



**Sponsored Projects
Academic Year 2018-19**

Department of Electronics and Telecommunication Engineering

Sr. No.	Student Name	Project Title	Name of Guide	Name of Sponsoring Company	Sponsored Amount
1.	Shubham S Raina Kalyani Arun More Prachi Shankar Pawar	Design analysis and development of Microstrip antenna for wireless communication and defence sector	Dr. P. B. Mane	Defence Research and Development Organisation, Dr.Homi Bhabha Road,Pashan, Pune-411005	Technical guidance and resources provided.
2.	Omkar Mule Akshay Kulkarni Sandeep Bayas Litesh Mahajan	DC TO DC CONVERTOR for hybrid wind solar power generation system.	Dr. V. K. Bairagi	Defence Research and Development Organisation, Dr.Homi Bhabha Road,Pashan, Pune-411005	
3.	Jagtap Mitali Bhatu Kamble Saurav Kolte Prachi Pradeep	Solar Radition Monitoring With Tracking Unit.	Ms. M.R. Wanjare	India Meteorological Department, Dr.Homi Bhabha Road,Pashan, Pune-411005	
4.	Pawar Dinesh Shweta Khairnar karan salvi Azhar Jalal Tamboli	lightening prediction system	Ms. V. K. Patil	Indian Institute of Tropical Meteorology, Pune	
5.	Madavkar Priyanka Pawar Manorama L Naik Preethi A	Automated & secure configuration in IPv6	Dr. M. P. Sardey	Bharat Sanchar Nigam Ltd Regional Telecom Training Center Nigadi-Bhosari Road, Chinchwad, Pune- 411 019.	
6.	Maskare Supriya A Patil Pooja Sanjay	Implementation of policy based	Dr. D. K. Shedje	Bharat Sanchar Nigam Ltd	



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	Patil Sayali Sanjay	routing in ospf using ipv4/ipv6 over NG-SPH n'w for 3DH		Regional Telecom Training Center Nigadi-Bhosari Road, Chinchwad, Pune	
7.	Kolate Onkar Vilas Naik Aditya Vaibhav Kokane Omkar Somnath	Adaptive routing protocol analysis and performance evaluation in IPV6 network.	Dr. S. B. Dhonde	Bharat Sanchar Nigam Ltd Regional Telecom Training Center Nigadi-Bhosari Road, Chinchwad, Pune	
8.	Harsule Vaibhav Ravindra Kahalekar Utkarsha Ramesh Satras Medha Salunke shraddha	Automatic plant health indication using farming robot.	Ms. V. K. Patil	Institute of Electrical and Electronics Engineers HAC	12000/-
9.	Kolekar Samruddhi Dnyandeo Venkatesh Jalanapure	IOT Assisted Farming	Mr. S. R. Kokane	Institute of Electrical and Electronics Engineers HAC	12000/-
10.	Shivekar Pratiksha Dnyaneshwar Bandal Haridnya Rajendra Khaire Sandesh Sampat	Smart Water Heater.	Ms. G. G. Kulkarni	Versa controls, Village Vadgaon - 412106, Tal.: Maval, Dist.: Pune,	
11.	Sumedha Jori Shraddha Hulyalkar Shweta Chinchkar	Smart Classroom using IOT and AI	Ms. V. K. Patil	Texas Lab	
12.	Maind Pooja H Patil Switi S Pusegaonkar Shubham A	Single phase fully automatic starter with GSM controlled through IVRS and voice feedback	Mr. K. V. Ranveer	Adolf Solutions Private Limited, Datta Nagar, Nr. Talera Godown, Dighi, Pune 411015	Technical guidance and resources provided.
13.	Shriram Bhujanga Patil	Gesture and action tracking using depth and RGB camera	Mr. K. V. Ranveer	Adolf Solutions Private Limited, Datta Nagar, Nr. Talera Godown, Dighi, Pune 411015	
14.	Mahesh Anerao Rahul Dongare Sapna Borolkar	Pcb fault detection using image processing	Mrs S. P. Gopnarayan	4 Dimentions Infotech, Dhayari Phata, Pune	



