



S J P N Trust's
Hirasugar Institute of Technology, Nidasoshi.
Inculcating Values, Promoting Prosperity
Approved by AICTE, New Delhi, Permanently Affiliated to VTU, Belagavi
Recognized under 2(f) & 12B of UGC Act, 1956
Accredited at 'A' Grade by NAAC
& Programmes Accredited by NBA: CSE, ECE, ME and EEE

EEE Dept.

EESSA

Activity Report

2018-19
(Even Sem)


DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGG.

Date of Activity:	24/05/2019
Time:	10.00AM to 1.00PM
Type of Activity: (Co-curricular)	Project Exhibition & Selection of best 3 projects
Resource Person:	1)Mr. Rahul Mahalank 2)Prof. M. P. Yenagimath
Professional Details of Resource Persons/Guests	1) Proprietor, Bluesmart Elevator Belagavi 2) Asst. Professor, Dept. of EEE, HIT Nidasoshi
Year / Class :	IV Year
No. of students:-	47
Activity In charge:	Prof. M. P. Yenagimath

Description of Activity:

Project Exhibition was arranged on 24/05/2019 for final year students. The twelve 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 motivated the students. Mr. Rahul Mahalank was invited as evaluator 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.


24/5/19
Event Coordinator


24/5/19
EESSA Coordinator


HOD



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E&E Engg. Dept.

Academics

Project Selection

2018-19

Department of Electrical and Electronics Engineering**Project Title Finalization Sheet**

Batch No.	Name of the students	USN	Guide	Title of the Project	Sign
B1	Navadeepa S Sunagar	2HN15EE024	Prof. V.B.dhare	Design and construction low speed A flux Generat with Stationary Bike	
	Nikhita S. Kambar	2HN15EE025			
	Pradnya A Ajare	2HN15EE033			
	Pooja Dasharath Naik	2HN15EE028			
B2	Ashwini N Kalal	2HN15EE007	Prof.S.D.Hirekodi	Power Electronics based Energy Management Systems with storage.	
	Vidya B Dangi	2HN15EE051			
	Tanu S Mukare	2HN15EE049			
	Pooja M Hiremath	2HN15EE030			
B3	Abhishek Maindargi	2HN15EE001	Dr.B.V.Madiggond	Industrial Power control by Integral cycle switching without generating harmonics.	
	Chetan Shirishail.Parit	2HN15EE013			
	Kasheem S. Mulla	2HN15EE016			
	Prashant Khot	2HN15EE421			
B4	Rinal Kamate	2HN15EE037	Prof.M.P.Yanagimath	Diagnosis of Transformer by using Artificial Neural Network.	
	Yuvaraj Jadhav	2HN16EE417			
	Anuja Sanjay Jadhav	2HN15EE006			
	Bhushan Patil	2HN16EE403			
B5	Surajakhan F Pinjar	2HN15EE048	Prof.S.B.Patil	The solid state onload Tap changer for transformer using Microcontroller and controlling by IOT.	
	Prashantkumar Bhajantri	2HN15EE034			
	Avinash Karoshi	2HN15EE008			
	Prakash N G	2HN14EE028			
B6	Vikas Kiran Chougule	2HN15EE052	Prof.A.U.Neshti	Automatic Synchronization of Alternator with infinite bus bar using Microcontroller.	
	Vishwanathgouda V.K	2HN15EE054			
	Shaheeddilawar M	2HN15EE041			
	Bhushan Mandekar	2HN16EE402			



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Batch no.	Name of the students	USN	Guide		Sign
B7	Vinayak Kumbhar	2HN16EE416	Prof.S.S.Birade	VLSI Design and Implementation of programmable 64-2048 point FFT/IFFT processor for wireless communication systems.	
	Halanagouda Patil	2HN16EE404			
	Shivaleela S Benawadi	2HN15EE042			
	Sunita More	2HN16EE415			
B8	Savitri S Hullannavar	2HN15EE040	Prof.H.R.Zinage	Advanced Hybrid Electric Vehicle.	
	Bipin A Lakshapati	2HN15EE011			
	Shivaprasadayya S Kulkarni	2HN16EE412			
	Pooja Alagouda	2HN16EE409			
B9	Akkamahadevi S Halagaravut	2HN15EE002	Prof.O.B.Heddurshetti	Prepaid energy meter using Arduino and GSM Module.	
	Shruti S Khilari	2HN15EE044			
	Laxmi Mohan Karoshi	2HN15EE019			
	Poojakumari Khanai	2HN15EE032			
B10	Megha Sadashiv Hatrote	2HN15EE021	Dr.B.V.Madiggond	Agricultural PEST Controller by using Electronic method.	
	Savita S Kurani	2HN15EE039			
	Akshay Pattanad	2HN15EE004			
	Chetan S Biradar	2HN15EE012			
B11	Nasrat M Momin	2HN15EE023	Prof.P.M.Murari	Wireless Electronic Notice board	
	Parashuram S Savanur	2HN15EE027			
	Bhimashankar D. Hugar	2HN15EE010			
	Shridhar K Math	2HN15EE043			
B12	Bharati Kanakappanavar	2HN15EE009	Prof.K.B.Negalur	Solar Inverter using Super Capacitor.	
	Vijayalaxmi P K	2HN14EE050			
	Shubham Bhilugade	2HN16EE413			

