



EXCELSSIOR EDUCATION SOCIETY'S
K. C. College of Engineering & Management Studies & Research
Mith Bunder Road, Kopri, Thane (E)



Cycle – 2 NAAC Accreditation 2024

Criteria 7: Institutional Values and Best Practices

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution.
The institutional environment and energy initiatives are confirmed through the following.

1. Green audit / Environment audit
2. Energy audit:
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion and sustainability activities

Submitted to



National Assessment and Accreditation Council



Excelssior Education Society's
K.C.College of Engineering and Management Studies and Research
(Affiliated to the University of Mumbai)
Mith Bunder Road, Near Hume Pipe, Kopri, Thane (E)-400603
Eco Club Activity - A. Y. 2022-23

Sr. No.	Title	Date	No. of Participants
1	Enviornmental Pledge Day (World Environmental Day)	05.06.2023	40
2	Seed Ball Preparation Workshop for Faculties and First year Engineering Students	03.06.2023	14
3	Project Exhibition (Humanities and Applied Sciences)	25.05.2023	150
4	Holi celebration	7.03.2023	12
5	Dry-waste collection Drive	16.01.2023 17.01.2023	-
6	Plant Distribution Day	2.01.2023	40
7	First Year Engineering Induction "Green Initiative"	16.11.2022	150
8	Amla Navami	01.11.2022	5
9	Seed Plantation Trek	24.9.2022	15
10	Seed Balls Preparation Workshop for second and final year engineering students	10.8.2022	20

Eco Club Activity - A. Y. 2021-22

Sr. No.	Title	Date	No. of Participants
1	Tree plantation Day on behalf of World Environment Day	3.06.2022	23
2	a) Webinar on "Organ donation" b) Presentation Competition	21.05.2022	51 50
3	No-vehicle day	20/05/2022	39
4	Online Quiz Based on Environmental Science - (2021-22)	02.05.2022 to 20.05.2022	177
5	Holi celebration with Natural colors without using water	18.03.2022	34
6	Baisakhi celebration (Decoration with waste products. No plastic usage)	13.04.2022	34
7	MOU Signed with Environment Consultant Mrs. Rashmi Joshi (From 10.08.2021 To 09.08.2025)	25.01.2022	
8	FE Induction:"Webinar" Environment awareness program.	5.01.2022	

Eco Club Activity - A. Y. 2020-21

Sr. No.	Title	Date	No. of Participants
1	Online National Level Quiz on Environmental Science (2020-21)	26.06.2021 to 05.07.2021	135
2	Webinar on E-Waste management	31.05.2021	163
3	FDP on Emerging Areas of Research in science and Enviornment-online	05.06.2021 & 07.06.2021	292
4	Tree (Sapling) Donation Drive	03.03.2021	97
5	One student One Tree Plantation activity online event (Online)(FE Induction)	09.02.2021	34
6	Online Session on Green Initiatives on Enviornmental Sustainability	06.02.2021	97
7	MOU Signed with Environment Consultant Mrs. Rashmi Joshi.From (09.08.2021 to 10.08.2021)	21.12.2020	---
8	Webinar on Kitchen and Terrace Gardening	23.10.2020	86

Eco Club Activity - A. Y. 2019-20

Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research.

Sr. No.	Title	Date	No. of Participants
1	Webinar on "Air Pollution, Global Warming, Climate Change, Society and Sustainability" (World Environment Day)	05.06.2020	179
2	"Covidity 2020" National Level Online Poster Making Competition - The Engineer's Way	26.05.2020 - 30.05.2020	75
3	Online National Level Quiz on Environmental Science	22.05.2020 - 27.05.2020	2021
4	Sharpen The Edge - Oral Presentation (Paryavaran-Environmental Science)	03.03.2020	60
5	Tree Plantation by Rotarians (FE Induction-2019)	10.08.2019	7 Guest
6	Tree Plantation by First Year Students (FE Induction-2019)	08.08.2019	FE Students
7	ECO Awareness Program (FE Induction-2019)	08.08.2019	FE Students
8	MOU Signed with Environment Consultant Mrs. Rashmi Joshi.	08.08.2019	
Eco Club Activity - A. Y. 2018-19			
Sr. No.	Title	Date	No. of Participants
1	E-Waste Collection Drive	18.05.2019	25
2	Paper Waste Collection Drive	24.04.2019	50
3	No Vehicles Day	28.02.2019	24
4	Cleanliness Awareness Program	29.01.2019	50
5	Green Audit	03.01.2019 to 04.01.2019	60
6	Green Campus Award	2018-2019	35
7	LED Bulbs & Tubes Installation	2018-2019	22




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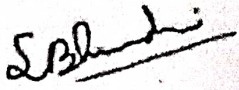
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K. C. College of Engineering and Management Studies and Research
(Affiliated to the University of Mumbai)
MithBunder Road, Near Hume Pipe, Kopri, Thane (E)-400603

Report on Environmental Day Pledge

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged a pledge- taking program for first year engineering students on 5th June 2023.

On behalf of World Environmental Day, first year engineering students have pledged to maintain sustainability in the environment in the following area.

1. Climate change
2. Conservation and biodiversity
3. Waste reduction recycling
4. Water conservation
5. Sustainable consumption and transportation



Ast.Prof. S.Bhuma Devi
Eco Club
KCCMSR, Thane



Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research.



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Report on Tree Seed Balls Preparation workshop

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged "Seed Balls Preparation Workshop" on 3rd June 2023.

The event has started with the warm welcome of Chief Guest, faculty members and first year engineering students. Chief Guest Ms.Rashmi Joshi has given a short introduction about the workshop.

Chief Guest Ms.Rashmi Joshi had brought all the things like seeds, mud, and paper plates which were utilized in seed balls making. She had explained the steps which were involved in the seed balls preparation and explained the precautions which should be taken to preserve the seed balls. Hundred and seventy seven seed balls had been prepared in this workshop. Nearly fifteen students of first year engineering and fifteen faculties of all the departments had participated in this workshop.

Asst.Prof. S.Bhuma Devi
Eco Club
KCCEMSR, Thane

Dr. Vilas N. Nitna
Principal
College of Engineering &
Management Studies and Research



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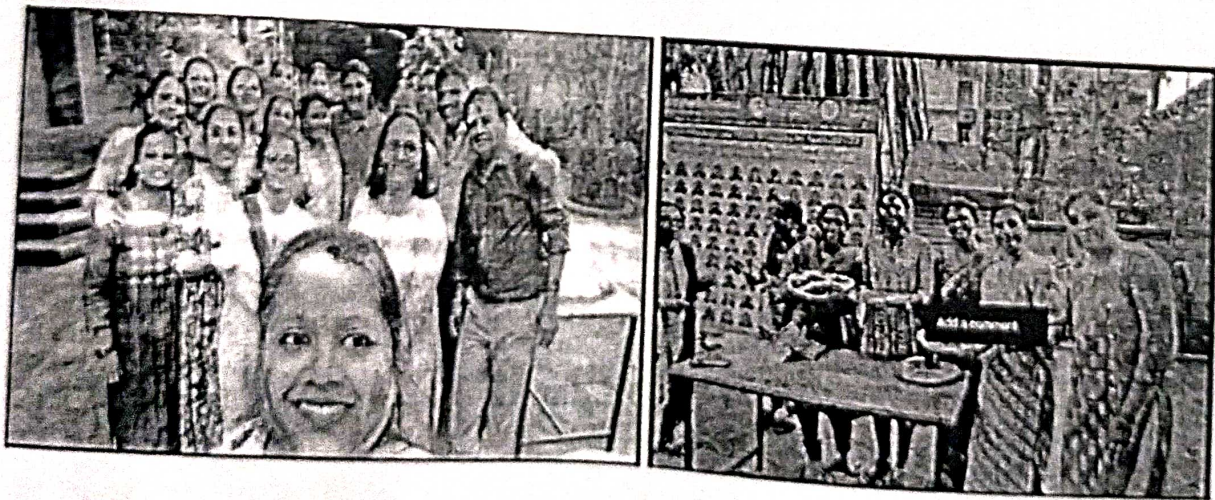
Report on - "Holi celebration"


The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged a "Holi celebration" on 6th March 2023 at 4.30pm onwards.

