



Estd : 2008

# METHODIST

## COLLEGE OF ENGINEERING AND TECHNOLOGY

Approved by AICTE New Delhi | Affiliated to Osmania University, Hyderabad

Abids, Hyderabad, Telangana, 500001

Number of Certificate/diploma program introduced during last five years					
TIMELINE:2014-15 TO 2018-19					
DEPARTMENTS	2018-19	2017-18	2016-17	2015-16	2014-15
CIVIL	1	1	0	0	0
CSE	2	0	0	0	0
ECE	2	3	1	0	2
EEE	1	1	1	1	1
MECH(UG)	0	0	1	0	0
MECH(PG)-CAD CAM	0	0	0	1	0
MBA	0	0	0	0	0
CERTIFICATE PROGRAMS INTRODUCED YEARWISE	6	5	3	2	3
CERTIFICATE PROGRAMS INTRODUCED OVER LAST 5 YRS					19

### SUMMARY

- Total no. of certificate programs organized over past 5 years under 5- Engineering programs & MBA are summarised in above table
- These programs are conducted for 5 -6 days @ 6-7 hours per day, spread across 1-2 weeks/ months in a semester
- The Resource persons are drawn either from reputed training center/industry/ in-house expertise
- A significant improvement in the total number of courses from year to year is observed
- The Eventwise 1). schedule & syllabus, 2). Sample participation certificate, 3). Participants list are herewith attached

METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY

ABIDS, HYDERABAD

EEE Department

Date: 19/01/2018

TO

The Principal/Director,

MCET,

Hyderabad.

SUB: Minute of Meeting for approval for conductio<sup>n</sup> of CERTIFICATE PROGRAMMES for the current semester -Reg

Respected sir,

The dept. of EEE is planning to conduct the following CERTIFICATE PROGRAMMES (workshops) for the current semester 2017-18 (II SEM) . The details are specified below. I request your kind approval for the same.

The syllabus is also attached for your perusal

Sl. no	Programme name	Dates	In collaboration with	coordinator
1.	CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS	FEB 2018	GREEN ENERGY TECHNOLOGIES, HYD	Mr. J.RAMESH Asst. Professor

Thanking you sir,

*Approved*  
*Lawrence*

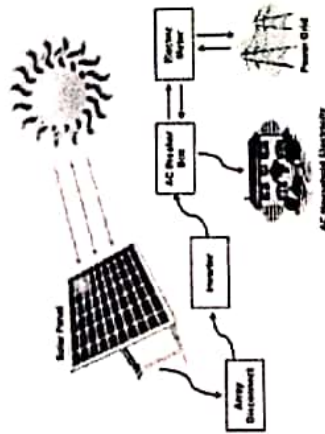
  
HOD-EEE

Head of Department  
Department of EEE  
Methodist College of Engg & Tech.  
Abids, Hyderabad-500 001

## About EEE Department:

The Department of Electrical and Electronics Engineering was started in the year 2008 with an intake of 60, with an objective of imparting quality education in the Electrical and Electronics Engineering. EEE is the oldest of the engineering streams, and its applications are many. The number of career prospects for this group is huge, and it is the reason for many people to join this course. These students are offered with high salaried jobs, especially in the public sector. They are needed in power industry, electrical machine industries, etc. A number of private companies also offer lucrative job roles for these engineers.

Due to this requirement, Methodist gives a special preference to EEE, and we had built a special base for this group. The laboratories, faculty, etc. for this group are of top notch, and we chalk out various industrial tours, seminars workshops, etc. for the benefit of our students. EEE is one of the core streams of engineering, and it is required in any case. Hence the demand for this group never decreases, and it is the steadiest stream ever.



Register on or before 20-2-2018  
&  
Know the methods to conserve  
energy and ways to reduce your  
energy bill

**Speaker:**  
B.Purusotham Chary, Manager, Green Energy Technologies

## FIVE DAY CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS

**ORGANISED BY**

*Department of Electrical & Electronics Engineering*

19-2-2018 TO 23-08



METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY  
(Affiliated to Osmania University)

King Koti Road, Abids, Hyderabad, Telangana-500001

Head of Department  
Department of Electrical & Electronics Engineering  
Methodist College of Engineering and Technology  
King Koti Road, Abids, Hyderabad, Telangana-500001



# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

## DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

### CERTIFICATE COURSE ON DESIGNING SOLAR PV SYSTEMS

#### SCHEDULE

	Times	Activity/Session	Location
DAY1	9.30AM	Registration,	Seminar hall
	10.00AM	Welcome & Introductions	
	11.00-12.30 PM	Presentation on Solar Energy Fundamentals & PV System	
	12.30-1.00pm	lunch	
	1.00-4.00PM	Presentation on Optimizing Design of Household applications	Seminar hall
DAY2	9.30AM	Welcome & Introductions	Seminar hall
	11.00-12.30 PM	System Components and Configurations	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Cells, Modules, and Arrays & practice session	OUTDOOR, MCET
DAY3	9.30AM	Charge Controllers & Inverters	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	1. Mechanical Integration 2. Electrical Integration 3. Commissioning, Maintenance, and Troubleshooting	Seminar hall
DAY4			Seminar hall
	10.00-12.30 PM	Presentation on standalone systems and hybrid systems	
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Programming work	Seminar hall
DAY5	10.00-12.30 PM	Presentation on Design and implementation solar energy system for electrification rural areas	Seminar hall
	12.30-1.00pm	LUNCH	
	1.00-4.00PM	Practice session on pv cells	Out doormcet

  
Head of Department  
Department of EEE  
Methodist College of Engineering & Technology