Project Coordinator
Prof. M.P.Yanagimath

22/8
Dr. B. V. Madiggond
Dr. Basavaraj V. Madiggond
Prof. & Head
Dept. of Electrical & Electronics Engg.
Nidasoshi-591 236



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

Batch No	Title of the project	Guide	Type of the project				Envi ron ment	Safe ty	Ethi cs	C os t
			Appli cation	Prod uct	Rese arch	Revi ew				
1	Design and Construction of low speed Axial Flux Generator with Stationary Bike.	VBD	✓				✓	✓		
2	Power Electronics based Energy Management Systems with storage.	SDH				✓			✓	✓
3	Industrial Power control by Integral cycle switching without generating harmonics.	Dr. BVM	✓		✓			✓	✓	✓
4	Diagnosis of Transformer by using Artificial Neural Network.	MPY	✓	✓	✓			✓		✓
5	The solid state on-load Tap changer for transformer using Microcontroller and controlling by IoT.	SBP		✓				✓		
6	Automatic Synchronization of Alternator with infinite bus bar using Microcontroller.	AUN				✓		✓		
7	VLSI Design and Implementation of Programmable 64-2048 point FFT IFFT processor for wireless communication systems.	SSB	✓		✓					✓



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Project

2018-19

8	Advanced Hybrid Electric Vehicle.	HRZ		✓		✓	✓	✓	✓	✓
9	Prepaid Energy meter using Aurdino and GSM Module.	OBH		✓			✓	✓		✓
10	Agricultural Pest controller by using Electronic Method.	Dr. BVM				✓	✓		✓	
11	Wireless Electronic Notice Board.	PMM	✓			✓				✓
12	Solar Inverter using Super Capacitor.	KBN				✓		✓		✓



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Project

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Batch No	Title of the project	Guide	Contribution towards attainment of PO's											
			PO1	PO 2	PO 3	PO 4	PO 5	PO 6	PO 7	PO 8	PO 9	PO 10	PO 11	PO 12
1	Design and Construction of low speed Axial Flux Generator with Stationary Bike.	VBD	3	3	2	2	2	2	2	2	2	2	2	2
2	Power Electronics based Energy Management Systems with storage.	SDH	3	3	2	3	1	2	1	1	1	2	3	2
3	Industrial Power control by Integral cycle switching without generating harmonics.	Dr. BVM	3	3	3	2	2	1	1	3	2	3	2	3
4	Diagnosis of Transformer by using Artificial Neural Network.	MPY	3	3	2	2	1	3	2	2	2	3	2	3
5	The solid state on-load Tap changer for transformer using Microcontroller and controlling by IoT.	SBP	3	3	2	3	1	2	2	2	3	2	2	2
6	Automatic Synchronization of Alternator with infinite bus bar using Microcontroller.	AUN	3	3	3	2	1	2	2	2	3	2	2	2
7	VLSI Design and Implementation of Programmable 64-2048 point FFT IFFT processor for wireless communication systems.	SSB	3	3	2	2	3	3	1	1	2	2	3	2
8	Advanced Hybrid Electric Vehicle.	HRZ	3	3	3	2	3	2	2	1	2	3	2	2



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Project

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9	Prepaid Energy meter using Aurdino and GSM Module.	OBH	3	3	2	2	1	2	3	2	2	1	2	2
10	Agricultural Pest controller by using Electronic Method.	Dr. BVM	3	3	2	3	3	2	2	2	1	3	2	2
11	Wireless Electronic Notice Board.	PMM	3	3	3	2	3	2	1	1	2	3	2	2
12	Solar Inverter using Super Capacitor.	KBN	3	3	3	2	1	2	2	2	3	2	2	2



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Project Evaluation

2018-19

List of Best three Projects

Date: 24/05/2019

Sl.No	Name of the students	Title of the project	Guide Name	Relevance to PO's	Relevance to PSO's	Remarks
1	Savitri S Hullannavar	Advanced Hybrid Electric Vehicle	Prof.H.R.Zinage	PO1 to PO12	PSO1, PSO2	I
	Biphin A Lakshapati					
	Shivaprasadayya S Kulkarni					
	Pooja Alagouda					
2	Megha SHatrote	Agricultural PEST Controller by using electronic method	Dr.B.V. Madiggond	PO1 to PO12	PSO1, PSO2	II
	Savita S Kurani					
	Akshay Pattanad					
	Chetan S Biradar					
3	Nasrat MMomin	Wireless Electronic Notice board	Prof.P.M. Murari	PO1 to PO12	PSO1, PSO2	III
	Parashuram S Savanur					
	Bhimashankar D. Hugar					
	Shridhar Math					

Judge Name with Signature:

1.Mr.Rahul Mahalank

2.shri.M.P.Yanagimath

RR Mahalank
MP
 24/5/19

Dr. B. V. Madiggond
 24/5
 Dr. B. V. Madiggond
 Prof. & Head
 Dept. of Electrical & Electronics Engg.
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