Each and every Indian festival is unique in itself and so is *Holi*. Applying colours on each other's face is the actual essence of *Holi*. Special sweets and food are prepared and shared on this occasion. Celebrating this festival is the real way of sharing colours of joy, love and enthusiasm.

Using a natural colour ensures that you do not harm your skin, eyes and hair while playing *Holi*. It is very necessary to avoid wastage of water on account of such occasions. Using natural colours is one of the best ways to avoid wastage of water. You can also save water by celebrating *Holi* with dry eco-friendly colours.

Everyone is well aware of our battle for a better environment. Our battle to save our mother Earth is more like a challenge – to give up an extravagant lifestyle for adopting new habits. After all, the fact remains that Earth is the only precious planet. So, today, eco-friendly choices are more critical than ever. By using Eco-friendly decoration (No plastic) we can contribute to protect, preserve and save the world for ourselves and our future generations.




Dr. Villas N. Nitaware
Principal
K.C. College of Engineering &



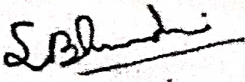


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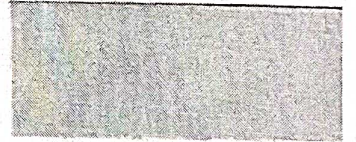
Report on "Dry Waste Collection Drive"

The Eco-Club of K.C.College of Engineering, Management studies and Research has conducted "Dry Waste Collection Drive" on 16th and 17th January 2023 in college campus.

Accumulation of dry waste is obvious everywhere. Every year we have the routine to remove dry waste from our campus and hand it over to the scrap dealer. All the submission files and non-useful documents were collected from all the departments on 16th and 17th January 2023 and handed over to the scrap dealer for recycling purposes.



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Eco Club
KCCMSR, Thane



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Report on Plant Distribution Activity

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged "Plant Distribution Day" on 2nd January 2023.

The event has started with the prayer of Goddess Saraswati, and warm welcome of Chief Guest, Principal, faculty members and students. Chief Guest Ms.Rashmi Joshi has given a short introduction about the events of KC Eco-club for the A.Y.2022-2023.

KC Eco-club coordinator has given a small articulation about the spring water resources in Thane district and importance of **Plant Distribution** for maintaining the water resources. KC Eco-club student co-ordinators, professors proceeded to the plantation field in the garden area of campus. Jasmine, Hibiscus, Money and many distinct kinds of plants were planted by the members of students and faculties.

Asst.Prof. S.Bhuma Devi
Eco Club
KCCEMS, Thane

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Report on "FE-Induction 2022-2023"

The third day of the first year induction Program 16/11/2022 witnessed Interaction with COO of the Institute, Dr. Puja Rai Pradhan who gave a talk on Universal Human Values. Next, a bridge course on Engineering Physics was conducted by A.P. Dr. Arundhati Chakrabarty. . The objective of the session was to underline the importance and establish connectivity with various branches of engineering. Also to explore the fun quotient involved therein. The physics world is an amusement park full of wonderful rides that are guaranteed to shake up the commonsense world view one has developed since childhood. Ms. Rashmi Joshi's Green Initiatives for Environmental Sustainability (SIP Module 9) was a very interesting session. She ignited them with the Eco Awareness session and guided the students towards a right understanding of the importance of co-existing with the environment and their role as an engineer. The students were engrossed and were eager to do activities suggested by the speaker. The next session witnessed Industry Interaction (SIP Module 3) conducted by Ms. Deepa Raut. She explained about the Internet of Things ((IoT) and spoke on industry institute connect. This session was very informative.



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Report on "Anwala Navami Celebrations"

The Eco-Club of K.C.College of Engineering, Management studies and Research had celebrated "Anwala Navmi" on 2nd November 2022 in college campus.

Indian culture is to celebrate nature in a distinct way. Since the fruit Anwala has medicinal values, it takes an eminent place in the Indian Ayurvedic medicinal system. In an Indian traditional way the day was celebrated with flowers, water and rice.


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Report on -"Seed Plantation Trek"

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged "Seed Plantation Trek" on 24th September 2022.

The trek was organized for second year engineering students to throw the seed balls in the mountain region, which they had prepared on 10th August 2022 in "Seed balls Preparation workshop". The place "Mam-Banja hills" was chosen for the trek. The students and KC Ecoclub coordinator had assembled near Thane station, from Thane we took a bus to the spot around 8.45am. The team started climbing the hills, while climbing the team members were throwing the seed balls in different altitudes of the hills.

It took two hours to climb and while coming down the students visited a waterfall. Finally all the seed balls had been thrown and the trek was successful.

Asst.Prof. S.Bhuma Devi
Eco Club
KCCEMSR, Thane

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Report on Tree Seed Balls Preparation workshop

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged "Seed Balls Preparation Workshop" on 10th August 2022.

The first event of academic year 2022-23 has started with the warm welcome of Chief Guest, faculty members and students. Chief Guest Ms.Rashmi Joshi has given a short introduction about the workshop which was an introductory event of KC Eco-club for the A.Y.2022-2023.

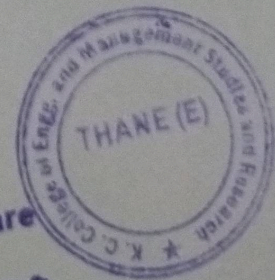
Chief Guest Ms.Rashmi Joshi had brought all the things like seeds, mud, and paper plates which were utilized in seed balls making. She had explained the steps which were involved in the seed balls preparation,

1. First the mud should be mixed with water to keep it ready.
2. Second small part of the mud should be taken.
3. Thirdly, the seed of Jamuns, Chicoo, Dates and muskmelon seeds should be kept in a small part of mud.
4. Finally, a ball-like shape should be given to the mud along with seed.

Rashmi Joshi the Environmental consultant was explaining the precautions which should be taken to preserve the seed balls shapes, like seeds should not be seen outside the mud, nearly one week the balls should be left in open air. Finally, after 15 days all the seed balls should be kept in the airtight plastic bags. Three hundred seed balls had been prepared in this workshop. Nearly fifty students of second and final year engineering had participated in this workshop.

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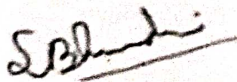
Report on Tree Plantation Activity


The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged "Tree Plantation Day" on 3rd June 2022.

The event has started with the prayer of Goddess Saraswati, and warm welcome of Chief Guest, Principal, faculty members and students. Chief Guest Ms.Rashmi Joshi has given a short introduction about the events of KC Eco-club for the A.Y.2021-2022, and awarded the students who won prizes in "Presentation Competition" with plants. Seventeen students have got the winning certificates and plants.

