



S J P N Trust's

Hirasugar Institute of Technology, Nidasoshi.*Inculcating Values, Promoting Prosperity*

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Recognized under 2(f) & 12B of UGC Act, 1956

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EEE Dept.

EESSA

Activity Report

2019-20
(Even Sem)**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.**

Date of Activity:	27/08/2020
Time:	10.30AM to 1.00PM
Type of Activity: (Co-curricular)	Project Exhibition & Selection of best 3 projects
Resource Person:	1)Prof. H. R. Zinage 2)Prof. S. D. Hirekodi
Professional Details of Resource Persons/Guests	1) Asst. Processor, Dept. of EEE, HIT Nidasoshi 2) Asst. Professor, Dept. of EEE, HIT Nidasoshi
Year / Class :	IV Year
No. of students:	58
Activity In charge:	Prof. M. P. Yenagimath

Description of Activity:

Project Exhibition was arranged on 27/08/2020 for final year students. The fifteen batches of final year projects were exhibited during project exhibition. Prof. M. P. Yenagimath project coordinator and activity in charge welcomed the gathering. Dr. B. V. Madiggond, HOD, EEE, inaugurated the activity and addressed the gathering and focused on importance of experiential and activity based learning through project work. Prof. H. R. Zinage and Prof. S. D. Hirekodi were invited as evaluators for project exhibition cum selection of best projects. During project exhibition, selection of three best projects was carried out. The faculty of EEE department, second year and third year students were present during the exhibition.


Event Coordinator
EESSA Coordinator
HOD



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Academics

Project Work

2019-20

DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Project Title Sheet

Batch No.	Name of the students	USN	Project Title	Guide	Sign
B1	Rashmi Uday Pawar	2HN16EE030	Design & Development Of Lake Cleaning Machine Using Wireless Protocol & Sensors	Prof.K.B. Negalur	
	Rashmi A.Karigoudar	2HN16EE029			
	Mareshwari Angadi	2HN16EE017			
	Nikhil Nivalagi	2HN16EE020			
B2	Deepa Javejar	2HN16EE010	Hybrid Battery Charging Station For Electrical Vehicles	Prof.A.U. Neshti	
	Pooja Karangale	2HN16EE024			
	Vineet Kumar	2HN16EE048			
	Mane Pallavi	2HN16EE019			
B3	Megharaj V. Kudache	2HN15EE022	Advanced Farming Technology by using Renewable Source	Prof.V.B. Dhere	
	Sanjeev Y. Dabbanavar	2HN15EE038			
	Shrinivas M. Badiger	2HN14EE042			
	Pooja Khnapuri	2HN15EE029			
B4	Deepa Hugar	2HN16EE009	Chopper Fed Speed Control Of DC Motor Using Pi Controller	Prof. S. G. Huddar	
	Nikita Dileep Patil	2HN16EE021			
	Akshata Hiremath	2HN16EE005			
	Bhavya Awati	2HN16EE008			
B5	Prajakta Akkole	2HN16EE026	Effective Underground Cable Fault Detection With Location	Prof.P.M. Murari	
	Pooja Pattanasheti	2HN16EE025			
	Aishwarya. Maryai	2HN16EE003			
	Pallavi A. Shirasangi	2HN16EE022			
B6	Jyoti Patil	2HN16EE014	Design & Implementation of Single Phase to Three Phase Converter for Motor Control	Prof. H. R. Zinage	
	Kaveri Gundu More	2HN16EE015			
	Hanchinal Punit B.	2HN16EE013			
	Anand Guggari	2HN16EE006			
B7	Shambhavi Patil	2HN16EE034	Design and Implementation of Control Techniques for Battery Management System PHEV	Dr. B.V. Madiggond	
	Tousipa Gargad	2HN16EE045			
	Veerbhadrappa Uppar	2HN14EE049			
	Pradeep D. Angadi	2HN16EE410			
B8	Prakash Rathod	2HN17EE401	Voice Controlled Wheelchair	Prof. A. U. Neshti	
	Kumara R. N.	2HN15EE018			
	Ratnavva Hittalamani	2HN16EE031			
	Jyoti Batagi	2HN17EE400			



