

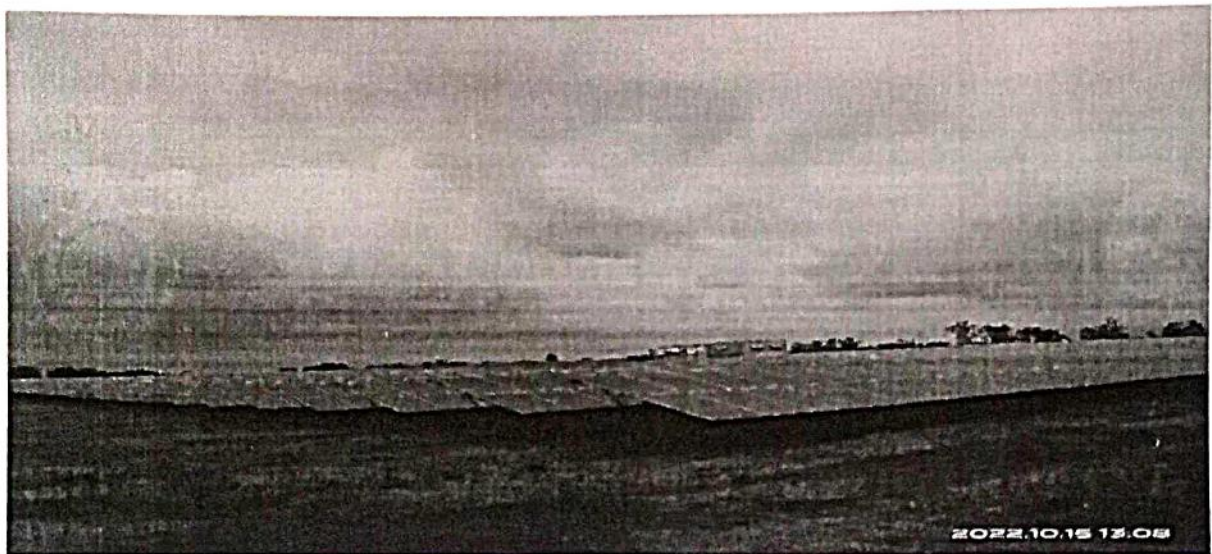


H.K.E Society's  
B.V.BHOOMARADDI COLLEGE OF ARTS,  
SCIENCE & COMMERCE BIDAR – 585403



DEPARTMENT OF PHYSICS

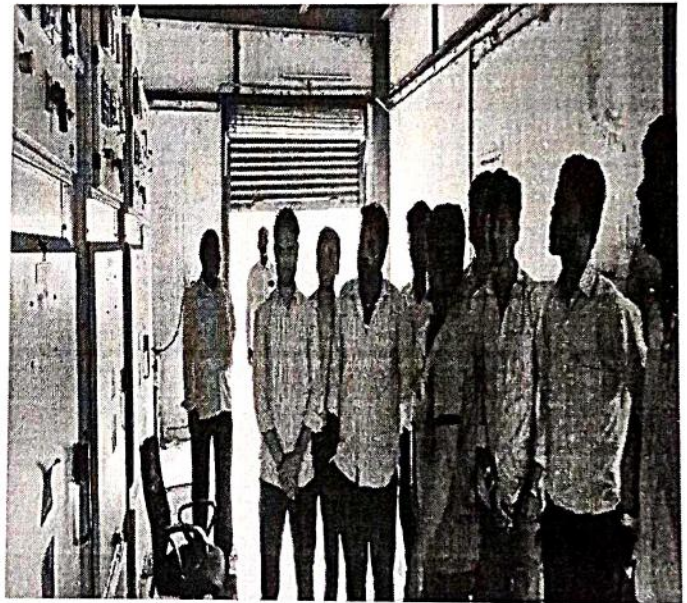
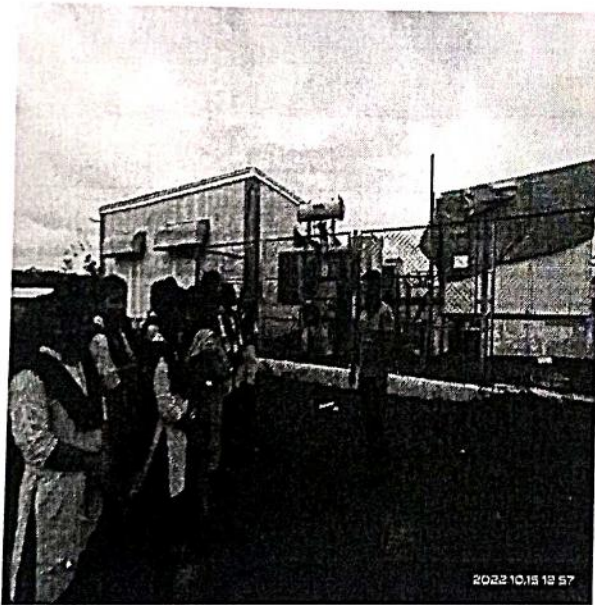
**REPORT ON FIELD VISIT TO SOLAR POWER PLANT,  
BEMALKHEDA (BIDAR)**