KC Eco-club coordinator has given a small articulation about the spring water resources in Thane district and importance of Tree Plantation for maintaining the water resources. KC Eco-club student co-ordinators, professors and alumni of KCCEMSR proceeded for the plantation field in the garden area of campus. Jasmine, Hibiscus, Money and many distinct kinds of plants were planted by the members of students and faculties.

This event was the cycle completion activity for the A.Y.2021-2022. Group of 12 students' names have been announced as KC Eco-club student coordinators for the A.Y.2022-2023.


Asst.Prof. S.Bhuma Devi
Eco Club
KCCEMSR, Thane


Dr. Vilas N. Nitaware
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K. C. College of Engineering & Management Studies & Research

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Report on - "No Vehicle Day"

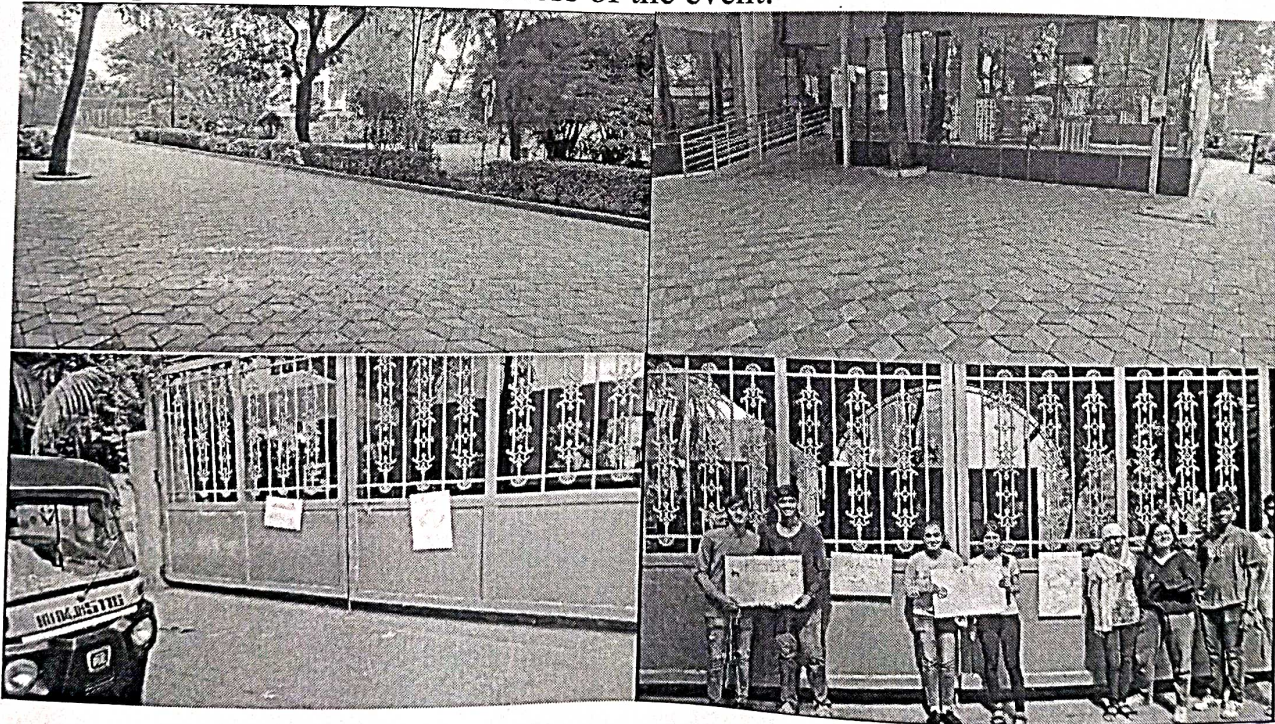
The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged a "No Vehicle Day" on 20th May 2022.


The aim of organizing this event is: 1. To raise environmental sensitivity and awareness among students about vehicular pollution.
2. To create awareness about global warming caused by fossil fuel burn and its impact on the Indian economy.

Practice: It's become a fashion and trend to use vehicles even for a small distance by the society, mostly by the youngsters. It feels ashamed and embarrassing to them to walk or use the bicycle. Being a science student we must understand the negative impact of fossil fuel on our planet and ultimately on our health. Therefore we should try to avoid vehicles for a small distance.

The outcome of this event is they become aware about the bad impact of vehicles on nature and encourage their friends and neighbors to use bicycles or electric bikes for traveling in the city.

Below pictures describe the success of the event.




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Report on "Online Quiz Based on Environmental Science"

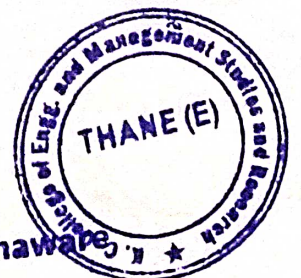
KC-Ecoclub has organized an online quiz based on environmental science from 2nd May to 20th May 2022. Nearly 179 participants have given the response to the quiz. E-Certificates have been issued to the participants scoring 50% and above marks. E-Certificates has been mailed to the same Email Address given by the participant.

Asst.Prof. S.Bhuma Devi

Eco Club

KCCEMSR, Thane

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Excelssior Education Society's

K. C. College of Engineering & Management Studies & Research

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Report on - "Holi and Baisakhi celebration"

The Eco-Club of K.C.College of Engineering, Management studies and Research has arranged a "Holi and Baisakhi celebration" on 18th March 2022 and 13th April 2022 respectively.

Each and every Indian festival is unique in itself and so is *Holi*. Applying colours on each other's face is the actual essence of *Holi*. Special sweets and food are prepared and shared on this occasion. Celebrating this festival is the real way of sharing colours of joy, love and enthusiasm. Using a natural colour ensures that you do not harm your skin, eyes and hair while playing *Holi*. It is very necessary to avoid wastage of water on account of such occasions. Using natural colours is one of the best ways to avoid wastage of water. You can also save water by celebrating *Holi* with dry eco-friendly colours.

Everyone is well aware of our battle for a better environment. Our battle to save our mother Earth is more like a challenge – to give up an extravagant lifestyle for adopting new habits. After all, the fact remains that Earth is the only precious planet. So, today, eco-friendly choices are more critical than ever. By using Eco-friendly decoration (No plastic) we can contribute to protect, preserve and save the world for ourselves and our future generations.



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Regd. Under Public Trust Act. 1950 Regd. No. F-638

K. C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH

NAAC Accredited B++ Grade
(Affiliated To University of Mumbai, Approved by AICTE & DTE)
(DTE Code 3210)

Ref. No. KCC/ MOU/ 21-22/ 35

Date : 25/01/2022

Memorandum of Understanding (MOU)

Between

Rashmi Joshi

Environment Consultant

4/B, 141, Yoganand Society, Vazira Naka, Borivali(west), Mumbai-400092

And

K.C.College of Engineering and Management Studies and Research, Thane

For " Environment Projects".

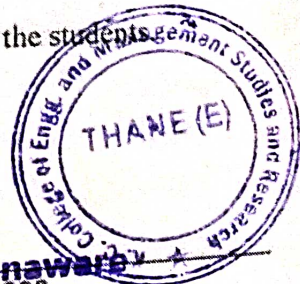
This MOU has been made for the period of five years from 9th August 2021 to 8th August 2025 between K.C.College of Engineering and Management Studies and Research, Thane(E).

