



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.

Requisition Letter

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

Date: 10.6.18

To
The Dean Engineering,
Bharath Institute of Higher Education and Research,
Chennai

Respected sir

Subject : Request of Permission to conduct a value added course on **“Control of power converters using Digital Signal Processor”** -Reg

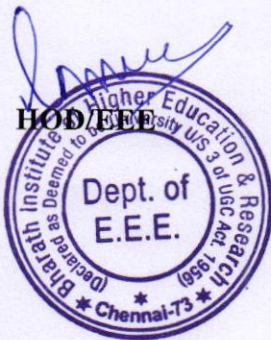
With reference to above subject, I would like to bring to your kind notice that, our department interested to organize value added course on **“Control of power converters using Digital Signal Processor”** in our campus premises on **4/7/2018**.

Mr. S.K. Mohamed Aslam, OHM Energy Management System Pvt Ltd, Chennai 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 : **9 am to 4 pm**

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



DEAN ENGINEERING



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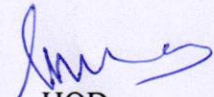
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SCHOOL OF ELECTRICAL ENGINEERING

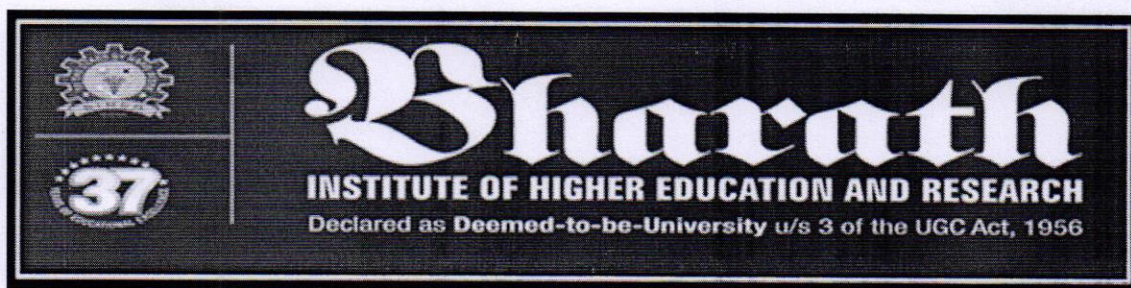
Date: 12.6.18

A value added course on “Control of power converters using Digital Signal Processor” is planned by the School of Electrical Engineering on 4/7/2018. In this regard, students are instructed to give their willingness and confirm their participation to their respective class in charge before 29.6.2018. Course commences on 24.07.2017 and it would be conducted for five days (4/7/2018 to 8/7/2018) from 9.00 AM to 4.00 P.M.




HOD

Copy to
Department of ECE
Notice Board/ Department of EEE



SCHOOL OF ELECTRICAL ENGINEERING

CONTROL OF POWER CONVERTERS USING DSP PROCESSOR

SCHEDULE

Contact Hours : 32 hrs

DATE	SESSI ON	Contact Hours	TOPICS	Resource person
4.7.2018	FN	9.00 am to 12.30 pm	Introduction to Digital Power Supply Design	Mr. S.K. Mohamed Aslam
	AN	1.30 pm to 4 pm	Hands on Training: Exploring the Development Environment Navigate CCS features Understand DPS library structure Generate and visualize PWM waveforms	Mr. S.K. Mohamed Aslam
5.7.2018	FN	9.00 am to 12.30 pm	Driving the Power Stage with PWM Waveforms Open-Loop System Block Diagram Generating PWM using the ePWM Module Power Stage Topologies and Software Library Support	Dr.T.R.Rangaswamy
	AN	1.30 pm to 4 pm	Hands on Training: PWM Generation / Open-Loop Control	Dr.T.R.Rangaswamy
6.7.2018	FN	9.00 am to 12.30 pm	Controlling the Power Stage with Feedback Closed-Loop System Block Diagram ADC Module Block Diagram Digital Control of Power Converter	Dr.S.Prakash

			High-Resolution PWM Benefits. Soft Start – Starting the Loop	
	AN	1.30 pm to 4 pm	Hands on Training: Closed-Loop Control	Dr.S.Prakash
7.7.2018	FN	9.00 am to 12.30 pm	Tuning the Loop for Good Transient Response Digital Power Supply Control Theory Intuitive Loop Tuning – “Visually without Math Active Load Feature of the Power EVM	Dr.S.P.Vijayaragavan
	AN	1.30 pm to 5 pm	Hands on Training: Tuning the Loop Multi-Loop Control.....	Dr.S.P.Vijayaragavan
8.7.2018	FN	9.00 am to 12.30 pm	Tl Digital Power Products C2000 Digital Signal Controller Family	Dr.V.Jayalakshmi
	AN	1.30 pm to 5 pm	Hands on Training: UCD9xxx Digital Power Controller Family	Dr.V.Jayalakshmi



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The following students attended Three days' workshop on "Control of power converters using Digital Signal Processor" On (4/7/2018 to 8/7/2018) conducted by OHM Energy Management System Pvt Ltd, Chennai Live wire Pvt Ltd, Chennai.

