



**CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**

Kokapet(Village), Gandipet, Hyderabad, Telangana-500075. www.cbti.ac.in



COMMITTED TO  
RESEARCH,  
INNOVATION AND  
EDUCATION

**44**  
years

3.3.2.1: Total number of workshops/seminars conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship and skills development year wise during last five years

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*P. Anand*

**Principal**  
Chaitanya Bharathi Institute of Technology  
(Autonomous)  
Gandipet, Hyderabad-500 075.

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

## **Report - Pep talk on 'The key role & Importance of entrepreneurship for a successful career in the present era'**

Entrepreneurship Development Cell (EDC), CBIT, is a student coordinated club supervised by experienced faculty members. The club helps the students to know about entrepreneurship and have an idea about startups.

As part of this, a Pep talk on 'The key role & Importance of entrepreneurship for a successful career in the present era'. Dr. Nikhil Chadwani, Cofounder of The Walnut School of Ideas, USA was the guest speaker.



A Pep talk on 'The key role & Importance of entrepreneurship for a successful career in the present era' by Dr. Nikhil Chadwani on 26.07.2017.

About 138 students had participated in the event.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

26-07-2017

1-DAY WORKSHOP - PARTICIPANTS LIST  
THE KEY ROLE AND IMPORTANCE OF ENTREPRENEURSHIP FOR A SUCCESSFUL CAREER IN THE  
PRESENT ERA

SNo.	Roll No.	Name of the Student	Department	Signature
1.	160114735075	S.RANYA SRI	ECE	S Ranya
2.	160114735082	J. SIRISHA	ECE	J Sirisha
3.	160116736302	A. Ranjeeth	MECH	A Ranjeeth
4.	160116736306	Ch. Prudhvi Raj	Mech.	Ch Prudhvi Raj
5.	160116736312	R. B. Shankar	Mech(FI)	R B Shankar
6.	160116736305	E. Karthik	mech(FI)	E Karthik
7.	160116736307	P. Shivakumara	Mech(FI)	P Shivakumara
8.	160115736302	M. Baba Ram	mech(FI)	M Baba Ram
9.	160115736058	Vivekanand	F.I	Vivekanand
10.	160116736311	K. KRISHNA JAMSHI	MEE	K Krishna
11.	160116736309	C-SAI TEJO	MEE-FI	C Sai Tejo
12.	160116736304	K. Pavan Kalyan	MEE-FI	K Pavan Kalyan
13.	160116802015	P. Sri Nanya Reddy	Chem	P Sri Nanya Reddy
14.	160116735006	P. Chinnmayee	ECE-E	P Chinnmayee
15.	160116735330	B. Sai Harish	ECE-3	B Sai Harish
16.	160116734112	Sandeep Parekh	EEE-2	Sandeep
17.	160116734102	P. Raja Reddy	EEE-2	P Raja Reddy
18.	160116734099	S. Harshitha Varma	EEE-2	S Harshitha Varma
19.	160116734110	P. Rohith	EEE-2	P Rohith
20.	160116734100	Karthik G	EEE-2	Karthik G
21.	160116734108	K. Ramdhare Reddy	EEE-2	K Ramdhare Reddy
22.	160116734095	T. Bharath	EEE-2	T Bharath
23.	160116734098	T. Harish	EEE-2	T Harish
24.	160116734103	Nithil	EEE-2	Nithil
25.	160116734105	A. Pouthvi Raj	EEE-2	A Pouthvi Raj
26.	160116734115	Sumanth	EEE-2	Sumanth
27.	160115735061	Sanjana	ECE-2	Sanjana
28.	160115735063	Y. Akanksha	ECE-2	Y Akanksha
29.	160115735072	Roshini B	ECE-2	Roshini B
30.	160115735109	R. Sai Akhil	ECE-2	R Sai Akhil

31. 160116802022 ✓

32. 160116802024

33. 160116802023

34) 160116736025

B. Chaitanya

T. Gopi

V. Chaitanya

Ch. Jagadish

chem-2 Chaitanya

chem-2 T. Gopi

chem-2 V. Chaitanya

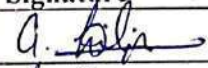



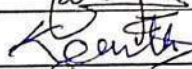
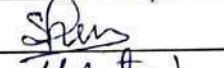
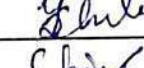
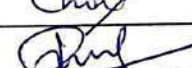

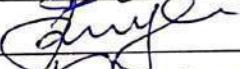


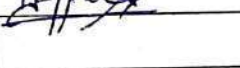
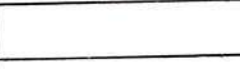

Mech-1 Jagadish

	<u>Rollno</u>	<u>Name</u>	<u>Dept</u>	<u>Signature</u>
35)	1601-16-738-006	Aishwarya J	Prod(3/4)	Aishf
36)	1601-16-733-320	M. Anil Kumar	CSE (2/4)	Anil
37)	1601-16-733-333	G. Shashi Kumar	CSE (2/4)	Shashi Kumar
38)	1601-16-733-332	N. Swasthika	CSE (2/4)	Swasthika
39)	1601-16-733-307	K. Rohith	CSE (2/4)	K. Rohith
40)	1601-16-733-326	S. Rohith	CSE (2/4)	S. Rohith
41)	1601-16-733-328	D. Rana	CSE (2/4)	D.R
42)	1601-16-733-325	D. Larman	CSE (2/4)	L
43)	1601-16-733-330	P. Sravan Kumar	CSE (2/4)	P. Sravan Kumar

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Entrepreneurship Development Cell (EDC)

26-07-2017

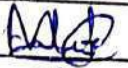
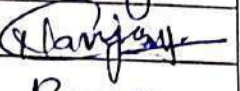
1-DAY WORKSHOP - PARTICIPANTS LIST  
THE KEY ROLE AND IMPORTANCE OF ENTREPRENEURSHIP FOR A SUCCESSFUL CAREER IN THE  
PRESENT ERA

SNo.	Roll No.	Name of the Student	Department	Signature
1.	160116736023	G. Dilip	mech-1	
2.	160116738026	T. Dharmesh	Prod	
3.	160116738025	Chandra kiran	Prod	
4.	160116737104	Revanth	IT-2	
5.	160116735109	T. Sai Vishwa Teja	E-2	
6.	160115736065	Keerthi Shravani	F-2 (3/4)	
7.	" 71	Shayista faraz	F-2 (3/4)	
8.	" 72	Shreshtha M.	F-2 (3/4)	
9.	" 81	Chiranjeevi	F2 (3/4)	
10.	" 103	Phaneendra Sai	"	
11.	" 105	Santhosh K.	"	
12.	" 87	Jayanth	"	
13.	" 88	Krishna Kaundinya	"	
14.	" 8c	Harshith B	"	
15.	1601-16-736-021	Daniel Peter	F-1 (2/4)	
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SNo.	Roll No.	Name of the Student	Department	Signature
1.	160115736092	B. Manibanda	Mech	
2.	160115736102	M. Sai Bhargav	Mech F2	Bhargav.
3.	160115736119	Vijay. V	Mech F2	
4.	160115736070	Paragya	Mech F2	Paragya.
5.	160115736066	Manasa	Mech F2	Manasa
6.	160115736073	Sowmya	Mech F2	Sowmya.
7.	160115736068	Shravya	Mech F2	Shravya.
8.	160115736220	Shravani Shetty.	Mech F2	Shravani
9.	160115736100	Ravi kiran	Mech F2	Ravi kiran.
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SNo.	Roll No.	Name of the Student	Department	Signature
1.	16016734057	P. Tharun	EEE	Tharun
2.	16016734104	Po Pranav	EEE	Po
3.	16016734039	Mukesh	EEE	Mukesh
4.	16016734319	A. Srikanth	EEE	A. Srikanth
5.	16016734318	K. Madhav	EEE	K. Madhav.
6.	16016734314	M. Rishikesh	EEE	M. Rishikesh.
7.	16016734321	B. Balram	EEE	B. Balram
8.	16016734114	G. Varun Sai	EEE	G. Varun Sai
9.	160114736046	Sk. Gulshan Mohiddin	MECH	Sk. Gulshan
10	160114736308	C. Prithvi Raj	MECH	C. Prithvi Raj
11		G. Rakesh Goud	EEE	G. Rakesh Goud
12	160116734049	G. Sai Sunayan	EEE	G. Sai Sunayan
13	160116734094	Balaji	EEE	Balaji
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15	160115736306	Ch. Pradeep Sagar	Mech FI	Ch. Pradeep Sagar
16	160116734029	Bala Krishna	EEE	Bala Krishna
17	160116734030	Bhargav	EEE	Bhargav
18	160116734100	Karthik	EEE	Karthik
19	160116734118	Sumanth A	EEE	Sumanth A
20	160116734115	Mani Kushwanth	EEE	Mani Kushwanth
21	160116734095	Bharath	EEE	Bharath
22	160115736307	P. Shivakumars	Mech FI	P. Shivakumars
23	160116733307	K. Rohith	CSE	K. Rohith
24	160116733306	S. Rohith	CSE	S. Rohith.
25	160116733325	D. Larman	CSE	D. Larman
26	160116733330	P. Sooras Kumar	CSE	P. Sooras Kumar
27	160116733328	D. Ron	CSE	D. Ron
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SNo.	Roll No.	Name of the Student	Department	Signature
1.	160115736088	D. Krishna KANNDIYA	Mech F2 (3/4)	KL
2.	160116738026	J. Dhanush	Prod	
3.	160115736087	K. Jayant	Mech F2 (3/4)	
4.	160116736061	Ahlada Ch.	MECH F2 (3/4)	Ahlada
5.	160116735129	DVR Madhumitha Pavan	ECE 3 (3/4)	Madhu
6.	160116802001	Anjanika	Chem (3/4)	
7.	160116802008	Nikhila L.	Chem (3/4)	Nikhila
8.	160116805031	V. Surya	Biotech (2/4)	V. Surya
9.	160116736021	Daniel Peter	Mech F1 (2/4)	
10	160115733065	D. Ananthika Shree	CSE-2 (3/4)	Ananthika
11	160115736071	SHAYISTA FARMAZ	Mech 2 (3/4)	
12	160115734008	V. Kalpana	EEE 1 (3/4)	
13	160115734022	A. Vaishnavi	EEE 1 (3/4)	A. Vaishnavi
14	160115737021	P.S.S Meghana	IT-1 (3/4)	Meghana
15	160116738044	A Sai Krishna Praneeth	Prod. (2/4)	A Sai Krishna
16	160116738036	Nitesh Kumar	Prod - (2/4)	Nitesh
17	160116736067	Pratyusha J.	Mech (2/4)	
18	160116736082	Deepak Sai Sushant	Mech (2/4)	Deepak
19	160116733149	A. Tejasvi	CSE-3 (2/4)	Tejasvi
20	160115736006	Eg. Ananya	Mech-1 (2/4)	
21	160115736003	Divya L	Mech-1 (3/4)	
22	160115736008	Ramani. D	Mech-1 (3/4)	
23	160114805035	T. Madharz	Biotech (2/4)	T. Madharz
24	160115805053	M. Krishnakanth	Biotech-3/4	
25	160116733109	Shivam Gupta	CSE-2/4	Shivam
26	160116736081	Bhargav	Mech-2/4	Bhargav
27	160116737072	Chola. Nikitha	IT-2 (2/4)	Chola
28	160116737074	M. Sai Divya	IT-2 (2/4)	M. Sai Divya
29	160115733333	K. Mahitha	CSE-3/4	Mahitha
30	160115733-331	T. Aishwarya	CSE-3/4	Aisha

(168)



160115-733-335	-	K. Kavya Sree	-	CSE $\frac{3}{4}$	-	Kavya
1601-15-733-327	-	K. Meghana	-	CSE $\frac{3}{4}$	-	Meghana
1601-15-733-145		P. Soumya	-	CSE $\frac{3}{4}$	-	P. <del>Soumya</del>
1601-15-736-322		S. Divya	-	Mech $\frac{3}{4}$	-	Divya
1601-15-736-063		Chandhini	-	"	-	Chandhini
1601-15-736-79		Bharath	-	"	-	Bharath
1601-15-736-323		Shrinisha	-	"	-	Shrinisha
1601-15-736-324		N. Amala	-	"	-	Amala
1601-15-736-321		G. Manjula	-	"	-	Manjula
1601-15-736-075		Srilatha	-	"	-	Srilatha

# 313  
 1601-15-735-015  
 1601-15-735-020  
 1601-15-733-031  
 1601-15-733-038

Praveka  
 Sharanya  
 Hemanth  
 G. Nichi

ECE  $\frac{3}{4}$   
 BCE  $\frac{3}{4}$   
 CSE  $\frac{3}{4}$   
 CSE-I  $\frac{3}{4}$   
 Praveka  
 Sharanya  
 H.K.  
 G. Nichi

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

## **Report on - One day workshop on “Jobs Vs Higher Studies Vs Entrepreneurship”**

Entrepreneurship Development Cell (EDC), CBIT, is a student coordinated club supervised by experienced faculty members. The motto of the entrepreneurship club is start up ideas. The club has a vision to pave a path towards ‘Entrepreneurial India’.

As part of this, a one day workshop on “Jobs Vs Higher Studies Vs Entrepreneurship” was conducted on 17-01-2018. In this programme following were the speakers:

- a) Sri A Vamsi Krishna FIXU
- b) Ms Sindhura Bora, Founder, Clense High
- c) A digital Marketing Expert from Facebook India
- d) Sr Praveen Dorna, Co Founder, Startup Byte
- e) Sri Prathan Kaudap, Co Founder & CEO, Wissenarie

180 students had participated in the event.

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

## **Report on - One day workshop on “Jobs Vs Higher Studies Vs Entrepreneurship”**

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

17-01-2018

SNo.	Roll No.	Name of the Student	Mail ID	Signature
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19.	160117765006	N. Vinod Kumar	namadivinodkumar@gmail.com	N. Vinod Kumar
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21.	160117765007	B. Yashwanth	bheemayashwanth94@gmail.com	B. Yashwanth
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Please write in block letters - certificates purpose.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

17-01-2018

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

SNo.	Roll No.	Name of the Student	Mail ID (No block)	Signature
1.	160116738040	M. RAHUL REDDY	rahulreddy127@gmail.com	Rahul
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5.	160116736015	AKHILESH KHADSE	akhileshkhadse@gmail.com	Akhil
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7.	160116738309	ABDUL SALMAN	abdulsalman1236@gmail.com	Salman
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19.	160117745107	B. Sneha		Sneha
20.	160117745108	Antur shukla	Antur.shukla195@gmail.com	A. Shukla
21.	160117745109	A Akharam Kumar Reddy		Akharam
22.	160117745110	MD. Ibrahimali Bhat	metecbit2017@gmail.com	Ibrahim
23.	160117745111	Mamnapalli Sreeranth	sreeranth10016@gmail.com	Sreeranth
24.				
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

17-01-2018

SNo.	Roll No.	Name of the Student	Mail ID	Signature
1.	160116736015	Akhilesh K	akhileshkhads0@gmail.com	
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6.	160116738035	MD. SARIK	Awesome.sarik007@gmail.com	
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8.	160116738036	Nitesh Kumar Reddy	niteshreddy247@gmail.com	
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10.	160116738027	Shetty Harsh	shettyharsh19k99@gmail.com	
11.	160116738047	Sanjeeth Reddy	Sanjeeth.gone9@gmail.com	
12.	160116738022	Anwar	bapatlanwar@gmail.com	
13.	160116738053	Vaishu Krishna	Essai.Engineer@gmail.com	
14.	160116736021	Daniel Peter	peter.dp@hotmail.com	
15.	160116738023	H. Bala Krishna Reddy	metkittu007@gmail.com	
16.	160116738040	M. Rahul Reddy	rahulmreddy127@gmail.com	
17.	160116738043	K. Sai Karthik	Saikarthik0090@gmail.com	
18.	160116738046	B. Sainath Reddy	sainathreddy1898@gmail.com	
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

17-01-2018

SNo.	Roll No.	Name of the Student	Mail ID	Signature
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3.	160116737003	Dixitha	kasturidixitha@gmail.com	Dixitha
4.	160116737004	Fahmida		
5.	160116737007	Haritha	d.harithachoudhary@gmail.com	Haritha
6.	008	Harshyathi	harshyathireddy@gmail.com	Harshyathi
7.	010	Khusbu		
8.	011	Khyati	khyatipolukonda4@gmail.com	Khyati
9.	015	Meghana	sreepathimeghana@gmail.com	Meghana
10.	016	Mithula Reddy	mithulareddy18@gmail.com	Mithula
11.	018	K. Nikitha	nikitha_reddy979@gmail.com	Nikitha
12.	019	B. Pallavi	reddypallavit@gmail.com	B. Pallavi
13.	020	Pranavi	Pranavimantala@gmail.com	Pranavi
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Please write in block letters - Certificate purpose.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

17-01-2018

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**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)**  
**Entrepreneurship Development Cell (EDC)**

**JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP**

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6.	160116733098	Navneeth		
7.	1601167330110	Sujith		
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

JOBS VS HIGHER STUDIES VS ENTREPRENEURSHIP

17-01-2018

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3.	160116733003	Teevana	Teevanadurai@gmail.com	Teevana
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10.	160116733046	Sahas	Sahas26@gmail.com	Sahas
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19.	160116733038	Nikith	inikith1996@gmail.com	Nikith
20.	160116733048	Sagar	SaiSagar071998@gmail.com	Sagar
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23.	160116733023	Anisudh	gajjabainidh@gmail.com	Anisudh
24.	160116733041	pradeep Chauhan	pradeep122@gmail.com	pradeep
25.	160116733056	Sriteja		
26.	160116733058	B.suchandra	suchendranathz@gmail.com	
27.	160116733055	Nihanth	nihanth876@gmail.com	Nihanth
28.	1601167330			
29.	16011673303			
30.	160116733043	Kedar		

- 31) 160116733059 Niyaz  
 32) 160116733054 Sidarth  
 33) 160116733083 Lohith  
 34) 160116733091 Harikaran  
 35) 160116733110 Sujith

Total 164

36) 160116 733077	Vinutha Reddy
37) 1601167 33072	Sakshi
38) 160116733092	Harsha
39) 160116733081	Jaahnavi

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

## **Seminar report**

Entrepreneurship Development Cell (EDC), CBIT, is a student coordinated club supervised by experienced faculty members. The motto of the club is Entrepreneur 'rising' ideas. The club has a vision to pave a path towards 'Entrepreneurial India'.

As part of this, a Seminar on Manufacturing, Supply Chains - Trends and Research Scope was conducted on 09-01-2018. The speaker was Prof Nagendra Nagarur, Industrial Engineering from Binghamton University. He has enlightened students about the recent trends and the future scope in Manufacturing and Supply Chain Management. 180 under graduate and post graduate students had participated in the programme.

CIRCULAR

Entrepreneurship Development Cell (EDC) of CBIT is organising a Seminar on "Manufacturing, Supply Chains - Trends and Research Scope" & "Scope for Graduate studies & Research studies at Binghamton University" on 09.01.2018 at 11.30a.m. in the Main Seminar Hall for all the UG & PG students. Sri Nagendra Nagarur, Professor of Industrial Engineering, Binghamton University, is the Guest Speaker for this session. Hence, all the interested students are advised to attend the said programme. For further information in this regard, contact Dr. P. Prabhakar Reddy, Prof., Dept. of Mech. Engg. on his mobile 9885468253 and Ms. V. Sandhya, Asst. Prof., Dept. of Mech. Engg. on her mobile : 9701540189.

6/1/18  
PRINCIPAL

To  
All the Heads of the Departments for information & with a request to arrange for circulation among the UG & PG students under their control.  
All Deans, AO, Co-ordinator-IQAC, COE & I/C-AEC for information.  
Circulation to all the students.