(Hereinafter referred to as KCCEMSR College, Thane).

And Rashmi Joshi, Environment Consultant, Mumbai,

Roles and Responsibilities of Ms. Rashmi Joshi:

1. Conduct awareness sessions as well as activities amongst youth and students about the use of waste as well as water as resource and its relationship with climate change and global warming. {Promote knowledge and provide training for segregation at source and composting among students, faculty and non-teaching staff.}
2. Encourage and promote environment related activities such as Composting, seedballs, organic farming.
3. Sensitize and involve students from the college / institute for promoting the concept of the environment related projects.
4. I will conduct periodic supervision for the composting Project.
5. Encourage and promote Plastic waste and E-waste Collection Drives among the students.



Dr. Vilas N. Nitnaware
Principal
Mith Bunder Road, Near Sadguru Garden, Kopri, Thane (E) : 400,603.
Tel. : 2532 7100 Fax : 2532 6496 * E-mail. : principal@kccemsr.edu.in
K.C. College of Engineering &
Management Studies & Research.



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K. C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH

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(DTE Code 3210)

Ref. No. KCC/MSR/MOU/21-22/395

Date : 25/01/2022

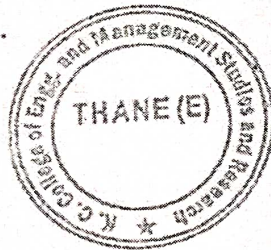
6. Involve students from the college / institute for promoting the concept of the waste collection and sending for recycling.
7. I will conduct periodic supervision once every three months.

Roles and Responsibilities of College

1. The college will make arrangements for the awareness lectures.
2. The students & staff will actively participate in the recycling of the waste as well as water.
3. The students & staff will actively participate in the waste collection drives.
4. The college will select the students for the participation in waste collection drives.
5. College will nominate a contact person who will submit the activity report in the second week of every month.

[Signature]
25.1.2022.

Dr. Vilas Nitnaware
Principal (KCCMSR)
Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research.



[Signature]
Ms. Rashmi Joshi
Environment Consultant

[Signature]
Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research.








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Report
on
Online National Level Quiz Based on Environmental Science" (2020-21)

An Eco Club organized the quiz based on Environmental Science. An online National Level Quiz Based on Environmental Science" (2020-21) for students and faculties through Google forms (Google Quiz). The quiz was conducted from 26.06.2021 to 05.07.2021. The quiz received 163 responses.



Eco Club

Excelssior Education Society's
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(NAAC Accredited with B++ Grade)

"Online National Level Quiz Based on Environmental Science"

Eco Club in association with Department of Humanities & Applied Sciences is organizing "Online National Level Quiz Based on Environmental Science".

Participation Details:

- ❖ Participants: Faculties & Students.
- ❖ Participant can attempt quiz only once.
- ❖ E-Certificate will be issued to the participant scoring 50% and above marks.
- ❖ E-Certificate will be mailed to the same Email Address given by the participant.

Quiz Link:

- ❖ <https://forms.gle/2M72vKvPVNp36JEx9>

For any query Contact:

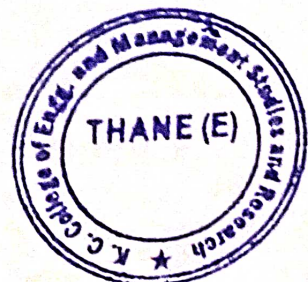
- ❖ Asst. Prof. Neha Khare - 97574 10510
- ❖ Asst. Prof. S. Bhuma Devi - 9820652395

Good Luck...!! Stay Safe, Stay Healthy...!!

N. Khare

Mrs. Neha Khare
Eco Club
KCCEMSR, Thane

N. Nitnaware



Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research

Excelssior Education Society's



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Report on "Webinar on E-Waste Management"

The Eco Club in association with the Department of Humanities and Applied Sciences and IQAC organized a "Webinar on E-Waste Management" on 31.05.2021.

The guest speaker was heartily welcomed by Mrs. S. Bhumadevi, an Assistant Professor of Department of Humanities and Applied Sciences. The session was taken by Ms. Rashmi Joshi.

The session started with the introduction of E-waste by expert speaker, E-Waste or Electronic Waste may be defined as discarded computers, office electronic equipment, entertainment device electronics, mobile phones, television sets and refrigerators.

She also discussed used electronics which are destined for reuse, resale, recycling or disposal. E-waste is one of the most hazardous type of waste reaching to the dumping ground causing environment and health hazards.

In this webinar she explained that integrated waste management is the best practice to dispose of the E-waste. She also discussed about the safe disposal of E-Waste in scientific manner and emphasized on safe disposal of E-waste at authorized recycle centers.

In her session she explained various effects induce by E-waste on our health and environment. The session was very interactive and participants participated enthusiastically.

The event saw an overwhelming participation of 135 participants. The program ended with 'Vote of Thanks' given by Asst. Prof. S. Bhumadevi.

Nkhare

Mrs. Neha Khare
Eco Club
KCCMSR, Thane



Dr. Vilas N. Nitnaware
Principal
K.C. College of Engineering &
Management Studies & Research



Excelssior Education Society's
K. C. College of Engineering & Management Studies & Research
Mith Bunder Road, Kopri, Thane (E)

Report on Two-Days Faculty Development Program

on

"Emerging Areas of Research in Science and Environment"

DAY-1: 5 JUNE 2021


The department of Humanities and Applied Sciences has organized two days FDP on Emerging Areas of Research in Science and Environment on 5th and 7th June, 2021.

On world environment day, the first session was taken by Professor Yogendra Shastri, Department of Chemical Engineering, IITB on Incorporating Sustainability in Engineering Design. Yogendra Shastri did B. Tech. in Chemical Engineering from LIT Nagpur, M. Tech. in Systems and Control Engineering from IIT Bombay, and PhD in Bioengineering from the University of Illinois, Chicago. Subsequently, he was a post-doctoral research associate at the Energy Biosciences Institute, University of Illinois at Urbana-Champaign. His talk was focused on sustainable development, principal of green chemistry, green engineering and biomimicry.

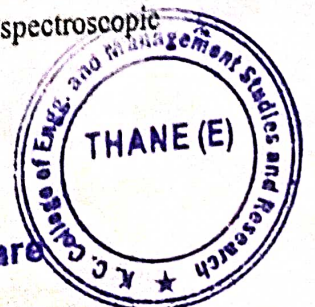
Our second speaker of the day was Dr Seema Garg. She has Twelve patents on her credit and a number of publications in journals of repute viz. Royal Society of Chemistry (RSC Advances), Elsevier (Journal of Colloid and interface Science, Separation and Purification technology, Applied Surface Science, J of industrial and Engg. Chemistry, Ecotoxicology and Environment Safety, J of photochem and Photobiology etc.), and MDPI journals (Materials, Catalysts and Nanomaterials). She has completed a project as a Principal investigator a DST-NRDIO sponsored bilateral Indo-Hungarian Research Project with a total funding of 1.74 Crore. Now, she has again got the approval as Co-PI of DST-NRDIO sponsored bilateral Indo-Hungarian Research Project with Prof Pravin Ingole and Prof. Sameer Sapra, IIT Delhi. She elaborated her research work on treatment of waste water using Green Technology. She explained synthesis of composites of Bismuth oxyhalides (BiOX, X= Cl, Br and I) using different leaf extracts. She focused following points in her talk that Leaf extract is known to possess anti-oxidant and stabilizing properties that aids in the immediate reduction and stabilization of the metal ions into their corresponding nanostructures. She also discussed the preparation of BiOX and their composites by hydrolysis method (without leaf extract). She showed characterization methods also in her talk SEM, XRD, FTIR, UV-vis DRS.

