

ANIL NEERUKONDA INSTITUTE OF TECHNOLOGY & SCIENCES
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

PROJECT TITLES
2013-14 Passed out Batch (X Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	310126514111, 090, 143, 116, 118	Dual Axis Solar Tracking System (Live Model)
2	Mr. V. Murali	310126514063, 053, 007, 050, 036	Enhancement of Voltage Stability in Radial Distribution Networks Using Optimal Capacitor Placement
3	Mr. S. Bala Murali	310126514075, 083, 089, 079, 102	A Lyapunov Approach to Cascade Interconnection of Integral Input-To-State Stable Systems
4	Mr. Kottala Kiran Kumar	310126514065, 047, 009, 031, 072	Power Flow Control In HVDC Using PI and PID Controller
5	Mrs. K.V.R. Swathi	310126514100, 127, 076, 135, 074	Torque Control of Switched Reluctance Motor using Conventional PI Controller
6	Mr. Kavala Kiran Kumar	310126514046, 058, 016, 022, 011	ANN Tuned PID Controller with D-Q-O Reference Frame Technique Based Shunt Active Filter
7	Mr. B. Rajasekhar	310126514115, 126, 084, 099, 114	Design and Simulation of Three-Phase Unified Power Quality Conditioner for Power Quality Improvement
8	Mr. R. Satish	310126514069, 021, 045, 020, 027	Placement of D-Statcom In Radial Distribution Networks
9	Mrs. K. Lavanya	310126514109, 121, 139, 087, 136	Direct Torque Control of Induction Motor in Forward and Reverse Direction
10	Mr. S. Sasikanth	310126514025, 044, 005, 051, 002	Modeling of Photovoltaic Module Using MATLAB
11	Mr. Ch.V.N. Raja	310126514106, 134, 077, 142, 137	A project Based on Three Phase Power Control Using Power Electronic Devices
12	Mr. M. Sudheer Kumar	310126514066, 048, 039, 030, 029	A New Mixed Method for the Order Reduction of Linear Continuous Systems Using Modified Cauer Form and Pade Approximation for SISO Systems
13	Mr. K. Trinadh Babu	310126514133, 086, 131, 085, 680652070	Design and Implementation of Maximum Power Generating System by Tracking the Solar Panel Automatically According to the Sun's Trajectory (Model Sun Flower) (Hardware Model)
14	Mr. T. Rama Sastry	310126514035, 013, 059, 019, 049	Fuzzy Logic Controller Based Power System Stabilizer
15	Mr. L. Dinesh	310126514132, 093, 124, 113, 117	Design and Implementation of Active Power Filter for harmonic Reduction Using PWM and Hysteresis Techniques
16	Mr. S. Harish	310126514001, 040, 004, 018, 055, 070	Study of Multilevel Inverter Topologies

17	Mr. A. Dhanamjay	310126514120, 103, 141, 101, 122, 119	Multi Level DC-Link Inverter
18	Mr. L. Vijay	310126514056, 006, 014, 015, 052, 028	Speed Control of DC Motor Using MRAC Based PI Controller
19	Mrs. B. Vanajakshi	310126514078, 105, 098, 097, 144, 088	Speed Control of Brushless DC Motor Using PI Controller and Fuzzy Controller
20	Ms. A.S. Anitha Nair	310126514041, 068, 024, 010, 026, 032	Load Frequency Control of Single Area Power System by Z-N Tuned PID Controller
21	Ms. D. Sri Lakshmi	310126514138, 123, 129, 082, 107, 004	Design and Simulation of CLASS E Inverter for Induction Heater
22	Mr. M. Santosh Kiran	310126514023, 062, 071, 034, 038, 054	Harnessing Electrical Energy from Footsteps (Hardware Model)
23	Mr. M. Naga Raju	310126514091, 112, 092, 081, 020, 073	A Safety Enhanced, High Gain Step Up DC-DC Converter Using PV AS Input
24	Mr. V. Rangavalli	310126514017, 042, 037, 003, 033, 060	A Study of Multilevel Cascade Converter Based Statcom for Reactive Power Compensation
25	Mr. V. Anil Kumar	310126514125, 108, 096, 128, 081, 080	Comparison and implementation of Multilevel inverter using PWM and switching sequence
26	Mr. N. Kiran	310126514067, 043, 064, 012, 061, 008	Improved Dynamic Performance of Buck Converter Using Fuzzy Controller
27	Mr. J. Uday Venkatesh	310126514130, 140, 104, 110, 095, 094	Simulation Analysis of Dynamic Voltage Restorer Performance for Voltage Sag Mitigation Using Fuzzy Logic Controller