S.No.	Name of the Dept.	Year	Year	Year	Year
1.	Chem.Engg.	1/4	2/4	3/4	4/4
2.	Civil Engg. (A1)	1/4	2/4	3/4	4/4
3.	Civil Engg. (A2)	1/4	2/4	3/4	4/4
4.	CSE (C1)	1/4	2/4	3/4	4/4
5.	CSE (C2)	1/4	2/4	3/4	4/4
6.	CSE (C3)	1/4	2/4	3/4	4/4
7.	IT (H1)	1/4	2/4	3/4	
8.	IT (H2)	1/4	2/4	3/4	4/4
9.	ECE (E1)	1/4	2/4	3/4	4/4
10.	ECE (E2)	1/4	2/4	3/4	4/4
11.	ECE (E3)	1/4	2/4	3/4	4/4
12.	FRE (E1)	1/4	2/4	3/4	4/4
13.	FRE (E2)	1/4	2/4	3/4	4/4
14.	Bio-Tech.	1/4	2/4	3/4	4/4
15.	Mech. Engg. (M1)	1/4	2/4	3/4	4/4
16.	Mech. Engg. (M2)	1/4	2/4	3/4	4/4
17.	Prod. Engg.	1/3	2/3	3/3	
18.	MCA	1/2	2/2		
19.	MBA	1/2	2/2		
20.	M.Tech (CSE)	1/2	2/2		
21.	M.Tech (IT) (CNIS)	1/2	2/2		
22.	M.E (Civil) (Structures)	1/2	2/2		
23.	M.E (Civil) (EQ)	1/2	2/2		
24.	M.E (ECE) (Comm. Engg.)	1/2	2/2		
25.	M.E (ECE) (PS&VLSI)	1/2	2/2		
26.	M.E (Mech) (CAD-CAM)	1/2	2/2		
27.	M.E (Mech) (Thermal Engg.)	1/2	2/2		
28.	M.E (EEE) (PS&PE)	1/2	2/2		

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

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Seminar on "Manufacturing, Supply Chains- Trends & Research" and "Scope for Graduate studies & Research studies at Binghamton University"

09-01-2018

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2.	16011473600B	Sana Sultana	Mechanical	Sana Sultana
3.	160114736001	Aashaya Ran	Mechanical	Aashaya
4.	160114736037	Rajachukas	Mechanical	Rajachukas
5.	160114736055	Venkatesh	" "	Venkatesh
6.	160114736020	Ashith	" "	Ashith
7.	160114736076	AKHIL-G	" "	AKHIL
8.	160114736044	Sai Rohit-J	" "	Sai Rohit
9.	160114736054	P. V. S. TARUN REDDY	" "	Tarun Reddy
10.	002	manasa	" "	Manasa
11.	009	sowmya	" "	Sowmya
12.	010	veera	" "	Veera
13.	011	santhi gopika	" "	Santhi
14.	310	sanali	" "	Sanali
15.	307	rupa	" "	Rupa
16.	309	spoorthi	" "	Spoorthi
17.	311	areena	" "	Areena
18.	713	Thejaswini	" "	Thejaswini
19.	6	prityanka	" "	Prityanka
20.	36	praveen	" "	Praveen
21.	1601-17-745-101	Mansohit Prasad	ME-Thermal	Mansohit
22.	" 108	Ankur Shukla	" "	Ankur
23.	" 109	A. Abhinav Kumar Reddy	" "	Abhinav
24.	1601-17-745.001	Sadia Alwi	ME-CAD/cam	Sadia
25.				
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Seminar on "Manufacturing , Supply Chains- Trends & Research " and "Scope for Graduate studies & Research studies at Binghamton University"

09-01-2018

SNo.	Roll No.	Name of the Student	Department	Signature
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4.	160114736111	A. shiva kumar	Mech	shiva
5.	160114736319	M. Vinod	Mech	vinod
6.	160114736113	S. Uday	Mech	Uday
7.	160114736086	R.P. Gayendhan	Mech	Gayendhan
8.	160114738058	YASH AGARWAL	PROD	Yash
9.	160114789020	Anmay	PROD	Anmay
10.	160114738023	Chiranjeev	PROD	Chiranjeev
11.	160114738037	Swarna	PROD	Swarna
12.	160114738031	Idhis M	PROD	Idhis M
13.	160114738028	Karthik	Prod	Karthik
14.	160114738312	vanshi	"	vanshi
15.	16011473834		"	
16.	1473849	Srinivasan	"	Srinivasan
17.	1473857			
18.	14738307	Kranthi	"	Kranthi
19.	1473838	Ram Babu	"	Ram Babu
20.	1373859	S. VINIY REDDY	"	S. VINIY REDDY
21.	14738306	P. AVINASH	PROD	P. AVINASH
22.	14738509	V. Karthik	Prod	V. Karthik
23.	" 311	R. Gayendhan	Prod	R. Gayendhan
24.	" 045	Y. Sarath chandra	Prod	Y. Sarath chandra
25.	" 002	T. Anshwara	Prod	T. Anshwara
26.	160114738005	V. G. Prateesha	Prod	V. G. Prateesha
27.	" 008	Rupali	"	Rupali
28.	033	Phani	"	Phani
29.				
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

MECH F2  
154

Seminar on "Manufacturing, Supply Chains- Trends & Research" and "Scope for Graduate studies & Research studies at Binghamton University"

09-01-2018

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3.	-066	G. Mahathi	"	<i>Mahathi</i>
4.	-069	Krupa	"	<i>Krupa</i>
5.	-073	Silekha	"	<i>Silekha</i>
6.	-074	Shruthi	"	<i>Shruthi</i>
7.	-922	Prasanna	"	<i>Prasanna</i>
8.	-323	Ghanshi	"	<i>V. Ghanshi</i>
9.	-081	Anvesha	"	<i>Anvesha</i>
10.	-097	P. Pawan Kumar	"	<i>Pawan</i>
11.	-314	Vijay Sankaranapally	"	<i>Vijay</i>
12.	-115	V. Srikanth	Mech 2	<i>Srikanth</i>
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Seminar on "Manufacturing , Supply Chains- Trends & Research " and "Scope for Graduate studies  
& Research studies at Binghamton University"

09-01-2018

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3.	303	M. Soavan Kumar	"	Soavan
4.	047	D. Shashath Chandra Reddy	"	Shashath
5.	308	Prithvi	"	Prithvi
6.	30	Sai Kumar DMV	"	Sai
7.	23	Gopi		Gopi
8.	45	Sk- Akhil		Akhil
9.	302	Kiran Kumar		Kiran
10.	305	Snehit		Snehit
11.	31	Naveen		Naveen
12.	29	Unair		Unair
13.	53	Uday		Uday
14.	57	Vineeth		Vineeth
15.	22	Geeth Raj		Geeth Raj
16.	21	Bhuvan		Bhuvan
17.	37	Raju		Raju
18.	52	Maivaj		Maivaj
19.	39	Dheeraj		Dheeraj
20.	24	Kireeti		Kireeti
21.	40	Sai Krishna		Sai Krishna
22.	46	Gulshan		Gulshan
23.	15	Abhishek		Abhishek
24.	1601-11-736-052	N. Sri sai charith	mech-1	charith
25.	1601-14-736-312	N-Sai Krishna	"	Sai Krishna
26.	1601-14-736-306	TANVEER AHMED	Mech-1	Tanveer
27.				
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Entrepreneurship Development Cell (EDC)

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Seminar on "Manufacturing , Supply Chains- Trends & Research " and "Scope for Graduate studies  
& Research studies at Binghamton University"

09-01-2018

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3.	1601-14-736-315	Ghansham chandua	Mechanical	(R) G. Chandua
4.	1601-14-736-080	P. Anurag	Mechanical	P. Anurag
5.	1601-14-736-117	M. TARUN	"	Tarun
6.	1601-14-736-118	S- TEJESHWAR	"	Tejeshwar
7.	1601-14-736-104	Charvath	mech2	Charvath
8.	1601-14-736-105	Sai Kiran	mech2	Sai Kiran
9.	1601-14-736-107	E-Sai Nithin Reddy	mech2	Nithin Reddy
10.	1601-14-736-106	K. Sai Laksh.	Mech 2	Sai Laksh
11.	1601-14-736-096	Nelson Raj	"	Nelson Raj
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Seminar on "Manufacturing , Supply Chains- Trends & Research " and "Scope for Graduate studies  
& Research studies at Binghamton University"

09-01-2018

SNo.	Roll No.	Name of the Student	Department	Signature
1.	160114736119	B. Venkata Krishna Reddy	Mech	
2.	160114736120	B VIKRAM KUMAR	Mech	
3.	160114736316	Mohana Raja Jai sai	Mech	
4.	160114736116	B.T.S.R. Milind Reddy	Mech	
5.	160114736119	I. Sankanth	Mech	
6.	160114736082	M. Aswin Kumar	mech	
7.	160114736084	Dhyusyanti	mech	
8.	160114736085	Eshwar	mech	
9.	160114736093	mahesh	mech	
10.	160114736106	lokesh	mech	
11.	160114736103	Rama krishna.	mech	
12.	160114736077	P. Akhil	Mech	
13.	160114736324	Rambabu	Mech	
14.	160114736317	Megaramth	Mech	
15.	160114736315	Mohsin	Mech	
16.	160114736320	Sridhar	mech	
17.	160114736122	.	mech	.
18.	16011473679	Anish	mech	
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Dr Prabhakar Reddy presenting momento to Prof Nagendra Naga  
Engineering, Binghamton University on 09-01-2018

ur, Industrial

# **CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)**

## **Awareness Programme on “ National Entrepreneurship Network” report**

### **DEPARTMENT OF MECHANICAL ENGINEERING**

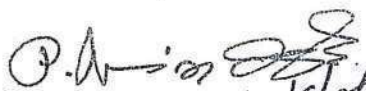
Entrepreneurship Development Cell (EDC), CBIT, is a student coordinated club supervised by experienced faculty members. The motto of the club is Entrepreneur 'rising' ideas. The club has a vision to pave a path towards 'Entrepreneurial India'.

As part of this an entrepreneurship awareness programme on “National Entrepreneurship Network” was conducted on 17-08-2017 at 1:00pm. The speaker was Mr. Vikram Mishra. He has enlightened students about entrepreneurship and its impact on the society. Around 140 students from II and III year had participated in the programme.

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A), HYDERABAD-75  
No. CBIT/Admn./297/2017 Dt.16.08.2017

CIRCULAR

Entrepreneurship Development Cell (EDC) of CBIT is organising an awareness programme on "National Entrepreneurship Network" on 17.08.2017 at 1.00p.m. in the Main Seminar Hall for 2/4 and 3/4 BE / B. Tech. students. Hence, all the interested students of 2/4 & 3/4 BE / B. Tech. are advised to attend the said programme. For further information in this regard, contact Dr. P. Prabhakar Reddy, Prof., Dept. of Mech. Engg. on his mobile 9885468253 and Ms. V. Sandhya, Asst. Prof., Dept. of Mech. Engg. on her mobile : 9701540189.

  
PRINCIPAL 16/8/2017

To  
All the Heads of the Departments for information & with a request to arrange for circulation among the 2/4 & 3/4 BE / B. Tech. students under their control.  
All Deans, AO, Co-ordinator-IQAC, COE & I/C-AEC for information.

Circulation in all the class rooms.

S.No.	Name of the Dept.	Year	Year
1.	Chem.Engg.	2/4	3/4
2.	Civil Engg. (A1)	2/4	3/4
3.	Civil Engg. (A2)	2/4	3/4
4.	CSE (C1)	2/4	3/4
5.	CSE (C2)	2/4	3/4
6.	CSE (C3)	2/4	3/4
7.	IT (H1)	2/4	3/4
8.	IT (H2)	2/4	3/4
9.	ECE (E1)	2/4	3/4
10.	ECE (E2)	2/4	3/4
11.	ECE (E3)	2/4	3/4
12.	EEE (D1)	2/4	3/4
13.	EEE (D2)	2/4	3/4
14.	Bio-Tech.	2/4	3/4
15.	Mech. Engg. (M1)	2/4	3/4
16.	Mech. Engg. (M2)	2/4	3/4
17.	Prod. Engg.	2/4	3/4

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	1601-14-736-310	D. Ravali	Mech	Ravali
2.	1601-14-736-007	M. Saikruthi	Mech	Saikruthi
3.	1601-14-736-006	K. Priyanka	Mech	Priya
4.	1601-14-736-010	M. Sree Veena	"	Veena
5.	-009	G. Soumya	"	Soumya
6.	-005	K. Priyanka	"	Priyanka
7.	160116738-058	Vikram	prod	Vikram
8.	160116738-004	Girija	prod	Girija
9.	160116738-025	K. Chandra Kisan Reddy	Prod	K. Chandra
10.	160116738026	J. Dhenuk	Prod	J. Dhenuk
11.	160114736004	B. Pramita	Mech	Pramita
12.	160114736001	Aashraya Ran	"	Aashraya
13.	160114736008	Saha Sultana	"	Saha
14.	1601-14-736-307	K. Rupa	Mech	K. Rupa
15.	160114736311	B. Aruna	Mech	Aruna
16.	160114736032	N. Sai Krishna	mech	Sai
17.	015	J. Abhishek		Abhishek
18.	011	G. Swathi Gopika	mech	Swathi
19.	03	Manogna	mech	Manogna
20.	02	manasa	"	manasa
21.	86	praveen	"	Praveen
22.	39	Sai Dheeraj		Sai Dheeraj
23.	57	Veneeth	"	Veneeth
24.	40	D. Sai Krishna	"	Sai
25.	47	Sharath Reddy	"	Sharath
26.	52	G. Mairaj	"	Mairaj
27.	17	Anul	"	Anul
28.				
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	1601-14-736-302	G. Kisan Kumar	Mech F1	
2.	1601-14-736-306	<del>G. K</del> M.D. Tanveer	Mech F1	
3.	1601-16-738-002	K.B. Lakshmi Prasanna	Prod - 2/4	
4.	1601-16-738-008	Nandana CH	Prod - 2/4	
5.	1601-16-738-004	J. Sowmya	Prod - 2/4	
6.	1601-16-738-018	M. Akhil	"	
7.	1601-16-738-023	Prithvi Sai	"	
8.	1601-16-738-054	Drishya	"	
9.	1601-16-738-001	V. Amulya	"	
10.	1601-16-738-310	S. Chandrashekar	"	
11.	1601-16-738-307	L.C. Bhanu Teja	Prod - 2/4	
12.	1601-16-738-037	J. Prabhakar	"	
13.	1601-16-738-039	T. Prashanth	"	
14.	1601-16-738-302	K. Uday Kumar	"	
15.	1601-16-736-100	D. Peter Paul	Mech - 2/4	
16.	1601-16-736-115	E. Vikas Kumar	"	
17.	1601-16-736-112	T. Uday Surya	"	
18.	1601-16-736-114	Shashitha	"	
19.	1601-16-736-111	Sumith	"	
20.	1601-16-736-098	Pavan Kalyan	"	
21.	1601-16-736-089	MAHENDAR	"	
22.	1601-16-736-096	JEEHWANTH	"	
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
 Entrepreneurship Development Cell (EDC)

17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
 NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	1601-14-736-055	Venkatesh Prasad . G	Mech-1	
2.	1601-14-736-044	Sai Rohit . J	"	
3.	" " " - 054	PVS Tarun Reddy	"	
4.	1601-11-736-052	N.sri sai charith	Mech-1	charith
5.	1601-14-736-308	C PRITHVI RAJ	Mech-1	
6.	1601-14-736-27	Mohesh Reddy	"	
7.	160114736033	Naren Sai Reddy	"	
8.	160114736304	M.Reranth	"	
9.	160114736033	G.Nithin Kumar	"	G. Nithin Kumar
10	1601147360303	M. Sravan Kumar	"	M. Sravan Kumar
11	160114736046	Sk. Gulshan Mohiddin	"	
12	160114736205	Ch. Snehitha	"	
13	160114736016	G. Akhil Reddy	"	
14	160114736045	SK-ARHIL	"	
15	11 31	K Naveen	"	
16	25	Vamsi	"	
17	34	Pranav	"	
18	50	Surya	"	
19	56	Vikas	"	
20	59	Vivek	"	
21	60	Yuvraj	"	
22	30	Sai Kumar	"	
23	22	Geethraj	"	
24	23	Gopi Krishnan	"	Gopi
25	24	Krishna kireethi	"	Kethi
26	38	Raviteja	"	Ravi
27	49	Sujeeth	"	Sujeeth
28	39	Dheeraj	"	Dheeraj
29	21	Bhuvan	"	Bhuvan
30	53	Uday	"	Uday

160114736301

Satish . D

"

Satish

16011473629

Umar

"

Umar

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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	1601-16-736-106	K. Deepak Reddy	MECH-2/4	<i>Deepak</i>
2.	1601-16-736-109	Shashank Masireddy	MECH-2/4	<i>Masireddy</i>
3.	1601-16-736-76	Mohiyeth Prakash	MECH-2/4	<i>Mohiyeth</i>
4.	1601-16-736-91	M. Jaimail Baig	MECH-2/4	<i>Jaimail</i>
5.	1601-16-736-83	Cawar Croyal	MECH-2/4	<i>Cawar</i>
6.	1601-16-736-99	Akhil Sai	MECH-2/4	<i>Akhil</i>
7.	1601-16-736-66	Pranavathmita	MECH-2/4	<i>Pranavathmita</i>
8.	<del>1601-16-736-008</del>			
9.	1601-16-738-052	Uttam Vijay Wargiya	Prod-2/4	<i>Uttam</i>
10.	1601-16-738-094	Praneeth S.K.	Prod-2/4	<i>Praneeth</i>
11.	1601-16-736-081	Bhargav	Mech-2/4	<i>Bhargav</i>
12.	160116736086	Jeshwanth	Mech-2/4	<i>Jeshwanth</i>
13.	160116736088	Mahendhar	Mech-2/4	<i>Mahendhar</i>
14.	160116736087	Kiran	mec-2/4	<i>Kiran</i>
15.	160116736107	Sairam	mec-2/4	<i>Sairam</i>
16.	160116736080	Bhanu prakash	mec-2/4	<i>Bhanu</i>
17.	160116736117	Sumith	mec-2/4	<i>Sumith</i>
18.	160116736070	Saipriya	mec-2/4	<i>Saipriya</i>
19.	160116736068	Rashmi	Mech-2/4	<i>Rashmi</i>
20.	160116736069	Sathish	Mech-2/4	<i>Sathish</i>
21.	160116736064	Kaya Sreerak	Mech-2/4	<i>Kaya</i>
22.	160116736076	Navya Reddy	Mech-2/4	<i>Navya</i>
23.	160116738013	Sindhuje	Prod-2/4	<i>Sindhuje</i>
24.	160116738010	Rajasree	Prod-2/4	<i>Rajasree</i>
25.	160116738015	Hannitha	Prod-2/4	<i>Hannitha</i>
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
 Entrepreneurship Development Cell (EDC)

17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
 NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	1601-16-738-009	E. Purnima	Prod. 2/4	
2.	1601-16-738-032	S. Koushik	"	
3.	1601-16-738-007	M. Meghana	"	
4.	1601-16-738-060	B. Rukmangatha Reddy	Prod 2/4	
5.	1601-16-738-059	B. Veshnu Vardhan Reddy	Prod -2/4	
6.	1601-16-738-015	Vundela Vidya Sree	Prod-2/4	Vidya Sree
7.	1601-16-738-006	J. Lakshmi Ashwarya	Prod 2/4	
8.	160116738036	B. Praneeth D Lth	prod 2/4	
9.	160116738041	G. Sai Charan	prod 2/4	G. Saicharan
10.	160116738021	Anil Naidu	prod 2/4	Anil
11.	160116738031	M. Kishore Kumar	prod 2/4	
12.	160116738033	Krupakar Reddy	prod 2/4	
13.	160116738019	Akash	prod 2/4	
14.	160116738050	Shiva	prod 2/4	
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CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY (A)  
Entrepreneurship Development Cell (EDC)

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17-08-2017

AWARENESS PROGRAMMEE - PARTICIPANTS LIST  
NATIONAL ENTREPRENEURSHIP NETWORK

SNo.	Roll No.	Name of the Student	Department	Signature
1.	160116736082	Deepak sai reushant	Mech-2	DeLLS
2.	160116736067	prathyusha	Mech-2	P. S. S.
3.	160116736102	ch. Rahul vinny	Mech-2	Pahul
4.	160116736104	Rishikesh Reddy. M	Mech-2	R. S.
5.	160116736105	Yobith Reddy. J	Mech-2	Yobith
6.	160116736071	Saniya farheen	Mech-2	Saniya
7.	160116736062	Anurha	Mech-2	Anurha
8.	160116736113	D. Varadhar	Mech-2	Varadhar
9.	160116736108	V Sai Ram Goud	Mech-2	V. S. R. G.
10	160116736061	Ahlada Ch.	MECH-2	Ahlada
11	160116736074	Spoorthy Sree	"	Spoorthy
12	160116736116	D. Vinay	"	D. Vinay
13	160116736073	Shravya	"	Shravya
14	160116736103	Raja sahekar	"	Raja
15	160116736119	N. Ushat Vajdhan	"	N. Ushat
16	160116736095	Naveen	"	Naveen
17	160116736075	Surekha	"	Surekha
18	160116736063	Himalaya	"	Himalaya
19	160116736315	Nishanjan	"	Nishanjan
20	160116736090	Mubashir	"	Mubashir
21	89	Manish	"	Manish
22	85	Hemanth	"	Hemanth
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# **Workshop on SIMULATION of POWER ELECTRONIC CONVERTERS**

26<sup>th</sup>-28<sup>th</sup> Feb 2018

## **OBJECTIVE OF THE WORKSHOP**

It is needless to say that concepts of engineering can be visualized by hardware experimentation where as simulation complements it. As a result the simulation has figured a prominent place not only in academics (as a course in the curriculum) but also in research in engineering. Software tools excel in the design of engineering applications such as electrical circuits, control systems, electric drives control, power systems and power of professionals in this arena. In order to cater to the above needs the Department of EEE, CBIT has decided to organize series of workshops to train the needy and deserved. As a debut the emphasis is on power converters.