DAY-2: 7 JUNE 2021

On second day, first session was conducted by Dr. Soumik Siddhanta. He was Assistant Professor at the Department of Chemistry, Indian Institute of Technology Delhi, India. Before joining IIT Delhi, he was a post-doctoral fellow in the Department of Mechanical Engineering, Johns Hopkins University. He elaborated the chemistry of nanostructured materials at the interface of chemistry, biology and materials science. He emphasised on interdisciplinary research in the frontier areas of nanotechnology; Energy, Environment and Healthcare, modern methods of synthesis, spectroscopic


Dr. Vilas N. Nitnaware
Principal

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characterization and imaging of nanomaterials. He concluded his session with the following outcomes

Design and develop the desired nanostructured materials

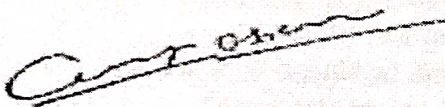
Understand the structure-property relationship for applications of nanomaterials

Initiate a research activity in the field of nanostructured materials.


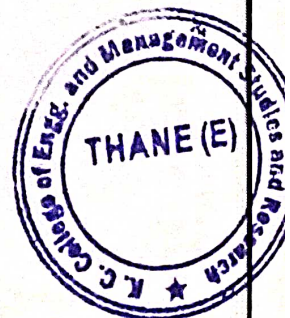
Promoting newer research endeavour in the challenging domain of nanomaterials

Last session was taken by Dr. Hema Bhandari, she is working as an Assistant Professor in Department of Chemistry, Maitreyi College, University of Delhi for last 10 years. She obtained her PhD degree from Indian Institute of Technology, Delhi and NPL, CSIR New Delhi in Polymer Science and Engineering. Her area of specialization is conducting polymers, Anticorrosive smart coatings, Nanocomposites, Antistatic coating and waste water treatment. She has published 25 research articles. She delivered her talk on Smart Conjugated Polymers and their designing with anticorrosive Properties. She explained conjugated polymers and their modifications with advanced anticorrosive properties. She also discussed designing of conjugated polymers by using various strategies such as use of substituted monomers/comonomers, different dopants, metal/metal oxide nanoparticles and effect of various components in polymers matrix such as presence of substituents/comonomers, dopants and metal/metal oxide nanoparticles on their structural, morphological, thermal, physico-mechanical and anticorrosive properties.

There were 68 participants who participated in this two days FDP. The last session was concluded by vote of thanks to all speakers, participants, management and principal.



Dr. Shelley Oberoi
Associate Professor and Head
Department of Humanities and Applied Sciences
KCCMSR, Thane (E)



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Principal
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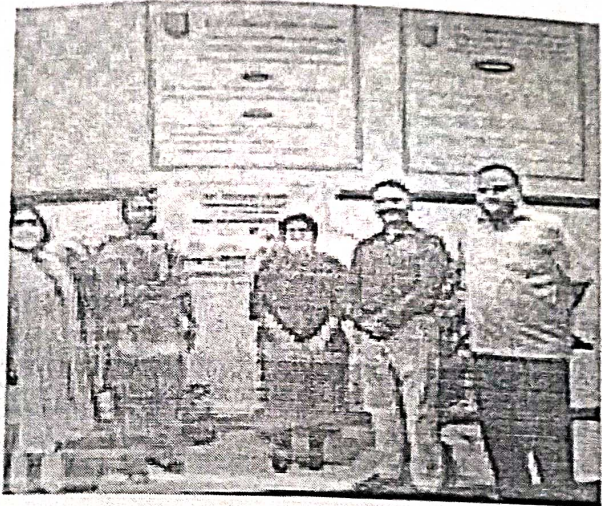
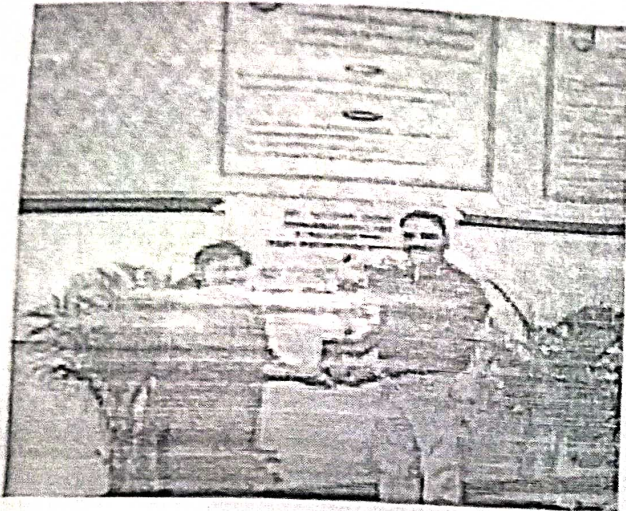


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Tree (Sapling) Donation Drive

Date: 03.03.20201

Total 10 saplings donated by Mrs. Rashmi Joshi (Environment Consultant) to K. C. College of Engineering and Management Studies and Research, Thane (E).

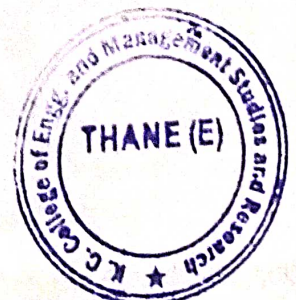


Tree (Saplins) donated by Mrs. Rashmi Joshi Environment Consultant

PC

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Report on One Student One Tree-Deeksharambh 2021 (Online)

Date: 09.02.2021

An Eco Club in association with the Department of Humanities and Applied Sciences organized the online event One Student One Tree - Plantation Activity. In this activity students uploaded photograph with their sapling. The purpose of tree plantation is to save the endangered environment and to beautify our life. The activity received 34 responses.



Students with Saplings

Nkhare

Mrs. Neha Khare
Eco Club
KCCEMSR, Thane



Dr. Vilas N. Nitnaware



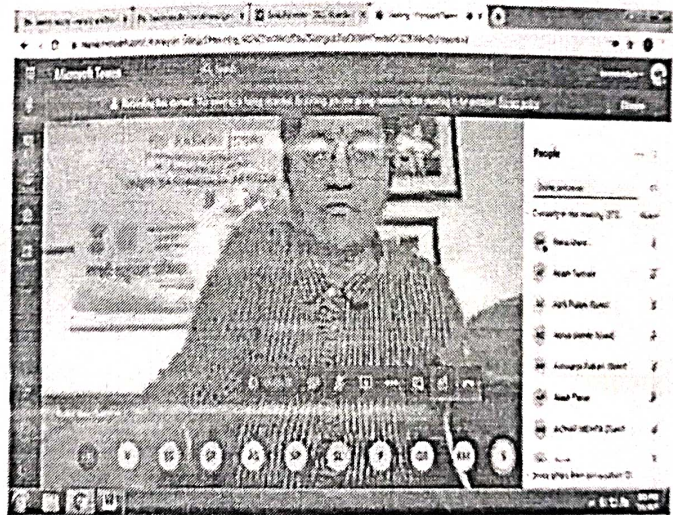
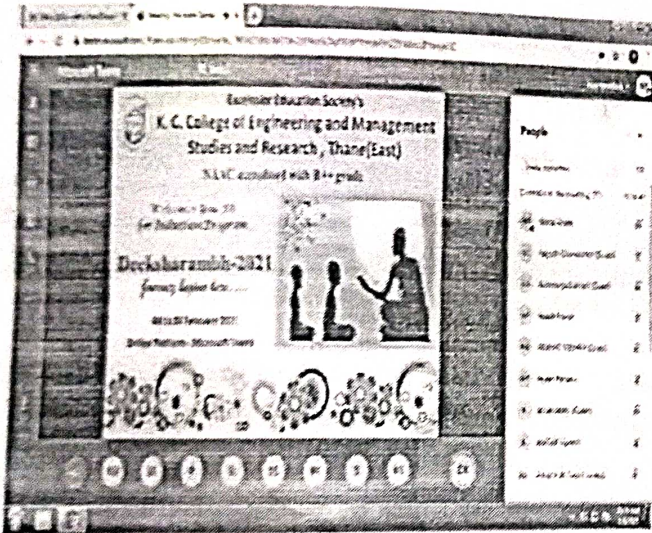
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Department of Humanities & Applied Sciences
 (A.Y. 2020-21)

