MS	Eliezer Zahid Gill
381.	Enactment of LDPC Code over DVB-S2 Link system for BER Analysis using MATLAB	2019	MS	Shariq Siraj Uddin
382.	Greater ingress of distributed generation in conventional microgrid (power system) with respect to economical disparte and unit commitment	2019	MS	Aurangzaib Khan Rana
383.	Optimization Algorithm for residential load management	2019	MS	Syed Maisam Abbas Abidi
384.	Implementation of a robust control scheme for a DC-DC Converter	2019	MS	Syed Hassan Mansoor Hashmi
385.	Hardware Implementation of energy efficient clustered routing for wireless sensor network	2019	MS	Muhammad Abobakar
386.	Evaluation of heat treatment effect on impact strength of glass fiber reinforced composite material using NDT technique	2019	MS	Syed Ali Zia Naqvi

387.	Protocol and Architecture for crowd associated networks (CrAN's)	2019	MS	Syed Osama Afzal
388.	Localization and routing of flying AD-HOC networks (FANETs)	2019	MS	Muhammad Haider Ali
389.	Investigation of Gasoline Engine Behaviour using HHO (Oxy Hydrogen) as a fuel additive	2019	MS	Muhammad Shehryar Bhatti
390.	Evaluate different blend of biofuels using engine parameter such a power BSFC and engine emission by adopting standard testing procedure	2019	MS	LT CDR (R) Navid Ashraf T BT PN
391.	Robust Ecrypted Underwater Communication with LPI/LPD	2019	MS	Sana Gul
392.	Node-Red based Industrial Automation Solution	2019	MS	Mohammad Ahmed Memon
393.	An Optimized Hardware implementation of support vector machine on FPGA	2019	MS	Abdul Hafeez
394.	Format Preserving Encryption	2019	MS	Sidra Rahim
395.	Implementation of Naïve Bayes Classifier on hardware Using FPGA	2019	MS	Nauman Memon
396.	Real Time Optimal Control for Uncertain Systems using Reinforcement Learning	2019	MS	Abdul Sami
397.	Large scale 3D Simultaneous location and Mapping (LS-3D-SLAM) using Monocular vision	2019	MS	Shaharyar Ahmed Khan Tareen
398.	Vehicle detection classification and make identification using deep learning	2019	MS	Syeda Aneeba Najeeb
399.	Detection of Abnormal occurrence/Event in real world surveillance videos	2019	MS	Sarmad Ayaz
400.	Predicting action repetition in videos using neural network	2019	MS	Moazam soomro
401.	Dynamic hand gesture recognition	2019	MS	Aqsa Ali
402.	Load dispatch management of a general metropolitan city network	2019	MS	Hemant Parkash
403.	Energy Exergy and economic analysis of novel parabolic trough collector power plant	2019	MS	Jahanzeb Javed
404.	IoT Based Health Monitoring of Electrical Machines	2019	MS	Ammad Ali Khan
405.	Bearing Degradation prognosis under corrosion conditions	2019	MS	Haroon Suleman
406.	Optimization study of Multi Generation system energy, exergy and cost analysis	2019	MS	Muhammad Abdullah Mohammad Abdulmannan
407.	Design of Algorithm for Generator Health Monitoring	2019	MS	Muhammad Suleman
408.	Experimentation and modeling on general corrosion behavior of marine steel grade S275 under effects of polluted water of Arabian sea	2019	MS	Owais Ahmed Khan Malik
409.	Power Prediction of Waste Heat Recovery System Using Neural Networks	2020	MS	Ahmer Ali
410.	Failure Prediction and classification in natural gas pipelines using artificial neural network	2020	MS	Abdul Manan
411.	Health Monitoring of Rotating Machines using AI-based Approach	2020	MS	Muhammad Fahad
412.	Estimation of loss of fuel from Road Tanker	2020	MS	Hafsa Mir
413.	Remaining useful life prediction of XLPE Aerial bundled cables on coastal areas through on-field data and development of fatigue model	2020	MS	Syed Talha Tariq
414.	Cost-Effective maintenance scheduling method of	2020	MS	Shayyan Farrukh

	industrial equipment/components via stochastic programming			