## **PROGRAM OUTCOME**

Outcome of the workshop is that the participants will acquire the competency in conducting simulation studies, innovations and knowledge necessary to understand and develop efficient, cost effective and reliable power converters. The students can upgrade the knowledge and skills in the area of Power Electronics and their simulations.

## **TECHNICAL COMMITTEE**

1. Dr.K.Krishna Veni
2. Dr.P.V.Balasubramanyam
3. Sri.D.Harsha
4. Sri.N.Santosh Kumar
5. Sri.I.Kumar
6. Sri.K.Mallesh

## **STUDENT ORGANISERS:**

1. P.Vinay Mathew
2. D.Varun Raj



## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY

(Autonomous) Gandipet, Hyderabad - 500075

### DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Three Day workshop on

Simulation of Power Electronic Converters- SPEC -18

26<sup>th</sup>-28<sup>th</sup> Feb 2018

Date: 26/02/2018

#### PROGRAM SCHEDULE

- 10:15 AM: Inviting the **Dignitaries** on to the Dais by the host
- 10:18 AM: Lighting of the lamp.
- 10:20 AM: Invocation by **Ms. Spoorthy & Ms. Divya Sai**
- 10:22 AM: Introduction of Chief Guest by **Ms. Vyshavi**
- 10: 25 AM: About the **Institution** by **Principal - Dr. Ravinder Reddy**
- 10:27AM: About the **Department** by **HOD EEE - Dr.P.V.Prasad**
- 10:30 AM: About the **Workshop** by **Coordinator- Dr.T.Murali Krishna**  
AsstProf. EEE Dept.
- 10:33 AM: **Inaugural address** by **Chief Guest- Dr. P.V.Rajgopal**  
AGM (Rtd.), BHEL R&D, Hyderabad.
- 10:45 AM: Mementos Presentation.
- 10:50 AM: **Vote of thanks** by **Coordinator-Sri. N.Santosh Kumar**  
AsstProf. EEE Dept.
- 11:00 AM: Tea Break
- 11:15 AM: Assemble in LAB-3 3<sup>rd</sup> floor Placement Cell.
- 11:30 AM: Session Starts.



**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**  
(Autonomous) Affiliated to Osmania University



DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING  
Organizing  
"SPEC - 2018"

Three day Workshop on  
"SIMULATION of POWER ELECTRONIC CONVERTERS"  
26<sup>th</sup> - 28<sup>th</sup> Feb 2018

**REGISTERED PARTICIPANTS LIST**

S.no	Name Of The Student	Organization	Mobile No	email id
1	V. Sai Krishna	CBIT	8501950121	varakalasaikrishna@gmail.com
2	P. Girish	CBIT	9959919342	girishpagadala29@gmail.com
3	S. Pruthvi Chandra	CBIT	9494260999	pruthvichandra369@gmail.com
4	M. Shashidhar	CBIT	9704049158	mshashidhar1@gmail.com
5	CH. SaiTeja	CBIT	7386112710	chandupatlasaiteja369@gmail.com
6	A.VijayVenkat	CBIT	9177135809	vijayvenkatachi@gmail.com
7	M. Sharath	CBIT	9515702812	sharath.macha9@gmail.com
8	M. Pravalika	CBIT	7893059365	muthincnipravalika@gmail.com
9	Ayesha Farheen	CBIT	8341551818	ayeshafarheen4242@gmail.com
10	B. Nithin	CBIT	8008782081	badenithin@gmail.com
11	A.Laxman	CBIT	9640184750	alaxman033@gmail.com
12	B. Rahul	CBIT	9154916913	rahul.b.jnv@gmail.com
13	M. Spoorthy	CBIT	9866768464	spoorthym15@gmail.com
14	N. VikasKiran	CBIT	9063601997	vikasnadikuda@gmail.com
15	N. DivyaSai	CBIT	7416580157	divyasainemmani@gmail.com
16	D. Sirisha	CBIT	9951795091	sirishadhanavath@gmail.com
17	R. Bhagya Sri	CBIT	7702722748	r.bhagyasri1997@gmail.com
18	CH. Hyndhavi	CBIT	8885377725	hyndhavichava5@gmail.com

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19	G. Akash	CBIT	9133242234	akashgunti@gmail.com
20	V. Manasa	CBIT	9951599951	manasavugge426@gmail.com
21	V.Chandana	CBIT	7386912912	vchandanaa@gmail.com
22	D. Soumya	CBIT	9666307200	dudkasoumya1@gmail.com
23	CH.Supriya	CBIT	9491700694	supriya8chintala@gmail.com
24	G. Bhagya Sri	CBIT	8686176633	bhagvasri96.bs@gmail.com
25	K. Srinija Reddy	CBIT	7386430082	kamathamsrinijareddy@gmail.com
26	G. Vaishnavi	CBIT	8142447279	vaishnavig1997@gmail.com
27	R. Haritha	CBIT	9515733819	rachuriharitha@gmail.com
28	B. Ghanatha	CBIT	9701101149	ghanathabojugan@gmail.com
29	M. SaiShashank	CBIT	7032250488	maganathsaishashank@gmail.com
30	P.VijayaBhargavaPhaniDutt	CBIT	9704113673	phanidutt047@gmail.com
31	B. Vishwamithra	CBIT	8331956827	mithra.bagam@gmail.com
32	P. Sriresh	CBIT	7396527735	srireshpulluri111@gmail.com
33	CH. SoumicSai	CBIT	8897620048	csoumicai@gmail.com
34	K. Rajesh	CBIT	9866496708	kalasarajesh566@gmail.com
35	M. Manikanth	CBIT	8333978461	imadi39@gmail.com
36	V. Vaishnavi	CBIT	9515396450	vaishnavi.vcdnala@gmail.com
37	M. Harshu	CBIT	9618712735	malluharshu11@gmail.com
38	G. Prashanth	CBIT	9542982686	gadapakaprashanth8@gmail.com
39	Yousuf	CBIT	9603603682	yousuf122786@gmail.com
40	K. Asrita	CBIT	9515739794	asrita08@gmail.com
41	K. Tejaswi Reddy	CBIT	8712817625	tejaswikatangur183@gmail.com
42	S. Spurthi Reddy	CBIT	9100223313	spurthireddy0312@gmail.com
43	K. Nithya Reddy	CBIT	9100979746	nithyakatepally@gmail.com
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69	P.SaiBhargav	JBREC	7416511870	<a href="mailto:saibhargav567@gmail.com">saibhargav567@gmail.com</a>
70	K.Sirisha	CBIT		
71	Jay Panara	CBIT		

**TWO WEEK FDP TITLED  
“POWER ELECTRONICS FOR  
RENEWABLE ENERGY  
SYSTEMS - PRESENT  
TRENDS AND FUTURE SCOPE  
(PERES-2017)**

**Registration Fee per Participant**

1. Teaching Faculty : Rs. 500/-
  2. Research Scholars/PG Students : Rs. 250/-
  3. Industry/ R&D Organizations : Rs. 750/-
- Payment Details** (DD in favor of "HOD, EEE, CBIT payable at Hyderabad"):

**Notification of Acceptance: 1<sup>st</sup> NOV 2017****Last date of Registration : 7<sup>th</sup> NOV 2017****Submission of Registration forms**➤ [peresfdp2017@gmail.com](mailto:peresfdp2017@gmail.com)**Course Contents**

..... but not limited to

- Over View of Power Converters in Renewable Systems
- Introduction to Software Tools Related to Power Electronics
- Power Electronic Converters for Renewable Energy Applications
- Control strategies of DC-DC converters
- Inverters - Introduction & Design aspects
- MATLAB Simulation of Power Electronic converters-Hands on session
- Bidirectional Converters for Micro Grids
- Multilevel Inverters in Renewable Systems
- Significance of Embedded Systems in PE-Research Scope
- Embedded Controllers
- Lab on Embedded Controllers
- IoT Applications to Renewable Systems
- Scope for Sponsored Projects in Power Electronics & Renewable Systems
- Industry visit

**Chief Patron****Dr.V.Malakonda Reddy**, President, CBIT  
**Patron****Dr. P.Ravinder Reddy**, Principal, CBIT  
**Chairman****Dr.P.V.Prasad**, Prof. & Head, EEED  
**Coordinators****Dr.K.Krishna Veni**, Prof., EEED**Dr.G.Suresh Babu**, Prof., EEED**Co-coordinators****Dr.B.Suresh Kumar** Assoc. Prof. EEED**Dr.T.Murali Krishna** Asst. Prof. EEED**Resource Persons**

1. Dr. M. Ramamoothy,  
Former Director General, CPRI
2. Dr. M. Veerachary ,Prof., IITD
3. Dr. K. Shiva Kumar,Asso. Prof., IITH
4. Dr. B. P. Muni, GM, BHEL R&D
5. Dr. V. T. Somasekhar, Prof., NITW
6. Sri. K. RaviKishore, Assoc.Prof. NITW
7. Dr. B. Lakshmi, Assoc. Prof. NITW
8. Dr. A. Swaroop, Prof.,NIT Kurukshetra
9. Dr. H. S. Jain, Rtd. ED, BHEL R&D
10. Dr. B. P. Singh, Rtd.GM, BHEL R&D
11. Dr. G. Yesurathnam, Prof., OUCE
12. Dr. A. Jaya Lakshmi, Prof., JNTUH
13. Dr. B. Mangu, Prof., OUCE
14. Dr.P.Satish Kumar, Assoc. Prof., OUCE
15. Sri. P.C.Reddy, Dean, R&D, ASCET
16. Experts from Renewable Energy Based Industries

**Organizing Committee**

All teaching and non-teaching staff of EEE Department, CBIT

**Address for Correspondence**

Dept. of EEE, CBIT, Chaitanya Bharathi(P.O), Gandipet, Hyd-75

**E-mail:** [peresfdp2017@gmail.com](mailto:peresfdp2017@gmail.com)**Mobile:** 9703411220, 9493411401, 9849396814, 9866479770**AICTE SPONSORED****A Two Week  
Faculty Development Program  
on****Power Electronics for  
Renewable Energy Systems**  
— *Present Trends and Future Scope***13 - 25, November 2017****Department  
of  
Electrical & Electronics  
Engineering****CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)**  
Affiliated to Osmania University,  
Chaitanya Bharathi (P.O), Gandipet,Hyd-75.

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**REGISTRATION FORM**

**AICTE SPONSORED**

**A Two Week  
Faculty Development Program  
on  
Power Electronics for  
Renewable Energy Systems  
—Present Trends and Future Scope**

**13 - 25, November 2017**

**Name:** \_\_\_\_\_

**Designation:** \_\_\_\_\_

**Dept:** \_\_\_\_\_

**Organization:** \_\_\_\_\_

**Address for**

**Correspondence:** \_\_\_\_\_

**Phone:** \_\_\_\_\_

**Email:** \_\_\_\_\_

**Payment Details (DD in favor of "HOD, EEE, CBIT  
payable at Hyderabad"):**

**Draft No:** \_\_\_\_\_ **Date:** \_\_\_\_\_

**Amount: Rs.** \_\_\_\_\_

**Accommodation Required: Yes[ ] No[ ]**

Signature of Applicant

Signature of HOD

**About the Institute:**

CBIT is one of the premier Engineering Institute in INDIA, pioneer in Telangana state which is at idyllic surroundings of Gandipet Lake, Hyderabad. The college offers Nine UG and Eleven PG programs. It has been standing as a temple of knowledge for the past 38 years by producing about 16,000 eminent and skilful graduate engineers, who are successful in their careers, serving all over the world. It was accredited by NBA--AICTE and NAAC--UGC. UGC has granted autonomous status to this Institute from the academic year 2013-14 onwards. The grants received from AICTE/UGC are worth about Rs. 2.5 crores. Brilliant and meritorious candidates with good EAMCET rank are seeking admission. Our students are grabbing the opportunity of entering into MNCs through college placement cell. The Institute has signed MOU with Technical Education Quality Improvement Program (TEQIP) Hyderabad, for participating under SC-1.1 of TEQIP-II.

**About EEE Department**

CBIT started Electrical & Electronics Engineering course in 1994. The intake was increased from 60 to 120 from the academic year 2013-14. The Department is a certified by ISO 9001:2008. AICTE accredited thrice in the years 2004, 2008 & 2013. The Department has highly qualified and experienced faculty. The Department started offering a PG course in Power Systems & Power Electronics since 2006. The Department is having 10 well equipped labs with latest simulation & design software. The Department is keen on developing consultancy services and welcomes funding research from outside agencies and enriched with 15 lakhs worth projects under AICTE-MODROBS for PE & PS Labs.

**About the Program:**

The Objective of this FDP is to familiarize the attendees with the power converters for use in renewable energy systems. This work shop is planned to facilitate the up-gradation of knowledge and skills of faculties in technical institutions who are working in fields of Power Electronics and Renewable Energy Systems. The main aim is to fill gap between academic institutes and industry needs. This FDP will be perhaps one of the most successful effort in bringing emerging fields of basic research, highly relevant to immediate applications of National importance, and attracting young talent into this exciting and important area.

**Program Outcome:**

Outcome of the FDP is that the participants will acquire the competency in conducting simulation studies, innovations and knowledge necessary to understand and develop highly efficient, cost effective and reliable integration of renewable energy sources with grid. The faculty members can upgrade the knowledge and skills in the area of Power Electronics and Renewable Energy Systems. Faculty can set up new laboratory experiments relevant to the simulation of power converters used in RES. The faculty Will be able to understand the basics of Solar PV Emulator which in turn will help them to set up a solar lab/park

- *Lunch and snacks will be provided.*
- *TA will be paid.*
- *Accommodation for the outstation participants will be arranged with prior information.*

## **DAY-1: 10.00 AM – Event Inauguration**

### **Key Note Speaker:-TAYI KRISHNA Chief Engineer (Retd.), TRANSCO**

Er. Tayi Krishna Rao is the former Chief Engineer of AP TRANSCO. He is a Fellow of Institution of Engineers India. Krishna Rao is a Member of the State Committee of IEI He served AP SEB / APTRANSCO in various cadres including Chief Engineer Corporate Planning in Headquarters office at Hyderabad.

Mr.Krishnarao has rich experience in designs of EHV Transmission Lines and Sub-stations. He has executed Nation's first High Voltage Direct Transmission Line from Lower Sileru (AP) to Barsur(Chhattisgarh) and successfully operated. He has upgraded existing 66 KV Line from Hyderabad to Nizamsagar for operation at 132 KV resulting in enormous saving in cost and time compared to laying a new line to meet the increased power demand. He emphasis on nuclear power stations and reported that there were few failures in nuclear plants and safety is ensured by development in present disaster management techniques.

## **DAY-1: 11-30AM to 12.45 PM**

### **Speaker: S.S. Murali, Vice President, Mytrah Energy**

The speaker explained about wind and solar power plants. Advantages of renewable energy sources were well spoken by the speaker.

Also elucidated about Telangana's first wind power plant located at Nuzeerabad near parigi.

Speaker made an explicit review of installation and advantages of solar and winds power plants.

## DAY-1 : 1-30PM to 4.15 PM

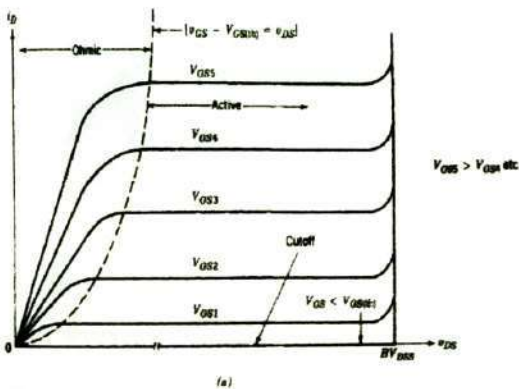
### **PE – Converters by Dr. N. Viswanathan, Professor, Dept. of EE, NIT Warangal**

Topics covered by the speaker:

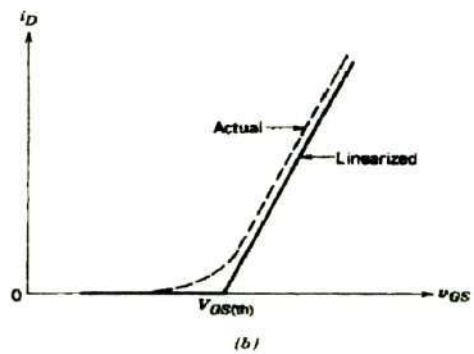
- 1) Introduction to Power devices
- 2) Power Mosfet: I-V characteristics, Transient analysis of Mosfet, Equivalent circuit, Turn On characteristics, Turn Off Characteristic, Safe operating Area
- 3) IGBT: I-V Characteristics, Turn On and Turn OFF characteristics, SOA
- 4) Modelling of DC-DC converters
- 5) Resonant converters

#### POWER MOSFET

##### I-V Characteristics



a) Output Characteristic:



b) Transfer Curve:

Speaker explained the need for Resonant Converters with following points clear to the participants.

- Need for miniaturization of power supplies.
- Higher switching frequency reduces the size and weight of inductor, capacitors, and transformers.
- Higher switching frequency increases switching losses in hard switched converters.
- Hence, a need aroused to reshape the switching trajectory of the switching devices.