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15.	Tejas Varma Prashant Korde Aziz Sheikh	Speed Control of Induction motor using PLC and VFD	Mr. S. R. Pawar	Samtech Automation, opposite shanivar wada, shivaji road, Pune
16.	Akshaya Jagtap Ninad Jagtap Nikhil Bangad	Electronic Voting Machine	Ms. M. R. Wanjare	V R Automation pvt ltd, Ambegaon Budruk, Near Sinhagad Institute Pune - 411046,
17.	Riddhi Sanghavi Akash Pande Sameer Awate	Co-operative Adaptive Cruise Control	Sandhya Ahire	Kalptech solutions Pvt Ltd, near kendriy vihar, Moshi Pradhikaran, Pune



Department of Instrumentation Engineering

Sr. No.	Student Name	Project Title	Name of Guide	Name of Sponsoring Company	Sponsored Amount
1.	Harshal Davate Lavesh bhadavkar Suraj jangam	Runway Visibility Measurement Using Transmissometer	Namrata Nagdeo	Indian Meteorological department, Pune	NIL
2.	Abhishek Ambetkar Pratik Rakhonde Swati Bhat	Runway Visibility Measurement using Forward Scatter meter	Mrs.S. V. Kulkarni	Indian Meterological Department, Pune.	NIL
3.	Omkar Patil Mrunal Pathak Atharva Kalyankar	Artificial Rainfall Simulator	Prof. H. P. Chaudhari	India Meterological Department, Pune	NIL
4.	Vinayak Kamble	Environmentally Controlled Onion Storage	Mrs. N. S. Nagdeo	IEEE sponsored	NIL
5.	Akshay Bangar Narayan Bhosale Vishal Gore	Automatic Seed plantation using PLC	Prof. H. P. Chaudhari	Department of technology SPPU PUNE	NIL
6.	Karle Sonal Chavan Anuradha Desai Vijaymala	Automation using data logger through plc cold storage system	Namrata Nagdeo	Technology department SPPU, Pune	NIL
7.	Jadhav Kiran R. Yawalkar shreya	Design and development of electronic controller for radial wheel machine using PLC	Dr. Dipali Shende	Vishay components pvt. Ltd. Loni-kalbhor	NIL
8.	Aditya Kaandekar Akshaykumar G. Antapurkar Prathamesh	Hyperloop based patients transportation system	D. R. Shende	Idle solution , Pune	NIL
9.	Shubham Pandit Aditi Kasarkhedkar Kedar Wavare	Stepper motor control using fibre optics communication	Namrata Nagdeo	Gyatri Traders, Pune	NIL
10.	Shubham Sakunde Shubham Pawar Lokesh Supalkar	Agriculture irrigation system automation using IoT	Mrs. S.V. Kulkarni	HYC Technologies, Pune	25,000
11.	Chetan Bhoje Shubham Balwade	Modular system for shock absorber (Nut runner and	Mrs. S. V. Kulkarni	Gomati Engineers, Pune	30,00,000



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12.	Omkar Bhoite Kshitij Bhalerao Pramod Divekar	Design and development of an automated testing equipment for an electronic circuit and its analysis and data acquisition using LABVIEW.	Prof. H. P. Chaudhari	Jambhekar Automation Solutions, Pune	NIL
13.	Piyush Ingle, Priyanka Chavan Muneeb Choglay	Real time android based automatic water billing system using IOT	Mr. H. P. Chaudhari	ELSIEF TECHNOLOGY, Pune	NIL
14.	Lokhande Vaibhav S. Mahajan Shubham S.	Modular system for Shock Absorber	Mrs. S. V.Kulkarni	Gomati Engineers pvt. lmt., Bhosari.	NIL
15.	Sakshi Jagtap Varsha Khapare	Automatic fruit peeling machine using PLC	Mr. H. P. Chaudhari	ICAP, pune	NIL
16.	Rajas Sangamnerkar Yogesh Patil Shubhamkar Honrao	Orange Juice vending machine	Dr. D. R. Shende	Twinnov Technologies Pvt. Ltd., Pune	NIL
17.	Mayur khatavkar Smit Mehta Rohan Tar	“Automatic potato chips making machine by using PLC.”	Mr. H. P. Chaudhari	Innovative Centre For Automation People, Shivajinagar, Pune	NIL
18.	Devendra Divekar Rohan Patil Chetan Gaikwad	Automatic stamping machine using microcontroller	Dr. D.R. Shende	Twinnov Technologies Pvt. Ltd., Pune	NIL



