College of Engineering Pune
Department of Electrical Engineering
M.Tech Dissertation Examiners

Track 1			Chairperson: Dr.V.N. Pande		
Sr. No	MIS No.	Name	Project Title	Project Guide	Examiners
1	122036017	Sameer shamsherkhan Pathan	Modeling and Estimation of Solar Photovoltaics Thermal panel system	Prof. Rohan Kulkarni	VNP+RSK+PNG+SMK
2	122036012	Nikita Anil khond	Cummins 2	Prof. Suhas M. Kakade	VNP+RSK+PNG+SMK
3	122036004	Vedashree Vikas Ayachit	Cummins 1	Prof. Suhas M. Kakade	VNP+RSK+PNG+SMK
4	122036020	Anjali Vaijnath Akuskar	Characterization and Prediction of Solar Power using Machine Learning Algorithms	Prof. V. N. Pande	VNP+RSK+PNG+SMK
5	122048001	Aditi	Design of Protection Relay for Sub Synchronous Oscillation (SSO) Conditions using Real Time Simulators	Prof. Prashant Gawande	VNP+RSK+PNG+SMK
6	122036022	Mayuri Rajendra Kale	Modeling of dust particles sedimentation on solar panels and it's mitigation techniques	Prof. Rohan Kulkarni	VNP+RSK+PNG+SMK
7	122048006	kalyani kailas kulkarni	Dynamic Stability Analysis of Power System with Integration of Large Wind Farms	Prof. V. N. Pande	VNP+RSK+PNG+SMK
8	122048007	Shreyash Dnyaneshwar Lute	CG-2	Prof. V. N. Pande	VNP+RSK+PNG+SMK
9	122048008	Gargi Anant Mahajan	Algorithm for development of early warning indicator for transient stability using Real Time Simulators	Prof. Prashant Gawande	VNP+RSK+PNG+SMK
10	122048010	Rutuja Rajan Powar	Development of coherency detection algorithm using Real Time Simulators	Prof. Prashant Gawande	VNP+RSK+PNG+SMK
11	122049005	Suraj Bhimrao Gaikwad	Machine learning modeling of superconducting critical temperatures	Prof. Rohan Kulkarni	VNP+RSK+PNG+SMK
12	122049016	Omkar Anand Acharya	Varroc	Prof. V. N. Pande	VNP+RSK+PNG+SMK

Track 2			Chairperson : Prof. Archana Thosar		
1	122048002	Gaurav Krishna Bhirud	Philips 3	Prof. A. V. Tare	AGT+SVJ+AVT+ASS
2	122036005	Abhishek Sanjay Bandsode	Devlopment of Parkinson's glove	Prof. A. G. Thosar	AGT+SVJ+AVT+ASS
3	122036008	Geetanshu Chhajed	Development of robotic arm for 3D printirng in construction	Prof. A. G. Thosar	AGT+SVJ+AVT+ASS
4	122036009	Shweta Balu Gunjal	A Model Predictive Current Control Based on Sliding Mode Speed Controller for PMSM	Prof. S. V. Jadhav	AGT+SVJ+AVT+ASS
5	122036003	Aishwarya Rajendra Giri	Condition monitoring of Transformer	Prof. A. G. Thosar	AGT+SVJ+AVT+ASS
6	122036013	Nikhil Sunilkumar Nambiar	Adore	Prof. S. V. Jadhav	AGT+SVJ+AVT+ASS
7	122036014	Tushar Uttam Nimbalkar	Design of Full-order Observer for PMSM Based on Current Prediction Model	Prof. S. V. Jadhav	AGT+SVJ+AVT+ASS
8	122036016	Aashlesha Rajendra Raut	Model Predictive Speed Controlled PMSM for Electric Vehicles	Prof. S. V. Jadhav	AGT+SVJ+AVT+ASS
9	122036018	Poonam Prakash Sarate	Non-linear Adaptive Observer for Salient-Pole PMSM for	Prof. S. V. Jadhav	AGT+SVJ+AVT+ASS
10	122036019	Sathe Vishal Anil	Design and analysis of novel fractional order optimal power system stabilizer	Prof. A. V. Tare	AGT+SVJ+AVT+ASS
11	122036021	Ashwini Ashok Latthe	Design and analysis of novel complexl order optimal power system stabilizer	Prof. A. V. Tare	AGT+SVJ+AVT+ASS
12	122048016	Kshitij Chandrakant Tikle	Optimal Small Signal Stability Analysis of Multi -machine Power System	Prof. A. V. Tare	AGT+SVJ+AVT+ASS
13	122048020	Mohan Nana Patil	Design and Development of DC-DC fast Charging (aimed for 2 wheeler fast charge)	Industry Sponsored by Dr. Salkman (Quinergy Electric (P) Ltd) , Dr. A. G. Thosar	AGT+SVJ+AVT+ASS
14	122049006	Hiradeve Shreya Dinkarrao	Efficient charging system of electric vehicle	Prof. A. G. Thosar	AGT+SVJ+AVT+ASS
15	122049014	Rushikesh Ramdas Nakure	Design and development of Linear PM generator	Prof. A. G. Thosar	AGT+SVJ+AVT+ASS

