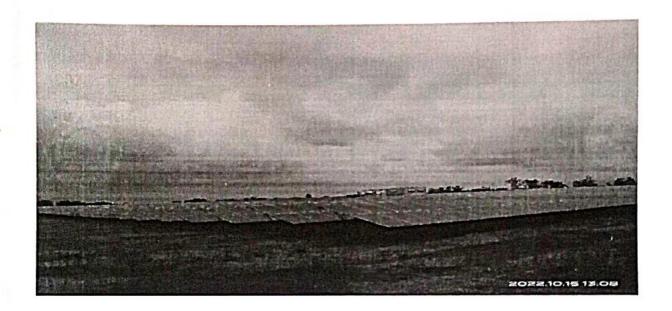


H.K.E Society's B.V.BHOOMARADDI COLLEGE OF ARTS, SCIENCE & COMMERCE BIDAR – 585403



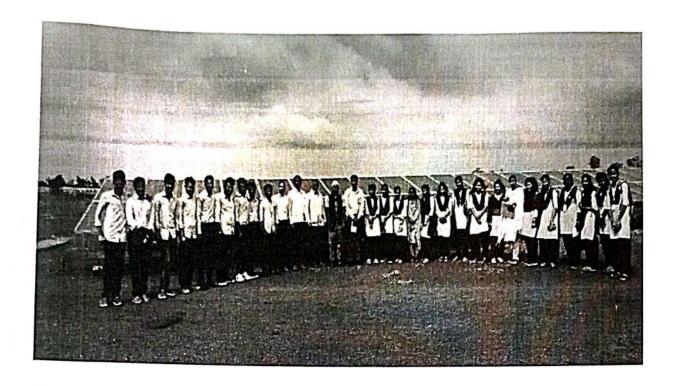
DEPARTMENT OF PHYSICS

REPORT ON FIELD VISIT TO SOLAR POWER PLANT, BEMALKHEDA (BIDAR)

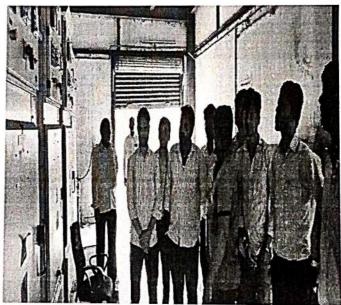


Department of PHYSICS has organized one day visit for the students of B.Sc VI Semester to Bidar Solar power plant located near Bemalkheda ,Tq – Chitguppa, Dist – BIDAR on 15/10/2022 under the valuable guidance of Dr. P.Vithal reddy , Principal , Prof. Anilkumar Andure vice principal, BVB degree College Bidar Prof. Radha B, HOD (Department of Physics)

The plant was visited by 24 students along with three faculties Prof. Praveen Purohit, Prof. Sushma, Prof. Jagannath



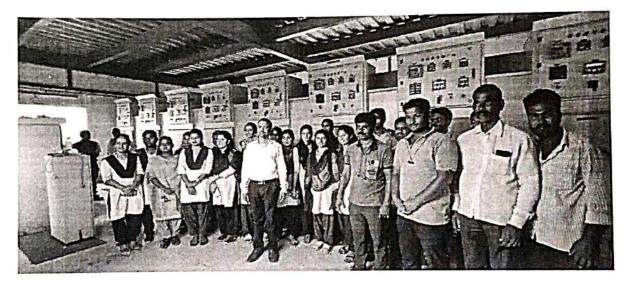




The objective of the site visits is to explore and understand practical, economically viable, scalable and sustainable energy access models. The participants will have a first-hand experience of the technology, business model, and application, operations and maintenance and on the ground issues of energy access models.

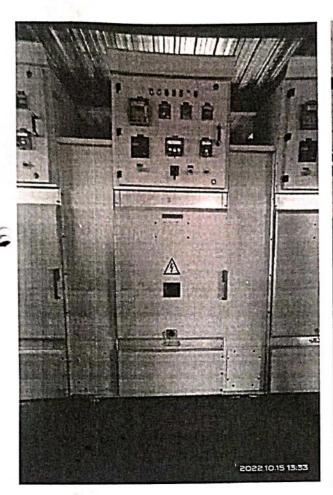
This plant is about 40 km from Bidar. A 10 MW solar power plant has been added to the BIDAR grid by GESCOM (GULBARGA) is the state run power generation company which commissioned the plant on 2014. The project is of two phases and in the first phase the plant will generate approximately 3.6 million units of power every year.



