



R.M.K. COLLEGE OF ENGINEERING AND TECHNOLOGY
R.S.M. NAGAR, PUDUVOYAL – 601 206
DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING



Student Project Highlights

Academic year 2018-19

S.No	Name of the Student	Project Title	Description	Remarks
1.	Bhuvaneshwari G Leelavathy S Keerthi Nanditha Ramya R Under the guidance of Ms. T.J Catherine Associate Professor/EEE	Driver Awakening system in Automobiles using Lane correction and Automatic Braking	Project funded by TNSCST	Received fund of Rs 7,500 from TNSCST
		Automatic speed reduction at various zones	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference
2.	Settipalli Rohithsai Praburaj R Tallapally Saideep Sai Santhosh D Under the guidance of Mr.N.Hariharan, Assistant Professor/EEE	Smart 5G Industries using MISPROSMA tools	Mitsubishi Electric India Private Limited	Participated in Mitsubishi Electric cup-2017 project competition using PLC Industry Related Project
			2 nd International Conference on Information, Embedded and Communication Systems “ICIECS 2019”, St. Joseph’s College of Engineering on 22.03.2019.	Presented in international Conference

3.	Vani Durai D Srigadevi G Ponlakshmi A Under the guidance of Ms.B.Nagarani , Assistant Professor/EEE	Speed Control of BLDC motor using solar PV panel with MPPT algorithm	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference
4.	Dharani K R Monica R Priyadharshini B Under the guidance of Ms. K.V.Bindu Assistant Professor/EEE	Active power filter for single-phase Quazi-Z-source on-board integrated charger	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference
5.	Ashik.K.S, Deepan Kishore.S, Mohammed Ibrahim K, Rajesh S Under the guidance of Ms. K.V.Bindu Assistant Professor/EEE	Controlled Rectifier with Improved Dynamic Response under Unbalanced Supply and Variable Line and Load Inductances	International Journal of Advances Research in Electrical, Electronics and Instrumentation Engineering Vol.8, Issue 2, Feb 2019	Published in international Journal indexed in Google Scholar
6.	Ariharan E Barath M Kriba Shankar D Under the guidance of Dr.N.Kalaiarasi Professor/EEE	Frequency Regulation Using Model Reference Adaptive Control	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference
7.	Athar Zafeer K A Hari Kishore M Avik Banerjee Kamesh S Under the guidance of Mr. L.Umasankar, Assistant Professor/EEE	Modelling and Control of Solar and Wind Hybrid System	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference

8.	<p>Sai Sachin G Surya P Kutham Bakam Durga Prasad Surudhi Saagar S Under the guidance of Dr.N.Kalairasi Professor/EEE</p>	<p>Battery Management System and Advanced Self Charging Technology for Hybrid Electric Vehicle</p>	<p>“7th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.</p>	<p>Presented in international Conference</p>
9.	<p>Balasurya S Sethu Chidambaram M Subash Chandra Bose V Ravi Raghul H Under the guidance of Mr. K.Gunalan Associate Professor/EEE</p>	<p>Controlling microgrid using dynamic systems fed by renewable Energy sources</p>	<p>“7th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.</p>	<p>Presented in international Conference</p>
10.	<p>S.Nivetha Sree, S Paatali , Shangavi, Keerthana Under the guidance of Dr.T.Jesintha Mary Assistant Professor/EEE</p>	<p>"Delay Dependent Stability Analysis of Load Frequency Control in Power System including Electric Vehicles (EVs)"</p>	<p>Caribbean Journal of Science, April 2019</p>	<p>Published the project work in referred journal</p>
11.	<p>Vikash P Thirumalai M Praveen Kumar G Shyam M Under the guidance of Mr. K. Dilavar Basha, Assistant Professor/EEE</p>	<p>Hybrid Resonant ZVSZCS Converter for HVDC System</p>	<p>“7th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.</p>	<p>Presented in international Conference</p>

12.	Dinesh .D Naveen Kumar E Pavendan D Under the guidance of Mr. K.Gunalan Associate Professor/EEE	Capacitor-Less D-STATCOM for reactive power compensation	“ICETCEE 2019”, organized by Organization for Innovation Science and Engineering Research at Alpha College of Engineering on 17.03.2019.	Presented in international Conference
13.	Bharath. M Pradeep Kumar N Moharaj. P Under the guidance of Mr. K. Dilavar Basha, Assistant Professor/EEE	Power Flow Control and Power Quality Issues in Distributed Generating System	International Conference on Recent Developments in Engineering Management Sciences and Technology “ICRDET 2019”,at Dhaanish Ahmed College of Engineering on 16.03.2019	Presented in international Conference
14.	Dinesh S Giridharan A Gowtham Balaji R Under the guidance of Ms. G.Gethamaha lakshmi, Assistant Professor/EEE	A Switched Capacitor based multilevel inverter topology with reduced components	“7 th International Conference on Contemporary Engineering and Technology 2019” at Prince Shri Venkateshwara Padmavathy Engineering College on 09.03.2019 & 10.03.2019.	Presented in international Conference
15.	Chennuri Reddykanth Manoj Kumar M Kanchi Mohanasunderam Under the guidance of Ms. T.J Catherine Associate Professor/EEE	Single stage conversion for Integration of Solar Photo Voltaic with Utility Grid using MPPT based Charger Controller	International Conference on Recent Developments in Engineering Management Sciences and Technology, “ICETCEE 2019”, organized by Organization for Innovation Science and Engineering Research at Alpha College of Engineering on 17.03.2019.	Presented in international Conference

16.	Bandela Hanook Katara Ravichandra Thota Praveensai Under the guidance of Ms. D.Nageswari Assistant Professor/EEE	Power flow control in an Integrated 5-Bus system with a Hybrid power flow controller	International Conference on Recent Developments in Engineering Management Sciences and Technology, "ICETCEE 2019", organized by Organization for Innovation Science and Engineering Research at Alpha College of Engineering on 17.03.2019.	Presented in international Conference
17.	Vishnu R Kumara Pandian Narendhar V K Praveen Kumar K Under the guidance of Ms. D.Nageswari Assistant Professor/EEE	Implementation of EMS in micro grid using particle swarm optimization	"ICETCEE 2019", organized by Organization for Innovation Science and Engineering Research at Alpha College of Engineering on 17.03.2019.	Presented in international Conference
18.	Naresh . R Pradeep. K Kumaresh V Under the guidance of Mr. L.Umasankar, Assistant Professor/EEE	Power Quality Enhancement in Grid Connected Micro Grid system while Sliding Mode Control supplying non-linear loads	"ICRDET 2019",at Dhaanish Ahmed College of Engineering on 16.03.2019	Presented in international Conference
19.	Nasrudeen H Avisi Hemanth Kumar Venkatachalam R Nithesh Kumar Ve U Under the guidance of Mr.N.Hariharan, Assistant Professor/EEE	Implementation of Multi LED with Isolation using Integrated Boost LLC Converter	"ICIECS 2019", St. Joseph's College of Engineering on 22.03.2019.	Presented in international Conference

20.	Thamizharasan B Ranjith S Monish Kumar N V Santhosh Kumar P Under the guidance of Ms. G.Gethamaha lakshmi, Assistant Professor/EEE	Power quality enhancement using 6-Switched 3-Level inverter for PV Application	National Conference on Green Energy- 2019 at R.M.D Engineering College on 02.04.2019	Presented in National Conference
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HoD/EEE