



Bharath

INSTITUTE OF HIGHER EDUCATION AND RESEARCH

(Declared as Deemed - to - be - University under section 3 of UGC Act 1956)



BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY

No. 173, Agharam Road, Selaiyur, Chennai , T.N - 600 073.

From
Dr. T.R. Rangaswamy,
Professor & Head,
Department of EEE,
Bharath Institute of Higher Education and Research,
Chennai

Date: 4.9.17.

To
The Pro VC-Academics,
Bharath Institute of Higher Education and Research,
Chennai

Respected sir

Subject : Request of Permission to conduct a value added course on “**Course on Smart Electric Grid**” -Reg

With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course on “Application of PSCAD and Transient studies” in our campus premises on **26.9.17**.

Mr. Muneeswaran, of Tools TVS Training & Services, Chennai 600 058, would deliver lecture for the above mentioned course. 45 students would be participating in this course. We request you kindly to give permission to organize this event.

Venue: **EEE seminar Hall**

Timing : **8 am to 6.00 pm**

Submitted to Principal for approval to organize this value added course.

Yours sincerely

Copy to ADR/COE

Head of the Department
Department of E.E.E.
BHARATH INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Declared as Deemed to be University U/S 3 of UGC Act. 1956)
Chennai-600 073. INDIA.



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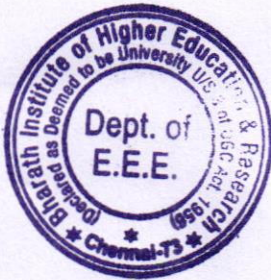
BHARATH INSTITUTE OF SCIENCE AND TECHNOLOGY
No.173, Agharam Road, Selalpur, Chennai , T.N - 600 073.

CIRCULAR

SCHOOL OF ELECTRICAL ENGINEERING

Date: 6.9.17

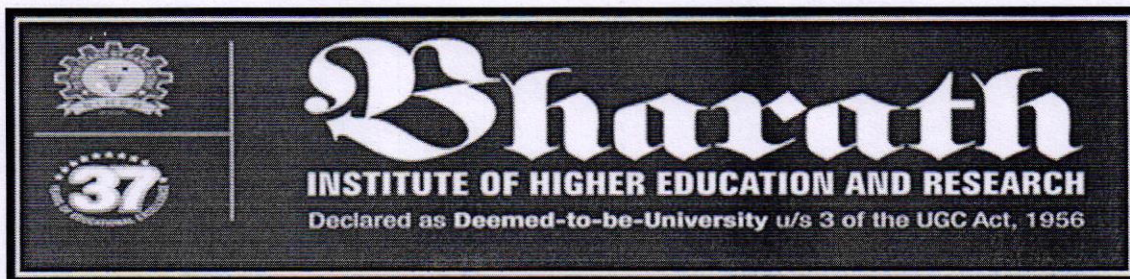
A value added course on “**Course on smart Electric Grid**” is planned by the School of Electrical Engineering on **26.09.2017**. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge before 21.9.2017. Course commences on 26.9.17 and it would be conducted for three days (**26.9.2017, 27.9.2017 & 28.9.2017**) from 8.00 AM to 6.00 P.M.



Copy to
Department of ECE
Notice Board/ Department of EEE

HOD

Head of the Department
Department of E.E.E.
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Chennai-600 073. INDIA.



SCHOOL OF ELECTRICAL ENGINEERING

Course on smart Electric Grid

SCHEDULE

Contact Hours : 32 hrs

DATE	SESSION	Contact Hours	TOPICS	Resource person
26.9.17	FN	9.00 am to 12.30 pm	<ul style="list-style-type: none"> • Introduction to power system operation • Today's grid and the smart grid • Application of computational intelligence in smart grids • Enhancing power system functionality by smart grids • Communications in smart grids 	Mr. Muneeswaran
	AN	1.30 pm to 4 pm	<ul style="list-style-type: none"> • Smart Grid Communications And Measurements • Communication and measurements • Phasor measurement units • Smart meters • Measurement technologies in smart grids • Global information system (GIS) • Google mapping tools • Multi-agent systems (MAS) 	Mr. Muneeswaran

			<ul style="list-style-type: none"> • Microgrids 	
27.9.17	FN	9.00 am to 12.30 pm	<ul style="list-style-type: none"> • Smart Grid Analysis • Load flow analysis • Challenges to load flow in smart grids • Congestion management • Optimal power flow in smart grids • Contingencies in smart grids • Contingency studies in smart grids 	Dr.S.P.Vijayaragavan
	AN	1.30 pm to 4 pm	<ul style="list-style-type: none"> • Advanced Smart Grids For Distribution System Operators • NERC Requirements • Reliability Consideration of Smart Grid • Integration of Renewable Energy Sources • Demand Response • Introduction to computational tools in smart grids • Optimization techniques in smart grids 	Dr.V.Jayalakshmi
28.9.17	FN	9.00 am to 12.30 pm	<ul style="list-style-type: none"> • Renewable Energy And Storage • Renewable energy resources • Solar generation • Wind generation • Energy storage in smart grids 	Mr. Muneeswaran
	AN	1.30 pm to 4 pm	<ul style="list-style-type: none"> • INTEROPERABILITY AND STANDARDS IN SMART GRIDS • Interoperability • Standards in smart grids 	Mr. Muneeswaran

