

## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

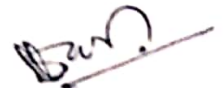
DATE: 05/12/2018

### CIRCULAR

All the students of EEE department are impressed to express their interest by enrolling their names for the "SOLAR PV SYSTEMS" starting from 21.01.2019 to 5.02.2019.

The detailed syllabus for the course is attached for your information and the enrolled students will be certified accordingly based upon the test conducted at the end of the course.

Concerned class in charges are instructed to submit the list of students enrolled within two days to the undersigned. For further information, you can contact the course coordinator or the Head of the Department.



HOD EEE

Copy to

Respected Principal and Vice Principal(for information)

Class in charges ( for action)

Notice Board( for display)



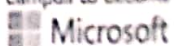
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# GURU NANAK INSTITUTE OF TECHNOLOGY

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**Campus:** Ibrahimpatnam, R.R. District, Hyderabad-501506, Telangana, India. Ph: (0/95) 8414-20 21 20/21

## SYLLABUS FOR SOLAR PV SYSTEMS:

SNO.	TOPIC COVERED	DURATION(in hours)
1	Fundamentals of Solar Cell	3
2	Solar Cell technologies	3
3	Concentrators and PV Modules	3
4	Solar Photovoltaic Modules	3
5	Balance of Solar PV Systems	3
6	Photovoltaic System	3
7	Planning & Design	3
8	Installation and Commissioning	3
9	Instrumentation & Measurements	3
10	Economical and Financial Analysis	3

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## SOLAR PV SYSTEMS

### QUESTION PAPER

Duration: 120 min

4x5=20 marks

Answer the following all questions. Each question carries 5 marks

1. Define solar constant and what is its standard value?
2. Write a short note on sizing of PV system and its storage?
3. Distinguish between flat plate and concentrating collectors?
4. How the solar radiation data is collected and what way it is helpful in solar energy conversion?



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## DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

### LIST OF STUDENTS REGISTERED FOR SOLAR PV SYSTEMS

2018-19

S.NO	ROLL NO.	NAME OF THE STUDENT	MARKS	P/F
1	15831A0243	NAROJU SRUJANA	19	p
2	15831A0244	P KEEERTHI	20	p
3	15831A0245	P. RAGHAVENDER	14	p
4	15831A0246	P SHANMUKHA	15	p
5	15831A0247	PARISHA SAITEJA	20	p
6	15831A0248	PULLURI BHARGAV	14	p
7	15831A0249	P. ACHYUTANANDA	15	p
8	15831A0250	PUTTI HARSHAL	18	p
9	15831A0251	RAMAVATHKUMAR	19	p
10	15831A0252	S SNEHALATHA	16	p
11	15831A0253	SHIRISHETTY SRIJA	13	p
12	15831A0254	SIRIPANDA RAVI TEJA	12	p
13	15831A0255	SOMU AKHILA	15	p
14	15831A0256	T. ABDUL KADAR KHAN	14	p
15	15831A0257	V. THARUN KUMAR	17	p
16	15831A0258	V. MANEESH KUMAR	18	p
17	15831A0259	VIKRAM REDDY ETTAM	19	p
18	15831A0260	YANNAM RAJESH	14	p
19	14831A0212	GOLLA ANUDEEP RAO	16	p
20	16835A0201	ANDE PAVITHRA	15	p
21	16835A0202	PRIYA MADHURI	17	p
22	16835A0203	SRIDHAR GURRAM	16	p
23	16835A0204	VINAY KUMAR SIGASARAPU	18	p
24	16835A0206	DHARAVATH RAMU	19	p
25	16835A0207	SALTEM PASHA	20	p
26	16835A0208	PREM SAI	5	f
27	16835A0209	ASHWITHA	8	p
28	16835A0210	RAJKUMAR	9	p
29	16835A0212	VADLURI HARISH	16	p
30	16835A0213	alharith abdelbagi	12	p

*[Signature]*

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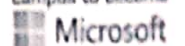
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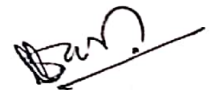
### SUMMARY REPORT OF SOLAR PV SYSTEMS

GNIT is conducting certificate course on Solar PV Systems from 21.01.2019 to 5.02.2019.

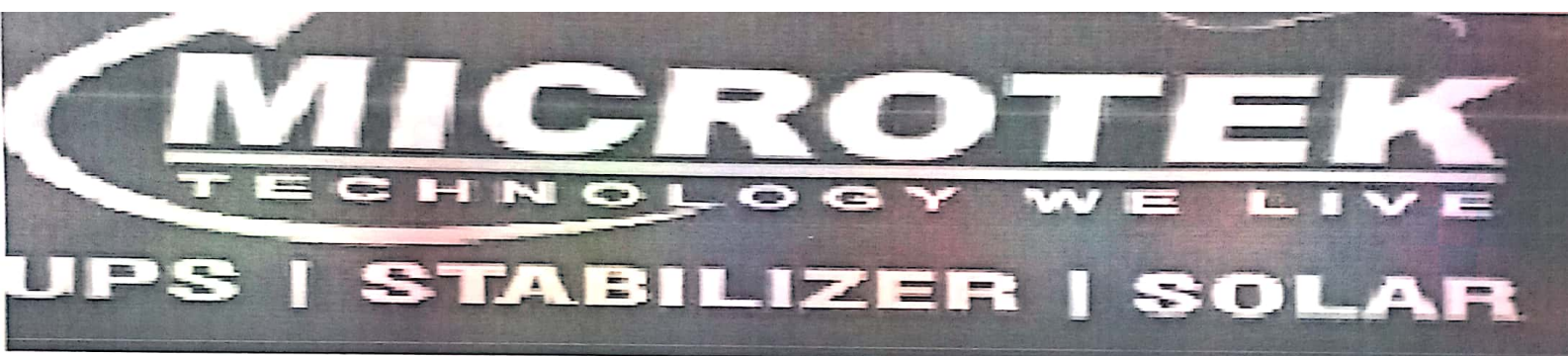
Solar energy is the energy obtained by capturing heat and light from the Sun. Energy from the Sun is referred to as solar energy. Technology has provided a number of ways to utilize this abundant resource. Solar energy is abundantly available and has been utilized since long both as electricity and as a source of heat.

This training is useful to students for the following different aspects.

- Higher education
- Project work
- To get jobs in Industries
- It is very useful to students to implement their ideas and to write journals.



HOD EEE



## *Solar Energy Expert Certificate*

This is to certify that

N. SRUJANA

has been awarded the Expert Certificate on completion of

the SOLAR PV SYSTEMS on 21/01/2019 to 5/02/2019

A handwritten signature in black ink, appearing to be "S. Srinivas", is written above the title "The Director".

The Director



## *Solar Energy Expert Certificate*

This is to certify that

V. MANEESH KUMAR

has been awarded the Expert Certificate on completion of

the SOLAR PV SYSTEMS on 21/01/2019 to 5/02/2019

A handwritten signature in black ink, appearing to be "V. Maneesha", is written above the title "The Director".

The Director