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

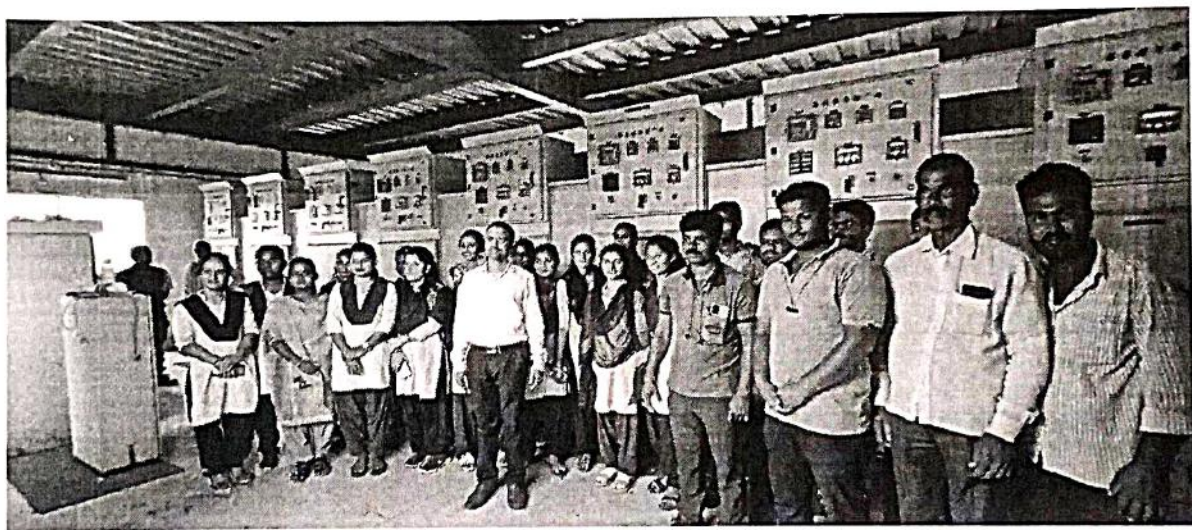




The objective of the site visits is to explore and understand practical, economically viable, scalable and sustainable energy access models. The participants will have a first-hand experience of the technology, business model, and application, operations and maintenance and on the ground issues of energy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