			<ul style="list-style-type: none"> • Smart grid cyber security 	
29.9.17	FN	9.00 am to 12.30 pm	<ul style="list-style-type: none"> • SMART GRID CONTROL • Control of solar generation • Solar inverters • Smart inverters • 	Dr.S.Prakash
	AN	1.30 pm to 5 pm	<ul style="list-style-type: none"> • Hands on experiences 	Dr.S.P.Vijayaragavan
30.9.17	FN	9.00 am to 12.30 pm	<ul style="list-style-type: none"> • Grid integration challenges and prospective solutions 	Dr.S.Prakash
	AN	1.30 pm to 5 pm	<ul style="list-style-type: none"> • Grid-forming control • Grid-supporting control 	Dr.S.P.Vijayaragavan



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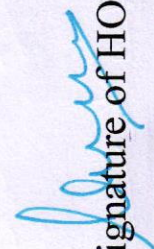


DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

The following students attended Three days' workshop on "Course on smart Electric Grid" On 26.09.2017, 27.09.2017 and 28.09.2017 at Tools TVS Training & Services, Chennai.

S.No	Register No	Name of the student	Signature of the Student		
			26.09.2017	27.09.2017	29.09.2017
1.	U14EE001	ABENASH.R	<i>Abenash</i>	<i>Abenash</i>	<i>Abenash</i>
2.	U14EE002	ABHISHEK KUMAR	<i>Abhishek</i>	<i>Abhishek</i>	<i>Abhishek</i>
3.	U14EE003	AJAY KUMAR MISHRA	<i>Ajay</i>	<i>Ajay</i>	<i>Ajay</i>
4.	U14EE004	AJMEERA. SWAPNA	<i>Ajmeera</i>	<i>Ajmeera</i>	<i>Ajmeera</i>
5.	U14EE005	AMIT KUMAR	<i>Amit Kumar</i>	<i>Amit Kumar</i>	<i>Amit Kumar</i>
6.	U14EE006	ANURAG RAJ	<i>Anurag</i>	<i>Anurag</i>	<i>Anurag</i>
7.	U14EE007	BARUN KUMAR CHAKRABORTY	<i>Barun</i>	<i>Barun</i>	<i>Barun</i>
8.	U14EE008	ANNARAM BHASKER GOUD	<i>Annaram</i>	<i>Annaram</i>	<i>Annaram</i>
9.	U14EE009	CHANDAN KR PANDIT	<i>Chandan</i>	<i>Chandan</i>	<i>Chandan</i>
10.	U14EE010	CHHOTEISHWAR NALLAMANTI	<i>Chhoteishwar</i>	<i>Chhoteishwar</i>	<i>Chhoteishwar</i>
11.	U14EE011	CHINTHAPARTHI SIVASANKAR	<i>Chinthaparthi</i>	<i>Chinthaparthi</i>	<i>Chinthaparthi</i>
12.	U14EE012	DHARANALAKOTA VENKATASATYA CHITTI SWARUP	<i>Chitti</i>	<i>Chitti</i>	<i>Chitti</i>
13.	U14EE014	INAPARTHI SWATHI	<i>Inaparthi</i>	<i>Inaparthi</i>	<i>Inaparthi</i>
14.	U14EE015	ISHTIYAQ BASHIR	<i>Ishthiyah</i>	<i>Ishthiyah</i>	<i>Ishthiyah</i>
15.	U14EE016	KAMISSETY SAI VISHNU	<i>Kamisetty</i>	<i>Kamisetty</i>	<i>Kamisetty</i>
16.	U14EE017	KHUMANTHEM DENIM SINGH	<i>Khumanthem</i>	<i>Khumanthem</i>	<i>Khumanthem</i>
17.	U14EE018	KUNDAN KUMAR	<i>Kundan</i>	<i>Kundan</i>	<i>Kundan</i>