**DAY-2 (14-11-17) : 10-00AM to 12.45 PM**

**Attaining Renewable Energy through Power Electronics**

**by Dr. A. Jayalaxmi, Professor, Dept. of EEE, JNTUHCE, JNTUH.**

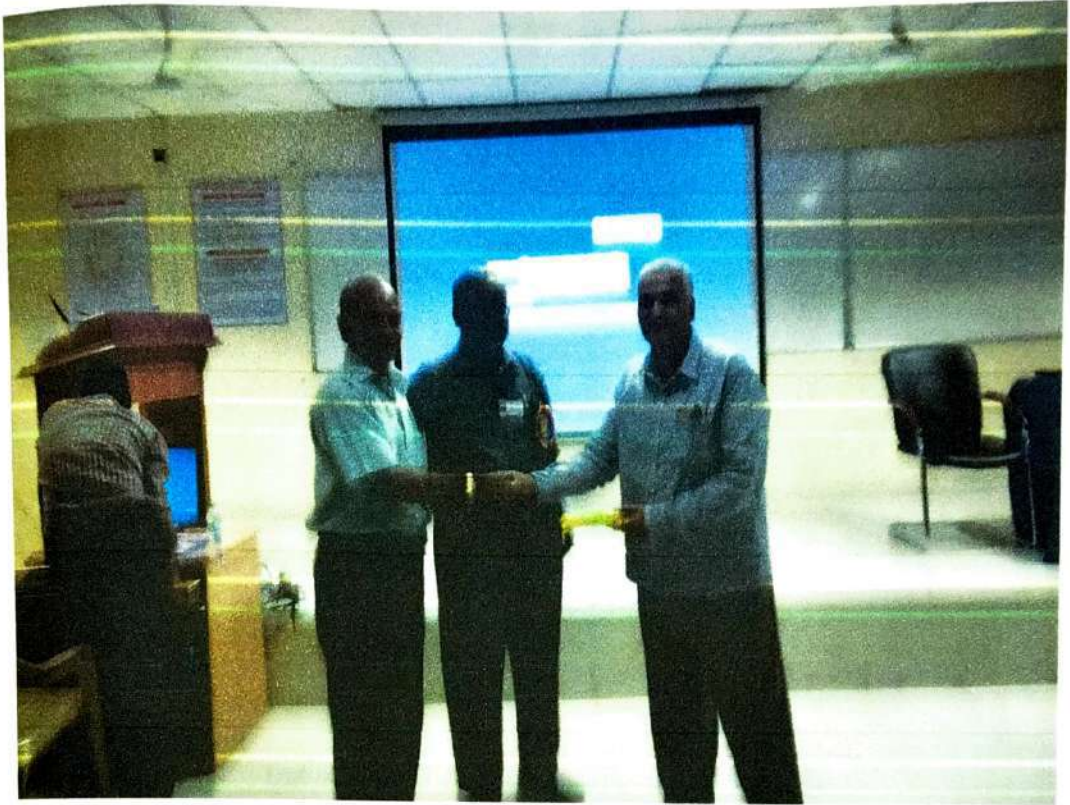


Speaker provided overall knowledge on Renewable Energy Sources and the concept of grid connected Renewable energy system. The session brought better views on Types of Renewable energies :

- ✓ Wind, Solar, Geo thermal, Bio mass, their advantages, disadvantages.
- ✓ Economic advantages of RES
- ✓ Load management, reliability, power quality, fuel flexibility, Co-generation.
- ✓ Different hybrid power technologies: Solar-Wind, Solar-Diesel, Solar-Hydro etc.,
- ✓ Concept of De Regulated power System,
- ✓ Concept of Smart Grid, and Micro Grid.

DAY-2 (14-11-17) : 1.30PM to 4.15 PM

**Power Converter Topologies for Inverters By Dr. B. P. Muni, G.M. BHEL (R&D)**



Topics Covered:

The speaker pioneered Jawaharlal Nehru National Solar Mission (JNNSM) to the participants. Speaker covered many topics starting with Solar PV power plant components, solar PV cell technology, solar PV PCU, Classification of Solar Inverters and Micro inverters

The then topics were handled elaborately in view of research by the speaker and it was a highly interactive session. The topics are

- 1) Phase locked loops and its job
- 2) Types of PLL
- 3) Different MPPT algorithm
- 4) Phase tracking
- 5) Island operation



### DAY-3 (15-11-17) : 10-00AM to 12.45 PM

## **Solar Power driven Open end winding Induction Motor Drives for Water Pumping Applications by Dr. V.T. Somasekhar, Profesor and Head, Dept. of EE, NIT, Warangal**

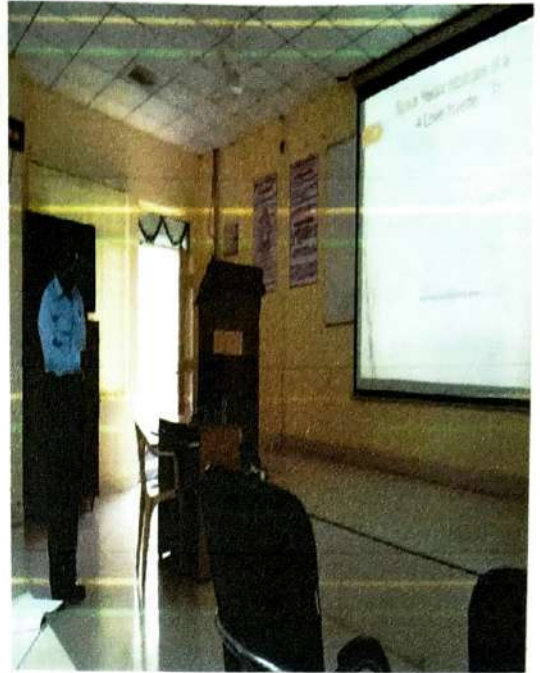
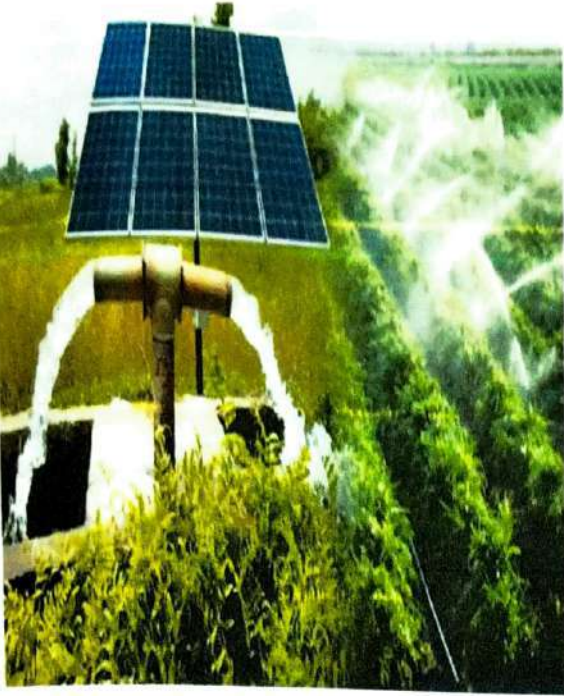
This session has been intended to cover the practical live examples of PV solar system. Started with characteristics of solar PV, the speaker enlightened the participants with his vast knowledge in application of solar PV systems and SVPWM techniques.

### **List of topics Covered by the speaker are:**

- 1) Motivation for PV based Water Pumping System
- 2) Solar PV Characteristics
- 3) Evolution of Solar Pumping Systems
- 4) Early PV based systems
- 5) Two-stage PV based Water Pumping Systems
- 6) Single-stage PV based Water Pumping Systems
- 7) Motivation for the PV fed Open-End Winding Induction Motor Drive (OEWIMD)
- 8) Integrated control algorithm
- 9) Zero-sequence current in an Open-End Winding Induction Motor Drive
- 10) A Hardware approach to suppress the Zero-sequence current
- 11) Pulse Width Modulation Techniques to suppress the Zero-sequence current
- 12) The 120° Decoupled SVPWM scheme
- 13) The DSAZE PWM Scheme
- 14) The SAZE PWM Scheme
- 15) Multi-Phase OEWM

Analysis of PV based water pumping system drawn from the lecture

<b>Positives</b>	<b>Negatives</b>
Reliable and free Low Maintenance Eco friendly Noise less operation On-the-Field Generation Modular Implementation	Very dilute form of Energy compared to fossil fuels Expensive though costs are on the steady decline Fluctuations in generation Need for storage Location Dependency



**DAY-3 (15-11-17) : 1.30 to 4.15 PM**

**Field Visit to Wind Power Plant, Nazeerabad, Parigi, Chevella**



## WIND ENERGY

Over the next 30 years, as the world's population rises and as emerging economies improve their living standards, the global demand for energy is expected to grow by a massive 40%. Most power is produced from conventional energy sources, such as coal, oil and gas, with coal being the largest contributor.

While there is a dramatic increase in the demand for energy, fossil-based resources such as coal, oil and natural gas are depleting. At the same time, global warming due to carbon emissions is a growing concern. A feasible solution to these growing concerns is to harness the power of wind, which is the most sustainable, available and by far the cleanest source of energy.

Mytrah has built 2000 MW of operational & under development power capacity in the Renewable Energy sector. These assets are spread across 15 wind farms in nine states—Rajasthan, Gujarat, Madhya Pradesh, Maharashtra, Andhra Pradesh, Telangana, Karnataka, Punjab and Tamil Nadu.

Mytrah sells power mainly to state grids through 13 to 25 year Power Purchase Agreements. In addition, our 100.5 MW project in Tamil Nadu sells power directly to Industrial consumers on short-term agreements.

Mytrah Energy (India) Pvt Ltd has the largest wind data bank in India, being the only independent power producer that has 200 wind masts across the country.





#### **DAY-4 (16-11-17) : 10-00AM to 12.45 PM**

#### **Converters By Dr.P.Satish, Assoc. Prof. Dept. of EEE, OUCE, OU**

This session well covered the multi-level inverters and Space Vector Pulse Width Modulation Methods for renewable energy applications. Following topics were well explained to the participants and the reach was witnessed by the post discussions.

#### **Inverters**

Basic Two-level Inverter, Multi-level Inverter and New Space Vector Pulse Width Modulation Methods for Diode clamped Multi-level Inverters

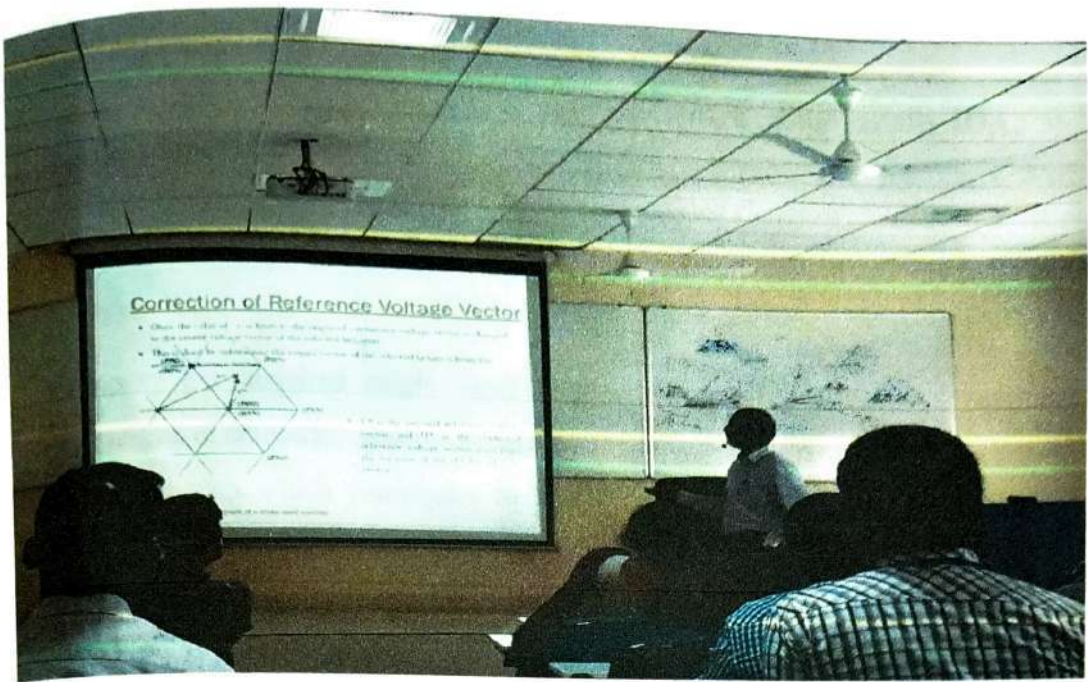
#### **Pulse Width Modulation Techniques**

##### **1) Basic PWM Techniques**

- a) Single-pulse width modulation
- b) Multiple-pulse width modulation
- c) Sinusoidal pulse width modulation

##### **2) Advanced PWM Techniques**

- a) Trapezoidal modulation
- b) Staircase modulation
- c) Stepped modulation
- d) Delta modulation
- e) Space Vector Pulse Width modulation (SVPWM)



**DAY-4 (16-11-17) : 1.30PM to 4.15 PM**

**Significance of string converters in the present energy scenario**

**Dr. Chandra Sekhar-MD- Tech Design Group**

Solar PV applications were well focused and new/innovative project / research ideas were discussed in this session. Solar PV Characteristics, Applications of semiconductor devices and Evolution of Solar Early PV based systems were discussed in detail.



**DAY-5 (17-11-17) : 10-00AM to 12.45 PM**

**Industry Visit to M/s LAXVEN Innovations Centre , Cherlapally IDA, ECIL, Hyderabad**

Since 1997, Laxven has been Developing and Manufacturing Complex, Innovative Systems for Recording data, Registration & Process Visualisation in the fields of Industry & Railway Technology.

The company has acquired ample capabilities in Design, Development, Integration & Software testing of embedded systems in compound platform. The company has set up an in-house Quality team which contributes to continued Fruitation of Intelligent Systems & procedures.

LAXVEN SYSTEMS offers a wide range of value-added services in the Manufacturing and Convergence market segments. As a customer, you draw advantage from our highly competent interdisciplinary engagement and delivery teams who are in the forefront of these technically challenging areas.



**DAY-5 (17-11-17) : 01-30PM to 04.15 PM**

**VISIT-2:- 50KW - Roof Top Solar Power Plant Visit**

Participants were taken to the **Roof Top Solar Plant** Located at Jeera colony, near Tank-band Hyderabad. Operation and maintenance procedure of the plant was explained to the participants

## DAY-6 (18-11-17) : 10-00AM to 4.15 PM

### IoT Applications to renewable Energy Systems

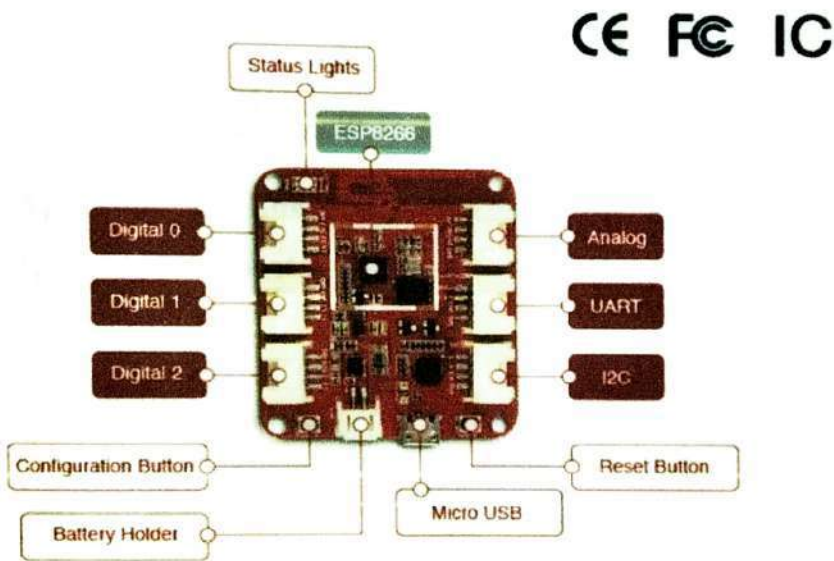
**Dr. K. Ravi Kishore & Dr. B. Lakshmi , Assoc. Prof., NIT Warangal**

Hands-on session on Internet of Things was conducted. Number of small projects was done by the participants with the guidance of the speaker of the session.

#### Topics covered:

- 1) What is IoT
- 2) Applications of IoT in RES
- 3) WIO-LINK PROCESSOR ESP8266
- 4) Lab held on Wio link processor ESP 8266

#### WIO LINK PROCESSOR ESP 8266





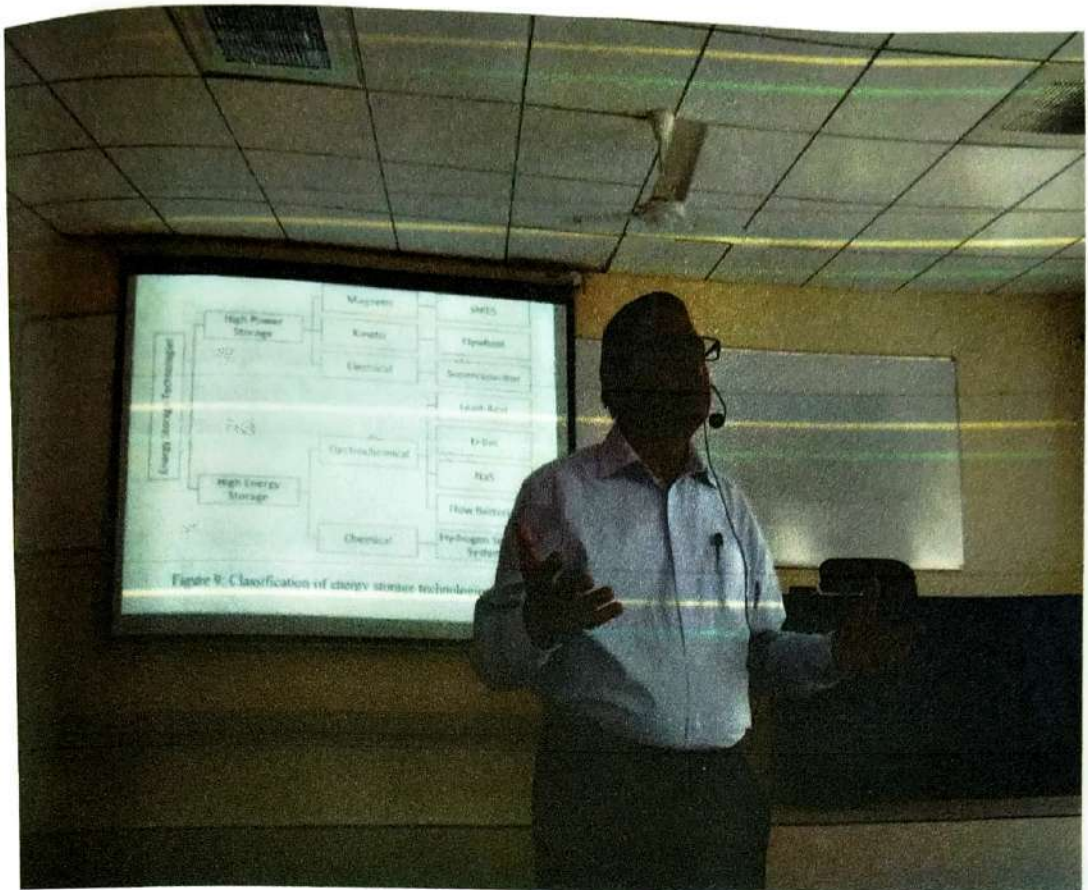
**DAY-7 (20-11-17) : 10-00AM to 12.45 PM**

**Control Applications to Energy Systems by Dr. Akhilesh Swarup,  
Professor, NIT Kurukshetra**

Topics covered:

- Overview of Renewable Energy (RE)
- Requirement of Control in Harnessing RE
- Devices / Mechanisms used for Control of RE
- Control used in Power Electronics
- Control Methods
- Recent Trends
- Case Studies





**DAY-7 (20-11-17) : 1.30PM to 4.15 PM**

**Professional Ethics in Engineering Education By Prof. Pradeep Raman Charla, IIIT, Hyderabad**



### **Topics covered:**

1) At the level of individual:

- Dissatisfaction and self-contradiction
- increasing pressure due to competition
- Decline in health in spite of excellent medical facilities

2) At the level of family and work place:

- Deprivation
- Complaints, fights, inter-personal tensions
- Injustice, hat redness
- Disintegration of family

3) At the level of society:

- Tendency to snatch, exploitation
- Poverty and unemployment
- War

4) At the level of nature:

- Imbalance, resource depletion, pollution

**DAY-8 (21-11-17) : 10-00AM to 12.45 PM**

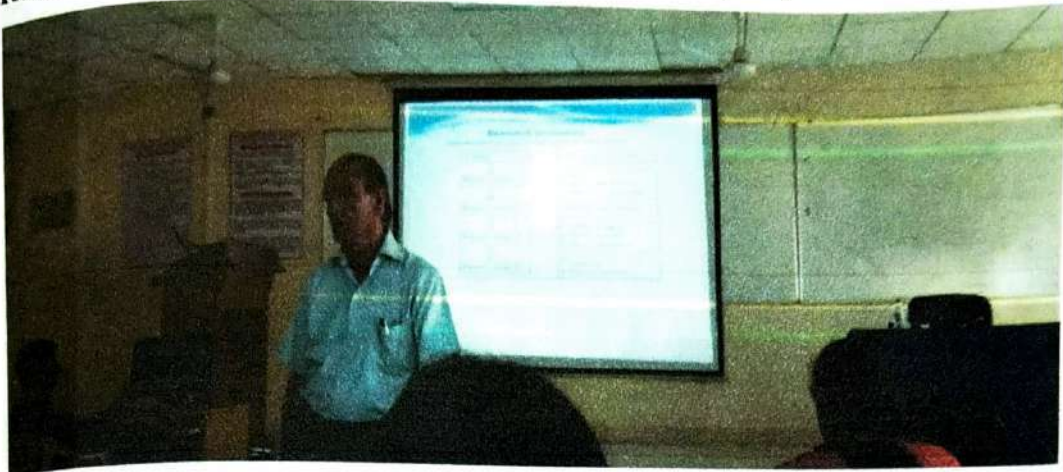
**MATLAB WORKSHOP by Dr. T. Murali Krishna, Asst. Professor, CBIT**



A hands-on session on MATLAB simulation was conducted by Dr.T.Murali Krishna and Mr. Harish. Session introduced RES application in MATLAB simulation. The session was found highly useful for research scholars.

