

AMRUTVAHINI COLLEGE OF ENGINEERING, SANGAMNER
DEPARTMENT OF ELECTRICAL ENGINEERING
B.E. ELECTRICAL PROJECT LIST: 2021-2022

Group No.	Title Of Project	Name Of Students	Area Of Project	Internal Guide Name/Qualification/ Experience
01	Zigbee based analysis of solar powered forest fire detection and control system	Phatangare Vijay Sunil Revgaade Sahil Dhanaanjay Sonwane Tejasvi Sambhaji Wakchaure Pallavi Dattatraya	Electrical Power System	Prof. S. S. Kadlag M. Tech [Control System] Teaching Exp.: 22 Years
02	Solar powered smart electric wheel-chair	Jawale Pratik Gopal Gunjal Rohit Nanaasaheb Bodkhe Vaibhav Namdevrao Ingale Harshad Anil	Interdisciplinary and Society Based Problems	Dr. Kishor V Bhadane ME [Electrical Power System] Teaching Exp.: 19 Years
03	Agricultural sprayer pump	Phatangare Sanket Madhukar Deshmukh Shubham Vikas Ranmale Suraj Vinayak Raut Sharad Gajanan	Interdisciplinary and Society Based Problems	Dr. Kishor V Bhadane ME [Electrical Power System] Teaching Exp.: 19 Years
04	Voltage regulation of critical load by using advanced power electronic converter	Bhoir Nivruttinath Ravindra Bhakad Mahadev Ram Pawar Pavan Bhausaab Kasar Akash Ashok Patil Nikhil Jitendra	Electrical Power System	Prof. J. R. Rokade. ME [Electrical Power System] Teaching Exp.: 12 Years
05	Design of auduno based MPPT solar charge controller using real PV System	Kolhe Aniket Sachin Gawande Amit Vilas Mungase Kavita Dadasaheb Vaibhav Rahane A	Electrical Power System	Prof. J. R. Rokade. ME [Electrical Power System] Teaching Exp.: 12 Years
06	IOT Based full body covid sanitizer and count analysis	Shaha Imran Janjir Deshmukh Smith Kishor Bhangare Rajendra B	Electrical Power System	Mr. T. R. Bhanegaonkar ME [Electrical Machine Drives] Teaching Exp.: 11 Years

Mr. R. A. Patil
Project Coordinator

Dr. S. S. Kadlag
HEAD OF THE DEPARTMENT
ACADEMIC & ADMINISTRATIVE
AMRUTVAHINI COLLEGE OF ENGINEERING
SANGAMNER - 422608

AMRUTYA ANI COLLEGE OF ENGINEERING SANGAMNER
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Group No.	Title Of Project	Name Of Students	Area Of Project	Internal Guide Name/Qualification/ Experience
07	360° wireless sanitizer robot for covid centres & hospital	Deshmukh Akshaykumar Vasant	Battery Management System	Mr. T.R. Bhanejaonkar ME [Electrical Machine Drives] Teaching Exp.: 11 Years
		SarbandeRupaliE.knath		
		Karpe AbhijitBalu		
		Jadhav Supriya Vishnu		
		Kawate OnkarLaxman		
08	Grid failure detection by detecting variation in voltage & frequency	DeoreSumitendra	Electrical Power System	Mr.A.K.Pathak ME [Electrical Power System] Teaching Exp.: 11 Years
		Kute Harshal Ramdhan		
		Shelar Vaibhav Vlas		
		Bhosle Kailas Raosaheb		
		DhaygudePayal Vijay		
09	IOT Based operation ,Control & fault detection in substation	Aranekarupali Narayan	Electrical Power System	Mr.A.K.Pathak ME [Electrical Power System] Teaching Exp.: 11 Years
		SonawaneHemanArun		
		Jadhav SanchitA Sunil		
		Kedar Ganesh Datu		
		Kedar Sahil Trambak		
10	Wireless Charging station and Battery management unit of EV	GadeMohiniDattatray	Electric Vehicle	Mr.Vijaykumar ME [Electrical Power System] Teaching Exp.: 11 Years
		Pawar Suyog Sanjay		
		Kurhe Sagar Sunil		
		Khennar Anol Bhaskar		
		PdwalAsmita Pradip		
11	Cost Efficient & Eco-friendly Electric Vehicle.	Pimple Ashish Mahadev	Electric Vehicles & Battery Management System	Prof.A.S. Pande ME [Control System] Teaching Exp.: 10 Years
		JagtapPradnya Sunil		
		Gaikwad Siddhant Pravin		
		ZugeSudhir Sanjay		
		Deshmukh Harshvardhan S		
12	Wireless crop field protection system	Patil Harshal Ravindra	Electrical Power System	Prof. S.J. Aher M.Tech.[Energy Technology] Teaching Exp.: 11 Years
		JejurkarTejalRaosaheb		
		Kadu PayalDaqdu		
13	Arduino based battery monitoring system with state of charge		IOT & Arduino	Prof.M.D.Pawar ME [Electrical Power System] Teaching Exp.: 10 Years