18.	U14EE019	LANKELA SRINIVASULU	Shan	Shan	Shan
19.	U14EE020	LAYEEK ASHAD	Zoya	Zoya	Zoya
20.	U14EE021	MD INAM	Shan	Shan	Shan
21.	U14EE022	MEHBOOB HUSSAIN	Shan	Shan	Shan
22.	U14EE023	MUTHYALA HEMANTH SAI	Shan	Shan	Shan
23.	U14EE024	NAINA MOHAMMED	Shan	Shan	Shan
24.	U14EE025	KOYA NARESH.	Shan	Shan	Shan
25.	U14EE026	N. VIJAYA SEKHAR	Shan	Shan	Shan
26.	U14EE027	NITESH PRASAD	Shan	Shan	Shan
27.	U14EE028	NITISH KUMAR	Shan	Shan	Shan
28.	U14EE029	NOOR MOHAMED.M	Shan	Shan	Shan
29.	U14EE030	PALAPARTHI TIRUMALA RAO	Shan	Shan	Shan
30.	U14EE031	PINNAMANENI PRAVEEN KUMAR	Shan	Shan	Shan
31.	U14EC017	ASARA ANITH RAO	Shan	Shan	Shan
32.	U14EC018	BANKIM CHANDRA BHARTI	Shan	Shan	Shan
33.	U14EC019	BEDDINTI PRAVEEN KUMAR	Shan	Shan	Shan
34.	U14EC020	BETHALA MOURYA	Shan	Shan	Shan
35.	U14EC021	BOJJA. VENKATA PRASAD	Shan	Shan	Shan
36.	U14EC022	BOYAPATI PUSHYAMITHRA	Shan	Shan	Shan
37.	U14EC023	CHALUVADI DIVYA BHARATHI	Shan	Shan	Shan
38.	U14EC024	CHANDRALEKA.K	Shan	Shan	Shan
39.	U14EC025	CHEKURI.VENKATA MAHESH	Shan	Shan	Shan
40.	U14EC029	DEENADHAYALAN.A	Shan	Shan	Shan
41.	U14EC030	DEEPAK KUMAR	Shan	Shan	Shan
42.	U14EC031	DEEPAKA	Shan	Shan	Shan
43.	U14EC034	DOLLY NISHA J.S.	Shan	Shan	Shan
44.	U14EC035	DUVURU SREENIVASA TEJA	Shan	Shan	Shan
45.	U14EC038	GADDI TEJA RAM	Shan	Shan	Shan


Signature of HOD



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DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

SCHOOL OF ELECTRICAL ENGINEERING

VALUE ADDED COURSE - Course on smart Electric Grid

FEEDBACK FORM		Date: 28.9.2017			
Name	Chinthaparthi Sivakankar.				
Register Number	014EE011				
Phone Number	9642191872				
Email address	Sivakankar3245@gmail.com				
	Poor	Fair	Good	Very Good	Excellent
Overall Program			✓		
Resource person				✓	
Audio visual aids & Technology used				✓	
Presentation Handouts				✓	

Student's Signature



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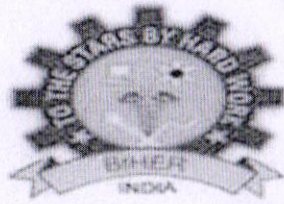
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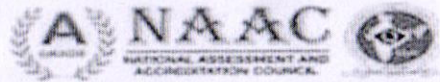
VALUE ADDED COURSE - Course on smart Electric Grid

FEEDBACK FORM		Date: 28.9.2017			
Name	<i>Kamisetty Saikrishna</i>				
Register Number	<i>U1425016</i>				
Phone Number	<i>9082084042</i>				
Email address	<i>Saikrishna111@gmail.com</i>				
	Poor	Fair	Good	Very Good	Excellent
Overall Program					✓
Resource person				✓	
Audio visual aids & Technology used			✓		
Presentation Handouts				✓	

Kamisetty
Student's Signature



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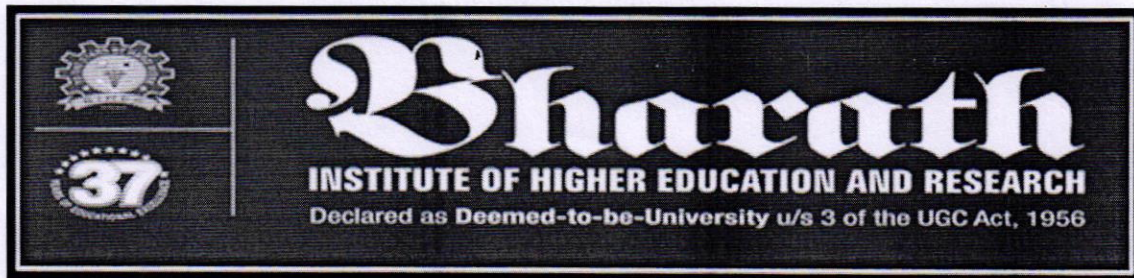
CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms KUNDAN KUMAR (U14EE018)

has attended Value added Course On “*Course on smart Electric Grid*” organized by the School of Electrical Engineering, BIHER conducted from 26.09.2017 to 28.09.2017.

COURSE COORDINATOR

CONVENOR



SCHOOL OF ELECTRICAL ENGINEERING

Course on smart Electric Grid dated on 26.09.2017, 27.09.2017 and 28.09.2017 conducted by school of Electrical Engineering