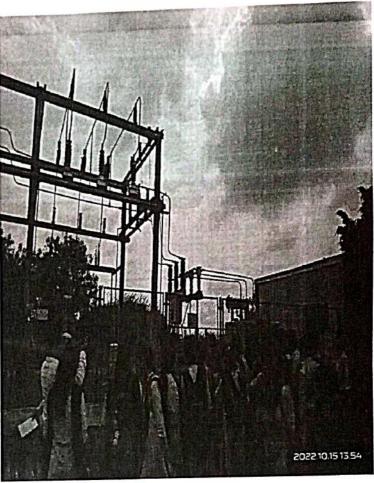


All students visited to each section of power plant like Solar panel, Inverter unit, Transformer unit and SCADA and grid connection. Now they are able to understand the concept of solar energy, working of photovoltaic cell, working of Solar panel and conversion of DC to AC by using Inverter unit, step up of voltage by transformer unit and distribution of energy by grid connection. They are able to

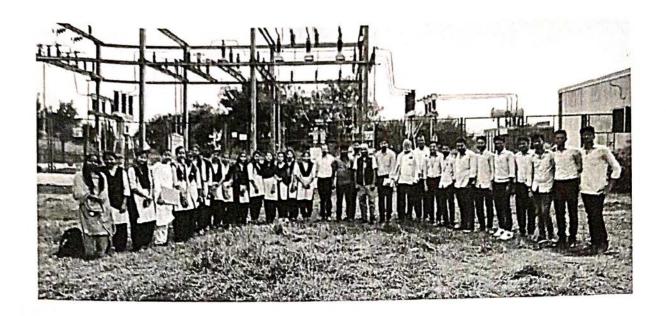
estimate the land, size and cost required for set up of solar power plant for domestic or commercial use.



6



Mr. Naga suryakanth (Engineer), Mr. Bagareddy , Mr. Jeevan reddy (In charge) explain and guided to our students in detail about solar plant.



Outcomes:

Upon completion of this field visit, the students will be able to:

- 1. Demonstrate knowledge and apply key solar electric system terms and concepts.
- 2. Students will be able to design a photovoltaic system.
- 3. Students will be able to Mount, ground, position, install wire and connect a photovoltaic system.
- 4. Students will be able to test voltage generated by photovoltaic system operate and maintain of solar power.
- 5. Students will learn different types of solar PV module and batteries used in solar PV plant.

H.O.D

6

IQAC COORDINATOR

PRINCIPAL

The principal
R.V.B. Degree collège
Bidar.

Respected six.

Semester are giving their consent to

go for one day field visit to Solar

Power Station, Remalkheda Tq. chitguppa,

Dist. Bidar on 15/10/2022 at 11.00 Am

from R.v.B. Degree college, Bidar.

The list of Students is attached.

With their Signature.

Thranking you,

Route Paris

15-10-202-2

H.K.E SOCIETY'S B.V.BHOOMARADDI COLLEGE OF ARTS, SCIENCE AND COMMERCE BIDAR

DEPARTMENT OF PHYSICS

Date: 15/10/2022

List of the students visited to solar power station at Bemalkheda Tq. Chitaguppa Dist. Bidar on 15/10/2022 at 10.30am

Sl. No	Name of the Student	Mobile number	Signature
01	Poathvi vaj. Panchol	8151812472	Arm
02	Venkodesh Pragad	8082701339	Qu'
03	Adoust Douatraj	8217777769	Adam
04	Povon kumorssio-Bonjeev	9535899912	Pavar
05	Alcah so Peerappa	9972944288	Rs
06	Shoredhan Riddy / wagara		@ Dudds
37	Aishuorya %. Ambanna	7760585311	Ayero
08	Madhu % Rajkumar	8296816691	Mrg.
09	Drigank %, Mallikarjun	8095171764	Oly
10	Usharani nelwade Dlo Sham	9242524652	hamode
- 11	Shilpa Briadon	9880321894	Auradar
19)	Samprita Ramesh	9844176298	to_
13)	Dean Rani	f829855495	Q .
14.	Vochanashree	966382 sluu	Bachona.