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PROJECT TITLES
2012-13 Passed out Batch (IX Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	309126514033, 013, 034, 023, 059	Tuning of Power System Stabilizers by Using Pole Placement & Particle Swarm Optimization Techniques
2	Mr. V. Murali	309126514109, 072, 110, 071, 083	Allocation of Capacitors in Radial Distribution Systems for Enhancement of Voltage Stability and to Reduce Losses
3	Mr. S. Bala Murali	309126514035, 016, 036, 061, 002	Fuzzy Logic PID Control of Automatic Voltage Regulator
4	Mr. Kottala Kiran Kumar	309126514102, 065, 117, 103, 092	Sensorless Induction Motor Based on Adaptive Flux Observer with Stator Resistance Estimation
5	Mrs. K.V.R. Swathi	309126514037, 052, 055, 053, 039	Simulation of Transient Response Of Electrical Machines
6	Mr. Kavala Kiran Kumar	309126514091, 097, 113, 070, 096	Fuzzy Logic Controller Based Shunt Active Filter for harmonic Mitigation Using PSO
7	Mr. B. Rajasekhar	309126514044, 048, 041, 060, 043	Voltage Sag Mitigation Using Dynamic Voltage Restorer
8	Mr. L. Vijay	309126514101, 095, 114, 073, 085	Automatic Star Delta Starter Using Relays and Adjustable Electronic Timer for Induction Motor
9	Mr. S. Sasikanth	309126514007, 027, 014, 001, 018	A Novel Analysis Of Full Bridge Series Parallel Resonant Inverter For High Frequency Application
10	Mrs. K. Lavanya	309126514087, 116, 122, 098, 080	Comparative Study of Soft-Switched Isolated DC-DC Converters for Auxiliary Railway Supply
11	Mr. R. Satish	309126514045, 057, 011, 054, 031	A Novel Approach for Solving Distribution Networks
12	Mr. Ch.V.N. Raja	309126514067, 078, 115, 107	Fault Location and Detection On a Transmission Line Using Wavelets And Fuzzy
13	Mrs. B. Vanajakshi	309126514026, 063, 032, 006, 049	An MRAS-Based Diagnosis of Open-Circuit Fault In PWM Voltage-Source Inverters For PM synchronous Motor Drive Systems
14	Ms. A.S. Anitha Nair	309126514066, 124, 105, 099, 680652056	Simulation and Analysis of a Doubly fed Induction Generator Driven by a wind turbine in a power system
15	Mr. M. Sudheer Kumar	309126514050, 030, 022, 056	A Combined Order Reduction Method for the Analysis & Design of Higher Order Systems Using Modal Method & Coefficient Matching Method
16	Mr. K. Trinadh Babu	309126514068, 077, 086, 112	Single Phase Seven Level Grid Connected Inverter for Photovoltaic System

17	Ms. D. Sri Lakshmi	309126514015, 009, 010, 046	Space Vector Modulation Applied to Three Phase Three Switch Two Level Uni-Directional PWM Rectifier
18	Mr. T. Rama Sastry	309126514100, 064, 111, 108	Direct Torque Control of Permanent Magnet Synchronous Motor
19	Ms. J. Nancy Namratha	309126514005, 021, 062, 003	A Novel Method for Model Order Reduction using Differential Evolution Algorithm and Improvement to Generalized least Squares Method
20	Mr. L. Dinesh	309126514119, 074, 093, 076	One Cycle Control of Shunt Active Power Filter for Harmonics Reduction
21	Mr. S. Harish	309126514058, 038, 017, 025	Design and Analysis of Static Converter and Matrix Converter
22	Mr. M. Santosh Kiran	309126514121, 088, 104, 118	Study and Simulation of Stand Alone Pem Fuel Cell Generation System
23	Mr. A. Dhanamjay	309126514012, 008, 028, 051	Interline Unified Power Quality Conditioner for Power Quality Improvement
24	Mr. M. Naga Raju	309126514079, 106, 082, 090	Power Quality Improvement in Multi-Output Forward Boost Converter
25	Mr. V. Rangavalli	309126514029, 042, 047, 019	Fuzzy Logic Based Power System Stabilizer Applied To Smib System
26	Mr. V. Anil Kumar	309126514089, 094, 069, 084	Implementation and Comparison of a Hybrid Multilevel Converter using Floating DC Links with other Topologies

