

Bharati Vidyapeeth's College of Engg. for Women, Pune

Student Development Section

Academic Year 2022-2023

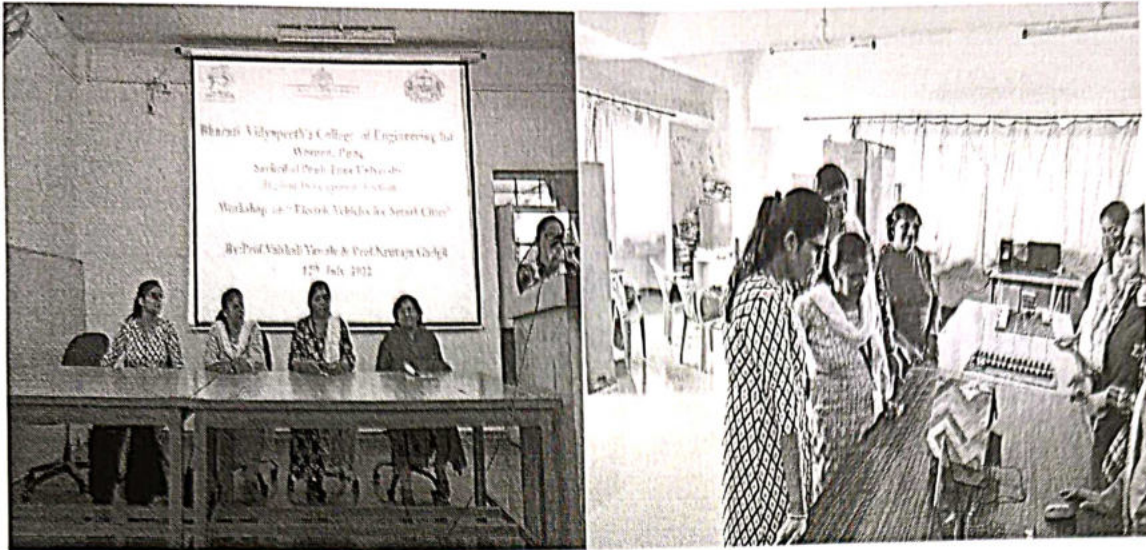
Report "Workshop on Electric Vehicles for Smart Cities"

Date: 12 July 2022

Student Development Section of Bharati Vidyapeeth's College Of Engineering For Women, Pune had organized a Workshop on **electric vehicles for smart city** by professors Vaishali Yavale and Krutuja Gadgil of AISSMS IOT college.

In the beginning we were briefed about the invention of the 1st electric vehicle invented by Yawale Ma'am, she told us that the 1st electric vehicle was invented in 1834 by Thomas Daveport. She gave the brief history about electric vehicles. There was non chargeable electric car in 1851, there was an invention of Nineteen Minutes per hour In 1859 lead acid storage batteries were invented. In 1874 battery power carriage was invented. In 1900 when 4200 automobiles were sold. In 1920s the electric vehicles disappeared and the ICEV became predominant. Disappearance and resurgence were seen. Electric vehicles were more expensive so they were disappeared. Then further Gadgil Ma'am introduced us with the types of electric vehicles: battery electric vehicles, hybrid electric vehicles, plug in hybrid electric vehicles are the types of electric vehicles. Architecture of electric vehicles: series configuration, Parallel configuration, series parallel configurations are seen in the electric vehicles. Degree of hybridization: Micro hybridization, Mild hybridization, Full hybrid plug in hybrid. Inductive and conductive charging vehicles. Even AC & DC charging are there in Electric vehicles

Battery characteristics road map of electric vehicles policy in India was introduced by Gadgil Ma'am. Thereafter she introduced us about their experiment which her students and she prepared. With the help of Scrap bike they made an Electric Vehicle in their college itself. They used lead acid battery, and the top speed of their invented electric bike was 35 km per hour. The electric motor which they used was BLDC 750 watt, the range of pickup was 9.5 km per charging, manufacturing of the invented electric vehicle was around 20000 assumptions of the mass was 170KG. Along with this Gadgil Ma'am also introduced us with some disadvantages about electric vehicles such as when electric vehicle passes by, there is no sound of the vehicle and hence rider does not understand or know someone's passing beside him/her. The battery if destroyed can charge us heavy. Time Span of the electric vehicles are more as we live in India, we are not patient enough to wait for a long time to get our vehicle batteries charged. These are the disadvantages stated, which brought the workshop to the end. Refreshments were served to all students and teachers after the workshop. 4 staff members and 71 students attended the workshop.