415.	Conditional Based Health Monitoring of Transformer	2020	MS	Muneeb Islam
416.	Parallel Operation of DC-AC Inverters for Micro grid Application	2020	MS	Muhammad Hassan Shah
417.	Analysis of Reliability & Maintainability of IEEE RTS 24 Bus System	2020	MS	Muhammad Zohaib Sohail
418.	Study of Optimum Photovoltaic Energy Ingress in Conventional Grid System Without Compromising Stability Margins	2020	MS	Wania Rafi
419.	Design of A Peer To Peer Energy Trading on a Micro Grid	2020	MS	Muhammad Farhan Aslam
420.	Determination of Open water and self-propulsion characteristics of Naval Ship Using Actuator Disc/CFD	2020	MS	Awais Haider
421.	Detecting Malicious Activities Over Telephone Network for Urdu Speaker	2020	MS	Sehar Gul
422.	Routing of CRANs	2020	MS	Yumna Saleem
423.	OPC UA Based IIOT Framework for Real-Time Processing of Events using PUB/SUB	2020	MS	Maryam Waris
424.	Marine Composite structure multistress accelerated aging analysis	2020	MS	Maaz Khan
425.	Development of potential based 3D panel method code for the design of control surfaces of ship	2020	MS	Talish Mahmood
426.	Design and Development of Inspection Class Remotely Operated Vehicle	2020	MS	Saqib Raza
427.	Design of a peripheral jet type high speed air cushion vehicle	2020	MS	Muzamil Anees
428.	Development of a Tool for stability and hydrostatic calculation of PNS Alamgir	2020	MS	Umair Abbas
429.	Submerged and surface resistance prediction of submarine using CFD and Empirical techniques	2020	MS	Muhammad Asad
430.	Review of designing techniques of modern fishing trawlers with an aim to design a customized fishing trawler for national fishing requirements	2020	MS	Zamil Mustafa Shah
431.	Comparative study of Russian Submarine Designing Philosophy with that of European with an aim to devise a sizing tool based on Russian designing methodology for a large submarine	2020	MS	Noor Muhammad Khan
432.	Designing of tool for stability and hydrostatic calculations of a F-22-P	2020	MS	Muhammad Raheel Shahzad
433.	Review of Traditional Designing techniques of fishing boats in Pakistan aim for improvement in design methodology in light of advanced fishing boat designing	2020	MS	Muhammad Hussain Bin Sajid
434.	Resistance prediction of high-speed semi-planning hull in planning mode using computational fluid dynamics	2020	MS	Syed Muhammad Meesam
435.	To develop a source panel method tool to estimate pressure distribution over a 3D Non-Lifting Prolate ellipsoid of revolution	2020	MS	Zulqarnain Ali
436.	Development of a tool for stability and hydrostatic calculation of PNFT (Moa win)	2020	MS	Muhammad Alamgeer
437.	Structural assessment and CFD simulation of hydrofoils using commercial software	2020	MS	Jawad Hussain

438.	Anomaly detection in automated surveillance using semi-supervised learning	2020	MS	Ammara Tanveer
439.	Simulation based structural analysis of an oil tanker bulkhead	2020	MS	Hassan Raza
440.	Hull survey methodology and Hull Assessment of Coastal Tanker	2020	MS	Muhammad Usman
441.	Evaluation of all Radar cross section simulation and measurement techniques for Naval ships with an aim to propose an improvised field trials methodology to measure ships RCS	2020	MS	Imran Khan
442.	Development of A sizing tool for conventional submarines at concept design level	2020	MS	Zeeshan Hafeez
443.	Efficient wireless sensor network (WSN) implementation for structural health monitoring (SHM) applications	2020	MS	Syed Humair Ali
444.	Optimization and survey of leach algorithm for WSNs	2020	MS	Farjad Dildar Ghuman
445.	Asynchronous track to track association using dynamic time warping	2020	MS	Muhammad Qasim
446.	Optimization of hybrid routing protocols of fanets	2020	MS	Aniqa Saba