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PROJECT TITLES
2011-12 Passed out Batch (VIII Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	690652066,064,052	Unified Power Quality Conditioner for Three-Phase
2	Mr. V. Murali	690652055,032,023	Economic Load Dispatch Using Genetic Algorithm And Particle Swarm Optimization
3	Mr. S. Bala Murali	690652038,060,063	Second Order System's Velocity Feedback Gain Control Based on PID Variable Damping Ratio Controller
4	Mr. K. Kiran Kumar	690652035,031,046	Numerical Distance Relay using DFT based Algorithm
5	Mrs. K.V.R. Swathi	690652050,044,008	State Space Analysis and Signal Flow Graph of DC-DC Flyback Converter
6	Mr. Kavala Kiran Kumar	690652057,027,065	Optimal Design of Active Shunt Filter using PSO
7	Mr. B. RajaSekhar	690652041,042,024	Modeling and Simulation of PEM Fuel Cell
8	Mr. L. Vijay	690652037,020,003	A Dependable Renewable Energy Source "Solar Energy and ITS Application"
9	Mr. S. Sasikanth	690652058,049,051	Study of Load Resonant Converters
10	Mrs. K. Lavanya	690652067,034,011	Simulation of Three Phase Two Level SPWM and SVPWM Inverters using MATLAB
11	Mr. R. Satish	690652045,012,061	Automatic Generation Control for Distributed Generation
12	Mrs. A. Praveena	690652007,036,040	Dynamic Model of Microturbine based Generation System for Gridconnected/Islanding Mode
13	Mr. CH. V.N. Raja	690652006,030,047	Designing of Controlling Parameters for a Linear System using order Reduction Techniques
14	Ms. A.S. Anitha Nair	690652026,025,016	"Power Quality Improvement using Statcom"
15	Mr. M. Sudheer Kumar	690652021,001,048	A New Mixed method for the Order Reduction of Linear Continuous Systems using Particle Swarm Optimization and Polynomial Method for SISO Systems

16	Mr. K. Trinadh Babu	690652043,002,022,053	Simulation Results of Three-Phase VSI using Different Conduction Modes
17	Ms. K. Kameswari	690652005,068,019,015	Voltage Quality Improvement using DVR
18	Ms. D. Sri Lakshmi	690652069,070,033,018	Discrete- Time Modeling of DC-DC Boost Converter
19	Mr. T. Rama Sastry	690652013,071,028,054	Direct Torque Control of an Induction Motor
20	Ms. J. Nancy Namratha	690652062,017,059,014	Large Scale Linear Dynamic System Reduction using Artificial Bee Colony Optimization Algorithm
21	Ms. B. Vanajakshi / Mr. Kavala Kiran Kumar	690652009,029,004	A High Performance PWM Inverter Voltage-FED Induction Machines Drive with an Alternative Strategy for Speed Control

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PROJECT TITLES
2010-11 Passed out Batch (VII Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. Raja Rao	680652057,040,025,031,066	Modeling and simulation of power system stabilizer.
2	Mr. V. Murali	680652038,046,048,018,022	Economic load dispatching of generating units with multiple fuel options.
3	Mr. S. Bala Murali	680652009,039,035,001,006	Automatic appliance control based on room occupancy.
4	Mr. K. Kiran Kumar	680652050,024,065,014,029	Automation of college siren and lighting.
5	Mrs. K.V.R. Swathi	680562069,007.059,060,061	Comparison of fuzzy pd controller with conventional pd controller for a buck converter.
6	Mr. Kavala Kiran Kumar / Mr. Ch.V.N. Raja	680652003,010,051,012,015	Load frequency control in multi area system by various controllers.
7	Mr. B. RajaSekhar	680652043,023,002,071,072	Harmonic voltage reduction using series active filter.
8	Mr. L. Vijay	680652017,020,067,027,021	Z source inverter for fuel cell vehicles
9	Mr. S. Sasikanth	680652058,026,063,032,028	AC voltage controller using 89C51 microcontroller.
10	Ms. G. Gayathri Sowjanya	680652030,005,011,004,008	Automated generation control of two area interconnected power system using neuro fuzzy approach.
11	Ms. P.V. Sireesha	680652013,055,064,016,041	Hybrid inverter power supply travel model & desktop model.
12	Mrs. K. Lavanya	680652037,054,049,044,047,036	Smart applications – automatic water and light sensing systems.
13	Mr. R. Satish	680652019,068,073,034,053,033	Automatic generation control of hybrid distributed generation.