SDO

Prof.K.R.Chaudhari





Principal

BVCOEW, Pune

I/C PRINCIPAL

**Bharati Vidyapeeth's
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Bharati Vidyapeeth's College of Engg. for Women, Pune-43

Student Development Section

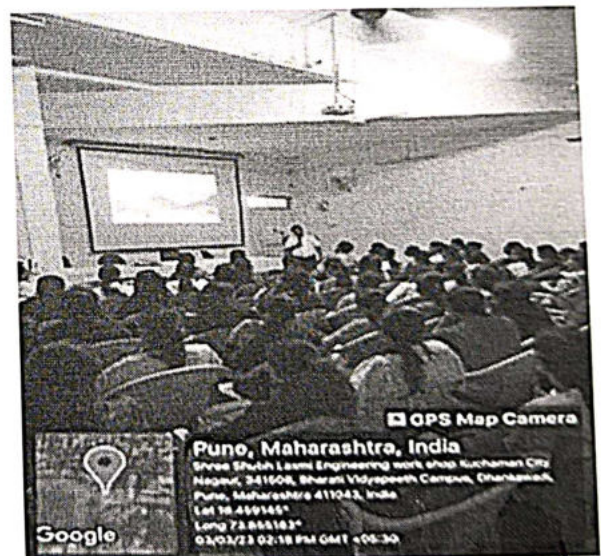
Academic Year 2022-2023

Report "Workshop on Green Electric Power Generation"

Date: 3 and 4 March 2023


On 3rd and 4th March '23, a workshop on Green Electric Power Generation was held in our college by Mr. Yogesh Mahaparale. He told us new information about the U.S. voluntary market, and that green power is defined as electricity produced from solar, wind, geothermal, biogas, eligible biomass, and low-impact small hydroelectric sources.

Renewable energy comes from sources that are constantly and naturally renewed (hence the name), such as wind power and solar energy. Renewable energy is also often called sustainable energy. Renewable energy sources are the opposite of fossil fuels, like coal and gas, which are a finite energy source. It was a very helpful and informative session. Surely this will benefit all the students in a great way! 130 students and 4 faculty attended this workshop.



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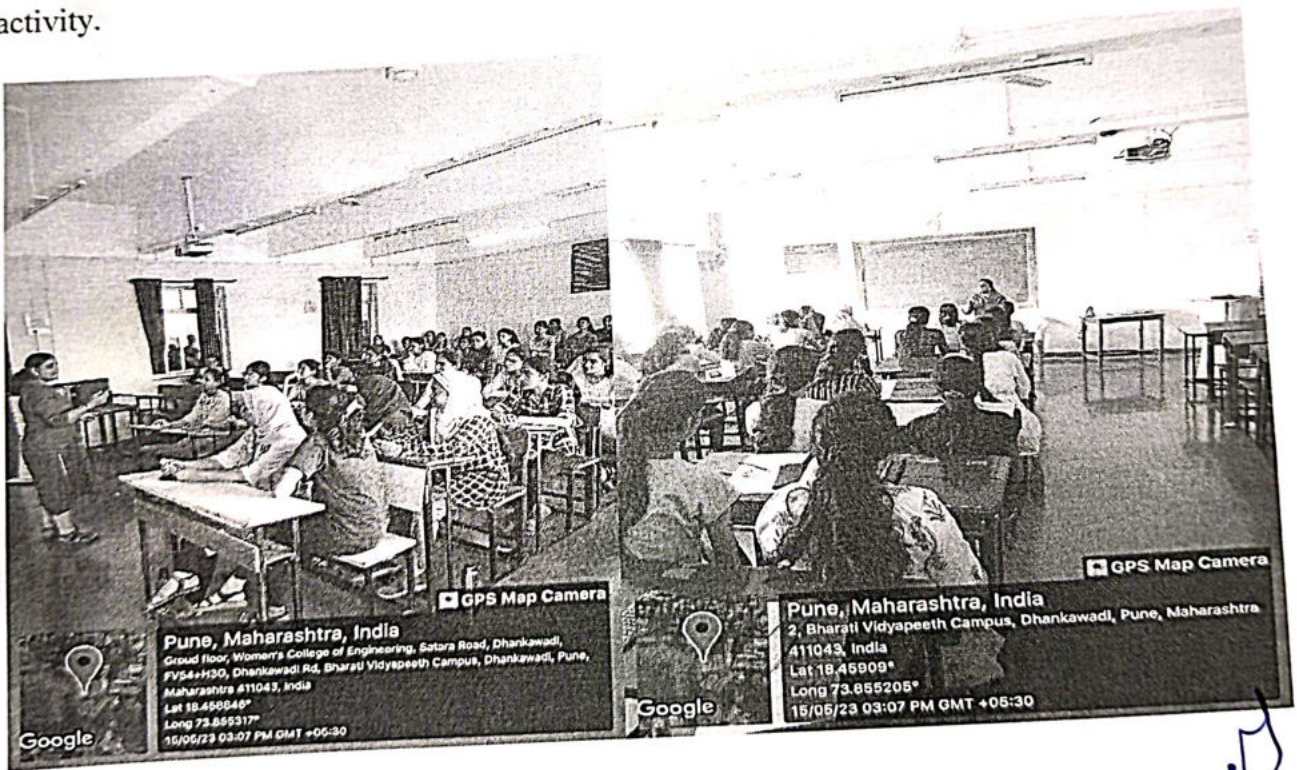
Student Development Section