447.	Machinery health prognostics of rolling element: Through vibrant data	2020	MS	Abdul Basit Aftab
448.	H Infinity based mobile robot control along with optimal path planning using free segment and turning point algorithm	2021	MS	Rida ul Haq Siddiqui
449.	Efficient novel algorithm for ILL-posed inverse problems	2021	PhD	Syed Muhammad Umar Talha
450.	Optimization and CFD Analysis of cooling tower in thermal power plant with different angle of fan blades	2021	MS	Muhammad Talha Mujib
451.	Piezo-Electric Tiles	2021	MS	M Hashim Raza
452.	Reliability estimation of seawater pump	2021	MS	Muhammad Khuldoon
453.	Seismic facies segmentation using ensemble of convolution neural networks	2021	MS	Bilal Abid Butt
454.	Classification of varying fault intensities in distribution transformers	2021	MS	Muhammad Saqib Dastagir
455.	A proposed topology / implementation scheme for peer to peer energy trading	2021	MS	Muhammad Abdullah
456.	Hardware implementation of image enhancement technique for biometrics	2021	MS	Syeda Nashra Raza
457.	FEA quantification of impact of PRG-7 designing slat armor on armored personnel carrier	2021	MS	Omer Farooq
458.	Autonomous mobile robot navigation using EKF-SLAM 2021 MS Umme Han	2021	MS	Omer Farooq
459.	Reliability estimation of seawater pumps motor	2021	MS	Muhammad Atif Khan
460.	ANN based health monitoring of electrical machines	2021	MS	Muhammad Zuhaib
461.	Robust speed control of induction motor with networked induced variable time delay	2021	MS	Isra Jamil
462.	Home grown GPS receiver development using efficient GPS signal acquisition	2021	MS	Tahir Zaman

463.	Design of X-Rudder autonomous underwater vehicle's motion control using sliding mode control technique	2021	MS	Yasir Ameer
464.	Harmonic suppression using a model predictivecontrolled active filter	2021	MS	Syed Adeel Abdullah
465.	High performance IP sec using fast data plane	2021	MS	Ms Saba Naeem
466.	Capacity enhancement of wireless network usingnetwork coding technique	2021	MS	Nameer Javed
467.	Fault analysis of an induction motor as LoT based	2021	MS	Shaikh Hassan Abbas
468.	Prediction of sea keeping characteristics using blended non linear hydrodynamics for mono hullvessels	2021	MS	Sameer Adnan Ansari
469.	A data driven approach to establish optimal locationfor a discrete service facility	2021	MS	Mia Umair Akram
470.	Integration of FMECA and statistical analysis forpredictive maintenance	2021	MS	Rabia Ghani
471.	Evaluation of flattener rotor feasibility for fuel saving aboard commercial ships in Indian ocean regionusing GFD analysis	2021	MS	Mehran Khan
472.	Real time bearing fault diagnosis of wind turbine	2021	MS	Fahad Ali
473.	Analyze the behavior of non premixed turbulentcombustion by using ANSYS	2021	MS	Muhammad WajahatRasool Arain
474.	Risk assessment modeling using pattern recognitionand data mining	2021	PhD	Mustafa Jan
475.	Robust sensor less propulsion control for a classes of X-rudder autonomous underwater vehicle	2021	MS	Muhammad Mudassir
476.	Design of ASW frigate	2021	MS	S/Lt Wasim Shahzad
477.	Performance optimization of water cooled centrifugal chiller in commercial building in Karachi	2021	MS	Muhammad Saqib
478.	Modeling and simulation of given Pakistan Navy ship for hull resistance prediction using CFD technique	2021	MS	M Osama Saeed
479.	Design and optimization of marine propeller	2021	MS	Mujeeb Ahmed
480.	Design and CFD analysis of a wave generator in towing tank	2021	MS	Muhammad Omer Rafiq
481.	Investigation and validation of ship maneuvering	2021	MS	Obaid Ullah Khan
482.	Design tool for stability compliance with IMO second generation rules and regulation with user friendly interface	2021	MS	Hanan Shahzad