Report
 on
Session - Green Initiatives for Environmental Sustainability (Online)

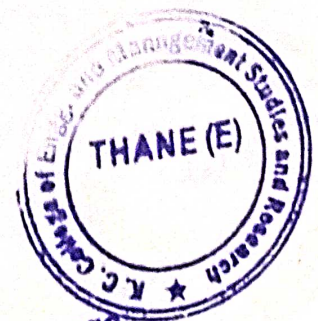
Date: 06.02.2021

The third day of F.E. Induction Program (Deeksharambh:2020-21) 06.02.2021 Mrs. Rashmi Joshi Green Initiatives for Environmental Sustainability (SIP Module 9) was very interesting session. She ignited them with the Eco Awareness session and guided the students towards a right understanding of the importance of co-existing with the environment and their role as an engineer. The student were engrossed and were eager to do activities suggested by the speaker.



Session - Green Initiatives for Environmental Sustainability (Online)

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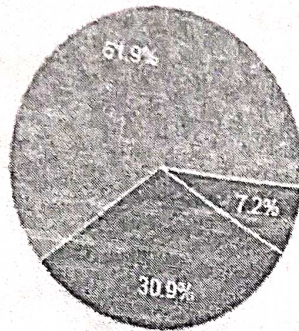
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Department of Humanities & Applied Sciences
(A.Y. 2020-21)

3. Did you like the session hosted by Ms. Rashmi Joshi on "Green Initiatives for Environmental Sustainability" ? (PO7)
97 responses



- Slight
- Moderate
- Substantial

Student's Feedback: Session - Green Initiatives for Environmental Sustainability (Online)

Student's Feedback: Mrs. Rashmi Joshi on "Green Initiatives for Environmental Sustainability" was rated 61.9% as Substantial, 30.9 % as Moderate and 7.2% as Low.

NKhare

Mrs. Neha Khare
Eco Club
KCCMSR, Thane

Dr. Vilas N. Nitnaware



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K. C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH

NAAC Accredited B++ Grade
(Affiliated To University of Mumbai, Approved by AICTE & DTE)
(DTE Code 3210)

Ref. No. KCCE/MOU/20-21/857

Date : 21/12/2020

Memorandum of Understanding (MOU)

Between

Rashmi Joshi

Environment Consultant

4/B, 141, Yoganand Society, Vazira Naka, Borivali (West), Mumbai-400092

And

K. C. College of Engineering and Management Studies and Research, Thane (E)

For "Environment Projects"

This MOU has been made for the period of one year from the 10th August 2020 to 9th August 2021, between K. C. College of Engineering and Management Studies and Research situated at Thane (E).


(Herein after referred to as KCCEMSR College)

And

Rashmi Joshi, Environment Consultant, Mumbai,

Roles and Responsibilities of Ms. Rashmi Joshi:

1. Conduct awareness sessions amongst youth and students about the use of waste as well as water as resource and its relationship with climate change and global warming.
{Promote knowledge and provide training for segregation at source and composting among students, faculty and non-teaching staff.}
2. Encourage and promote environment related activities such as Composting, E-waste Collection, Seedballs and Rainwater Harvesting..
3. Sensitize and involve students from the college / institute for promoting the concept of the environment related projects.
4. I will conduct periodic supervision for composting project.
5. I will provide guidance to develop along with zero waste, a medicinal/herbal garden in your campus.
6. I will provide guidance for O & M of Composting Drum if the college requires
7. I will involve student volunteers for internship for its Project.
8. I will issue Internship Certificates for the same.


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(DTE Code 3210)

Ref. No.

Date: 21/12/2020

Roles and Responsibilities of College

1. The college will make arrangements for the awareness lectures.
2. The students & staff will actively participate in the recycling of the waste as well as water.
3. Environment projects are a part of college environmental activity and hence it will be monitored on a regular basis by students and faculty members. I expect the college to continue the projects for at least for one year.
4. The college will maintain the garden and use the compost in the garden.


21.12.2020

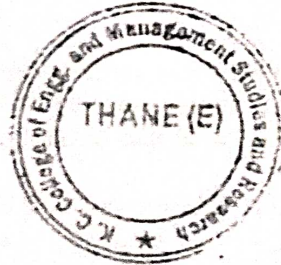
Dr. Vilas Nintaware

Principal (KCCEMSR)

Dr. Vilas N. Nitnaware

Principal

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R. N. Joshi
21.12.2020

Ms. Rashmi Joshi

Environment Consultant




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Principal
K.C. College of Engineering &
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Report on Webinar - "Kitchen & Terrace Gardening"

The Eco Club in association with the Department of Humanities and Applied Sciences and IQAC organized a webinar on "Kitchen & Terrace Gardening" on 23.10.2020.

"When it comes to terrace gardening, many people are interested but they don't know how to start and where to get the resources. Seeds are available at one place while saplings have to be purchased from another place - it is a lot of work. To solve the problem we had kept a webinar on "Kitchen and Terrace Gardening".

The guest speaker was heartily welcomed by Mrs. S Bhumadevi, an Assistant Professor of Department of Humanities and Applied Sciences. The session was taken by Ms. Rashmi Joshi. In her session she explained the introduction to kitchen and terrace gardening and then impressive practical session started, in that she discussed and shown the preparation of soil which is rich in nutrients. The right type of soil is very important as the nutrients decide the growth of the plant. The right mix of soil requires regular soil, compost coir peat (or sand) and vermicompost in equal quantities.

She also discussed about the different types of pots and shown with a small pot and single vegetable and then gradually expand to other veggies. Plants like tomatoes and chillies are easier to grow and do not require much care, so you can start with those. If you want to grow more than beans, chillies, tomatoes, brinjal, okra and lime are also easier to grow. You can also try cucumber, ridge gourd and bottle gourd. Root vegetables like potatoes, onion, radish, carrots, and groundnuts can also be grown but they require a larger area.

Watering regularly is a must. In summers, garden requires watering twice a day. In winters just press the soil with the back of your hand to check the moisture and water accordingly. Also suggested to put vegetable and fruits waste as composed in soil.

The session was very interactive and participants participated enthusiastically. Later she explained about natural pesticides, how to prepare Amrutjal, how to prepare pesticides and which plants will grow in which size of pots. The event saw an overwhelming participation of 86 participants. The program ended with 'Vote of Thanks' given by Asst. Prof. S Bhumadevi.