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PROJECT TITLES
2009-10 Passed out Batch (VI Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. RajaRao	670652009,025,012,032,064	ANN Based Stator winding inter-turn Insulation Level detector for Single Phase Induction motor.
2	Sri. V. Murali	670652018,019,034,040,058	Automatic Load Frequency Control Using adaptive gain Scheduling.
3	Sri S. Bala Murali	670652028,050,065,010,014	Frequency Response Of Automatic Control Systems.
4	Mrs. G.V.S. Lakshmi	670652046,066,063,029,020	Traditional Control For Closed Loop Analysis Of Buck& Boost Converters.
5	Sri K. KiranKumar	670652017.030,015,016	Adaptive Gain Scheduling for Automatic Generation Control in Three equal area Power system.
6	Mrs. K.V.R. Swathi	670652023,035,048.031	Sinusoidal pulse Width Modulation Technique for Multilevel Cascaded Inverter.
7	Sri Kavala Kiran Kumar	670652049,026,051,060	Reduction of Harmonics from Inverter Output Using pulse width Modulation Techniques.
8	Sri B. RajaSekhar	670652005,011,024,055	Transient Stability Analysis of Multi Machine System.
9	Sri L. Vijay	670652001,003,013,062,650652042	AC Voltage Controller Used for AC/DC Applications (Hardware).
10	Sri S. Sasi Kanth	670652041,021,042,036	Robust Load Frequency controller design for power system.
11	Sri T.N.V.S. Prasad	670652053,061,002,043	DC Voltage Sensor less PFC Boost converter.
12	Sri G. Ganapathi	670652059,027,039,047	Steady State Characteristics Of Forward fly back mixed Converter.
13	Ms. G.Gayathri Sowjanya	670652037,004,008,044	Automatic Speed Control of Separately Excited DC Machine.

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PROJECT TITLES
2008-09 Passed out Batch (V Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. G. RajaRao	660652053,58,32,03,50,64	Design and Analysis of Robust load frequency Controller For Power Systems
2	Prof. G. RajaRao	660652062,07,52,55,650652050	Performance Analysis and Simulation of Inverter fed slip power recovery Scheme
3	Sri. V. Murali	660652039,33,59,40,42	Gain Adaptation of AGC using Artificial Neural Networks
4	Sri S. Bala Murali	660652035,24,23	Design, Modeling, Simulation and stability analysis of a closed loop controlled chopper –fed separately excited DC Motor.
5	Sri S. Bala Murali	660652009,56	Design of compensator for a positional Servo mechanism Using Root Locus Techniques.
6	Mrs.G.V.S. Lakshmi	660652063,08,26,22,43	Power Factor Controlled Using 8051 Microcontroller
7	Sri K. KiranKumar	660652004,38,10,48,06	Limitations of state feed back method of control systems design and determination of output feedback gain matrix.
8	Mrs. K.V.R Swathi	660652012,34,01,49,51	Short term Load forecasting using ANN approach and GNN approach.
9	Ms. L. Suneetha	660652030,61,31,37	Various Types Of Control System Design Methodologies and determination of state feedback gain matrix for LTI System.
10	Sri Kavala Kiran Kumar	660652016,05,36,02,41	Suppression of supply side harmonics using IGBT technology and hard design of IGBT firing Circuit.
11	Sri B. RajaSekhar	660652057,46,44,13,17	Fault Analysis using Neural Networks.
12	Sri L. Vijay	660652010,54,47,25,650652038	Voltage Control with Micro Controller.
13	Sri S. Sasi Kanth	660652018,60,20,21,27	Steady state performance of Self controlled Inver fed Synchronous Drive.