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Department of Computer Engineering

Sr. No.	Student Name	Project Title	Name of Guide	Name of Sponsoring Company	Sponsored Amount
1	Mansi Hiremath Preeti Singh Sharon Charles Tamanna	Fast Lightning Prediction Using AI Model Over Cloud	Dr. S. V. Limkar	Indian Institute of Tropical Meteorology (IITM) Dr. Homi Bhabha Road, Pashan, Pune	Nil
2	Sayali Bonawale Kanchan Verma Aditya Gadegaonkar Shreya Aeron	Classification and Prediction of Cardiac Arrhythmia Using Machine Learning	Dr. M.A. Thalor	Sassoon General Hospital, Pune	Nil
3	Jithu R Sayli Baser Priyanka Shinde Yamini Jhamnani	Slack Integration of Simple App (Vizerto)	Dr. S. V. Limkar	Digital Main, Pune	Nil
4	Shubhangi Mangrulkar Aishwarya Ingewar Rohit pende Tejaswini Nagwade	RedDrop: Optimization of Blood Donor By Using GA	Dr. K. S. Wagh	Vertical Software Solutions, Hadapsar, Pune	Nil
5	Yash L. Chaudhari Ravikiran S. Patil Rohan R. Kulkarni	Survival Rate Prediction And Prognosis of Cancer Patient Using Machine Learning	Dr. K. S. Wagh	Chaudhari Diagnostic Center, Aundh, Pune	Nil



Department of Electrical Engineering

Sr. No	Student Name	Project Title	Name of Guide	Name of Sponsoring Company	Sponsored Amount
1.	Koli Rohan Bhauso Zanie Omkar Ashok Ekal Abhishek Sadashiv	Power Quality Audit and Compliance as per IEE519-2014 of ZF Steering Gear(India) Pvt. Ltd.	Mrs. S. M. Shaikh	ZF Steering Gear(India) Pvt. Ltd., Pune	Nil
2.	Dhotare Aarti Ramesh Jamadar Shwetal Dhanyakumar Kamthe Kirtee Ashok	Power Quality Audit and Compliance as per IEE519-2014 of ZF Steering Gear(India) Pvt. Ltd.	Mr. S. V. Shelar	ZF Steering Gear(India) Pvt. Ltd., Pune	Nil
3.	Raut Akshay Rajendra Vanshiv Aditya Rahul Tarun Kumar	Automatic Railway Crossing Control using PLC	Mr. S. S. Shingare	Akhilesh Electricals Pvt. Limited, Narhe, Pune.	Nil
4.	Shinde Prachi Vidyadhar Chittekhar Pravin Annasaheb Khoje Aditva Vikas	Load Management of Substation by Automation.	Mrs. K. S. Gadgil	Samtech, pune.	Nil
5.	Rathod Kiran Subhash Patil Rahul Pradeep Bhanvase Sachin Haridas	Motion Sensor based Lightning Control and Automation.	Mr. S. M. Chaudhari	Orbital Electronics, Pune.	Nil
6.	Alok Kumar Gautam Anshla Sinha Khomane Sagar Mohan	Design and Development of Liner Spot Welding Machine	Mr. P. P. Mahajan	MNC Automation & Services Pimpri, Pune	Nil
7.	Thakur Ghana Devang Meshram Benzeer Ashok Patil Meera Madhav	Design and Development of HMI based smart power and Energy Monitor.	Mr. S. V. Shelar	College Sponsored	Nil
8.	Bharambe Akshay Pradip Patil Kshitiia Raiendra Patil Prerana Sudhir	Implementation of energy monitoring and management scheme at AISSMS IOIT, Pune.	Mr. S. V. Shelar	College Sponsored	Nil
9.	Wale Shubham Sanganappa Bhosale Nikita Nandkumar Patil Devendra Vasantrya	Simulation and hardware implementation of single phase cascaded multilevel inverter	Mrs. S. M. Shaikh	College Sponsored	Nil