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EEE

Academics

Project Work

2019-20

Batch No.	Name of the students	USN	Project Title	Guide	Sign
B9	Aditya A. Topankhot	2HN16EE002	Protection of Three Phase Induction Motor using PIC Microcontroller	Prof. S. S. Birade	
	Ajay B. Patil	2HN16EE004			
	Patil Sourabh Balaso	2HN16EE023			
	Revan Bhendawade	2HN17EE402			
B10	Sneha Madan Mane	2HN16EE040	Smart Village using Arduino Uno	Prof.S.S. Birade	
	Shweta Chougale	2HN16EE039			
	Swaraj M. Aidamale	2HN16EE043			
	Hanamant G. Kalappagol	2HN16EE405			
B11	Priyanka Hundekar	2HN16EE027	Design & Implementation of Intelligent Vehicle Safety System	Prof.H.R. Zinage	
	Vidyashree Timmasagar	2HN16EE047			
	Laxmi Bhajantri	2HN16EE016			
B12	Snehalata Desai	2HN16EE041	Design and Implementation of Quasi Z Source Inverter for Electric Vehicle with Regenerative Braking	Prof.O.B. Heddurshetti	
	Tejaswini M. Patil	2HN16EE044			
	Sharada M. Hiremath	2HN16EE035			
	Shruti Raju Galagi	2HN16EE038			
B13	Madhu M. Trihani	2HN15EE020	Design & Implementation of Automatic Power Factor Correction for Single Phase Domestic Loads by Aurduino	Prof.S.D. Hirekodi	
	Pooja Mandavakar	2HN15EE031			
	G.Satish	2HN16EE011			
	Shilpa Hukkeri	2HN16EE036			
B14	Sourav V. Sansuddi	2HN15EE047	Simulation and Analysis of Faults in Power Distribution Systems	Prof.M.P. Yanagimath	
	Spoorti Sattigeri	2HN16EE042			
	Ashwini Nigade	2HN16EE007			
B15	Akshata A. Chiniwar	2HN15EE003	An Expert System Based Automatic Fault Detector & Protection System	Prof.S. G. Huddar	
	Rajashree Naikwadi	2HN16EE028			
	Vaishnavi Jatti	2HN16EE046			

Project Coordinator
Prof. M. P. Yanagimath

HOD
Dr. B. V. Madiggond

Prof. & Head RE, ME, Ph.D.
Dept. of Electrical & Electronics Engg.



Types and relevance of the projects and their contribution towards attainment of POs

Batch No	Title of the project	Guide	Type of the project				Environment	Safety	Ethics	Cost
			Application	Product	Research	Review				
1	Design and Development of Lake Cleaning Machine using Wireless Protocol & Sensors	KBN		✓			✓	✓	✓	
2	Hybrid Battery Charging Station for Electric Vehicles	AUN	✓			✓	✓	✓		
3	Advanced Farming Technology using Renewable Sources	VBD			✓		✓			✓
4	Chopper fed speed control of DC motor using Pi Controller	SGH				✓				✓
5	Effective underground cable fault Detection with Location	PMM	✓			✓		✓		
6	Design and Implementation of Single phase to three phase converter for motor control	HRZ	✓			✓		✓		✓
7	Design and Implementation of Control Techniques for Battery Management System PHEV	Dr. BVM	✓			✓	✓	✓	✓	✓
8	Voice Controlled Wheelchair	AUN		✓				✓		
9	Protection of three phase in Induction Motor Using PIC controller	SSB				✓		✓		
10	Smart Village using Aurdino Uno	SSB	✓				✓			
11	Design and Implementation of Intelligent Vehicle Safety System	HRZ	✓					✓	✓	