483.	Modeling of hull form of a fast craft and resistance prediction CFD	2021	MS	Ghulam Qamber Shahzad.
484.	Design And Simulation Of Sliding Mode Control For Speed Of Induction Machine	2021	MS	Ubaid Rajput
485.	Application of Machine learning in Incident response	2021	MS	Saad Zafar
486.	Hybrid approach of artificial intelligence with prognostic measurements to calculate state of health and remaining useful life of Li-Ion battery	2021	MS	Hafiz Saim Ahmed
487.	Robust control technique for 3 Degree of freedom fully upper limb exoskeleton	2021	MS	Muhammad Usama

				Qureshi
488.	Modal analysis of gunboat using element method	2021	MS	Tayyab Naeem
489.	Numerical investigation of viscoelastic properties cellular structures	2021	MS	Muhammad Nauman Nawaz
490.	Numerical investigation of leading edge tubercles on hydrofoil	2021	MS	Jamal Ud Din
491.	Validation of total hull resistance of Pentamaran ship model with varying configuration of outer side hulls through CFD	2021	MS	M Zeeshann Iqbal
492.	Development of stability calculations tool for Azmat class ships	2021	MS	Muhammad Shakeel
493.	Visual detection, classification and tracking of maritime vessels in harbor environment	2021	MS	Khalid Waleed
494.	CFD based study of appendages design for dynamic stability of underwater vehicle	2021	MS	Muhammad Ali Tariq
495.	Hullform optimization and controllability of catamaran (SWATH) Hullform	2021	MS	Adil Hassan
496.	Design of a commercial submersible for ocean bed survey	2021	MS	Amar Ejaz
497.	Control of deformation in hull structure –a study	2021	MS	Saad Ahmed
498.	Fatigue analysis of thick plates	2021	MS	Zulqarnain Mukhtar Mahmood
499.	Investigation of beaching effect in a towing tank using CFD and in a small-scale towing tank	2021	MS	Muhammad Asad Zaheer Tanoli
500.	Transformation cost optimization of a home appliance product by applying lean methodology and line balancing technique	2021	MS	Amber Iqbal
501.	Optimization of a composite ship propeller for increased performance and low radiated noise	2021	MS	Muhammad Jameel Wattoo
502.	Preliminary design of a ferry	2021	MS	Daniyal Ahmed
503.	Design and analysis for the effectiveness of composite material propeller over metal through FEA	2021	MS	Nabeel abbas
504.	CFD simulation of horizontal axis wind turbine effect of single and dual rotor turbine for increased wind energy	2021	MS	Muhammad Haider Raza Zaid
505.	Hull strength analysis a vessel	2021	MS	Umar Farooq
506.	Design and modeling of small water plane area twin hull (SWATH)	2021	MS	Muhammad Aamer Khan
507.	Structural analysis of a floating Dock	2021	MS	Razi ur Rahman
508.	Designing and fabrication of unmanned surface vehicle	2021	MS	DanishJalil
509.	A Study of critical risk factors for sustainability in industrial operations	2021	MS	Asna Alam
510.	Network tomography – Compressed sensing technique for traffic matrix estimation	2021	PhD	Rashida Ali Memon
511.	Structural Topology Optimization of an Oil tanker bulkhead subjected to Hydrostatic loads	2021	MS	Rana Gohar Ayoub
512.	Controlling & Analysis of power quality using active power filter techniques	2022	MS	Syed Abdullah Hashmi
513.	Battery Management system for electric vehicle	2022	MS	Shafa Ali Memon

514.	Inertial sensor based lower limb rehabilitation system	2022	MS	Fareeha Sameen
515.	Efficiency analysis of power line carrier communication for home are network	2022	MS	Andul Rafay Khan
516.	Comparison of different control techniques for a class of 3-DOF underwater vehicles	2022	MS	Muhammad Azib Gulzar
517.	A case study in the textile industry for the reduction of cost o quality	2022	MS	Muhammad Rehan Yasin
518.	Improvement in land subsidence assessment in urban and coastal area of Karachi using differential interferometric synthetic aperture Radar	2022	MS	Bazgha Jabeen