Nkhare

Mrs. Neha Khare
Eco Club
KCCMSR, Thane

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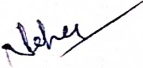
Mith Bunder Road, Kopri, Thane (E)


Report on Webinar - "Air Pollution, Global Warming, Climate Change,
Society and Sustainability"

(World Environment Day-5th June 2020)

On the occasion of World Environment Day, the Eco Club in association with the Department of Humanities and Applied Sciences organized a webinar on "Air Pollution, Global Warming, Climate Change, Society and Sustainability" on 05.06.2020.

The guest speaker was heartily welcomed by Sheena Unmesh, an Assistant Professor of Department of Humanities and Applied Sciences. The session was taken by Mr. Abhijit Pathak Scientist 'D' Central Pollution Control Board Delhi (Statutory Organization under the Ministry of Environment, Forest and Climate Change). In his lecture Mr Abhijit discussed about Air Pollution, Global Warming, Climate Change, Society and Sustainability. The session was very interactive and participants participated enthusiastically. In the beginning Mr. Abhijit gave the introduction on Air Pollution and Global Warming. Later he explained Climate Change, Society and Sustainability. The event saw an overwhelming participation of 179 participants. The program ended with Vote of Thanks given by Dr. Shelly Oberoi.


Mrs. Neha Khare
Eco Club


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Report on Covidity – 2020

The department of Humanities and Applied Sciences in association with Eco - Club and Institute Innovation Cell of K. C. College of Engineering and Management Studies and Research conducted a poster making competition on the topics related to COVID-19 like giving message regarding care, precautions to be taken, inspire to fight corona, creative slogans etc. The competition was conducted from 25 to 30 May, 2020. The competition was a great success with 75 participants.


A.P. Sandesh Bhingardeve
A.P. Deepak Khabale


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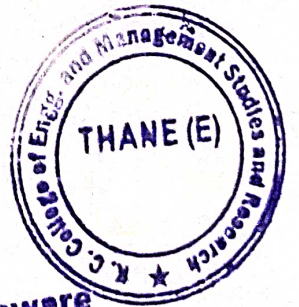
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Report on National Level Quiz on Environmental Science

The department of Humanities and Applied Sciences in association with Eco Club organized the quiz on Environmental Science. The quiz was conducted from 21 to 27 May 2020. The total of 2021 students participated in the quiz.

A.P. Ajaykumar Mishra




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Department of Humanities and Applied Sciences

Sharpen the Edge (03/03/2020)

Report

Sharpen the Edge is a unique platform to provide an opportunity to explore the hidden scientific and technical aptitude of First Year engineering students from various colleges. The main aim of this event was to inspire educational environment with new vision and innovative ideas. It was organized in 'Guru Gobind Singh Auditorium' of the college. The crowd participated with great enthusiasm making the event a mega hit. The winners carried many prizes and certificates.

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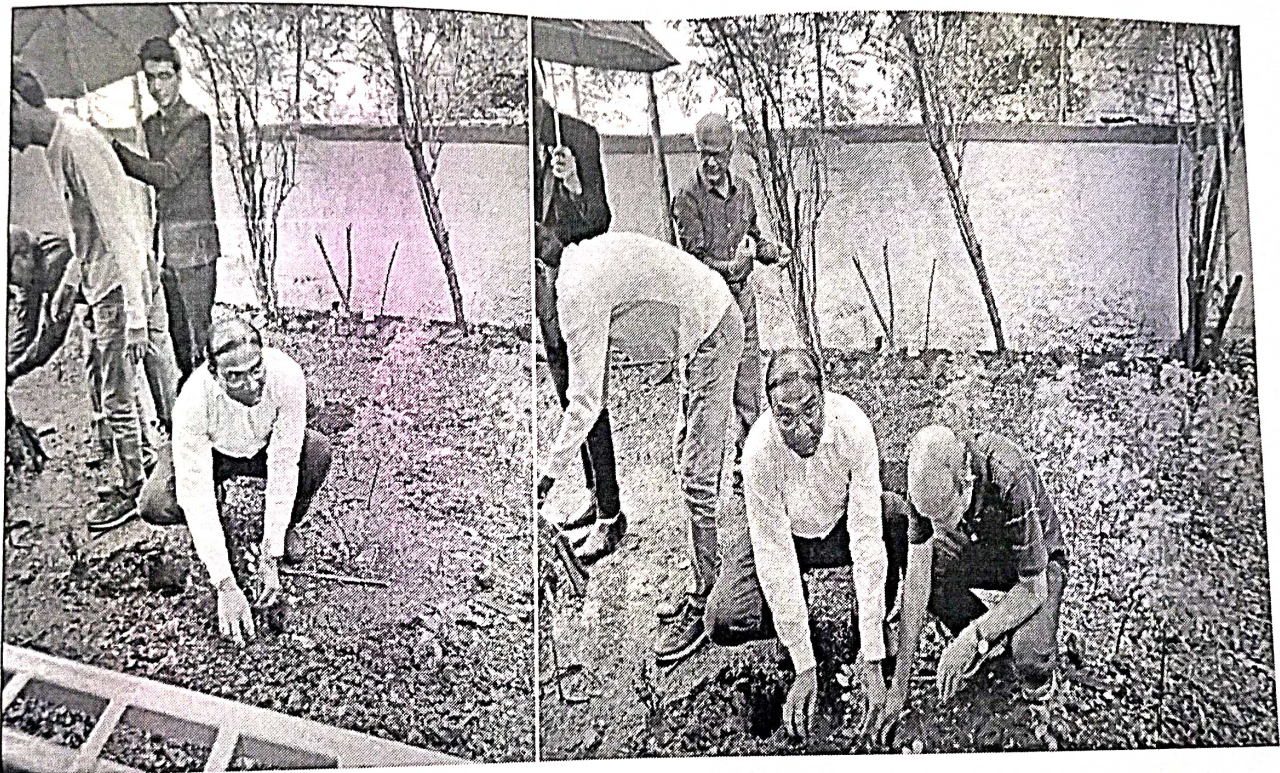
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Tree Plantation by Guest

Date: 10.08.2019

According to the tradition of our institute plantation of a sapling by the hands of Rotarians.

1. Mr. Ulhas Argekar
2. Mr. Ajit Chandorkar
3. Mr. Manish Nehete
4. Mr. R. U. Utekar
5. Mr. Ashok Singh
6. Mr. R. N. Kameshwar
7. Mr. Vishal More