Academic Year 2022-2023

Report "G20 Antargat 3rd Energy Transition Working Group Upakram"

Date: 16 May, 2023

The 3rd Energy Transition Working Group (ETWG) meeting under G20 has been organized from 15th to 17th may 2023 in Mumbai . Considering this , The students seminar on topic **LIFE STYLE OF ENVIRONMENT** and **CONSERVATION OF ENERGY SOURCES** was conducted by Prof.D.P.Chopade on 16 th May 2023 at BVCOEW. The event was officiated by the head of student development committee Prof. K.R.Chaudhari. This program did initially led us to know about the importance of environment . It had encouraged us to adopt eco-friendly practices and to become pro-planet people. Also, the supply of energy on earth is not infinite . furthermore , it can take long time to regenerate energy. Hence .This seminar helped us to understand the importance of conservation of energy sources.55 students and 1 staff member attended this activity.



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BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

PUNE-SATARA RD., PUNE – 411043

Academic Year 2018-19

Notice

Date: 6/6/2018

As we are aware of that plastic is non-biodegradable and it pollutes our environment very badly. It takes many years to disintegrate. Every little action we take to reduce our consumption of plastic is a big step in protecting the future of our planet and our precious wildlife. To create the awareness regarding the pollution caused by plastic and take an initiative, all the staff members (teaching & supporting staff) and students are hereby requested to drop plastic bags, coffee cups, plastic straws, plastic water bottles, plastic cups in the dustbin placed at first floor near exam control room 102.

Let's say "NO TO PLASTIC".

IQAC Co-ordinator
Prof.S.T.Khot

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- 6) Library
- 7) Administrative Office
- 8) Gymkhana Dept.

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BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

PUNE-SATARA RD., PUNE – 411043


Academic Year 2019-20

Notice

Date: 7/6/2019

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Academic Year 2020-21

Notice

Date: 5/6/2020

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Prof. Dr. S.R. Patil

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BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

PUNE-SATARA RD., PUNE – 411043

Academic Year 2021-22

Notice

Date: 6/6/2021

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PUNE-SATARA RD., PUNE – 411043

Academic Year 2022-23

Notice

Date: 7/6/2022

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BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING FOR WOMEN

PUNE-SATARA RD., PUNE – 411043


Academic Year 2023-24

Notice

Date: 6/6/2023

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IQAC Co-ordinator
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1, Bharati Vidyapeeth Campus, Dhankawadi, Pune,
Maharashtra 411043, India