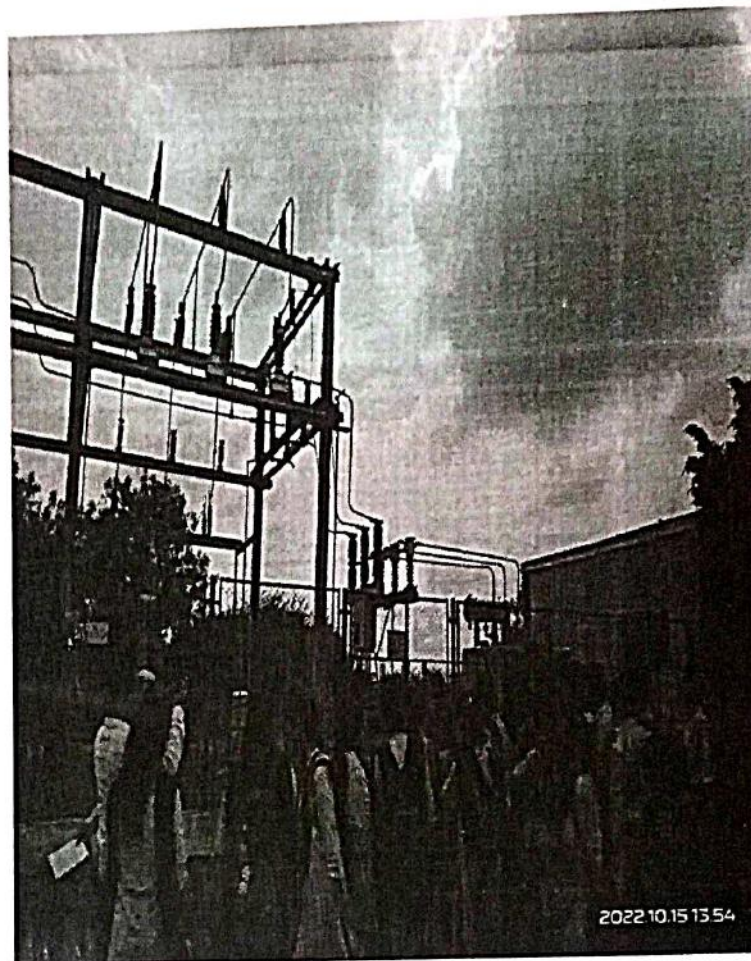
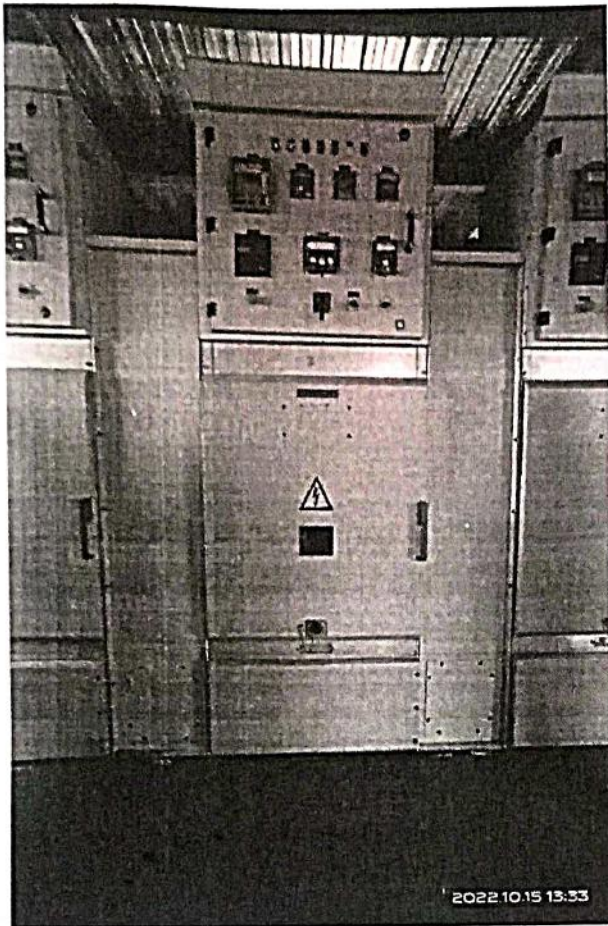
This plant is about 40 km from Bidar. A 10 MW solar power plant has been added to the BIDAR grid by GESCOM (GULBARGA) is the state run power generation company which commissioned the plant on 2014. The project is of two phases and in the first phase the plant will generate approximately 3.6 million units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

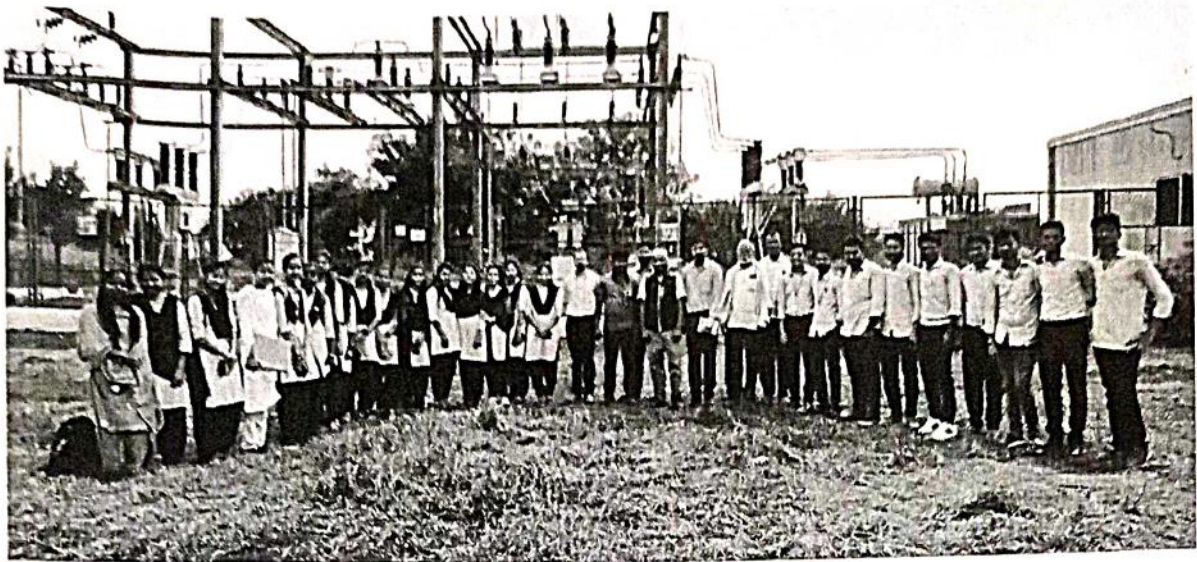


estimate the land, size and cost required for set up of solar power plant for domestic or commercial use.