519.	Integration of value stream mapping (VSM) with DAMIC for lean kaizen: A case study on a local automobile par manufacturing setup	2022	MS	Muhammad Uzair Mirza
520.	Implementation of six sigma and lean principles in PN repair organization	2022	MS	Salman Masood
521.	Predication of drag for surface mono hulled vessel using ranse formulating	2022	MS	Hafiz lheshama Ull Haq
522.	Load management by using intelligent computational techniques	2022	MS	Muhmmad Ahsan Irfan
523.	AI based anomaly detection in maritime traffic	2022	MS	M Umair Siddique
524.	Survey and optimization in underwater optical wireless communication systems	2022	MS	Muhammad Mudassir
525.	Techno economic analysis for design and installation of solar PV plant using mix of dry land and wetland	2022	MS	Shehzadi Bushira Javeed
526.	Tool health monitoring using acoustic emissions and a deep learning approach	2022	MS	Mustajab Ahmed
527.	Development of performance evaluation model for prediction of reversible degradation marine gas turbine	2022	MS	Syed Sajjad Raza
528.	FEM and CFD of VAWT at different profile blades	2022	MS	Moiz Ud Din
529.	Design and computational analysis of thruster for use in space	2022	MS	M Bilal Ahmed Usmani
530.	Analysis of a hybrid geyser using CFD technique	2022	MS	Mahaweer Kumar
531.	Prognostic algorithm for prediction of remaining useful life of metallic structures	2022	PhD	Waleed Bin Yousuf
532.	Design simulation of electrical propulsion system of underwater vehicle using MATLAB GUI	2022	MS	Hasnain Aslam
533.	Fault classification of hydraulic system using artificial intelligence based approach	2022	MS	Haseeb Ahmed Khan
534.	Bearing fault classification for predictive maintenance using deep learning approach	2022	MS	Muhammad Tahir Qamar
535.	Blockchain: An Indispensable technology to revolutionize the hospital Industry	2022	MS	Muhammad Talha
536.	Study effectiveness of stern Appendages (+ & X) configurations for the maneuverability of autonomous underwater vessel using CFD	2022	MS	Arif Hussain
537.	Development of integrated Hull and structure analysis and optimization tool for submarine in early stage design	2022	MS	Syed Muhammad Hamza
538.	Finite element analysis of residual stresses and distortions on thin welded plates and methods o mitigate them	2022	MS	Saeed Anwar
539.	Numerical investigation of effect of tunnel thruster on the behavior of underwater platform	2022	MS	Talha Usman Malik

540.	Reducing the oiler blow downs of a live steam boiler enhance overall efficiency of the boiler	2022	MS	Hafiz Rao M Waqas
541.	Management of Micro Grid and demand supply balancing by optimal mix of centralize and distribution resources	2022	MS	Dawood Imtiaz Ahmed
542.	Harmonics mitigation and power factor correction using shunt active power filter	2022	MS	Muhammad Tayyab
543.	Design and development of efficient algorithm for battery health monitoring	2022	MS	Muhammad Bilal Khan
544.	IoT based health monitoring system of transformer	2022	MS	Mubashar Rasfi
545.	Design and analysis of high frequency PCB planar magnetic for isolated power conversion in on board satellite electronics	2022	MS	Kamran
546.	Coexistence management in wireless networks	2022	MS	Ayesha Hasan
547.	Efficient data gathering in wireless sensor networks using priority assigned clusters	2022	MS	Samoa Aslam
548.	Camouflaged object detection with deep learning networks	2022	MS	Tanzeel Ather
549.	Control strategies for modular multilevel converter (MMC) for high voltage direct current (HVDC) transmission	2022	MS	Zafar Hussain
550.	Robust stability analysis of a linear system with unstructured additive uncertainly	2022	MS	Nabeel Rasheed
551.	Intelligent battery charger for electric vehicle	2022	MS	Dr. Fayyaz Ahmad