Track 3			Chairperson: Dr.V.S. Rajguru		
1	122036011	Shrikant Kailas Kapase	Testing battery parameters and estimation strategies in real-time for EV	Prof. Meera Murali	MM+VSR+VBB
2	122036001	Aditi Janardhan Fulari	Development of auto tuned descrete PID controller for DC-DC converter	Prof. V. S. Rajguru	VSR+MM+VBB
3	122036002	Aditya Atul Deshmukh	Hella 1	Prof. Meera Murali	VSR+MM+VBB
4	122036015	Nikhil Jeting Patil	A Second-Order Sliding Mode Control Design for DCDC Converter	Prof. V. B. Bhole	MM+VSR+VBB
5	122049007	Kasar Ketan Laxman	Development of data logger for Covid vaccine temperature monitoring system	Prof. V. S. Rajguru	MM+VSR+VBB
6	122048021	Pramod Dnyanoba Mule	Design and Development of Smart Charging Station for Electric Vehicle	Prof. Meera Murali	MM+VSR+VBB
7	122049009	Gajanan Kulkarni	Development of MPPT based BLDC ceiling fan controller	Prof. V. S. Rajguru	MM+VSR+VBB
8	122049010	Mayur Kate	Comparison ,anaylsis and development of MPPT control algorithms for MISO boost converter in solar PV system using dSpace platform (hardware)	Prof. V. B. Bhole	MM+VSR+VBB
9	122049004	Gaikwad Chetas Bhaskar	Planer transformer loss optimization by optimum interleaving of winding using Maxwell and MATLAB	Prof. V. S. Rajguru	MM+VSR+VBB
10	122048009	Vivek Radheshyam Mahajan	Design and Development of Electronic Speed Control (ESC) for Axial Flux Motor	Industry Sponsored by Dr. Salkman (Quinergy Electric (P) Ltd), Dr. V. B. Bhole	MM+VSR+VBB
11	122049001	Bhanap Omkar Sanjaykumar	Testing adaptive/fractional control strategies on an actual vehicle	Prof. Meera Murali	MM+VSR+VBB
12	122049015	Nikhil Nagesh Bobe	Development of multiphase BLDC drive for high power application	Prof. V. S. Rajguru	MM+VSR+VBB
13	122049017	Omprasad Dhananjay Dhokchaule	Development of PMDC motor controller and its implementation on Automated Manual Transmission	Prof. Meera Murali	MM+VSR+VBB