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

  
IQAC COORDINATOR

  
PRINCIPAL

15/10/2022

To

The Principal

B.V.B. Degree college

Bidar.

Sub! → Consent letter

Respected Sir,

- The following students of R.Sc. VI Semester are giving their consent to go for one day field visit to Solar Power station, Bernalkhedda Tq. Chitguppa, Dist. Bidar on 15/10/2022 at 11.00 Am from B.V.B. Degree college, Bidar.

The list of students is attached with their signature.

Thanking you,

Pravin  
Pravin

Pravin  
15-10-2022




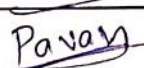
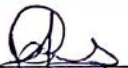
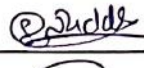
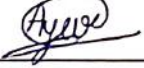


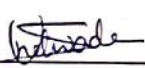
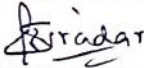
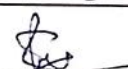

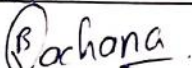


H.K.E SOCIETY'S  
B.V.BHOOMARADDI COLLEGE OF ARTS, SCIENCE AND COMMERCE BIDAR

DEPARTMENT OF PHYSICS

Date: 15/10/2022

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

Sl. No	Name of the Student	Mobile number	Signature
01	Prathviraj Panchal	8151812472	
02	Venkatesh Prasad	8088701339	
03	Adesh Dewraj	8217772769	
04	Pavon Kumar S/o Sanjeev	9535899912	
05	Aakash S/o Peerappa	9972944288	
06	Shreedhar Riddi / Nagaraj	7259514700	
07	Aishwarya % Ambanna	7760585311	
08	Madhu % Rajkumar	8296816691	
09	Priyank % Mallikarjun	8095171764	
10	Usharani nelwade S/o Shamrao	9242524652	
11	Shilpa Biradar	9880321894	
12	Sampriya Ramesh	9844176298	
13	Deena Rani	9829855495	
14	Vachanashree	9663825100	





Estd - 1960



ಹೈದರಾಬಾದ್ ಕರ್ನಾಟಕ ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಯು  
ಬಿ.ವಿ. ಭೂಮಾರದ್ದಿ ಕಲಾ, ವಿಜ್ಞಾನ ಹಾಗೂ ವಾಣಿಜ್ಯ ಮಹಾವಿದ್ಯಾಲಯ  
ಬೀದರ-585 403 - ಕರ್ನಾಟಕ  
Hyderabad Karnataka Education Society's  
**B.V. BHOMARADDI 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 enclosed with this letter.

Thanking you,

HOD  
Department of Physics



Yours faithfully,

The students of B.Sc VI sem of B.V.Bhoomaraddi college of Arts, science & commerce Bidar visited our solar power station on 15/10/2022.

PRINCIPAL  
B.V. Bhoomaraddi College  
of Arts, Science & Commerce  
Bidar

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

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02	Venkatesh Prasad	8088701339		
03	Adarsh Devatraj	8217772769		
04	Povankumar G. Ganjiv	9535899912		
05	Akash S/o Peerappa	9972944288		
06	Shreedhareddy. N	7259514200		
07	Vikas S. Basavaraj	9590569551		
08	Chandrabanth S. Kashinath	8088158560		
09	Deena Rani	7829855495		
10.	Shilpa Biradar	9880321894		
11.	Samplata Suresh	9844176298		
12	Vaishnavi. S. N	7829855495		
13	Aishwarya Ambanna	7760585311		
14	Usharani nelwade S/o Shamrao	9242524652		





## 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

  
HOD

  
PRINCIPAL



Date 14/10/2022

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 Bemalkhedra Tq. Chitaguppa Dist.Bidar on 15/10/2022, therefore we request you to grant the permission for field visit.

Thanking You,

Permis-bleed to visit power station  
25 students along with 3 staff  
members.  
Ashwini  
14.10.22

Yours faithfully

*Ashwini*  
HOD  
Department of Physics