552.	Defect detection and quality monitoring of diapers in manufacturing industry via deep learning	2022	MS	Afia Khan
553.	Optimized MAC algorithm for HAN environment	2022	MS	Aqsa Mughal
554.	Smart IoT based agriculture monitoring system	2022	MS	Ayesha Ahmed Dhool
555.	IoT based aquaculture monitoring system	2022	MS	Iqrs Ssami
556.	Robust optimal control and trajectory tracking of an unmanned aerial aquatic vehicle (UAAV)	2022	MS	Umai Kamal
557.	Efficient design of integrated heterogeneous power system	2022	MS	Rana Danishmand Khan
558.	Non linear droop controller design in hybrid AC/DC microgrid and incremental conductance MPPT algorithm design in grid connected PV systems	2022	MS	Arsalan Rehmat
559.	Machine learning based predictive maintenance of industrial machine	2022	MS	Tooba Ather
560.	Design of multicolor electric vehicle drive for removing low medium & high speed gears	2022	MS	Hamza Ahmed
561.	Determination open water and self-propulsion characteristics of underwater vehicle using CFD	2022	MS	Muhammad Saad
562.	Numerical analysis of ship structure under extreme wave and slamming load and its effect on structure design of ship	2022	MS	Hassan Ahmed Sheikh
563.	Efficient implementation of NTT based polynomial multiplier for east PQC multiplication	2022	MS	Hania Usman
564.	Automatic speech recognition o identify malicious activity/mal- intended speech	2022	MS	Muhammad Danyal Khan
565.	Real time rice grain detection analyzer	2022	MS	Majida Hassan Ghouri
566.	Reinforcement learning based field oriented control of an induction motor	2022	MS	Ayesha

567.	Cyber security framework for real time malicious network traffic detection and prevention using SIEM and deep learning	2022	MS	Yusra Kaleem
568.	IOT / Cloud based predictive maintenance & fault detection system for industrial motors	2022	MS	Asma Zahid
569.	Conservation of electrical energy in a commercial building setting via light management system (LMS) to optimize lighting usage	2022	MS	Syed Umer Ali
570.	Power combination of 02 magnetrons using a sophisticated phase matching approach	2022	MS	Muhammad Atayyab Shahid
571.	Controlling the severity of anxiety disorders through heart rate variability using sympathetic and parasympathetic stimulations	2022	MS	Rabbia Muhammad Qasim
572.	Designing fuzzy based detection methodology for brain tumor detection using Mamdani and adaptive neuro fuzzy inference system (ANFIS)	2022	MS	Kanza Fatima
573.	Tool health classification using tool signature analysis & machine learning approach	2022	MS	Muhammad Sabbar Hassan
574.	Detection and Classification of Vehicles in Varying Complexity of Urban Traffic Scenes Using Vision and Deep Learning	2022	Ph. D	Muhammad Umair Aif
575.	An Empirical and FEA Study o Optimize Weight of Ship Hull Girder by Using Combination of Different Types of Stiffener and Stiffener Arrangements vis a vis Maintaining Required Minimum Strength of Hull Girder	2023	MS	Danish Ilyas
576.	Process Control and Development on Body Assembly Line of an Automotive Industry through Six Sigma Tools for Cost Saving and Quality Improvement	2023	MS	Abdul Rehman Zahoor
577.	Reduction in Defects of Car Body Panel Using 7 QC Tools TMSO improve Direct Delivery Ratio (DDR) and Defects per Unit (DPU): A Case Study on a Paint Shop in a Local Automobile Manufacturing plant	2023	MS	Alli Shah Maknoja
578.	Additive manufacturing of functional parts from ceramics	2023	MS	Muhammad Ali
579.	Carbon Capturing & Utilization from Fossil Fuel based Power Plants: An Environmental, Economic, & Optimal Perspective	2023	MS	Shoab Shahbaz
580.	Identification of critical success factors (CSFs) for successful project management in manufacturing sector	2023	MS	Muhammad Nadeem Zia