**DAY-8 (21-11-17) : 1.30PM to 4.15 PM**

**Research Scope in RES by Dr. P.V. Balasubrahmanyam, Professor, CBIT**

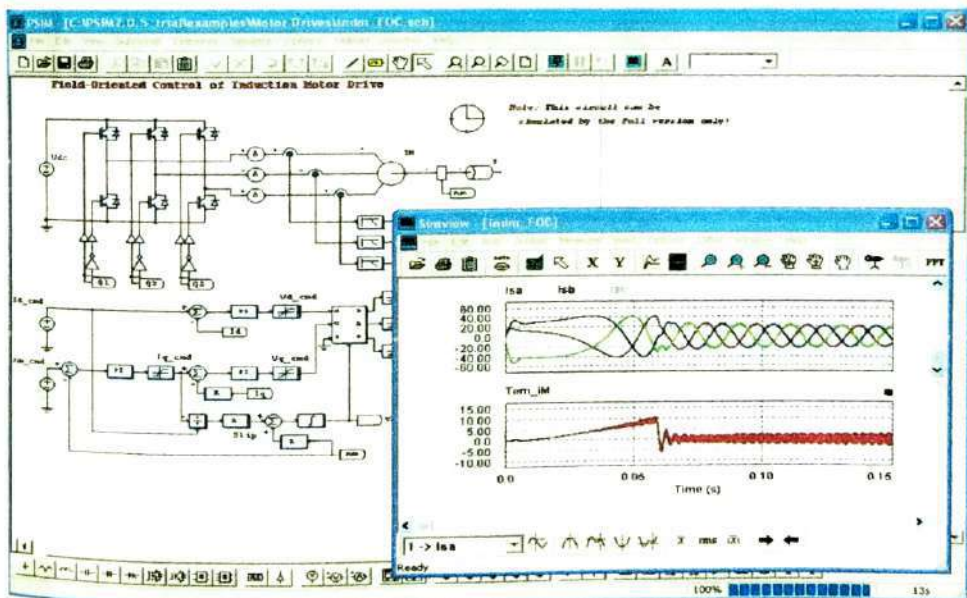


Topics covered:

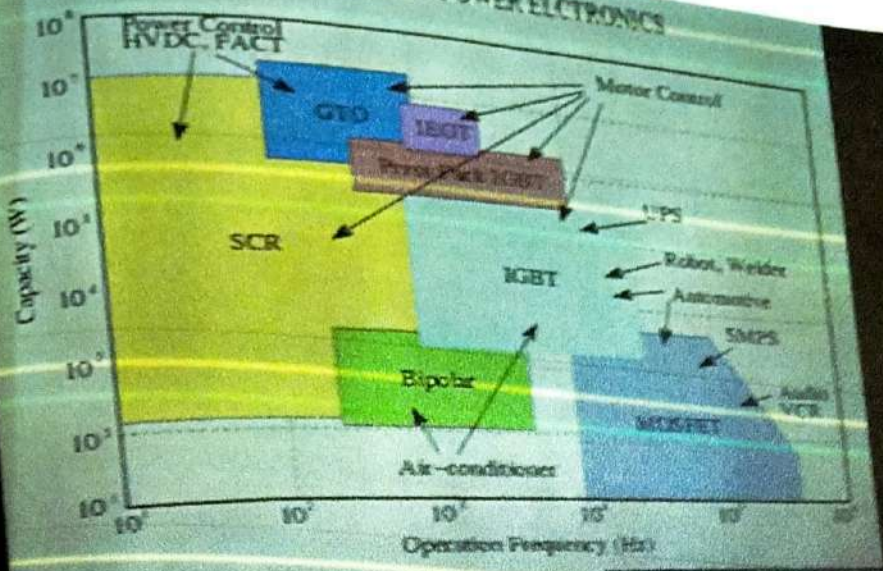
- 1) Importance & Types of 'Research'
- 2) Importance of self-learning
- 3) Evidence of self-learning
- 4) Core Engineering and soft skills

**DAY-9 (22-11-17) : 10-00AM to 4.00 PM PSIM Workshop**

A session on INTRODUCTION OF PSIM, an Electronic circuit simulation software package, designed specifically for use in power electronics and motor drive was conducted with hands on session. The session was highly useful in research point of view.



# BASIC CONCEPTS OF POWER ELECTRONICS

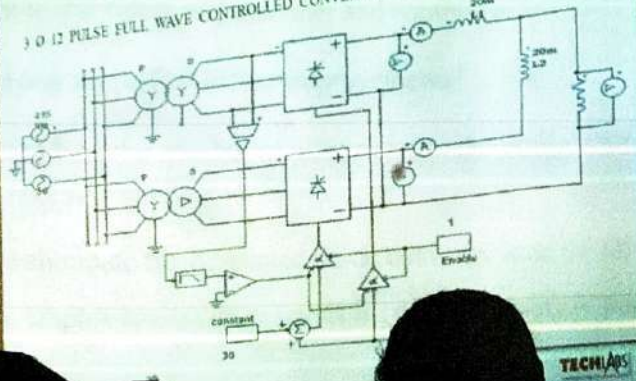


Power Electronics Devices Comparison Chart

## PSIM BASIC MODULE

### BASIC MODULE APPLICATIONS - RECTIFIERS

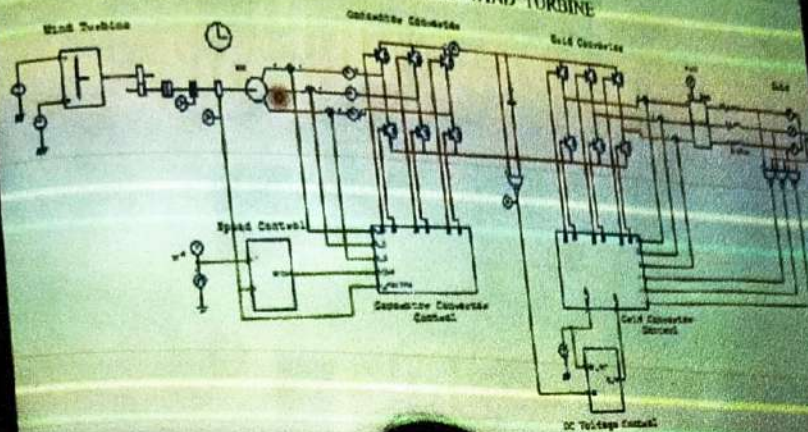
3-Ø 12 PULSE FULL WAVE CONTROLLED CONVERTER (HIGH CURRENT RECTIFIER)



# PSIM RENEWABLE ENERGY MODULE

## RENEWABLE ENERGY MODULE APPLICATIONS

### GRID CONNECTED WIND TURBINE



**DAY-10 (23-11-17) : 10-00AM to 12.45 PM**

**Grid Integration By Dr.Mangu, Professor, OUCE, OU**

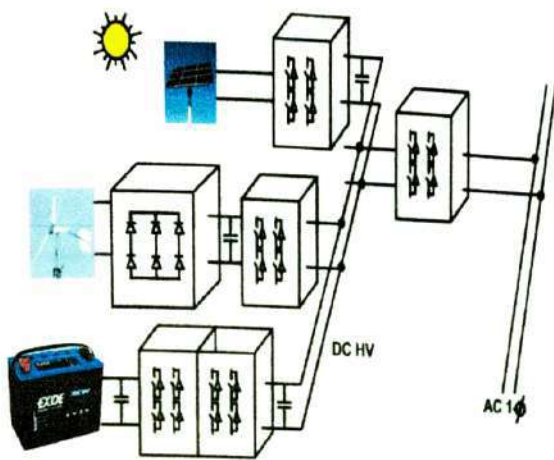
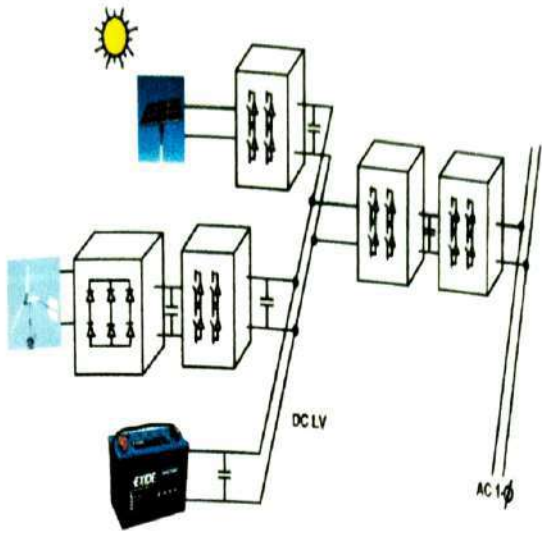
Following topics were covered by the speaker

1) Existing stand-alone & grid-connected systems:

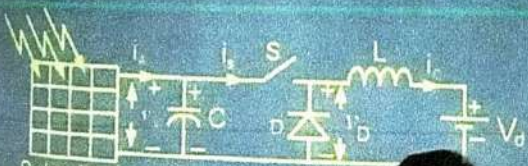
- Require multiple power conversion stages – leads to reduced efficiency and reliability.
- Dedicated dc-dc converter used for MPPT – leads to reduced converter utilization.
- Require high voltage levels for renewable sources and battery – leads to increased concern to the safety of personnel and equipment.

2) Is there any scope for further improvements?

- Can we reduce the number of power conversion stages while ensuring adequate voltage gain?
- Can we eliminate the dedicated dc-dc converter used for MPPT?
- Can we employ low-voltage levels for ensuring safety of personnel and equipment?



### DC to DC : Buck Converter feeding dc load



Solar Array



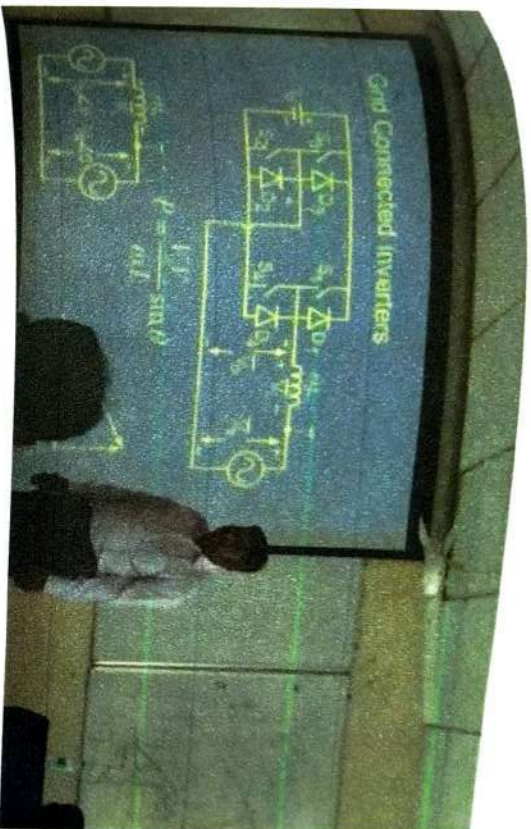
MPP

MPP array



MPP

MPP array



### Integrated PV-Wind-Battery based Single-Phase Stand-Alone System

Proposed Multi-Input Transformer-Coupled DC-DC Converter

**Objective:**

An integrated converter facilitates:

- MPPT of two sources.
- Battery charge control.
- Voltage boosting.

**Advantages:**

- The voltage boosting capability is accomplished by connecting PV and battery in series which is further enhanced by a high frequency step-up transformer.
- Improved utilization factor of the power converter, since the use of dedicated converter for charging MPPT operation of both the sources is eliminated.
- MPPT tracking of both the sources, battery charging control and power inverter are accomplished with only four controllable switches.
- Improvement in the battery charging efficiency as a single converter is present in the battery charging path from the PV source.

**DC-DC Converter**

**Transformer-coupled Step-Up Converter**

**Power-Cell Filter & Inverter**

DATE: 01/23-11-17) : 01-30PM to 04.15 PM

## Power Electronics to Store and Convert Renewable Energy in a Small Foot Print Dr.P C REDDY, Dean R&D-ASCET, Gudur

Power Electronics applications to Store and Convert Renewable Energy in a Small Foot  
on Power Print were shared by the speaker. The other topics discussed are,  
on Power Foot Print were shared by the speaker. The other topics discussed are,  
on Power Foot Print were shared by the speaker. The other topics discussed are,

### TOPICS:-

1. Approach in full wave rectifier. (design secrecy) 1988
2. Helmet radio ( for conversation between rider and pillion rider) 1991
3. Satellite TV Dish antenna tracking system (to change directions of look angle depending on channels selected) 1993
4. Car alternator and wind turbine cut out (concept to charge car battery) 1995
5. Electronic Governor for petrol engine (for Hero Honda Bike) 1995
6. Terminal to terminal data communication through telephone line (email) 1995

Concept of shapping:-

### RUGGEDISED AIR-CONDITIONER FOR MILITARY





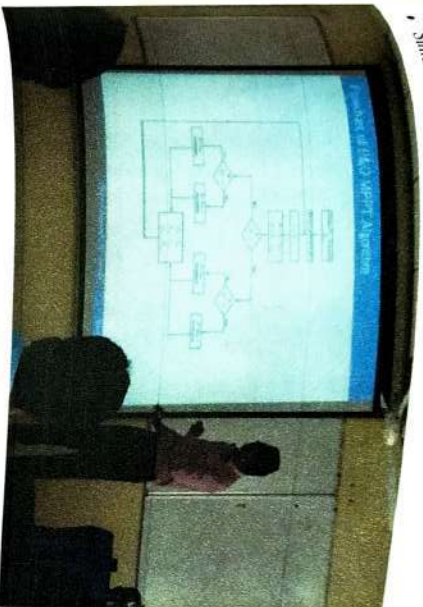
24-11-17) : 10:00AM to 12.45 PM

## Converter Design for Renewable Energy systems

Dr. Siva Kumar, NIT Warangal

Introduction to solar system

- PV Cell Characteristics
- Boost Converter
- MPPT Technique
- Simulation Results



DAY-11 (24-11-17) : 1.30PM to 4.00 PM

Relevance of Physical fitness for Engineering fraternity By Dr. Bhaktar



11-12(25-11-17) : 10-00AM to 12.45 PM

Techniques of addressing issues related to course outcomes & Program Outcomes in the OBE by Dr. K. Krishaveni, Professor & Dean (SP)



Topics covered:

How to form CO's & PO's

National Board of Accreditation (NBA)

- Established in the year 1994 under Section 10 (u) of AICTE Act.
- NBA became Autonomous in January 2010 and in April 2013 the Memorandum of Association and Rules of NBA were amended to make it completely independent of AICTE, administratively as well as financially.
- NBA Does not receive any grant either from the government or from any regulatory body of technical and higher education.
- Mission of NBA

To stimulate the quality of teaching, self evaluation and accountability in higher education and facilitate the Institutions in realizing their academic objectives, adopt teaching practices that enable them to produce high quality professionals and to assist them in continuously contributing to the domain of knowledge through innovations & research".

## Accreditation

Accreditation is a process of quality assurance and improvement, whereby a program in an approved Institution is critically appraised to verify that the Institution or the program continues to meet and/or exceed the Norms and Standards prescribed by regulator from time to time.

It is a kind of recognition which indicates that a programme or Institution fulfils certain standards.

Accreditation is given for a maximum period of five years.

Programs, and not Educational Institutions, are considered for accreditation.

Programs to be accredited should be offered by an educational Institution which has been formally approved as an educational Institution by the concerned regulatory authority.

Programs from which at least two batches of students have graduated will be considered for accreditation.

Programs are considered for assessment and accreditation only at the written request of the educational institution and after agreeing to abide by the NBA's accreditation manual, rules, regulations and notification issued from time to time.



Department of Electrical and Electronics Engineering



## Invitation

**CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY**  
(Autonomous)  
Gandipet, Hyderabad - 500075

You are cordially invited to grace the occasion of

### **VALEDICTORY FUNCTION**

of  
on  
AICTE Sponsored Two Week Faculty Development Programme

**Power Electronics for Renewable Energy Systems**

— *Present Trends and Future Scope*  
**PERES - 2017**

at 2:15 PM, on Saturday 25, November 2017,  
at E-Class room, N-Block, CBIT, Hyderabad

'Kavikireeti' **Dr. V. Malakonda Reddy**,

President, CBIT

will preside over the function

**Sri.P.C.Reddy**,

Dean (R&D) A.S.C.E.T-Gudur, A.P

has kindly consented to be chief guest

**Smt. D. Sandhyaasree**

Member BoM, Chairperson D&P committee, CBIT

will address the gathering

**Dr. P. Ravinder Reddy**,

Principal, CBIT

will give welcome Address

**Dr. G. Suresh Babu**

Co-ordinator

PERES - 2017

**Dr. K. Krishna Veni**

Co-ordinator

PERES - 2017

**Dr. P. V. Prasad**

Prof. & Head

Dept. of EEE

## Programme Schedule

- 02:15 PM Inviting Dignitaries on to the Dais
- 02:20 PM Invocation
- 02:25 PM Principal will address the gathering  
-Dr.P.Ravinder Reddy, Principal, CBIT (A)
- 02:30 PM Feedback from discerning participants
- 02:40 PM Departmental response to feedback  
-Dr.P.V.Prasad, Prof. & Head, Dept. Of EEE
- 02:45 PM Digest of FDP  
-Dr.K.Krishna Venu, Co-ordinator, PERES-2017
- 02:50 PM Conclusion of the FDP  
-Dr.G.Suresh Babu, Co-ordinator, PERES-2017
- 02:55 PM Address by Chief guest  
- Sri.P.C.Reddy, Dean (R&D) A.S.C.E.T-Gudur, AP
- 03:05 PM Address  
- Smt. D.Sandhyasree, BOM, CBIT(A)
- 03:10 PM Presidential Remarks  
-Dr. V. Malakonda Reddy, President, CBIT (A)
- 03:15 PM Felicitation & Distribution of certificates
- 03:25 PM Vote of Thanks  
-Dr.T.Muralikrishna, Co-coordinator
- 03:35 PM National Anthem

# EEE-CBIT PERES-2017



AICTE Sponsored Two Week FDP on  
"Power Electronics for Renewable Energy Systems" (13 to 25 November 2017)

## నేటినుంచి సీబిబిటీలో

### రెండు వారాల శిక్షణ

జుబిలోండ: నగరజీవారు గండపేటలోని చైతన్యబారటి వానిస్పి ట్యూట్ ఆఫ్ టెక్నాలజీ కళాశాలలో పాటు ఏవెన్టీజీఈల సంయుక్త ఆధ్వర్యంలో ఎలక్ట్రీటీ, ఎలక్ట్రానిక్స్ ఇంజనీరింగ్ విభాగాలలో సోషవారు నుంచి రెండు వారాల పాటు అధ్యాపకులుకు జ్ఞానా కేటరాన్ని ఏర్పాటు చేశారు. అందులో భాగంగా ఈకార్యక్రమాన్ని సోషవారం ట్రాన్స్ కో లిమిటెడ్ ఓపె ఇంజనీర్ టి కృష్ణారావు ముఖ్యఅధిపగా హాజరై కార్యక్రమాన్ని ప్రారంభించారు కార్యక్రమం కోఆర్డినేటర్లు డాక్టర్ రె భీష్మవేణి, డాక్టర్ జి.సురేశ్బాబులు తెలిపారు. మొదటి రోజు కార్యక్రమంలో కళాశాల కమిటీ అధ్యక్షుడు డాక్టర్ మాంకొండారెడ్డి, సభ్యురాలు సంద్యుత్రీ.. జీనిస్పాల్ డాక్టర్ రవింధర్ రెడ్డి పాల్గొంటారని వారు ప్రకారారు.

