



Vidyavardhini's College of Engineering and Technology
K.T.Marg, Vasai Road |(west); Dist-Palghar;Pin-401202

Academic Year	2022-23		
TITLE	Energy Conservation Week 2022		
Organizing Committee	--		
Date:	14/12/2022- 20/12/2022	Time	10 am
Venue of the Event	Seminar hall		
No of participating Students	21		
No of participating faculty	10		

Swapnil Mane
Faculty In-charge


HOD,
HEAD
Dept. of Mechanical Engg.
Vidyavardhini's College of
Engineering & Technology
Vasai Road-401202.



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Vidyavardhini's College of Engineering & Technology
Academic Year 2022-23

Report on Energy Conservation Day 2022

Program Energy Conservation Day 2022

Date 14/12/2022

Venue

1. Vidyavardhini's College of Engineering
2. Municipal outskirts of Vasai West region for Bicycle Rally
3. Podar School, Vasai West
4. New English School, Nirmal, Vasai
5. St. Annes High School, Vasai West
6. Shree Taramai Vartak Memorial Academy, Virar

Description Every year, Department of Mechanical Engineering, Vidyavardhini's College of Engineering and Technology (VCET), Vasai (west), organizes "Energy Conservation Week". The event is organised on "World Energy Conservation Day" i.e 14th December to highlight the importance of energy consumption and its use in our day-today life.

The contents covered in this program are:

Sr No	Name of Activity	Date	Duration
01	Inauguration of Energy Conservation Week 2021 by Mrs. Rashmi Joshi,	14/12/2022	3 pm to 5 pm
02	Expert Talk on the Roadmap for Electric Vehicles – Earth EV	15/12/2022	3pm to 5 pm
03	Bicycle rally to create awareness about Energy conservation and energy Efficiency	16/12/2022	10 am to 12 pm
04	Renewable Energy Startup talk by Mr. Ratnesh Shingrupe, Quasar Innovative Solutions.	19/12/2022	10 am to 12 pm
05	Outreach Activity by the Faculty of Mechanical Engineering Department at various schools in the VVCMC Region	20/12/2022	9 am to 5 pm

Organized Coordinators: Mr Swapnil R Mane, Assistant Professor, Mechanical Engineering

By Chief Guest: Mrs. Rashmi Joshi, Environment Consultant, Mumbai



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Guest Lecture by Mrs. Rashmi Joshi on Energy and Environment
14th December 2022

Venue: Ground Floor Seminar Hall (3pm to 5pm)

About the Guest:

Name: Ms. Rashmi Joshi

Designation: Environment Consultant

No. of Participants: 21

Phone no. 9819599851

Mail id rashmijoshi72@rediffmail.com

Currently working as Environment Consultant for last 10 years with a special focus on Composting,

E-waste Collection Drives, Seed ball making and Kitchen Gardening

Educational Qualifications

M.A. (Greek Philosophy), NET Exam Qualified

Experience

- Lecturer at Ruparel Junior College, Khalsa Degree college, Government Law College and Mumbai University
- Public awareness related to environment issues-
- Creating awareness among students in particular and society in general by delivering lectures, guidance, training and implementation of composting projects at around 50 plus schools, colleges and 100 plus housing societies.
- E-waste collection, plastic waste collection and sending it for recycling – from approximately 50 colleges of Mumbai, Navi Mumbai, Thane, Pen (Raigad) & Ratnagiri; 200 plus housing societies and 25 Schools and other institutions including the corporates.
- Organisation of E-waste collection drives in 40 colleges, 25 schools and 50 residential colonies of Mumbai, Dombivali, Thane & Navi Mumbai and collected around & 20 ton of E-waste and its disposal for scientific recycling to Government approved recycler. This way the E-waste reached the recycling facility instead of reaching the dumping ground.
- Similarly, composting projects were completed at several locations and few hundred tons of wet waste in the form of kitchen waste and garden waste was prevented from reaching the dumping ground.
- Conducted around 2000 plus awareness lectures on Solid Waste Management in various Educational Institutions, Housing Societies & other Institutions.
- I was also involved in organization of Plastic Waste Collection Drives in various educational and other institutions.
- Conducted webinars in around 100 institutions during lockdown till date. Awareness interviews on All India Radio as well as Media Coverage in various Newspapers.