581.	Optimization Of Self-Organizing Network (Son) In Next Generation Networks	2023	MS	Sunya Suhail Farooqi
582.	Tool Health Classification in Metallic Milling Process using Acoustic Emission and Long-Short Term Memory Networks	2023	MS	Fawad Khan
583.	Analysis of Shielded Metal Arc Welding (SMAW) Parameters on Material Properties of Steel Welded Specimens	2023	MS	Syed Farrukh Haider
584.	Optimal designing of grid-connected microgrid systems for residential and commercial applications in Pakistan	2023	MS	Syeda Sakina Zaidi
585.	Temperature Control of Electric Vehicle Battery using Fuzzy Logic	2023	MS	Muhammad Abdullah
586.	Design an Efficient Peer to Peer Energy Trading	2023	MS	Javeria Sheikh

	Algorithm for Microgrid			
587.	Reliability Estimation of Induction Motor Through Vibration Trend Analysis	2023	MS	Safi Ur Rehman
588.	Thermodynamic Analysis of a Solar-Driven CCHP System Powered by Photovoltaic Thermal Collector and Organic Rankine Cycle	2023	MS	Abeer Farooq
589.	Prediction of Electric Power Generation on a daily basis using AI based Data Driven Model for Combined Cycle Power Plant	2023	MS	Adeel Asghar
590.	Optimizing COP of a Direct Fired Double Effect Absorption Chiller in a Pharmaceutical Plant by employing AI Based Data Driven Model	2023	MS	Hammad Pervez
591.	Finite Element Analysis of Effect of Reinforcing Fillers on Mechanical Properties of Composites and Crack Propagation	2023	MS	Mumdooha Fatima
592.	Intelligent AI based EDR	2023	MS	Sonia Azeem
593.	Smart AI based Intrusion Detection System	2023	MS	Sidra Gul
594.	Deep Learning Based Intrusion Detection Technique To Counter Cyber Threats For Internet Of Things	2023	MS	Shahid
595.	A Framework for Advanced and Innovative Approach to secure the IT infrastructure of SCADA (ICS)	2023	MS	Hameed Afzal
596.	Carbon Capture and Utilization Using Supercritical Co2 Cycle for a Sustainable Community	2023	MS-ME	Hafsa Javed
597.	Purple Team Engineering: Developing a Cyber Range for Pro-Active Threat Hunting of Zero-Days and Advanced Persistent Threats using Open Source Technologies	2023	MS-Cyber Security	Mir Hassan Riaz
598.	Reduction in Flow Marks on Molded Plastic Parts by Applying Six Sigma	2023	MS-IME	Muhammad Mahmood Mansoor
599.	Evaluation of CNC Machine Operation Through Machine Learning Effective Model	2023	MS-IME	Muhammad Hussain
600.	Performance of Lattice Structures Under Bending Load	2023	MS-IME	Waleed Khalid
601.	Investigation and Analyses of Dual Motor Drive for EV	2023	MS-EE	Abbas Ezzi
602.	Hydrodynamic Analysis of Marine Propeller Using Computational Fluid Dynamics (CFD)	2023	MS- NA	Muhammad Suleman Sadiq
603.	Numerical Simulation and Design Optimization of High-Speed Planning Hull	2023	MS-NA	Muhammad Sulman
604.	Innovation and Integration of Hydrofoils with Old Crafts to Improve Performance	2023	MS-NA	Muhammad Usama Mughal
605.	Numerical Simulation of UUV For Optimal Underwater Trajectory	2023	MS-NA	Shoaib Umar
606.	Assessment of High/Low-Speed Controllability and Maneuverability of UUV	2023	MS-NA	Wasim Akram
607.	Lightweight Framework to Secure the End-to-end Communication of IoMT Devices	2023	MS-Cyber Security	Noor Mujdded Choudary
608.	Prediction of a Bone Plate's Strength and Stiffness Using Machine Learning	2023	MS-IME	Shayan Abdurrauf
609.	Management of Time Delays in Networked Control Systems (NCS) through a Suitable Approach with Stability Analysis	2023	MS-EE	Muhammad Kamran Safdar

610.	Product Design and Development of a Remote Controlled Lifebuoy	2023	MS-IME	Naeem Sarwar
611.	Numerical Analysis of Welding Induced Defects and propose strategies / techniques to reduce the occurrence of defects	2023	MS-NA	Najam Uddin Siddiqui
612.	Reduction In Flow Marks On Molded Plastic Parts By Applying Six Sigma	2023	MS-IME	Muhammad Mahmood Mansoor