# రాజేంద్రనగర్

rajeevs.com nithyd.com

నేటినుంచి పునరుత్పాదక విద్యుత్ శక్తిని సమస్య  
జూబిలోండ:సుబయి(07:55వర్ష తెలంగాణ): ఎలక్ట్రానిక్స్, డిజ్యుట్ ట్రి ఫుండ  
లోక అండ్స్ ఏవెంటేజీ ఆధ్వర్యంలో అవం 18వ కేటర్యూయర  
వర్ష ఇంజనీర్ల అవంజీబిటి కళాశాల(సీబిబిటి) ఎలక్ట్రీక్స్, ఎలక్ట్రా  
నిక్స్ కార్యక్రమ కో-ఆర్డినేటర్ డా. కె.కృష్ణవేణి & రోజీసుందర్ ఈతరారు ఆం  
ధ్ర ప్రదేశ్ కు చెందిన కేటర్యూయర కళాశాల కుంజువేలం కేటర్యూయర డి.సంద్యుత్రీ  
రకాం ప్రతిపాత డా. పి.రవింధర్ రెడ్డిలు హామరూసున్నట్లు తెలిపారు. వారు  
లోక అంకాన్ని సంద్యుత్రీ కుంజువేలం కేటర్యూయర ఆంధ్రప్రదేశ్









# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

## Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

*Praveen*

Attendance for 2 week AICTE Sponsored FDP, 'Power Electronics for Renewable Energy Systems' during 13<sup>th</sup> to 25<sup>th</sup> Nov, 2017

S. NO	Name	Designation	College	20-11-17		21-11-17		22-11-17		23-11-17		24-11-17		25-11-17		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
1	R. B. Sharma	Asst. Prof.	G C E, Chandrapur (Maharashtra state)	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
2	Dr. Rajesh S Surjuse	Associate Professor		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
3	Dr. Amol A Kalage	Associate Professor	Sinhgad Institute of Technology, Lonavala, PUNE	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
4	Manohar N Kalgunde	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
5	Mhankale Akash Edward	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
6	Maharudra S Shinde	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present
7	Laxman Mutyam	Asst. Prof. & HOD	RGUKT- Basar	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
8	N. RAKESH	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
9	Bhukya Bhavsingh	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
10	D. Vani	Asst. Prof.	SGGI, Kolhapur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
11	Devendra Gowda	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
12	M. Chandra sekhar	Asst. Prof.	NEC, Narasa, raopet	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
13	N. Navyasri	Asst. Prof.		Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	
14	S. Urmila	Asst. Prof.	SVERI- pandharpur	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	Present	

**Coordinator**  
**PERES - FDP - 2017**  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad-75  
*W. Veerend*  
 21/11/2017

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

## Department of EEE, CBIT(A), Gandipet, Hyderabad – 509 075

Attendance for 2 week AICTE Sponsored FDP, 'Power Electronics for Renewable Energy Systems' during 13<sup>th</sup> to 25<sup>th</sup> Nov, 2017

S. NO	Name	Designation	College	20-11-17		21-11-17		22-11-17		23-11-17		24-11-17		25-11-17	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	R. B. Sharma	Asst. Prof.	G C E, Chandrapur (Maharashtra state)	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
2	Dr. Rajesh S Surjuse	Associate Professor	Sinhgad Institute of Technology, Lonavala, PUNE	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
3	Dr. Anmol A Kalage	Associate Professor		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
4	Manohar N Kalgunde	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
5	Mhankale Akash Edward	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
6	Maharudra S Shinde	Asst. Prof.	RGUKT- Basar	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
7	Laxman Mutyam	Asst. Prof. & HOD		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
8	N. RAKESH	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
9	Bhukya Bhavsingh	Asst. Prof.	SGGI, Kolhapur	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
10	D. Vani	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
11	Devendra Gowda	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
12	M. Chandra sekhar	Asst. Prof.		PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
13	N. Navyasri	Asst. Prof.	NEC, Narasaraopet	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB
14	S. Urmila	Asst. Prof.	SVERI-pandharpur	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB	PRB

Coordinator  
 PERES - FDP - 2017  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad-75  
 10, Oct 17  
 21/11/2017

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
15	Dr. T Devaraju	Asst. Prof.	Ananthapur	A	A	A	A	A	A	A	A	A	A	A	A	
16	Venkata Supura, V	Asst. Prof.	INTUACE, Anantha Puram	S	S	S	S	S	S	S	S	S	S	S	S	
17	P Sunitha	Asst. Prof.		B	B	B	B	B	B	B	B	B	B	B	B	
18	K. Ramesh Babu	Assoc. Prof.	PACE-ITS, Ongole	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	<del>Hand</del>	
19	V.Kiranmayee	Asst. Prof.	KITS Huzurabad	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	<del>Teach</del>	
20	K. Praveena	Asst. Prof.	KITS Huzurabad	A	A	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	Praveen	
21	Srikumar	Asst. Prof.	Jntuk	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	Q	
22	R.chandrasekaran	Asst. Prof.	Karpagam Engg. College coimbatore	B	B	B	B	B	B	B	B	B	B	B	B	
23	P Sai Niranjan Kumar	Asst. Prof.	GNITS-Hyd	B	B	B	B	B	B	B	B	B	B	B	B	
24	K Krishna Murthy	Asst. Prof.		U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.	U.V.
25	B Ravi Chandra Rao	Asst. Prof.		Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue	Tue
26	G. Srikanth	Asst. Prof.	UCE, OU	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	<del>Sp</del>	
27	G. Jhansi Rani	Asst. Prof.		Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi	Jhansi

Coordinator  
 PERES - FDP - 2017  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad-75  
 25/11/2017

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				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
28	Krishna chaithanya	Asst.prof	Gurunank Inst. Tech.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	Umadevi A	Asst. Prof.	SNIST, Hyd	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	Pavan kumar	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	Saritha	Asst.prof	VBIT, Ghatkesar	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	N.Ramesh	Asst.prof	SIET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	G.Srinivasa Rao	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	Sravankumar Y	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	Krishna <sup>DEGAVATH</sup> <del>rathod</del>	Asst.prof Ph.D	UCE, OU	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	B.Narasimha Reddy	Asst.prof	MGIT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	Gopal	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	P.Srinivasa Rao	Asst.prof	SSJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	L. Vandana	PG scholar	VCE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	Dr.E.V.Chandra Sekhar Rao	Asst.prof	CBIT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	Smt. N. Vasantha Gowri	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

W. Ueda  
25/11/2017

**Coordinator**  
PERES - FDP - 2017  
Dept. of EEE, CBIT(A)  
Gandipet, Hyderabad-75

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

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S. NO	Name	Designation	College	20-11-17		21-11-17		22-11-17		23-11-17		24-11-17		25-11-17			
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN		
				42	Smt. Naga Chaitanya	Asst. prof	CBIT	(A)	(A)	(me)	(me)	(me)	(me)	(me)	(me)	(me)	(me)
43	N. Anusha	PG scholar	Anusha	Anusha	Anusha	Anusha		Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	
44	V. Balu	Research Scholar	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>		<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	
45	Ravi Bukya	Research Scholar	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>		<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	
46	Thota Srinivas	Research Scholar	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>		<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	
47	M. Satya Narayana	Research Scholar	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>		<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	<del>scribble</del>	
48	G. Vasantha	Research Scholar	(A)	(A)	(A)	(A)		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	
49	Jayaprakash.A	Research Scholar	UCE, OU			(A)		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	
50	P. SravaKumar	Research Scholar		(A)	(A)	(A)		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
51	P. Ravindar	Research Scholar		(A)	(A)	(A)		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
52	<del>scribble</del> VENKAT RAO	Research Scholar		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	
53	B. John Wesley	Research Scholar		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	
54	<del>scribble</del> B. PRASAD	Research Scholar		(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	
55	Deepa. Nidhanakavi	Research Scholar (O.U)		Sphoortily Engg College	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	

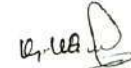
Coordinator  
 PERES FDP - 2017  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad-75  
 12.11.2017

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

Attendance for 2 week AICTE Sponsored FDP, 'Power Electronics for Renewable Energy Systems' during 13<sup>th</sup> to 25<sup>th</sup> Nov, 2017

S. NO	Name	Designation	College	13-11-17		14-11-17		15-11-17		16-11-17		17-11-17		18-11-17	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
1	R. B .Sharma	Asst. Prof.	G C E, Chandrapur	PBS	PBS	PBS	PBS	PBS	PBS	PBS	PBS	PBS	PBS	PBS	PBS
2	Dr. Rajesh S Surjuse	Associate Professor	(Maharashtra state)	A	A	A	A	A	A	A	A	A	A	A	A
3	Dr. Amol A Kalage	Associate Professor	Sinhgad Institute of Technology, Lonavala, PUNE	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol
4	Manohar N Kalgunde	Asst. Prof.		Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar	Manohar
5	Mhankale Akash Edward	Asst. Prof.		(A)	(A)	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol
6	Maharudra S Shinde	Asst. Prof.		(A)	(A)	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol	Amol
7	Laxman Mutyam	Asst. Prof. & HOD	RGUKT-Basar	lax	lax	lax	lax	lax	lax	lax	lax	lax	lax	lax	(A)
8	N. RAKESH	Asst. Prof.		(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
9	Bhukya Bhavsingh	Asst. Prof.		(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)	(B)
10	D. Vani	Asst. Prof.		(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)	(D)
11	Devendra Gowda	Asst. Prof.	SGGi, Kolhapur	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)	(A)
12	M. Chandra sekhar	Asst. Prof.	NEC, Narasaraopet	chase	chase	chase	chase	chase	chase	chase	chase	chase	chase	chase	chase
13	N. Navyasri	Asst. Prof.	SVERI-pandharpur	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)	(N)
14	Urmila Suni Garkul	Asst. Prof.	SVERI Pandharpur	(U)	(U)	(U)	(U)	(U)	(U)	(U)	(U)	(U)	(U)	(U)	(U)

  
 Coordinator  
 PERES - FDP - 2017  
 Dept of EEE, CBIT(A)  
 Gandipet, Hyderabad-75

# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

Attendance for 2 week AICTE Sponsored FDP, 'Power Electronics for Renewable Energy Systems' during 13<sup>th</sup> to 25<sup>th</sup> Nov, 2017

S. NO	Name	Designation	College	13-11-17		14-11-17		15-11-17		16-11-17		17-11-17		18-11-17		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
15	Dr. T Devaraju	Asst. Prof.	SVCET, chittoor Ananthapur	A	A	A	A	A	A	A	A	A	A	A	A	
16	Venkata Supura. ✓	Research scholar Asst. Prof.	Ananthapur JNTU ACE	S	S	S	S	S	S	S	S	S	S	S	S	
17	P Sunitha P. Suneetha	Asst. Prof. Research scholar	JNTU ACE Ananthapur	B	B	B	B	B	B	B	B	B	B	B	B	
18	K. Ramesh Babu	Asst. Prof.	PACEITS, Ongole	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	
19	V.Kiranmayee	Asst. Prof.	KITS Huzurabad	<del>Handwritten</del>	<del>Handwritten</del>	A	A	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	<del>Handwritten</del>	
20	K. Praveena	Asst. Prof.	KITS Huzurabad	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	Praveena	
21	Srikumar	Asst. Prof.	Jntuk	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	
22	R.chandrasekharan	Asst. Prof.	Karpagam Engg. College coimbatore	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	
23	P Sai Niranjan Kumar	Asst. Prof.	GNITS-Hyd	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	A	A	
24	K Krishna Murthy	Asst. Prof.		Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
25	B Ravi Chandra Rao	Asst. Prof.		Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten
26	G. Srikanth	Asst. Prof.	UCE, OU	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	
27	G. Jhansi Rani	Asst. Prof.		Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten	Handwritten

Coordinator  
 PERES - FDP - 2017  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad-75  
 2/11/2017



# CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY(A)

Department of EEE, CBIT(A), Gandipet, Hyderabad – 500 075

Attendance for 2 week AICTE Sponsored FDP, 'Power Electronics for Renewable Energy Systems' during 13<sup>th</sup> to 25<sup>th</sup> Nov, 2017

S. NO	Name	Designation	College	13-11-17		14-11-17		15-11-17		16-11-17		17-11-17		18-11-17	
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
28	Krishna chaithanya	Asst.prof	Gurunank Inst. Tech.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
29	Umadevi A	Asst. Prof.	SNIST, Hyd	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
30	Pavan kumar	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
31	Saritha .B	Asst.prof	VBIT college Engg & Tech	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
32	N.Ramesh	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
33	G.Srinivasa Rao	Asst.prof	SIET	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
34	Sravankumar Y	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
35	Krishna <sup>DEGAVATH</sup> <del>rathod</del>	Asst.prof Ph.D scholar	OU, UCE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
36	B.Narasimha Reddy	Asst.prof	MGIT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
37	Gopal	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
38	P.Srinivasa Rao	Ass <sup>o</sup> prof	SSJ	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
39	L. Vandana	PG scholar	VCE	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
40	Dr.E.V.Chandra Sekhar Rao	Asst.prof	CBIT	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
41	Smt. N. Vasantha Gowri	Asst.prof		✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

16.11.17  
25/11/2017

**Coordinator**  
PERES - FDP - 2017  
Dept. of EEE, CBIT(A)  
Gandipet, Hyderabad-75

S. NO	Name	Designation	College	13-11-17		14-11-17		15-11-17		16-11-17		17-11-17		18-11-17		
				FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	
42	Smt.Naga Chaitanya	Asst.prof	CBIT	one	one	one	one	one	one	one	one	one	one	one	one	
43	N. Anusha	PG scholar		Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha	Anusha
44	V. Balu	Research Scholar		<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>
45	Ravi Bukya	Research Scholar		<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>	<del>one</del>
46	Thota Srinivas	Research Scholar	UCE, OU	A	A	A	A	A	A	A	A	A	A	A	A	
47	M. Satya Narayana	Research Scholar		A	A	A	A	A	A	A	A	A	A	A	A	A
48	G. Vasantha	Research Scholar		Gay	Gay	Gay	Gay	A		Gay	Gay	Gay	Gay			
49	Jayaprakash.A	Research Scholar		syf	syf	syf	syf	syf	syf	syf	syf	syf	syf	syf	syf	syf
50	P. SravaKumar	Research Scholar		A	A	A	A	A	A	A	A	A	A	A	A	A
51	P. Ravindar	Research Scholar		P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar	P.Ravindar
52	B. Prasad	Research Scholar		Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	Prasad	A	Prasad	Prasad	Prasad	Prasad	A
53	B. John Wesley	Research Scholar		Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley	Wesley
54	Venkat Rao	Research Scholar		A	A	A	A	A	A	A	A	A	A	A	A	A
55	Deepa. Nidamarti	Research Scholar		Sphorathu Engg College	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa	Deepa

Coordinator  
 PERES - FDP - 2017  
 Dept. of EEE, CBIT(A)  
 Gandipet, Hyderabad - 75.  
 12-11-2017  
 20/11/2017

**2017-18**

**Date: 09-02-2018 to 10-02-2018**

**“A National level Two Day Workshop on  
Interface of Statistical Analysis using R”  
by Dr.Y. Rama Devi**

## REGISTRATION FORM

**A National level Two Days  
Workshop  
on  
Interface of Statistical Analysis using R**  
(November 27-28<sup>th</sup>, 2017)

### PERSONAL INFORMATION (use BLOCK LETTERS)

Name: \_\_\_\_\_

Date of Birth \_\_\_\_\_ Gender: \_\_\_\_\_

Qualification \_\_\_\_\_ Designation: \_\_\_\_\_

Experience (in years) \_\_\_\_\_

Organization: \_\_\_\_\_

Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Pin: \_\_\_\_\_

Mobile: \_\_\_\_\_

Email: \_\_\_\_\_

DATE: \_\_\_\_\_

Signature: \_\_\_\_\_

### **Declaration:**

The information furnished above is true to the best of my knowledge. I agree to abide by the rules and regulations governing the program.

Place: \_\_\_\_\_ Date: \_\_\_\_\_

### Chief Patron

Dr.V.Malakonda Reddy, President, CBIT

### Patron

Dr. P.Ravinder Reddy, Principal, CBIT

### Advisors

Dr.Suresh Pabboju, Prof & Head, IT

Dr.Y.Rama Devi, Prof, CSE

Dr.M.Swamy Das, Assoc.Prof & HOD, CSE

Dr.P.Raj Reddy, Assoc.Prof. & Head, M & H

### Coordinators

Dr.R.Ravinder Reddy, Assoc.Prof., CSE

Dr.B.R.Sreedhar, Asst.Prof(Sr)., M & H

### Resource Persons

1. Dr.Rajesh Prabhakar,  
corporate trainer in Data Analytics
2. Sree.H Soma Reddy,  
Group Project Manager, HCL Technologies, Hyd

### Address for Correspondence

Dept. of M & H, CBIT, Chaitanya Bharathi(P.O),  
Gandipet, Hyd-75

E-mail: [rworkshopatcbit@gmail.com](mailto:rworkshopatcbit@gmail.com)

**Mobile:9959900011, 8466997214,  
9440461196**

**VENUE: M-BLOCK  
SEMINAR HALL, CBIT**

**A National level Two Days  
Workshop  
on  
Interface of Statistical  
Analysis using R**  
**(November 27-28<sup>th</sup>, 2017)**



**Organized by**

**Departments of  
CSE & Mathematics and Humanities**

CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY  
(Autonomous)(Affiliated to Osmania University)  
Accredited by NBA-AICTE, NAAC(A)-UGC  
An ISO 9001:2008 Certified Institution  
Chaitanya Bharathi (Post), Gandipet  
Hyderabad – 500 075  
Telangana State, India

[www.cbit.ac.in](http://www.cbit.ac.in)

### **About CBIT (AUTONOMOUS)**

**Chaitanya Bharathi Institute of Technology** is one of the premier Engineering Colleges in the self-financing category in Telangana. It has been accredited five times in 1998, 2004, 2008, 2013 and 2017. It is also the first ISO 9001-2008 certified Engineering Institute of Telangana. The total constructed area is 4,45,467 sq. ft. worth about Rs 25.00 crores, spread on 30 acres. The grants received from AICTE are worth about Rs. 4.0 crores. The college offers 9 UG and 11 PG programmes. Brilliant and meritorious candidates with top EAMCET ranks are seeking admission in CBIT (especially in ECE, EEE, CSE, IT, Mechanical Engineering etc.). The pass percentage is consistent with 95% on an average out of which 80% of the students are passing either in distinction or in first class. More than 75% of the students are being placed in nationally and internationally reputed companies through campus placements. The remaining students pursue higher education or go for Govt. sector jobs.