Awards and Achievement

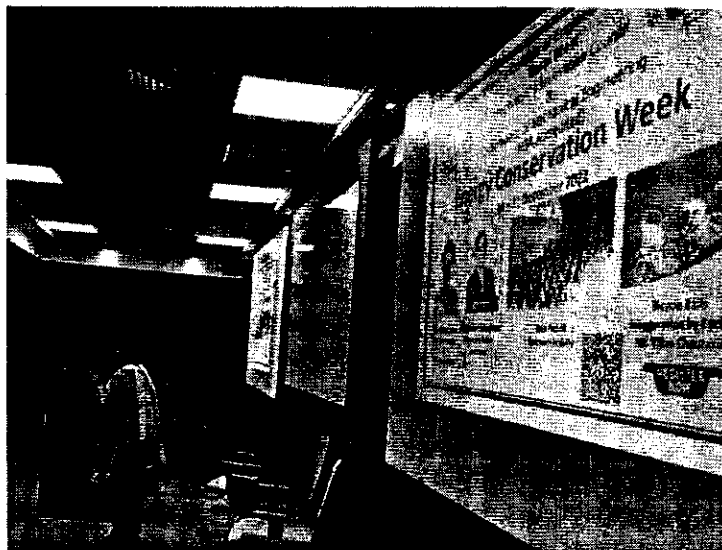
- Felicitated by Thane Municipal Corporation
- Felicitation by F/North Ward of MCGM.
- Naari Swashakti Puraskaar.
- Guru Nanak College Award
- Prasar Bharati Award for work in Swachh Bharat Abhiyan
- Kartrutvavaan Naariratna Gaurav Puraskar 2020
- Corona Warrior Awards (from 4 Organizations)
- Rajyastariy Covid Yodhha Samaj Rakshak Mahasanman 2021
- Adarsh Corona Warrior Award received on 1st May 2021.
- Served a critical cancer patient continuously for two years.



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Mrs. Rashmi Joshi addressed about the scientific findings that a global energy transformation is needed to address the growing risks associated with accelerated global environmental change. Anthropogenic pressures on the planet have reached a level where large-scale deleterious impacts, or even catastrophic ones, can no longer be excluded. She also mentioned that such impacts have the potential to undermine human development.



Ms. Rashmi Joshi addressing Students during Seminar

This new global social environmental predicament is closely associated with energy. Atmospheric emissions from energy use contribute to multiple environmental impacts. In addition to climate change, atmospheric pollutants may limit net primary productivity of ecosystems, and lead to the acidification and eutrophication of land and seascapes. Energy and Environment



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interact, reinforcing impacts on social and environmental systems, in complex ways that are not always well understood. She talked about Climate change and GHG emissions.

Students asked about how they can contribute to reducing the impact of Global Climate change to which she replied to follow the SDG's which can cause a greater impact on the sustainability index of the country.

The session ended with a vote of thanks by Mr. Vishwas Palve, Assistant Professor at the Department of the Mechanical Engineering.

Prepared By

Swapnil Mane

Coordinator, ECW 2022

Assistant Professor, MECH Dept.

HEAD

Dept. of Mechanical Engg.
Vidyavardhini's College of
Engineering & Technology
Vasai Road 401 202.