Track 4		Chairperson: Dr.A.R. Phadke

1	122048004	Devesh Sunil Patil	Design and development of Self Tuning MPPT scheme for Dynamic Power flow control in Single stage Power Converter for Solar PV and Electrical vehicle application	Prof. Snehal Unde	SSD+ARP+SVU
2	122048005	Vishnukant Gore		Prof. S. S. Dambhare	SSD+ARP+SVU
3	122036010	Vedanti Anil Kadu	Hella 2	Prof. S. S. Dambhare	SSD+ARP+SVU
4	122049019	Dipali Maruti Patil	Hella 3	Prof. S. S. Dambhare	SSD+ARP+SVU
5	122048013	Shantanu Gajanan Gulhane	Design of Agrophotovoltaic system for Optimized Energy Generation, Crop Yield and Water Saving	Prof. Atul R. Phadke	SSD+ARP+SVU
6	122048014	Sul Devendra Shrimant	Multi-objective Optimal Placement and Sizing of Battery Energy Storage System in Distribution/ Sub-transmission Networks with high PV penetration	Prof. Atul R. Phadke	SSD+ARP+SVU
7	122049021	Rathod Ajay Ashok	Adaptive normalized error based sliding mode controller for bidirectional dc-dc converter	Dr. S. L. Patil (Instrumentation Dept.), Dr. S. S. Dambhare	SSD+ARP+SVU
8	122049022	Anuradha Ravindra Samant	Philips 1	Prof. Atul R. Phadke	SSD+ARP+SVU
9	122048017	Bhushan Phadke	Control of voltage source converter based (Statcom/DVR)scheme for power quality improved grid-interactive solar PV–battery system	Prof. S. S. Dambhare	SSD+ARP+SVU
10	122048018	Gutte Pundlik Ganpat	Analysis of Voltage Fluctuations and Unbalance in Distribution Network with Significant PV Installations	Prof. Atul R. Phadke	SSD+ARP+SVU
11	122048019	Akash Raghunath More	Solar PV Integration to E-Rickshaw With Regenerative Braking and Sensorless Control	Prof. S. S. Dambhare	SSD+ARP+SVU
12	122049024	Varadkar Sahil Shrikrishna	Community energy storage systems : Energy management system	Prof. Snehal Unde	SSD+ARP+SVU

	Track 5		**Chairperson: Dr. R.T. Ugale**		
1	122049011	Mugali Bhagyashri Mallinath	Matrix Converter Based Multiport Power Electronic Transformer for Hybrid Distribution Systems	Prof. Milind Bagewadi	RTU+MDB+ASM
2	122049012	Mundhe Shantanu Sudhakar	A MMC-Based Multiport Power Electronic Transformer	Prof. Milind Bagewadi	RTU+MDB+ASM
3	122049013	Muneshwar Deepali Devidas	ASM 2 &3	Prof. A. S. Mane	RTU+MDB+ASM
4	122049002	Chaudhari Chaitanya Madhukar	Integrated controller with MPPT functionality for Manitoba inverter	Prof. Milind Bagewadi	RTU+MDB+ASM
5	122049003	Dhengane Rushikesh Sanjay	Feeder fault Automation by fault Pass Indicator.	Prof. A. S. Mane	RTU+MDB+ASM
6	122049023	Suvidha Vilas Pawar	Sencsorless field oriented control of Interior PMSM for EV application	Prof. R. T. Ugale	RTU+MDB+ASM+ASS
7	122049018	Abhishek Sanjay Patil	Design and development of Axial Flux Motor (10kWatt) (48V-72V)	Industry Sponsored by Dr. Salkman (Quinergy Electric (P) Ltd) Dr. R. T. Ugale	RTU+MDB+ASM
8	122049025	Chandekar Aparna Narayan	Design and analysis of Linear PMSM for EMAL System	Prof. R. T. Ugale	RTU+MDB+ASM+ASS
9	122049020	Patil Radhika Pandurang	Fast and accurate battery charging for EV Application	Prof. R. T. Ugale	RTU+MDB+ASM
10	122049026	Gore Kalyani Arjun	Design and analysis of Hub BLDC motor for two wheeler EV application	Prof. R. T. Ugale	RTU+MDB+ASM+ASS
11	122049008	Kore Mangesh Mahadev	ASM 2 &3	Prof. A. S. Mane	RTU+MDB+ASM
12	122048012	Shaikh Shadab Ansar	Design and Development of a Pure Sine Wave Inverter	Industry Sponsored by Dr. Salkman (Quinergy Electric (P) Ltd) Dr. Milind Bagewadi	RTU+MDB+ASM
13	122048015	Shreya Tavare	Philips 2	Prof. A. S. Mane	RTU+MDB+ASM