### **About 'CSE Department'**

Computer Science and Engineering Department started in the year 1985 with an intake of 20 in Bachelor of Engg programme. The intake gradually increased to 180 with three sections by the year 2013. M.Tech programme started in the year 2002 with an intake of 18 and increased to 36 from the academic year 2011-12 onwards. The Department was accredited by NBA-AICTE five times in the years 1998, 2004, 2008, 2013 & 2017.

### **About 'Mathematics and Humanities'**

The Department of Mathematics and humanities currently has 20 faculty members who have vast research interest in different domains of their respective fields. The department has its own state of the art computing laboratories. It has also been actively engaged in organizing conferences, workshops, FDP programmes both for teachers and students to enhance their professional skills. Department of Mathematics, CBIT has been recognised as a Research centre by Osmania and research scholars have been allotted for this year. The department of English conducts soft skills training classes to both undergraduate and post graduate students and contributes significantly in the skill development of the students.

### **About this Workshop**

This workshop emphasises on the introduction of statistical tools using 'R'. The 'R' is a programming language and software environment for statistical analysis, graphs representation and reporting. The programming statistical applications in 'R' is a hands on course that comprehensively teaches fundamentals in R programming skills, concepts and techniques useful for developing statistical applications with 'R' software. This course is a great instructional resource for any one interested in refining their skills and knowledge of statistical programming using the 'R' programming language. It would be useful for quantitative analysis professional and for undergraduate and post graduate students for analysing the research data.

### **Broad topics to be covered**

- Overview of Probability & Statistics
- Introduction to R programming
- Data visualization and representation
- Statistical analysis using R programming

**Last date for Registration: 26<sup>th</sup> Nov, 2017**

**Submission of Registration forms to [rworkshopatcbit@gmail.com](mailto:rworkshopatcbit@gmail.com)**

### **Registration Fee per Participant**

1. Teaching Faculty	Rs:200/-
2. Research Scholars/PG Students	Rs:100/-
3. Industry/ R&D Organizations	Rs:750/-

D.D Should be drawn in favour of  
"Head, Dept.of M & H, CBIT",  
Payable at Hyderabad.

### **Payment Details:**

Draft No: \_\_\_\_\_

Date: \_\_\_\_\_

Amount in Rs: \_\_\_\_\_

- The fee includes tea & working lunch.
- Selection will be made on First-cum First serve basis.
- Participants are requested to make their own transportation arrangements.
- No T.A. and D.A. will be provided.



Workshop Inaugural by Dr.Y. Rama Devi

## Attendance Sheet

“A National level Two Day Workshop on Interface of Statistical  
Analysis using R” by Dr.Y. Rama Devi  
2017-18

S.No	Name of the Student	Present
1	ABHIGNYA BULUSU	P
2	ANANYA REDDY VUDUMULA	P
3	ANVITA LEKHA NAVULURI	P
4	BHAVANA BALIMIDI	P
5	CHANDANA SAMINENI	P
6	DEEVENA MRIDHULA KANAPARTHY	P
7	KAVYA SHRI V	P
8	MEGHANA REDDY G	P
9	NIHARIKA LAVADIYA	P
10	SRUTHI P	P
11	ANANT SHARMA	P
12	ANISH NIMBALKAR	P
13	BHAGATHKUMAR VANGA	P
14	CHAITANYA NARASIMHADEVARA K	P
15	KAUSHIK REDDY M V S	P
16	MADHU BHUTHAM	P
17	MAHENDRANATH JINKATHOTI	P
18	MANOJ LAVUDYA	P
19	MOHAMMED ADNAN	P
20	SHAIK RUHITH	P
21	SHASHANK REDDY SAMALA	P
22	SNEHITH REDDY DROPATHI	P
23	SRAVAN KUMAR MUSTYALA	P
24	SRIPRANAV KUMAR MUKTEVI	P



<b>S.No</b>	<b>Name of the Student</b>	<b>Present</b>
25	SURYA PRATAP	P
26	TARUN MANDA	P
27	THARUN REDDY CHALLABOTLA	P
28	UMA MAHESHWAR EIDIGI	P
29	VENKAT SAI YESWANTH REDDYPALLI	P
30	VENKATESH BHUKYA	P
31	Prof. N.Ramadevi	P
32	Dr. Bruhadeshwar Bezawada	P
33	Prof. Damnodar Reddy	P
34	Dr. M Subramaniam	P
35	Dr. Raman Dugyala	P
36	Dr.T.Sridevi	P
37	Dr. R.Ravinder Reddy	P
38	Dr. Sangeeta Gupta	P
39	Dr. Kolla Morarjee	P
40	Dr. Ravi Uyyala	P
41	Dr.V.Padamavathi	P
42	Dr.E.Padmalatha	P
43	Smt I.Srujana	P
44	Smt.Ch.Vijaya Lakshmi	P
45	Smt.A.Sangeetha	P
46	Sri B.Ramadasu	P
47	Smt.E.Kalpana	P
48	Dr.G.Vanitha	P
49	Smt.K.Mary Sudha Rani	P
50	Sri B.Sateesh	P

<b>S.No</b>	<b>Name of the Student</b>	<b>Present</b>
51	Smt.T.Suvarna Kumari	P
52	Smt.P.V. Manohara Ruth	P
53	Smt K.Spandana	P
54	Smt.G.Kavita	P
55	Smt. Ch.Madhavi Sudha	P
56	Smt. Kavita Agarwal	P
57	Sri K.Kiran Prakash	P
58	Sri B.Ramana Reddy	P
59	Smt. D.Naga Jyothi	P
60	Smt.G.Mamatha	P

## Kode Mania

This is the coding competition organized by Dept. of IT and co-ordinated by Mr. U. Sairam on 15<sup>th</sup> and 16<sup>th</sup> September, 2017





S.No	Roll Number	Name	Signature
1	160119737032	BHATNAGAR	<i>[Signature]</i>
2	160119737131	HARIKA	<i>[Signature]</i>
3	160119737034	GOUTHAM REDDY	<i>[Signature]</i>
4	160116737100	PRANEETH PRASAD	<i>[Signature]</i>
5	160116737114	THARUN	<i>[Signature]</i>
6	160119737128	GAYATHRI	<i>[Signature]</i>
7	160119737033	BHUVANESWAR REDDY	<i>[Signature]</i>
8	160117737046	PRADYUMNA REDDY	<i>[Signature]</i>
9	160117737014	ROSHNI	<i>[Signature]</i>
10	160119737123	ANUHYA	<i>[Signature]</i>
11	160116737102	PRAVEEN KUMAR	<i>[Signature]</i>
12	160116737117	VARMA	<i>[Signature]</i>
13	160116737118	VENKAT TEJA	<i>[Signature]</i>
14	160116737109	SHARATH SEN REDDY	<i>[Signature]</i>
15	160119737011	REETHIKA	<i>[Signature]</i>
16	160119737057	VENKATA DHARMA NIVAS VARMA	<i>[Signature]</i>
17	160116737318	LAVANYA	<i>[Signature]</i>
18	160119737049	SATHVIK REDDY	<i>[Signature]</i>
19	160117737045	PAVAN	<i>[Signature]</i>
20	160118737106	ROHAN	<i>[Signature]</i>
21	160118737111	SATHISH	<i>[Signature]</i>
22	160116737069	LIKHITHA	<i>[Signature]</i>
23	160118737114	SHARIQ AHMED	<i>[Signature]</i>
24	160119737030	ARAVIND KUMAR GOUD	<i>[Signature]</i>
25	160117737012	PRASANNA KUMARI	<i>[Signature]</i>
26	160119737015	SAI MANVI	<i>[Signature]</i>
27	160119737027	ABHIMANYU	<i>[Signature]</i>
28	160119737054	UR RAHMAN THAYAL	<i>[Signature]</i>
29	160119737111	MOHAMMED KAMAAL HUSSAIN	<i>[Signature]</i>
30	160118737301	SAMEER	<i>[Signature]</i>
31	160117737020	SHAGUPTA NAAZ	<i>[Signature]</i>
32	160117737048	RAGHAVENDRA REDDY	<i>[Signature]</i>
33	160118737103	NITHIN REDDY	<i>[Signature]</i>
34	160119737050	SATHVIK	<i>[Signature]</i>
35	160116737302	AJAY	<i>[Signature]</i>
36	160119737013	RUCHITHA	<i>[Signature]</i>
37	160116737016	MITHULA REDDY	<i>[Signature]</i>
38	160119737014	SHARON RAJU	<i>[Signature]</i>
39	160116737314	CHANDU	<i>[Signature]</i>
40	160117737051	SAI SARAN	<i>[Signature]</i>
41	160116737078	SANGEETHA	<i>[Signature]</i>
42	160116737107	SAI PRAVEEN	<i>[Signature]</i>
43	160116737104	REYANTH KUMAR	<i>[Signature]</i>
44	160117737013	PRERANA	<i>[Signature]</i>
45	160117737049	RAHUL	<i>[Signature]</i>
46	160116737106	SAI BHARGAVA	<i>[Signature]</i>

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47	160119737114	SRI CHAKRA RAJ	Chakra Raj
48	160119737059	VENKATA SWAMY AKASH	Venkata Swamy Akash
49	160118737307	MANVITH REDDY	Manvitha Reddy
50	160119737120	VIVEK REDDY	Vivek Reddy
51	160119737126	DINESHA	Dinesha
52	160119737053	SHIVA KUMAR	Shiva Kumar
53	160117737044	PAVAN	Pavan
54	160116737080	SNEHA	Sneha
55	160116737077	SAI SAMEERA	Sai Sameera
56	160116737081	TEJASWI	Tejaswi
57	160117737006	DURGA SAI LAKSHMI	Durga Sai Lakshmi
58	160119737063	ANVITHA	Anvitha
59	160116737071	KAUSER	Kauser
60	160119737091	ADARSH REDDY	Adarsh Reddy
61	160116737076	SAI NIKHITA	Sai Nikhita
62	160116737022	SHREYA RAO	Shreya Rao
63	160117737015	SAHITHYA	Sahithya
64	160116737074	SAI DIVYA	Sai Divya
65	160118737102	MANSOOR AHMED	Mansoor Ahmed
66	160119737122	AKSHITHA	Akshitha
67	160119737048	SANTHOSH	Santhosh
68	160119737093	HARSHA VARDHAN	Harsha Vardhan
69	160119737121	AKSHAYA	Akshaya
70	160119737028	ABHISHEK	Abhishek
71	160117737019	SANJANA	Sanjana
72	160118737116	SRIMAAN MURARI	Srimaan Murari
73	160119737130	HARIKA	Harika
74	160116737308	venu kumar	Venu Kumar
75	160117737018	SAMVIDHA REDDY	Samvidha Reddy
76	160116737303	KEERTHANA REDDY	Keerthana Reddy
77	160116737020	PRANA VI	Pranavi
78	160116737113	SUSHANTH REDDY	Sushanth Reddy
79	160116737097	PALUL SAMPSON	Palul Sampson
80	160119737113	SRAVAN SAI	Sravan Sai
81	160117737047	PRATIK	Pratik
82	160119737129	HARI PRIYA	Haripriya
83	160118737104	PRANEETH	Praneeth
84	160119737110	SAMPATH KUMAR	Sampath Kumar
85	160118737105	PRASHANTH SAI SANTOSH	Prashanth Sai Santosh
86	160116737307	SUMAN	Suman
87	160119737031	AVINASH	Avinash
88	160119737089	VARSHITHA	Varshitha
89	160119737124	ASHRITHA	Ashritha
90	160119737094	HEMANTH	Hemant
91	160117737042	NISHITHARTH	Nishitharth
92	160119737088	TRISHA	Trisha
93	160119737029	ANIL KUMAR	Anil Kumar

V. Sarma  
Department of IT  
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**Registration Fee per Participant**

Free

**For online registration, please visit:**

<https://forms.gle/R3VVa97UmQHKxXRHA>

**Contact**

**email:**[balasubbareddy\\_eee@cbit.ac.in](mailto:balasubbareddy_eee@cbit.ac.in)

**Mobile:** 9885308964  
8074400141

**Important dates**

**Last date of Registration:**  
14<sup>th</sup> July 2017

**Notification of Acceptance:**  
28<sup>th</sup> July 2017

**Intended Audience**

- EEE

**Chief Patron**  
**Dr. V. Malakonda Reddy,**  
President, CBIT

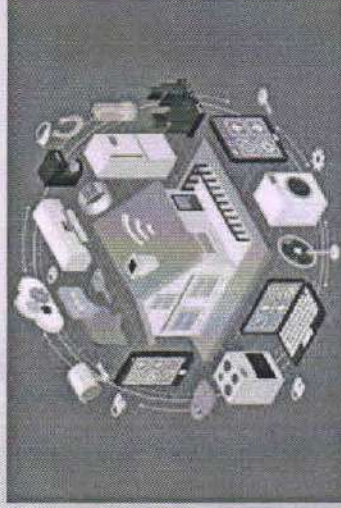
**Smt. D. Sandhya Sree**  
In charge President, CBIT  
Patron

**Dr. P. Ravinder Reddy,**  
Principal, CBIT  
Chairman

**Dr. P. Venkata Prasad,**  
Prof. & Head, EEED, CBIT  
Coordinator

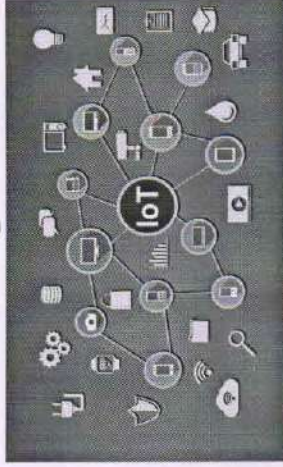
**Dr. M. Balasubbareddy,**  
Assoc. Professor, CBIT

**Organizing Committee**  
All teaching and non-teaching staff of EEED department, CBIT



**One Day Workshop**  
On  
**Internet of Things (IOT)**  
and MATLAB Programmin

04<sup>th</sup> August 2017



**Department of Electrical and Electronics Engineering**



**Chaitanya Bharathi**  
**Institute of Technology (A)**  
**Hyderabad-75**  
**Telangana**

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Gandipet, Hyderabad - 75

## About College

**ChaitanyaBharathi Institute of Technology** is one of the premier Engineering Colleges in the self-financing category in Telangana. It has been accredited four times in **1998, 2004, 2008 and 2013** by **NBA(AICTE)** and accredited second time by **NAAC(UGC)**. It is also the first **ISO 9001-2015** certified Engineering Institute of AP & Telangana. The total constructed area is 57,714 Sq.mts (6, 21,286 Sq.ft) worth about Rs 75.00 crores spread on 50.8 acres. The grants received from AICTE, UGC, DST, NSTL, DRDO and other Industries are worth about Rs. 16.0 Cr. The college offers 9 UG and 11 PG programmes. Brilliant and meritorious candidates with top EAMCET ranks are seeking admission in CBIT.

## About EEE Department

CBIT started Electrical & Electronics Engineering course in 1994. The intake was increased from 60 to 120 from the academic year 2013-14. The Department is also certified by ISO 9001:2015 & AICTE accreditation four times i.e. in the years 2004, 2008 and 2013. The Department has highly qualified and experienced faculty. The Department started offering a PG course in Power Systems & Power Electronics since 2006.

## Topics to be covered

1. Introduction of IOT, block diagram, understanding of different types of controller/clouds/programming
2. Project 1: LED control (ON/OFF) and LED intensity control
3. Interfacing of virtual LCD, understanding of relay, designing switching diagram
4. Project 2: Data reading from analog sensor and display on Mobile application on virtual LCD
5. OK Google assist using IOT
6. Project 3: Home Automation & Doubt clear session

## About the Programme

Internet of Things (IOT) and MATLAB programming are presently a hot technology worldwide. Government, academia, and industry are involved in different aspects of research, implementation, and business with IOT. IOT cuts across different application domain verticals ranging from civilian to defence sectors. These domains include agriculture, space, healthcare, manufacturing, construction, water, and mining, which are presently transitioning their legacy infrastructure to support IOT. Therefore, it is very important to learn the fundamentals of this emerging technology.

## Benefits/Takeways

- Hands on experience on IOT & MATLAB programming
- The certificate of Participation

## Resource persons

Faculty members and Industry experts with experience and expertise in IOT design and development

## Selection process

- ✓ First in first serve

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**One Day Workshop on Internet of Things (IoT) and MATLAB Programming on  
04.08.2017**

The combination of smart connected devices with data analytics and machine learning is enabling a wide range of applications, from home-grown traffic monitors to sophisticated predictive maintenance systems and futuristic consumer products (like the Amazon Echo and the Google Nest).

While the potential of Internet of Things (IoT) is virtually limitless, designing IoT systems can seem daunting, requiring a complex web infrastructure and multidomain expertise.

This article shows how you can prototype and deploy an IoT system with data analytics without developing custom web software or servers. The workflow is based on MATLAB® and ThingSpeak™, an analytic IoT platform that can run MATLAB code on demand in the cloud. To illustrate the workflow we'll create a tidal forecasting system that boaters can use to predict the effect of wind on water levels.

Water depth varies with the tides, but it is also significantly influenced by the strength, duration, and direction of the wind. Forecasting wind-driven water levels typically requires sophisticated hydrodynamic models as well as detailed knowledge of the shape of the local bay and ocean floor. NOAA and other organizations use these resources to forecast water depth in major harbors, but minor ports and bays cannot justify the expense involved.

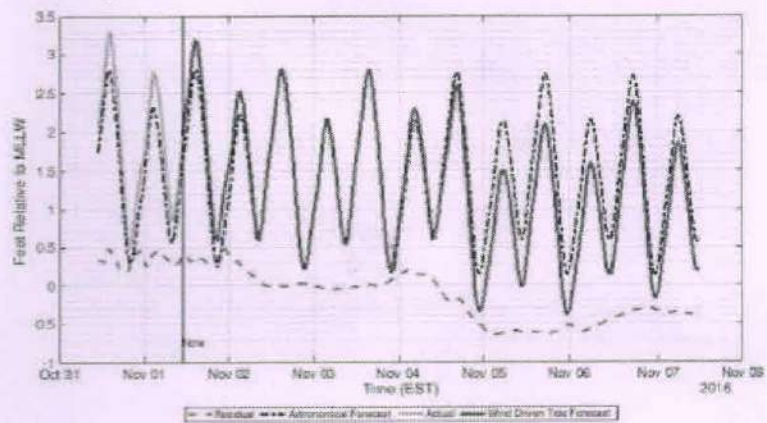
The system we'll be developing is based on neural networks and low-cost hardware devices rather than computationally intensive hydrodynamic models and complex web infrastructure, providing economically feasible tidal forecasting to minor ports and bays.

The code used in this example is available for [download](#).

#### Tidal Wind Surge Forecasting Example

This example is based on data captured in a bay in Cape Cod, Massachusetts (Figure 1).

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0g-Demand Tide Surge Forecast

**MATLAB NEURAL NETWORK MACHINE LEARNING ALGORITHM**



Deployment

```

name
  'MATLAB NEURAL NETWORK MACHINE LEARNING ALGORITHM'
end

function [forecast] = predict(tide_data, wind_data)
% Predict tide surge based on wind data using a neural network
% Inputs: tide_data (matrix of tide levels), wind_data (matrix of wind speeds)
% Output: forecast (matrix of predicted tide levels)

% Initialize neural network
net = nnnet('tansig', 'tansig', 'tansig');
net.trainParam.showWindow = false;
net.trainParam.verbose = false;
net.trainParam.max_epochs = 1000;
net.trainParam.lr = 0.01;
net.trainParam.goal = 1e-5;

% Train the neural network
net.train(tide_data, wind_data);

% Predict tide surge
forecast = net(wind_data);
end
  
```

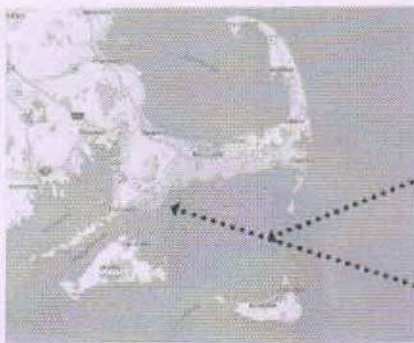
**THINGSPEAK IOT ANALYTICS PLATFORM**

Historical Wind and Tide Data

NWS Wind Forecast

NOAA Wind History

Recent Tide Level



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Figure 1. Tide forecasting system.