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PROJECT TITLES
2007-08 Passed out Batch (IV Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1.	Prof. R. Govardhana Rao	1) 650652009 2) 650652026, 650652027 3) 650652064, 650652037	1) Performance & Improvement of Antenna Positioning System by Root Locus & State Variables. 2) Performance & Improvement of Positioning Servo Mechanical System by Root Locus & State Variable Methods. 3) Positioning of Servo Mechanical System using Root Locus & State Variable Frequency Technique.
2.	Prof. G.Raja Rao	650652010, 041, 022, 032, 033	Significance of Signal Flow Graphs in Digital Control Systems.
3.	Sri V. Murali	650652049, 052, 062, 030, 068	Hardware Implementation of Multilevel Inverter.
4.	Sri K. Sridhar Babu / Sri V. Murali Krishna	650652007, 006, 048, 021, 036, 63065051	Single Ended Fault Location Technique for Transmission Lines using Traveling Wave Method.
5.	Mrs. G.V.S. Lakshmi	650652044, 056, 031, 013, 017	Bi-Directional Speed Control of a Permanent Magnet DC Motor using Pulse Width Modulation Technique.
6.	Sri K. Kiran Kumar	650652003, 060, 008, 059, 012	Estimation of Electrostatic & Electromagnetic Fields of EHV AC Transmission System.
7.	Miss G. Madhavi	650652029, 51, 046, 020, 019	Embedded Based SCADA for Sub-Station.
8.	Sri. P. Madhu Chandra	650652016, 024, 043, 002, 025	Design & Control of Three Phase Power using Solid State Devices.
9.	Ms. L. Suneetha	650652018, 028, 047, 065, 021	Speed Control of an AC Motor using Variable Frequency Drives.
10.	Ms. J. Chandrika / Mrs. KVR. Swathi	650652034, 055, 023, 035, 014	Automatic Protection of Device from Voltage Fluctuations.
11.	Sri Kavala Kiran Kumar	650652063, 004, 039, 067, 640652034, 650652058	Reduction of Harmonics by Means of Selective Active Harmonic Conditioner.
12.	Sri. B. Raja Sekhar	650652005, 001, 011, 057, 061, 045	Speed Control of Induction Motor Fed by PWM Inverter using SIMLINK.
13.	Ms. Sai Latha Behra	650652054, 040, 053, 015, 066, 640652012	Control of a Unified Power Flow Controller (UPFC) - A Simulation Study using MATLAB / SIMLINK.

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PROJECT TITLES

2006-07 Passed out Batch (III Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1.	Prof. R. Govardhana Rao	640652006, 032, 041 640652010, 045, 046	1) Performance Improvement of Antenna Position Control System by Root Locus Technique and S-Plane Synthesis 2) Performance Improvement of Antenna Positioning Servo Mechanical System by Root Locus and State Variable Method
2.	Prof. G.Raja Rao	640652017, 059, 011, 005, 015, 033	Design and Hardware Implementation of On-Line UPS (Proto Type)
3.	Sri V. Murali	640652031, 049, 052, 043, 055	On Load Flow Analysis: Some New Techniques
4.	Sri S. Balamurali	640652039, 054, 007, 036, 022	Modelling and Design of Compensator for Higher Order Discrete Time Systems
5.	Sri K. Sridhara Babu	640652047, 009, 013, 029, 028	Classical Techniques to Solve Economic Load Dispatch Problems
6.	Sri K. Sridhara Babu	640652025, 027, 040, 044, 065	Application of Genetic Algorithm to the Harmonic Reduction Techniques
7.	Mrs. G.V.S. Lakshmi	640652048, 050, 019, 061	Active Filtering Harmonics in HVDC Converters
8.	Sri K. Kiran Kumar	640652016, 038, 053, 057	A Power Loss Function Method for Distribution System Reconfiguration
9.	Miss G. Madhavi	640652008, 026, 037, 058, 63065014	Load Forecasting by Regression and Time Series Techniques
10.	Mrs. K.V.R. Swathi	640652001, 051, 030, 063, 63065065	Design of Compensators to Manipulate the Position of the Ball in a Ball and Beam System
11.	Sri P. Madhu Chandra	640652035, 023, 020, 062, 002	Design of PID Controller by Reducing the Order of the System
12.	Miss L. Sunitha	640652014, 004, 024, 042, 003	Adaptive Fuzzy Gain Scheduling for Load Frequency Control

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PROJECT TITLES

2005-06 Passed out Batch (II Batch)