VIDYAVARDHINI'S COLLEGE OF ENGINEERING & TECHNOLOGY

Founder President Late Padmashri H. G. Vartak
(Approved by AICTE and Affiliated to the University of Mumbai)
Four Branches Permanently Affiliated by University of Mumbai



K. T. Marg, Vasai Road (W), Dist. Palghar - 401202, Maharashtra.
Tel.: 0250 - 2338234 (6 Lines) • Fax: 0250 - 2339486 • Email: vcet_inbox@vcet.edu.in
Website: www.vcet.edu.in

Report of Expert Talk on Process of Innovation Development Technology Readiness Level(TRL), Commercialization of Lab Technologies and Tech-Transfer 19th Dec 2022

Objective: The process of Innovation Development in Solar Energy Conservation and Start up Strategy

About the Speaker: The guest speaker for the session

1. Speaker:- Mr.Ratnesh Shingrupe

Founder- and CEO of Quasar Innovative Solutions – India (Qinso),Thane Maharashtra

Brief introduction

Quasar Innovative Solutions – India have received four national awards in System Designing in Renewable Technology. Years of R & D in Industry has gained confidence to attempt for extremely difficult levels of Projects Implementation. Challenges inspires Quasar Innovative Solutions – India to work & resolve them with best possible solutions. Environment & Innovative research are the fields which inspires them to work passionately for betterment of the society. We wish for the better business relations in coming time.

Mr.Ratnesh graduated in Computer Science from Mumbai University established his own start up by this venture. Mr.Ratnesh is a motivational speaker for the students since long time and today he is presenting about the innovation development technologies ,TRL and ways of commercialization

Brief discussion of the event

Mr.Ratnesh is very close to solar energy work and established his own Quasar Innovative Solutions – India (Qinso) for manufacturing of solar panels. Mr.Ratnesh is actively involved in the solar photovoltaic plant installation and commissioning.

Brief Description of the event

Mr. Ratnesh elaborate about the clear goals and vision. In view of Mr.Ratnesh, the vision should be created keeping long term goals. This vision only powers the enterprise to travel on the path of growth. This vision set by the founder of entrepreneur should be the vision of all employee working in the enterprise. Its not only to earn higher salary or higher position in the company.

The broad vision may have small small goals in order to fulfill the vision. Time to time after reaching to set targets, the vision of the company could be improvised.

Mr.Ratnesh highlight of getting inspired by the vision. All employees together will prepare the action plan the vision. If all focused on vision then the small goals are automatically fulfilled.

Mr. Ratnesh emphasis that see the dreams when you are awake not when you are sleeping. Those you can follow and put forward steps towards fulfillment of them.

Mr.Ratnesh established his own competence keep consistency in the technology readiness level with respect to market. Mr.Ratnesh explained about the TRLs for establishing an enterprise rather who could mac his/her way towards enterprises based on TRL, MRL. The review of market should be very important and one should keep the plan in hand to execute the technology on time.

Be diligent and and inspired for technology transfer with industries ,research labs for prograss of the product in term consumer market gain.


Overall the session was excellent and may videos shared by Mr.Ratnesh during installation of the solar plants by their venture. The mathematics of calculating the project cost and quoting also discussed in details. Students were actively participated in the Q and A session. Total 52 students and 4 faculty members were participated in the event.