MATLAB code reads wind and tide data from ThingSpeak and other online data sources and runs tidal prediction and neural network algorithms that forecast the tide surge and generate an on-demand tide surge forecast plot (Figure 2).

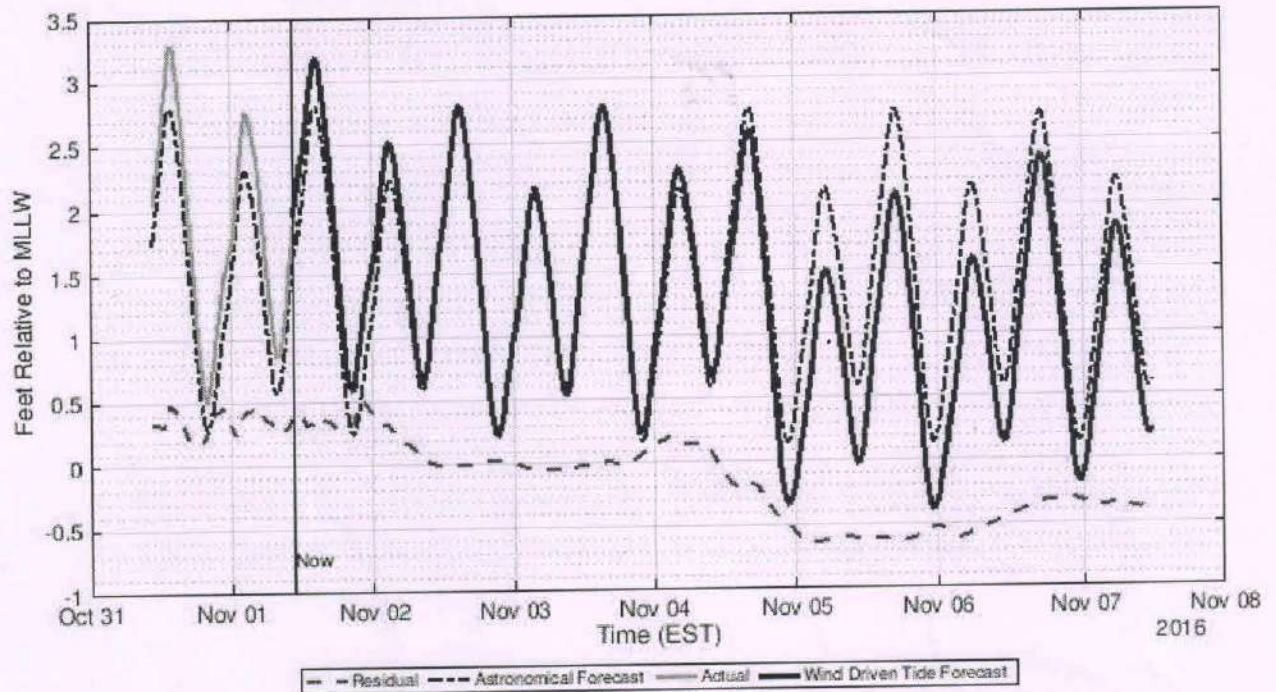


Figure 2. Wind-driven tide forecast plot based on MATLAB machine learning and ThingSpeak. The plot shows the actual measured tide, the astronomical tide forecast (discounting wind), the wind-driven tide forecast predicted using the neural networks (astronomical forecast plus wind), and the *residual* (the difference between actual or wind-driven forecasts and the astronomical forecast).

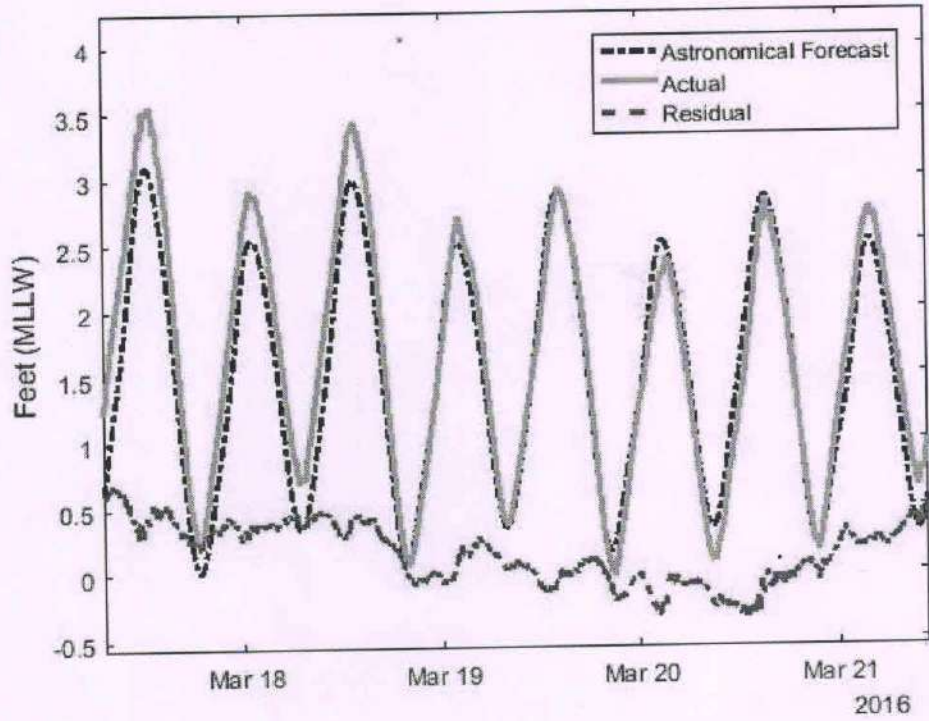
We'll complete the workflow for developing the system in these five steps:

1. Collect historical data
2. Analyze the data
3. Develop predictive algorithms
4. Deploy the analytics to the cloud
5. Perform on-demand data analytics and visualization

#### Step 1: Collecting Data

We begin by collecting historical tide-level data using ThingSpeak and a low-cost tide gauge. The tide gauge firmware is written in C code and uses open-source ThingSpeak communication libraries for embedded devices published on GitHub.

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Figure 5. Residual error between measured tides and the astronomical forecast.

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One Day Workshop on Internet of Things (IOT) and MATLAB Programming on 04.08.2017

SNo	HallTicketNo	Name of the student	Sign
1	160117734001	BALIDI AKSHITA	Akshita
2	160117734002	PILLI ISHWARYA	Ishwarya
3	160117734003	MACHERLA JHANSI	Jhansi
4	160117734004	K NAVEENA	Naveen
5	160117734010	GUNDAGANI SADHANA	Sadhana
6	160117734011	A SAI SPANDANA	Spandana
7	160117734012	A SAIKEERTHI	Saibeek
8	160117734038	GURLE NANAJI	Nanaji
9	160117734039	G NAVEEN REDDY	Naveenreddy
10	160117734040	NIKHIL REDDY V	Nikhil
11	160117734041	PULIMAMIDI PAVAN	Pavan
12	160117734042	AKULA PREM KUMAR	Premkumar
13	160117734043	DEVULAPALLY RAJENDER RUCHIDAR	Rajender
14	160117734044	T RAJESH	Rajesh
15	160117734045	S ROHIT REDDY	Rohit
16	160117734046	MUNJALA SAI CHARAN	Charan
17	160117734047	PALLAPU SAI GANESH	Ganesh
18	160117734048	APPALA SAI NAVEEN	Naveen
19	160117734049	D SAI SURYA	Surya
20	160117734050	P SAIHARSHA REDDY	Harsha
21	160117734051	SHUBHANKAR GAUR	Shubhankar
22	160117734052	P SRIKANTH	Srikant
23	160117734053	SENADHIPATHI SRIKAR	Srikanth
24	160117734054	SRIPADI SRIVASTAV	Sripadi
25	160117734055	L SRIVIBHAVAN	Srivibhavan
26	160117734057	ATHELI VIJAY CHANDRA	Vijay
27	160117734058	POUNGOTI VINOD	Vinod
28	160117734311	MALOTH HIMABINDU	Himabindu
29	160117734312	KOLAPURI RAASHI	Rashi

Dr. *[Signature]*  
 AD  
 CBIT (A)  
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# One Days National Workshop on Internet of Things (IOT) and MATLAB Programming

04<sup>th</sup> AUGUST- 2017

## Proposed Program Schedule

Day & Date	09.30am to 10.00am	Session-I 10.00am to 12.00 noon	12.00 noon to 01.00pm	Session-II 01.00pm to 03.00pm	03.00pm to 03.15pm	Session-III 03.15pm to 05.00pm
Day-I Friday 04-08-2017	Breakfast	<ol style="list-style-type: none"> <li>1. Introduction of IOT, block diagram, understanding of different types of controller/clouds/programming</li> <li>2. OK Google assist using IOT</li> <li>3. Project 3: Home Automation &amp; Doubt clear session</li> </ol> <p style="text-align: right;">(Dr Dr M Balasubbareddy)</p>	Lunch Break	<ol style="list-style-type: none"> <li>1. Interfacing of virtual LCD, understanding of relay, designing switching diagram</li> <li>2. Interfacing of virtual LCD, understanding of relay, designing switching diagram</li> </ol> <p style="text-align: right;">(Dr. Dr M Balasubbareddy)</p>	High Tea	<ol style="list-style-type: none"> <li>1. Project 2: Data reading from analog sensor and display on Mobile application on virtual LCD</li> <li>2. Data reading from analog sensor and display on Mobile application on virtual LCD &amp; Data reading from analog sensor</li> </ol> <p style="text-align: right;">(Dr M Balasubbareddy)</p>

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## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY: Hyderabad

Date: 02.08.2017


### CIRCULAR

It is proposed to conduct One Day Workshop on Internet of Things (IOT) and MATLAB Programming on 04.08.2017. All interested EEE students are requested to register for the event. And gain knowledge about the latest technologies in the electrical area.

Date: 13.09.2018

Time: 09.00 AM

Venue: L-Block Seminar Hall

  
Head of the Department.

  
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Encl.: Brochure

## One Day Workshop

### How to Apply

The applicants should fill their registration form through Google Forms using below link

<https://forms.gle/JvsrjaRbdC6LFLx26>

### Registration Fee: Free

### Targeted Audience

Undergraduate students, Postgraduate students, research scholars, faculties of technical institutes, Industrial professionals.

### Important Dates

Last date for Registration : 08Dec2017  
Intimation of selection : 12 Dec 2021



## Organizing Committee

### Chief Patron

Dr. V Malakonda Reddy  
President, CBIT

### Patron

Dr. P.Ravinder Reddy  
Principal, CBIT  
E-mail: principal@cbit.ac.in

### Advisors

Dr. A D Sarma, Director, R&D  
Dr. K Krishnaveni, Director, SP

### Program Evaluation Committee

Dr. Dr. P.Ravinder Reddy, Chairperson  
Dr. P. Venkata Prasad, Prof. & HOD/EEE  
Dr M Balasubbareddy, Member Secretary

### Venue: EEE Dept., CBIT, Hyderabad

For further details please contact:  
E-mail: balasubbareddy\_eee@cbit.ac.in  
Mobile: 9885308964/8074400141

  
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Gandipet, Hyderabad - 75



CHAITANYA BHARATHI  
INSTITUTE OF TECHNOLOGY (A)



## One Day Workshop on Big Data Analytics for Smart Grid

15<sup>th</sup> -December 2017

### Coordinator

Dr. M Balasubbareddy, Assoc.Prof., EEE

### Organised by

Department of  
Electrical and Electronics Engineering

Kokapet(Village), Gandipet,  
Hyderabad-500075, Telangana. www.cbit.ac.in  
ISO 9001:2015 Certified Institute



## Chaitanya Bharathi Institute of Technology (CBIT)

CBIT, committed to Education and Innovation for 4 Decades and inspired by the range of Government Policies and Programs to fuel the Innovation drive, through focused efforts in Research, emerged as a Home for ambitious Innovators, Visionary Thinkers and extraordinary Pioneers and has been contributing its mite towards New India's Innovation Ecosystem. Five of the Engineering Departments at the Institute are recognized as Research Centers by the Osmania University. In-order to elevate the state-of-the-art of technology, a well-equipped Research and Development Centre has been established.

CBIT has established a research fund to nurture and harness the talent of the students and faculty from various disciplines. The organization provides necessary facilities for promoting basic research and to catalyze the cross-fertilization of ideas with R&D agencies in other sectors for expanding and enriching the knowledge base in their respective areas. The institute provides grants-in-aid for collaborate work or individual work related to futuristic front-line research which finds application in world class systems leading to innovations.



## About the Department

CBIT started Electrical & Electronics Engineering program in 1994. The intake was increased from 60 to 120 from the academic year 2013-14. The Department is certified by ISO 9001:2015. It has got accredited by AICTE four times in the years 2004, 2008, 2013 and 2017. The Department has highly qualified and experienced Teaching and Non-teaching faculty. It has started offering PG program in Power Systems & Power Electronics since 2006. This Department is having 10 well equipped labs with latest simulation & design software. The Department is keen on developing consultancy services and welcomes funding research from outside agencies. It is enriched with 15 lakhs and 17 lakhs worth projects under AICTE-MODROBS for PE & PS Labs and Electrical Machines lab respectively.

## About the Workshop

Big data analytics and machine learning algorithms play a vital role in electricity transmission and distribution network for data collection, storage and analysis of the data, prediction for data forecasting, and maintenance of the system. This course explores the usage of open-source software python for demonstration of usage of big data in smart grid. This FDP will also discuss the various methods and algorithm to be used for the applications for smart grid. In this course we intend to introduce some of the basic concepts of machine learning from a mathematically well motivated perspective. At the end of the course, we introduce some of the current advances in computing to motivate the enthusiastic learner to pursue further directions.

This course mainly focus on background and fundamental building blocks of smart grid with stringent emphasis on practical applications in the existing power system network.

This course provides overview of smart grid and its potential in different types of power sectors such as power generation, transmission and distribution in Metro, Urban/Semi urban and remote locations of India.

## Content to be covered in Workshop

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# Big Data Analytics for Smart Grid

## Summary

Data analytics is playing a vital role in the modern industrial era. Electricity is one of the industries that have adapted data analytics techniques to a great extent. The data collected in the smart grid through smart meters and other sensors installed is very huge. The processing of such a huge heterogeneous data is not possible without the use of big data analytics technique. Big data analytics and machine learning algorithms play a vital role in electricity transmission and distribution network for data collection, storage and analysis of the data, prediction for data forecasting, and maintenance of the system. These techniques can help to optimally deliver energy at a lower cost with high quality and can also improve the customer service as well as social welfare.

This course explores the usage of open source software python for demonstration of usage of big data in smart grid. It begins with the importance of big data analysis in smart grid, intelligent data collection devices followed by machine learning and deep learning algorithms used in data analytics for smart grid.

This article will review the use of big data analysis techniques along with the machine learning for various applications that can be mapped for smart grid environment. This article will also discuss the various methods and algorithm to be used for the applications for smart grid. A comparative analysis will also be done to show the best methods and algorithm to be used for a particular application.

## Objectives

### INTENDED AUDIENCE:

Undergraduate students, Postgraduate students, research scholars, faculties of technical institutes, Industrial professionals.

PREREQUISITES: Basics of Power Systems, Basic knowledge of statistics

INDUSTRY SUPPORT: The course is organised in Collaboration with eminent Industry such as OPAL-RT Technologies India Pvt . Ltd

  
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Topics Covered:

Need of Data Analysis in Smart Grid

Intelligent Data Collection Devices in Smart Grid

Data Science Pertaining to Smart Grid Analytics

Tools for Big Data Analytics

Conventional Machine Learning Algorithms for Data Analytics

Advanced Machine Learning Algorithms for Data Analytics

Big Data Analytics for Smart Grid- Case Studies

Cloud and edge computing for Big data analytics



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Big Data Analytics for Smart Grid

SNo	HallTicketNo	Name of the student	Sign
1	160117734013	C SHAHEEN	Shahe
2	160117734014	DHEERAVATH SHRAVYA	Dheeravath
3	160117734015	SRI PRAVALLIKA V	Pravallika
4	160117734017	SWETHA LENKALA	Swetha
5	160117734018	Y VEDITHA LAKSHMI	Veditha
6	160117734020	G AKHIL REDDY	Akhil
7	160117734021	MACHARLA AKSHITH	Akshith
8	160117734022	GULAGATTU BHARATH KUMAR	Bharath
9	160117734023	GARV AGARWAL	Garv
10	160117734024	M GIRICHARAN REDDY	Giricharan
11	160117734025	ADABALA GANA PRASAD	Ganaprasad
12	160117734026	V GOPIKRISHNA REDDY	Gopikrishna
13	160117734027	PATHPI HARSHITH REDDY	Harshith
14	160117734028	D HRISHIKES SAI	Hrishikes
15	160117734036	MOHAMMAD ABDUL ASIF	Asif
16	160117734037	G MOHAN	Mohan
17	160117734038	GURLE NANAJI	Nanaji
18	160117734039	G NAVEEN REDDY	Naveen
19	160117734040	NIKHIL REDDY V	Nikhil
20	160117734041	PULIMAMIDI PAVAN	Pavankumar
21	160117734042	AKULA PREM KUMAR	Prem
22	160117734043	DEVULAPALLY RAJENDER RUCHIDAR	Rajender
23	160117734044	T RAJESH	Rajesh
24	160117734045	S ROHIT REDDY	Rohit
25	160117734046	MUNJALA SAI CHARAN	Sai Charan
26	160117734047	PALLAPU SAI GANESH	Sai Ganesh
27	160117734048	APPALA SAI NAVEEN	Sai Naveen
28	160117734049	D SAI SURYA	Sai Surya
29	160117734050	P SAIHARSHA REDDY	Saiharsha
30	160117734051	SHUBHANKAR GAUR	Shubhankar
31	160117734052	P SRIKANTH	Srikanth
32	160117734053	SENADHIPATHI SRIKAR	Srikar
33	160117734054	SRIPADI SRIVASTAV	Sripadi
34	160117734055	L SRIVIBHAVAN	Srivibhavan
35	160117734057	ATHELI VIJAY CHANDRA	Vijay
36	160117734309	PINGILI RAMYA	Pingili

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## CHAITANYA BHARATHI INSTITUTE OF TECHNOLOGY: Hyderabad

Date: 12.12.2017

### CIRCULAR

It is proposed to conduct One Day Workshop on Big Data Analytics for Smart Grid on 15.12.2017. All interested EEE students are requested to register for the event. And gain knowledge about the latest technologies in the electrical area.

Date: 15.12.2017

Time: 09.00 AM

Venue: L-Block Seminar Hall

Head of the Department.

Encl.: Brochure

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**One Days National Workshop on Big Data Analytics for Smart Grid**

**15th December - 2017**

**Proposed Program Schedule**

<b>Day &amp; Date</b>	<b>09.30am to 10.00am</b>	<b>Session-I 10.00am to 12.00 noon</b>	<b>12.00 noon to 01.00pm</b>	<b>Session-II 01.00pm to 03.00pm</b>	<b>03.00pm to 03.15pm to 03.15pm</b>	<b>Session-III 03.15pm to 05.00pm</b>
Day-I Friday 15-12- 2017	Breakfast	Concepts Big Data Analytics for Smart Grid (Dr M Balasubbareddy)	Lunch Break	Requirements of Big Data Analytics for Smart Grid (Dr M Balasubbareddy)	High Tea	Implementation Big Data Analytics for Smart Grid (Dr M Balasubbareddy)



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**21&21.07.2017 Title of the Session: Cognizant MasterCode Hackathon**

Venue: Cognizant Lecture Hall, Resource Person: Mr Shiva Tammishetti from Cognizant

No of Students: 40 as shown in Photograph

Date: 21st and 22nd July 2017



**28.02.2018 Aptitude Attitude Awareness Programme Krishna Chaitanya Reddy**

**Venue: Conference Hall**

**Date: 28-2-2018**

**No of students:40**