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1.	Prof. R. Govardhana Rao	63065036, 30, 26, 40, 09	1. Performance improvement of an antenna position control system by root locus and state variable methods. 2. Performance improvement of positional speed control system by using root locus & s-plane synthesis methods. 3. Performance improvement of positional speed control system by using root locus & state variable techniques.
2.	Prof. G.Raja Rao	63065028, 55, 22, 43, 13	Damper windings and its effects on transient stability.
3.	Sri V. Murali	63065015, 27, 29, 63, 02	Load flow analysis using difference – voltage iteration method.
4.	Sri P.V. Ravikanth	63065039, 10, 57, 44, 62	Ordered reduction of a liner discrete system using an error minimization technique.
5.	Sri S. Balamurali	63065023, 16, 64, 37, 21	Analysis and design of higher order mimo discrete time system.
6.	Miss K. Samanthakamani	63065042, 07, 33, 08, 03	Design and hardware implementation of ramp and pedestal firing circuit for 1- ϕ ac voltage controller, 1- ϕ semi – converter and other applications.
7.	Sri K. Sridhara Babu	63065035, 11, 31, 48, 51	Electrical Power System Analysis of Harmonics due to Electronic Grid.
8.	Sri K. Madhava Rao	63065041, 25, 46, 56, 50	Power System Transient Stability Enhancement Using Thyristor Controlled Series Compensator
9.	Miss B. Ragini	63065017, 53, 12, 61, 54	Application of Genetic Algorithm to a Unit Commitment Problem.
10.	Sri I.E.S. Naidu	63065005, 34, 04, 32, 58	Line Outage Ranking based on estimated lower bound on minimum eigen value of load flow jacobian.
11.	Sri D. Bhimeswara Rao	63065045, 60, 52, 59, 18	Transient Stability Study of Single Machine Infinite Bus System.
12.	Prof. G. Raja Rao	63065038, 47, 49, 01, 06, 19	Design of compensators for discrete time control systems.

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PROJECT TITLES

2004-05

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Prof. R. Govardhana Rao	62065040, 30, 37	Performance Improvement of an Antenna Position Control System by Root Locus and S-Plane Synthesis Methods.
2	Prof. G. Govinda Rao	62065009, 28, 23	Experimental and digital simulation of faults on power systems.
3	Sri G. Gurunath	620650025, 18, 39, 16	
4	Sri V. Murali	62065041, 08,17, 38	Automatic Generation Control of Multi – Area Systems Using Optimal Control
5	Sri P.V. Ravikanth	62065022, 10, 11, 05	Study and Analysis of On-Line Energy Monitoring System in HZL (“Hindustan Zinc Ltd”)
6	Sri Dattatreya Reddy	62065014, 02, 06,24	Model Reduction by a mixed method for the analysis and design of high order continuous time systems.
7	Sri S. Balamurali	62065013,20, 29,34	A New Algorithm for the Analysis and Design of High Order MIMO Discrete time
8	Miss K. Samanthakamani	62065032, 15, 35, 43	Design and Fabrication of solid state AC Controller for the speed control of Universal Motor and other Application.
9	Miss A. Sirisha	62065042, 27, 33, 19	Studied in Shunt and Series Compensation in Transmission Lines.
10	Sri K. Sridhara Babu	62065021, 03, 04, 36	Optimal Scheduling of Generations Using Classical Techniques.
11	Miss B. Ragini	62065007, 01, 26, 12	

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M. TECH PROJECT TITLES

2017-19 Batch

Batch No.	Name of the Guide	Students Regd. Nos.	Title of the Project
1	Dr. G. Raja Rao	317226526001	Log and LQGI Controllers for Twin Rotor MIMO System
2	Sri S. Balamurali	317226526006	Speed Control and Minimization of Torque Ripples in BLDC Motor using PI, SMC, and SMC – PWM Techniques
3	Dr. J. Vijaya Kumar	317226526007	Frequency Control of Hydro Thermal Power Plant and MGP System
4	Mr. Kavala Kiran Kumar	317226526010	Speed Control of BLDC Motor Using PID Tuned Fuzzy Controller
5	Mr. B. Rajasekhar	317226526002	Modelling and Control of Variable Frequency Drive using PLC and MATLAB Approach
6	Mr. Ch.V.N. Raja	317226526008	Motion Control Analysis of Quadcopter using Fractional PID Controller
7	Mr. L. Vijay	317226526003	Fuzzy Controller Based MRAC for Variable Speed Operation of BLDC Motor
8	Ms. D. Srilakshmi	317226526005	Control of Robotic ARM Motion using Servomechanism
9	Dr. Nishant Patnaik	317226526004	Power Quality Improvement by using Shunt Active Power Filter

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