## **COURSE OBJECTIVES**

4. Solar Energy Fundamentals.
5. PV System Electrical Design.
6. Optimizing Design of Household
7. standalone systems and hybrid systems
8. Design and implementation solar energy system for electrification rural areas
9. Solar Photovoltaic Programme ( R & D)
10. introduction to Photovoltaic Systems
  
11. solar Radiation
12. Site Surveys and Preplanning
13. System Components and Configurations
14. Cells, Modules, and Arrays
15. Batteries
16. Charge Controllers
17. Inverters
18. System Sizing
19. Mechanical Integration
20. Electrical Integration
21. Commissioning, Maintenance, and Troubleshooting

  
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**METHODIST COLLEGE OF ENGINEERING AND TECHNOLOGY**  
 DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING  
**A FIVE DAY CERTIFICATE COURSE ON DESIGNING POLAR PV CELLS**  
**(DURING 19<sup>TH</sup> FEB - 23<sup>RD</sup> FEB 2018)**  
 LIST OF REGISTERED STUDENTS

S.NO	HT NO	NAME	SIGNATURE
1.	160716734001	Suri Sree Sainath	S. Sainath
2.	160716734002	G Praveen Kumar Reddy	Praveen. G
3.	160716734003	Devaram Satya Dev Reddy	Satyadev
4.	160716734004	ObulreddyAnitha	Obulreddy Anitha
5.	160716734005	Sandannagari Govardhan Reddy	G. Govardhan
6.	160716734006	Pasham Srinidhi	P. Srinidhi
7.	160716734007	KuntaPravalika Reddy	Pravalika
8.	160716734008	MupparapuSudheshtna	Sudheshtna
9.	160716734009	Chittireddy Karthik Reddy	Ch. Karthik
10.	160716734010	Md Asif	MD ASIF
11.	160716734012	ChitimelliRoshini	Roshini
12.	160716734013	ChiraboinaUpender Yadav	Ch. Upender
13.	160716734014	Chinthakindi Sunil Kumar	Sunil
14.	160716734015	Valiveti Sai Pavan Kumar	V. Sai pavan
15.	160716734016	N Ashok Reddy	Ashok
16.	160716734017	O Vijay	O. vijay
17.	160716734018	MahindarkarAmisha	Amisha
18.	160716734019	MukkapalliSrujan	M. Srujan
19.	160716734020	Mohammed Shamoan Suleman	Suleman
20.	160716734021	C Shiva Jyothi	C. Shiva jyothi
21.	160716734022	M Chiranjeevi	M. Chiranjeevi
22.	160716734023	Kokkula Sai	Sai. K
23.	160716734024	Md Ghouseuddin	Ghouseuddin
24.	160716734025	Anapu Sai Nikhil Chary	Sai Nikhil
25.	160716734027	Marapelly Naveen	M. Naveen
26.	160716734029	MOHAMMED HUSSAIN	Mohammed Hussain
27.	160716734030	Kazi Mohmmed Saif Ullah	Saif Ullah
28.	160716734032	Beedarkar Akhilesh Prasad	Akhilesh
29.	160716734033	Kyatham Mallika	Mallika
30.	160716734036	D Harshitha	D. Harshitha
31.	160716734037	Shaik FirdosHyder	Firdos hyder
32.	160716734038	Dharavath Dileep	D. Dileep
33.	160716734042	Ramavath Sunil Naik	R. Sunil
34.	160716734043	Kalluri Swathi Rukmini	Swathi
35.	160716734301	BODAS SRIKANATH	Srikanth

Head of Department  
 Department of EEE  
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**DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING**  
**A FIVE DAY CERTIFICATE COURSE ON DESIGNING POLAR PV CELLS**  
**(DURING 19<sup>TH</sup> FEB – 23<sup>RD</sup> FEB 2018)**  
**LIST OF REGISTERED STUDENTS**

36.	160716734302	DASOJU PRAKASH	Prakash. D.
37.	160716734303	G SANDEEP REDDY	Sandeep
38.	160716734304	GONELA NAVEEN	Naveen. G.
39.	160716734305	KETHAVATH VITTAL	Vittal
40.	160716734306	K RAGHAVENDRA NAYAK	Raghu
41.	160716734307	MAQBUL PASHA	Maqbool
42.	160716734308	METHRI KUMAR	Methri
43.	160716734309	MOHD HAFEEZ QURESH	Hafeez
44.	160716734310	PIDAMARTHI SAMPATH	Sampath
45.	160716734311	POGULA SOUJANYA	Soujanya. P.
46.	160716734312	POTHU MADHUSHA	Madhusa
47.	160716734313	SABIYA BEGUM	Sabiya
48.	160716734314	SANGEM VINAY KUMAR	S. Vinay Kumar
49.	160716734315	T BHAVANI SHANKAR	T. Bhavani Shankar
50.	160716734317	VALLAPUREDDY SHRAVYA	V. Shavya

*IN*  
INCHARGE

*[Signature]*  
HOD/EEE

# METHODIST COLLEGE OF ENGINEERING & TECHNOLOGY

(Affiliated to O.U. & Approved by AICTE)

King Koti Road, Abids, Hyderabad - 500 001, Telangana, INDIA



## Certificate of Participation

Certified that Mr/Ms Kokkula Sai Bearing R.No: 160716T34023  
of II Semester EEE Branch, Participated in Certification Courses  
on 19<sup>th</sup> - 23<sup>rd</sup> during February 2018  
in Collaboration with Green Energy Technologies, Hyd.

  
Director

  
HOD

Principal