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Project Work

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12	Design and Implementation of Quasi Z Source Inverter for Electric Vehicle with Regenerative Braking	OBH	✓			✓		✓		✓
13	Design and Implementation of Automatic Power Factor Correction for Single Phase Domestic Loads by Aurdino	SDH		✓			✓	✓		
14	Simulation and Analysis of Faults in Power Distribution Systems	MPY	✓		✓	✓		✓		
15	An Expert system based Automatic Fault Detector & Protection System	SGH				✓		✓		



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Project Work

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Batch No	Title of the project	Guide	Contribution towards attainment of PO's											
			PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
1	Design and Development of Lake Cleaning Machine using Wireless Protocol & Sensors	KBN	3	3	3	2	2	1	2	2	1	2	1	2
2	Hybrid Battery Charging Station for Electric Vehicles	AUN	3	3	2	3	2	1	3	2	2	1	3	2
3	Advanced Farming Technology using Renewable Sources	VBD	3	3	2	2	3	2	2	2	1	3	2	2
4	Chopper fed speed control of DC motor using Pi Controller	SGH	3	3	3	2	1	3	2	1	3	2	3	3
5	Effective underground cable fault Detection with Location	PMM	3	3	2	2	3	2	3	3	2	2	2	2
6	Design and Implementation of Single phase to three phase converter for motor control	HRZ	3	2	3	2	1	2	2	3	3	2	2	3
7	Design and Implementation of Control Techniques for Battery Management System PHEV	Dr. BVM	3	3	3	2	2	1	1	1	3	2	3	2
8	Voice Controlled Wheelchair	AUN	3	2	3	3	2	2	1	1	3	2	2	3
9	Protection of three phase in Induction Motor Using PIC controller	SSB	3	3	3	1	1	2	1	2	2	3	2	2
10	Smart Village using Aurdino Uno	SSB	3	2	2	2	3	2	1	2	2	1	2	2
11	Design and Implementation of Intelligent Vehicle Safety System	HRZ	3	3	3	2	1	3	2	3	2	2	2	2



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12	Design and Implementation of Quasi Z Source Inverter fo Electric Vehicle with Regenerative Braking	OBH	3	3	2	2	1	3	2	2	1	2	2	2
13	Design and Implementation of Automatic Power Factor Correction for Single Phase Domestic Loads by Aurdino	SDH	3	3	2	2	3	1	2	3	2	1	3	2
14	Simulation and Analysis of Faults in Power Distribution Systems	MPY	3	3	2	3	2	2	3	1	1	1	3	2
15	An Expert system based Automatic Fault Detector & Protection System	SGH	3	3	2	1	2	3	1	2	2	2	1	3



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Project Evaluation


2019-20

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Date: 27/08/2020

List of Best Three Projects

Sl. No	Name of the Students	Title of the project	Guide Name	Relevance to PO's	Relevance PSO's	Remarks
1	Miss. Shambhavi Patil	Design and Implementation of Control Techniques for Battery Management System PHEV	Dr. B. V. Madiggond	PO1 to PO 12	PSO1, PSO2	I
	Miss. Tousipa Gargad					
	Mr. Veerabhadra Uppar					
	Mr. Pradeep Angadi					
2	Miss. Snehalata Desai	Design and Implementation of Quasi Z Source Inverter for Electric Vehicle with Regenerative Braking	Prof. O. B. Heddurshetti	PO1 to PO 12	PSO1, PSO2	II
	Miss. Tejaswini Patil					
	Miss. Shruti Galagi					
	Miss. Sharada Hiremath					
3	Miss. Madhu Triyani	Design and Implementation of Automatic Power Factor Correction for Single Phase Domestic Loads by Aurdino	Prof. S. D. Hirekodi	PO1 to PO 12	PSO1, PSO2	III
	Miss. Pooja Mandavkar					
	Mr. G. Satish					
	Miss. Shilpa Hukkeri					



Project Coordinator



Dr. B. V. Madiggond

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 Dept. of Electrical & Electronics Engg.
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