Sl.No	Name of the Students	Mobile number	Signature
15	Kote Nandini D/ Kashindh	9353 288564	Knavelin
16	Ruchita Dl. Rajshekhan	9591340635	* Queheto
17	Divyashore Dr. Dokodoro	6360443760	Dolyo
(2)	Bhoggashare Di. Vereup	8792202182	Pohomo :
19.	Calchanavi SINI	6361606787	Carlos
20)	Vikas S./ Basawaraj	9590562551	Bonty
21)	Chandrakanth 91. Cashinath	8088118260	Etells
22)	Rajkumar Slo Eshwas	9108790179	Roys.
23)	Nagaratna D/o Lalappa	7259551624	town
24)	Prigadarchin, D/o vithal.	7349671181	Briga
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ಜೀದರ-585 403 - ಕರ್ನಾಟಕ

Hyderabad Karnataka Education Society's

B.V. BHOOMARADDI COLLEGE OF ARTS, SCIENCE & COMMERCE

BIDAR-585 403 - Karnataka



No. HKES/BVBDC/

Date: 14/10/2022

From,

The Principal, B.V.B College, Bidar,

To.

(

The Manager GKC Projects Limited Solar power station Bemalkheda Tq. Chitaguppa Dist.Bidar

Sub: Seeking Permission to visit the solar power station.

Dear Sir,

The Students of B.Sc VI sem Physics of B.V.Bhoomaraddi College of Arts, Science and Commerce Bidar want to visit your Solar power station on 15/10/2022 at 10.30am. Kindly allow us to visit your solar power station. Faculty and Students list is enrolled with this letter.

Thanking you,

HOD

Department of Physics

The Student of BSc VI sem of B.V. Bhoomaraddi college of Asts, science & commerce Bidal visited one solar power Station on 15/10/2022. Yours faithfully,

B V Regionaredol College of Article sence & Certifiety

H.K.E SOCIETY'S B.V.BHOOMARADDI COLLEGE OF ARTS, SCIENCE AND COMMERCE BIDAR

DEPARTMENT OF PHYSICS

Date: 15/10/2022

List of the students visited to solar power station at Bemalkheda Tq. Chitaguppa Dist. Bidar on 15/10/2022 at 10.30am

Sl. No	Name of the Student	Mobile number	Signature	—
01	Prathviraj. Panchal	8151812472	- Joysones	1
<u> </u>	Vinkatish Prasad	8088701339	Que.	a
03	Adarsh Denatraj	82177777769	Adam	MODE
04	Povankumar gl. Fonjer	9535899912	Pavan	Povor
70	Akash Slo Peeroppa	9972944288	Q.	A &
oG	Shreedhareddy. N	7259814200	Q-e	8 nu
07	Vikas Cy. Basavanaj	9590562551	BX192	Ship
08	Chandrabanth 31. Rashinath	8088128260	Chill	all.
09	Deena Rani	7829811495	Ø.	Marin
10.	Shilpa Biradae	9880321894	Au	Braker .
11.	Sampleta Lainesh	9844176298	8	Se
18	Voushnau? 3 N	f819855495	J	18
13	Aishuaya Ambarna	77605853.11	Ayo	Design 1
ty	Ushariani nolwade Olo Shame	9242524652	Cathorada	Wale

- CI		Mobile number	Signature	
Sl.No	Name of the Students	Modife Hameer	1	
15.	Priyanka Slo Mallikarjun	8095171764	The state of	
16.	Modhe Sto Rajkumar	8296816691	Mip The	_
17	Vachonostroop, B	9663825144	Bachanes buh	
.18	Kafe Namini D/o Kashinall		& Naudic & Van	-
19	Ruchita DI Rojshekhaa	9591340635	Ruchito, But	do
90	Divyoshow Dr. Dottotoro	6360443760	Dinya Con	23
20	Broggastowe Dr. Verouppa	8792202182		The same
22	Rojkumas & o Educa	9108790/79	House V	
23	Nogazatra Dto Lalapson	1 330	Bake V	(
24	Pringadarshini D1. vithal	7349671181	Buys	
25	Praven Kumar (Lect)	8127634467	Coares	
26	Jagannath (lect)	9886397728	50	
27	Sughrama (Leat)	914850335	<u>\$</u>	-
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NOTICE

All the Students of B.Sc VIsem are here by informed to attend field visit to solar power station at Bemalkheda Tq.Chitaguppa Dist.Bidar on 15/10/2022 at 10.30am

Rudleb HOD

PRINCIPAL

To.

The Principal, B.V.B College, Bidar,

Sub: Requesting Permission for one day field visit to solar power station on 15/10/2022

Respected Sir,

With reference to the above cited subject, we the Department of Physics Staff members and B.Sc VI sem students wish to visit solar power station centre at Bemalkheda Tq. Chitaguppa Dist.Bidar on 15/10/2022, therefore we request you to grant the permission for field visit.

Thanking You,

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rendall.
Ashard

Yours faithfully

Department of Physics