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Group No.	Title Of Project	Name Of Students	Area Of Project	Internal Guide Name/Qualification/ Experience
14	IOT based advanced digital water meter and wastage controller	Ahire Akshay Mothabhai Chule Sopan Vitthal Pawbake Shubham Bhausahab Gahire Mayur Prakash Rode Sonali Dnyandeo Thorat Akshay Dilip Turkane Abhishek Yuvraj Dhone Avinash	IOT & Arduino	Prof. A. A. Pathare ME [Power System] Teaching Exp.: 7 Year
15	IOT Based integration in substation for monitoring and maintenance	Dhople Rakesh Nandu Dhonge Nitesh Pandharinath Malode Arpit Anand Dandwat Hrushikesh Prakash Gaikwad Pratiksha Raghunath Sawle Shreya Sanjay Khojeshani Vikas Jorekar Sneha Nandkishor	Electrical Power System	Prof. R. A. Patil ME App. [Power System] Teaching Exp.: 10 Years
16	Solar-wind hybrid power charging station for EV	Dhople Rakesh Nandu Dhonge Nitesh Pandharinath Malode Arpit Anand Dandwat Hrushikesh Prakash Gaikwad Pratiksha Raghunath Sawle Shreya Sanjay Khojeshani Vikas Jorekar Sneha Nandkishor	Renewable Energy	Prof. A. S. Varde ME [Electrical Machine Drives] Teaching Exp.: 7 Year
17	An innovative transient free adaptive SVC for reactive power compensation and PF correction using pic controller	Gaikwad Pratiksha Raghunath Sawle Shreya Sanjay Khojeshani Vikas Jorekar Sneha Nandkishor	Electrical Power System & Power quality Improvement	Prof. S. M. Ingale ME App. [Power System] Teaching Exp.: 10 Years
18	Generation of electricity from waste with pollution control method	Shaikh Adnan Hanif Chatur Omkar Sanjay Pathan Amankhan Arifkhan Dhole Sanket Arjun Dighe Shubham Ashok Dhatrak Saurabh Bhagvan Bhavar Akash Babasahab Kashide Abhijeet Govind	Renewable Energy	Prof. A. A. Joshi ME (Control system) Teaching Exp.: 7 Years
19	Colour Base product sorting system by using PLC	Dighe Shubham Ashok Dhatrak Saurabh Bhagvan Bhavar Akash Babasahab Kashide Abhijeet Govind	PLC & SCADA	Prof. Anupkumar ME [Electrical Power System] Teaching Exp.: 6 Years

Mr. R. A. Patil
Project Coordinator

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AMRUTVAHINI COLLEGE OF ENGINEERING SANGAMNER
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B.E. ELECTRICAL RURAL BASED PROJECT LIST: 2021-2022

Group No.	Title Of Project	Name Of Students	Area Of Project	Internal Guide Name/Qualification/ Experience
03	Agricultural sprayer pump	Phatangare Sankeet Madhukar Deshmukh Shubham Vikas Ramnate Suraj Vinayak Raut Sharad Gajanan Shaha Imran Janfir Deshmukh Smith Kishor Bhargave Rajendra B Pimple Ashish Mahadev Jagtap Pradya Sunil Gaikwad Siddhant Pravin Zuge Sudhir Sanjay	Interdisciplinary and Society Based Problems	Dr. Kishor V Bhadane ME [Electrical Power System] Teaching Exp.: 19 Years
12	Wireless crop field protection system		Electrical Power System	Prof. S.J. Aher M.Tech. [Energy Technology] Teaching Exp.: 11 Years

Mr. R.A. Patil
 Project Coordinator

Dr. S.S. Kadlag

ACAD. HEAD OF THE DEPARTMENT
 DEPARTMENT OF ELECTRICAL ENGINEERING
 AMRUTVAHINI COLLEGE OF ENGINEERING
 SANGAMNER - 422605