Thank you


Dr. Ashish Chaudhari

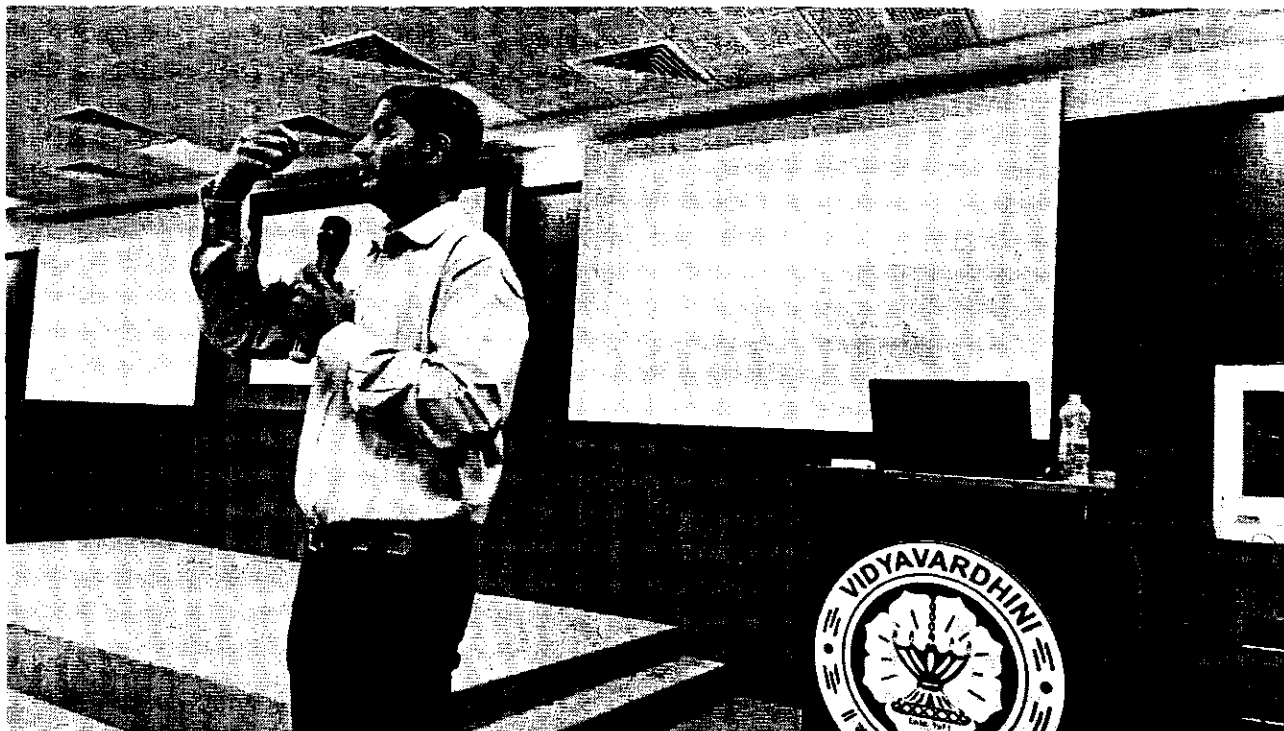
Dr.Ashish Chaudhari

President IIC


HEAD
Dept. of Mechanical Engg.,
VidyaVardani's College of
Engineering & Technology
Vasai Road 401 202.

Report of
Expert Talk on Process of Innovation Development Technology Readiness
Level(TRL),Commercialization of Lab Technologies and Tech-Transfer
19th Dec 2022

Glimpses of the Event



Mr. Ratnesh addressing Students during Seminar



Vidyavardhini's College of Engineering & Technology
First Year Engineering
Academic Year 2022-23
Guest Lecture by Mrs. Rashmi Joshi

Attendance Record

Roll No.	Name of Student	Signature
1	BHOIR JIDNYEYA SHYAM	Jidnyeya
2	BHURKUD DEEP SUHAS	Bhirkud
3	BREED NIRMIT WAMANRAO	Nimit
4	CHANDALIYA HARSH DINESH	Aash
5	DAHAKA OM PRASHANT	Dahake
6	DHANU DHRUV RAJESH	Dhruv
7	DIWALE SAISH ABHAY	Saish
8	GUPTA SUNNY AMAR	Sunny
9	KARKERA ANURAG RAJENDRA	Anurag
10	KATHAIT HARSHVARDHAN RAJESH SINGH	Kathait
11	PATIL GIRISH SANTOSH	Patil
12	SAYED FARHAAN SALIM	Sayed
13	SHIGWAN CHETAN MOHAN	Chetan
14	SINGAD SHUBH MAHESH	Shubh
15	MISHRA AMAN RANJEET	Aman
16	MORE ARYAN RAJENDRA	Aryan
17	NADAR JAYSURYA RAJADURAI	Jaysurya
18	NIVATE MANAV MOHAN	Manav
19	PARKAD KRISHNA HANUMAN	Krishna
20	PATEL DASHRATH BHIMARAM	Dashrath
21	PATIL OM RAJU	Patil

Rashmi
Swapped Name

Total Students = 21 Nos.