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10.	Nimkar Pranit Saniay Sayed Minhajali Imdadali Wankhede Srushant Saniay	Implementation of Energy Monitoring and Management Scheme at AISSMS IOIT, Pune	Mrs. S. M. Shaikh	College Sponsored	Nil
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Department of Information Technology

Sr. No.	Student Name	Project Title	Name of Guide	Name of sponsoring Company	Sponsored Amount
1	Rutuja Gawas, Sonali Deokars, Samruddhi kale, priyanka Bhosalkar	Visual exploration of changes in passengers flow in metro network	Prof. R. Y. Totare	Hawlett- Packerd, Pune	NIL
2	Kirti Choudhari, Komal Dhing, shivani Pacharne, Sweety Samanta	Design of Hybrid approach for IDS, IPS and IRS using Reinforcement Learning	Prof. A.S. Phapale	Globeminds, Pune	NIL
3	Mitali Bhat, Anushree Ghugul, Saumyak Saha, Ojaswini Gorana	Monitoring of network using open source	Prof. A.V. kore	Gayatri infotech, Pune	NIL
4	Pragati Bharambe, Arati Gade, Prapti Nirmal, Rutuja Mhaske	Implementation of Process for Detection of Suspicious Account in Money Laundering	Prof. P. A. Patil	Innovatous, Pune	NIL
5	Neha Pise, Saurabh Talathi, Atul Shetti, Ankit Todi	IoT Based Home Automation and Energy aware System	Prof. P. N. Gulhane	Tech Buzz, Pune	NIL
6	Mansi Welling, Shailendra Singh, Moiz Fakhri, Rohit Singh	Fusion based on learning propagation for Facial Expression Recognition	Prof. P. A. Patil	Data Integration, Pune	NIL
7	Prasiddha Godhane Kumudini Ponde Snehal Varude Nikita Doke	Three Tier Architecture for Document Authentication	Prof. R. Y. Totare	Innovatous, Pune	NIL
8	Pravin Nadageri Nilesh Chaudhar Omkar Koli	3D Video Game Development	Prof. J. C. Pasalkar	A.COM City, Pune	NIL
9	Kiran Alhat, Ankita kute, Vishal Kore, Ganesh Nage	Scalable Deep learning based recommendation system	Prof. R. A. Jamadar	Sunsoft Technologies, Pune	NIL
10	Shashikant Dhamame, Nikhil Jigjani,	GPS based Travelling System (Two Wheeler)	Prof. A.V. kore	Social Flix, Pune	NIL



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	Dipak Mule, Charudatta pagare				
11	Nasarin Attar Mayuri Gore Deepak Kumar Sneha Mane	Travel Recommendation System	Prof. R. A. Jamadar	SSP Technology, pune	NIL
12	Rushikesh Daga,Ashish patil,Pragya Kumari,Mohini Rana	Similar Questions Identifier	Prof. P. P. Mahale	DigitalMain Inc. Pune	NIL



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Department of Electronics Engineering

Sr. No.	Student Name	Project Title	Name of Guide	Name of sponsoring Company	Sponsored Amount
1	Deepak Chavan Omkar Hurdale Shriram Role Akash Wajage	Cleaning and Sterilization of Pasteurization Tank in Dairy Industry using PLC and SCADA	Prof. G. D. Salunke	Ditap-V Automation Pvt. Ltd., Dhankawadi, Pune	NIL
2	Adwait Pitale	Advanced 1-Ø Auto Starter	Prof. N. S. Warade	Adolf Solutions Private Limited, Dighi, Pune	NIL
3	Samarth Joshi Kiran Maske Harshad Yedge	Adaptive Cruise Control Collision Warning with Break Support	Prof. S. M. Patil	VST Infotech, Shivajinagar, Pune	NIL