S.No	Register No	Name of the student	Signature of the Student				
			4.7.2018	5.7.2018	6.7.2018	7.7.2018	8.7.2018
1.	U15EE001	ADITYA RAJ	<i>Aditya</i>	<i>Aditya</i>	<i>Aditya</i>	<i>AB</i>	<i>Aditya</i>
2.	U15EE002	AMBATI VENKATA REDDY	<i>Ambar</i>	<i>Ambar</i>	<i>Ambar</i>	<i>Ambar</i>	<i>Ambar</i>
3.	U15EE003	ARUNAVA ROY	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>
4.	U15EE004	BACHU VENKAT SAI	<i>Bachu</i>	<i>Bachu</i>	<i>Bachu</i>	<i>Bachu</i>	<i>Bachu</i>
5.	U15EE005	BHARATHI TIPPAGIUDESE	<i>Bharathi</i>	<i>Bharathi</i>	<i>Bharathi</i>	<i>Bharathi</i>	<i>Bharathi</i>
6.	U15EE006	BHUMIREDDY OM SEKHAR REDDY	<i>Bhumireddy</i>	<i>Bhumireddy</i>	<i>Bhumireddy</i>	<i>Bhumireddy</i>	<i>Bhumireddy</i>
7.	U15EE008	DHANUSH B	<i>Dhanush</i>	<i>Dhanush</i>	<i>Dhanush</i>	<i>Dhanush</i>	<i>Dhanush</i>
8.	U15EE009	DUDEKULA ANWAR BASHA	<i>Anwar</i>	<i>Anwar</i>	<i>Anwar</i>	<i>Anwar</i>	<i>Anwar</i>
9.	U15EE010	EEGA RAMESH	<i>Ramesh</i>	<i>Ramesh</i>	<i>Ramesh</i>	<i>Ramesh</i>	<i>Ramesh</i>
10.	U15EE011	GODDUMARRI PRUTHVIRAJ	<i>Pruthi</i>	<i>Pruthi</i>	<i>Pruthi</i>	<i>Pruthi</i>	<i>Pruthi</i>
11.	U15EE012	GOWTHAM K	<i>Gowtham</i>	<i>Gowtham</i>	<i>Gowtham</i>	<i>Gowtham</i>	<i>Gowtham</i>
12.	U15EE013	HEMANT KUMAR SAHU	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>	<i>Hemant</i>
13.	U15EE014	JATAVATH SURESH	<i>Jatavath</i>	<i>Jatavath</i>	<i>Jatavath</i>	<i>Jatavath</i>	<i>AB</i>

14.	U15EE015	JAYANT KUMAR	fn	fn	fn	fn	fn
15.	U15EE001	ADITYA RAJ	Andu	Andu	Andu	Andu	Andu
16.	U15EE018	LOKESH KUMAR M	Lokesh	Lokesh	Lokesh	Lokesh	Lokesh
17.	U15EE019	MD ASIF	Asif	Asif	Asif	Asif	Asif
18.	U15EE020	MOHAMED GHIYASUDEEN J	gh	gh	gh	gh	gh
19.	U15EE021	MUTHUKUMARAN G	Muthu	Muthu	Muthu	Muthu	Muthu
20.	U15EE022	NANDAN KUMAR	Nan	Nan	Nan	Nan	Nan
21.	U15EE024	POTTA SYAM KUMAR	Syam	Syam	Syam	Syam	Syam
22.	U15EE025	PRAMOD KUMAR GHOSH	Pram	Pram	Pram	Pram	Pram
23.	U15EE026	PRASHANT KUMAR PANDEY	Prasen	Prasen	Prasen	Prasen	Prasen
24.	U15EE027	PUGAZANTHI A	Pugazanthi	Pugazanthi	Pugazanthi	Pugazanthi	Pugazanthi
25.	U15EE028	SENTHAMIL SELVAN K	Senthil	Senthil	Senthil	Senthil	Senthil
26.	U15EE029	SONU KUMAR SUMAN	Sonu	Sonu	Sonu	Sonu	Sonu
27.	U15EC502	KRITHIKA B	Kritika	Kritika	Kritika	Kritika	Kritika
28.	U15EC503	CHEEMALA MADHULIKA	Madhu	Madhu	Madhu	Madhu	Madhu
29.	U15EC504	TALLA PRAMOD KUMAR REDDY	Pram	Pram	Pram	Pram	Pram
30.	U15EC505	THOTA SRIHARI	Srihar	Srihar	Srihar	Srihar	Srihar
31.	U15EC506	RAYAPUREDDY PRANAY REDDY	Pram	Pram	Pram	Pram	Pram
32.	U15EC507	YALAMANCHI VENKATA SAI PRASAD	Venkat Sai	Venkat Sai	Venkat Sai	Venkat Sai	Venkat Sai
33.	U15EC508	PULICHARLA YUGANDHAR	Pulicherla	Pulicherla	Pulicherla	Pulicherla	Pulicherla
34.	U15EC509	NAVIN SANKAR S	Navin	Navin	Navin	Navin	Navin
35.	U15EC510	SRIRAM GANES S	Sriram	Sriram	Sriram	Sriram	Sriram
36.	U15EC511	GALLA BALAJI	Balaji	Balaji	Balaji	Balaji	Balaji