Latitude

18.4591041°

Longitude

73.8551338°

Local 11:25:44 AM

GMT 05:55:44 AM

Altitude 588.4 meters

Monday, 28-03-2022

E- waste collection bin



GPS Map
Camera Lite

1, Bharati Vidyapeeth Campus, Dhankawadi, Pune,
Maharashtra 411043, India

Latitude
18.4592215°

Longitude
73.8551221°

Local 11:31:18 AM
GMT 06:01:18 AM

Altitude 585.5 meters
Monday, 28-03-2022

Composting of Canteen waste



 GPS Map
Camera Lite

1, Bharati Vidyapeeth Campus, Dhankawadi, Pune,
Maharashtra 411043, India

Latitude

18.459052°

Longitude

73.8551781°

Local 12:51:33 PM

GMT 07:21:33 AM

Altitude 588 meters

Monday, 28-03-2022

Solid waste collection Bin



 GPS Map
Camera Lite

1, Bharati Vidyapeeth Campus, Dhankawadi, Pune,
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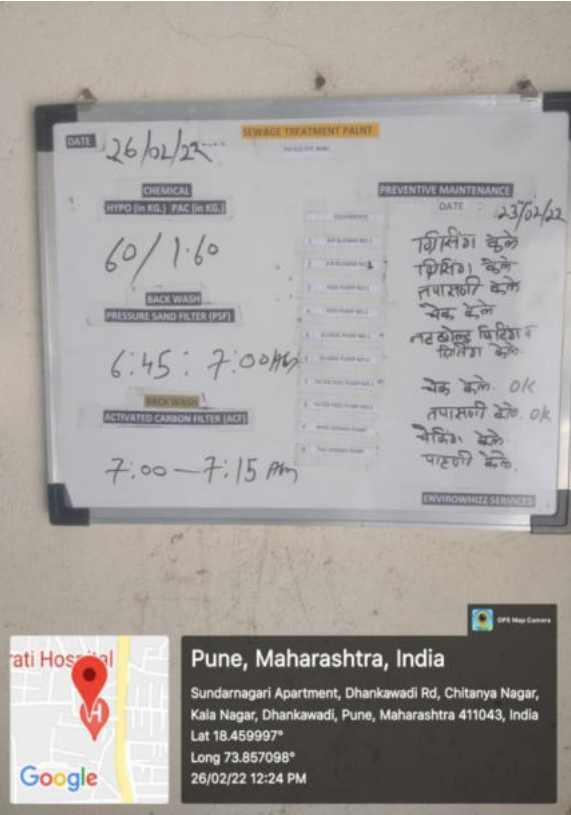
Latitude
18.459052°

Longitude
73.8551781°

Local 12:51:27 PM
GMT 07:21:27 AM

Altitude 588 meters
Monday, 28-03-2022

Solid waste collection Bin



Sewage Treatment Plant (STP)



WASTE TREATMENT PLANT AT BHARATI HOSPITAL

S.NO.	TANK NO.	TANK NAME
1	101	WASTE WATER TREATMENT TANK
2	102	WASTE WATER STORAGE TANK
3	103	WASTE WATER TREATMENT TANK
4	104	WASTE WATER STORAGE TANK
5	105	WASTE WATER TREATMENT TANK
6	106	WASTE WATER STORAGE TANK
7	107	WASTE WATER TREATMENT TANK
8	108	WASTE WATER STORAGE TANK
9	109	WASTE WATER TREATMENT TANK
10	110	WASTE WATER STORAGE TANK

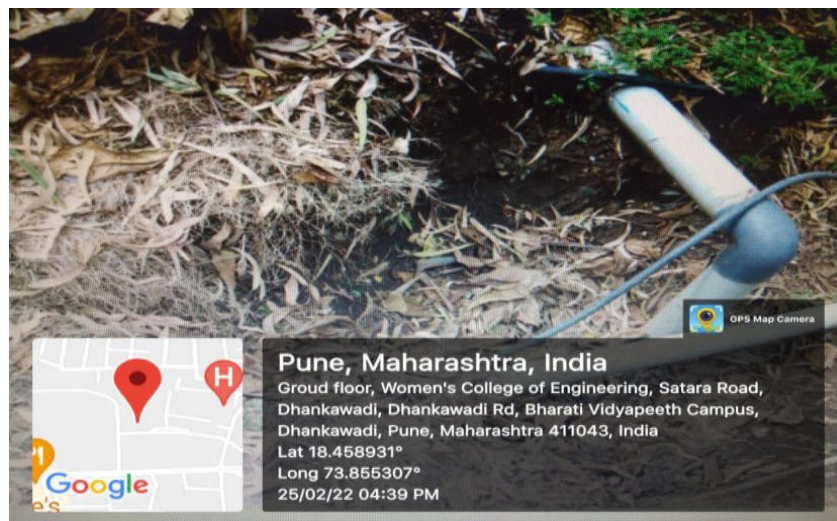
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 Lat 18.45995°
 Long 73.85722°
 26/02/22 12:27 PM

Pune, Maharashtra, India
 Sundarnagari Apartment, Dhankawadi Rd, Chitanya Nagar,
 Kala Nagar, Dhankawadi, Pune, Maharashtra 411043, India
 Lat 18.459966°
 Long 73.857061°
 26/02/22 12:26 PM



Recycled waste water distribution system in the campus



Waste water recycle plant