37.	U15EC512	VENKATA SATYA NAGA PAVAN SIVA KUMAR M	<i>Sn</i>	<i>Sn</i>	<i>Sn</i>	<i>Sn</i>	<i>Sn</i>
38.	U15EC514	PRAVEEN KUMAR S	<i>Pks</i>	<i>Pks</i>	<i>Pks</i>	<i>Pks</i>	<i>Pks</i>
39.	U15EC515	P NITHIN KRISHNA	<i>P. nith</i>	<i>P. nith</i>	<i>P. nith</i>	<i>P. nith</i>	<i>P. nith</i>
40.	U15EC516	THIRUKUMARAN R	<i>Thir</i>	<i>Thir</i>	<i>Thir</i>	<i>Thir</i>	<i>Thir</i>
41.	U15EC517	BARATH D	<i>Bhath</i>	<i>Bhath</i>	<i>Bhath</i>	<i>Bhath</i>	<i>Bhath</i>
42.	U15EC518	ALICATTA AVINASH	<i>Al</i>	<i>Al</i>	<i>Al</i>	<i>Al</i>	<i>-AB-</i>
43.	U15EC519	C BHARATHRAJ	<i>C. Bh</i>	<i>C. Bh</i>	<i>C. Bh</i>	<i>C. Bh</i>	<i>C. Bh</i>
44.	U15EC520	AKSHAY B	<i>Aksh</i>	<i>-AB-</i>	<i>Aksh</i>	<i>Aksh</i>	<i>Aksh</i>
45.	U15EC521	NAGA MEGASIVA VARDHAN REDDY	<i>vardh</i>	<i>vardh</i>	<i>vardh</i>	<i>vardh</i>	<i>vardh</i>

[Signature]
Signature of HOD



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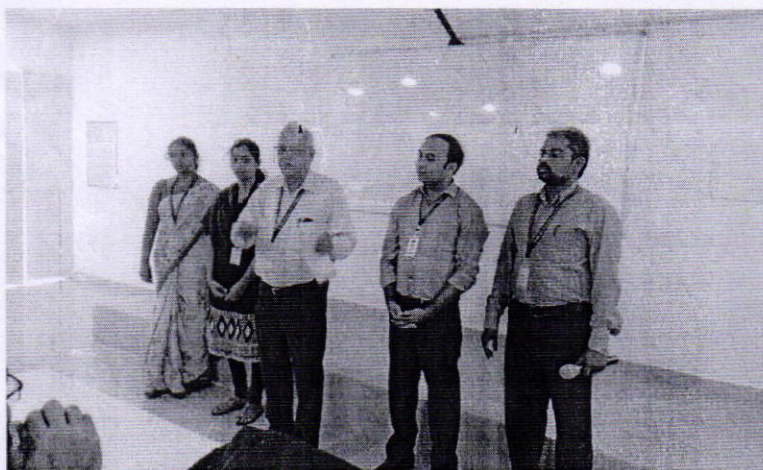
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DEPARTMENT OF ELECTRICAL AND ELECTRONICS

VALUE ADDED COURSES

2018-19

Value added course on “Control of power converters using Digital Signal Processor by Mr. S.K. Mohamed Aslam, OHM Energy Management System Pvt Ltd, Chennai on 4-7-2018





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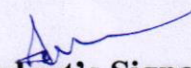
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VALUE ADDED COURSE - Control of power converters using Digital Signal Processor

FEEDBACK FORM					Date: 8/7/2018
Name	Adithya Raj				
Register Number	V15EE001				
Phone Number					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program				✓	
Resource person					✓
Audio visual aids & Technology used					✓
Presentation Handouts					✓


Student's Signature



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VALUE ADDED COURSE - Control of power converters using Digital Signal Processor

FEEDBACK FORM		Date: 8/7/2018			
Name	Vijayalakshmi Galla Rajesh				
Register Number	U15EC511				
Phone Number					
Email address					
	Poor	Fair	Good	Very Good	Excellent
Overall Program					✓
Resource person				✓	
Audio visual aids & Technology used					✓
Presentation Handouts					✓

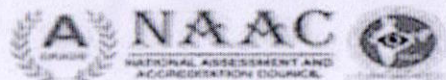
Galla Rajesh

Student's Signature



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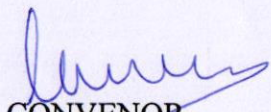
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CERTIFICATE OF PARTICIPATION

This is to certify that Mr / Ms **DHANUSH. P (U15EE008)**

has attended Value added Course On “*Control of power converters using Digital Signal Processor*” organized by the School of Electrical Engineering, BIHER conducted from **4/7/2018 to 8/7/2018**.


COURSE COORDINATOR


CONVENOR