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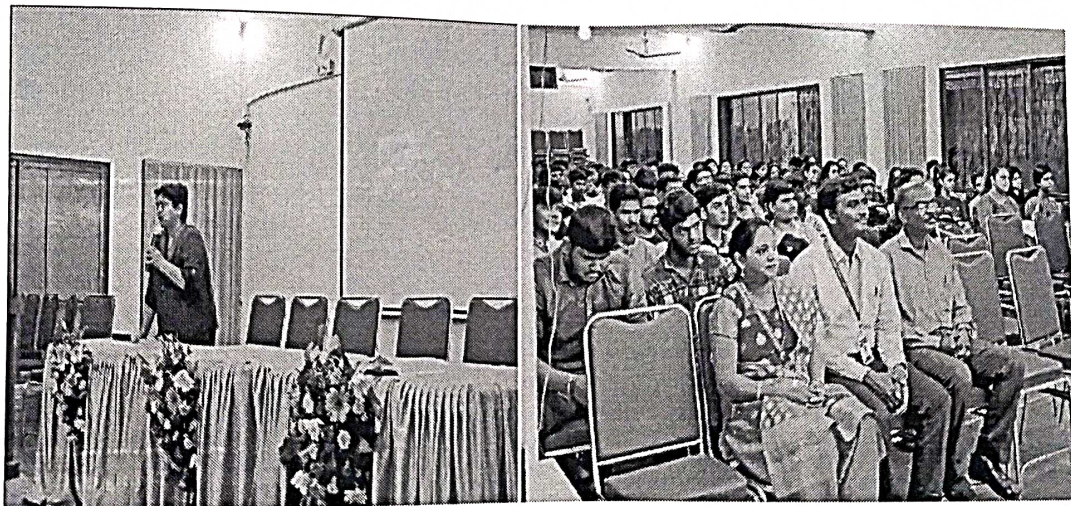


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ECO Awareness Program in FE Induction-2019

Date: 08.08.2019

The second-day of F.E. Induction Program is ignited with the Eco Awareness session by Mrs. Rashmi Joshi, who guided the students towards a right understanding of the importance of coexisting with the environment and their role as an engineer. She also played a quiz competition with the students and they participated with full enthusiasm.

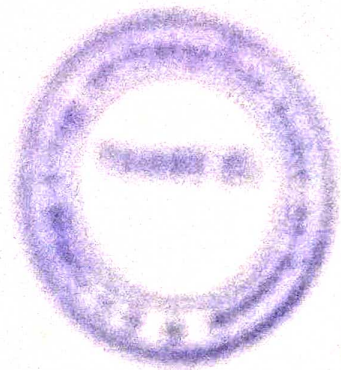


Mrs. Neha Khare
Eco Club



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14-11-2019



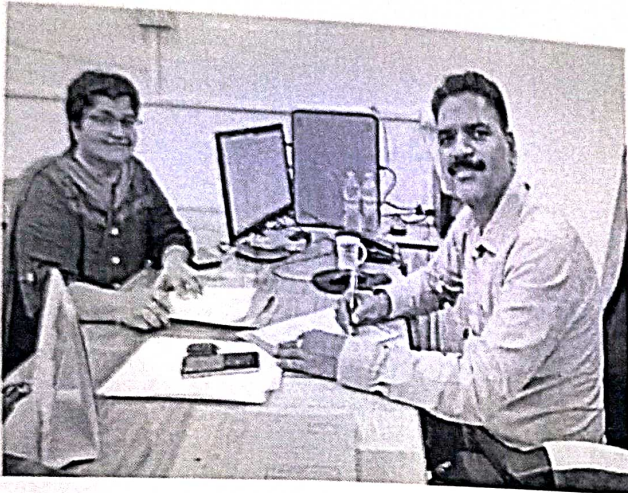
Dr. [Name]
[Title]
[Institution]



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MOU Signed

Date: 08.08.2019



MOU Signed with Environment Consultant Mrs. Rashmi Joshi.



(Handwritten signature)

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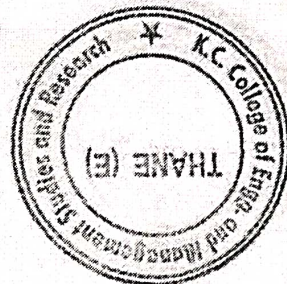
REPORT ON "NO VEHICLES DAY"

Date: 28/02/2018

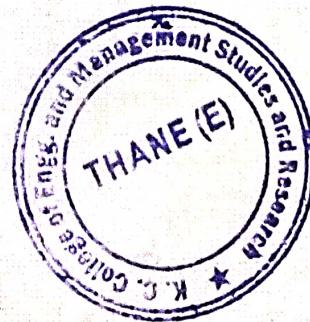
Venue: K. C. College of Engineering & Management Studies & Research, Thane (E)

On the 28th February 2019, "No Vehicles Day" was organized at K. C. College of Engineering & Management Studies & Research, by Eco Club. All Students and staff came to college using public transport. No one used own vehicle for transport. Student coordinators from first year gave messages to all students and staff for pollution free environment.


Coordinated by
Eco Club



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Green Campus Award

(January 2019)



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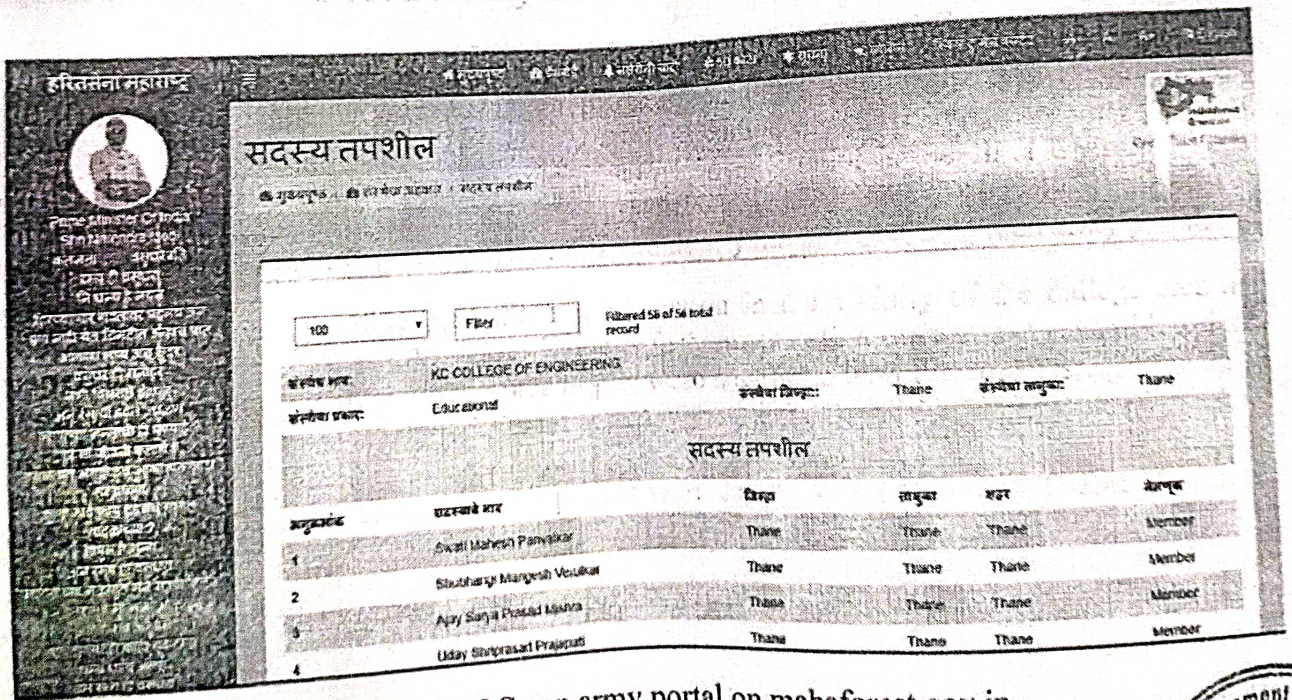
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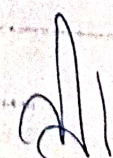
Green Army Tree Plantation Report

As per DTE circular no. २/विकांमु/तांशी/आस्था (४)/वृक्षलागवड२०१८/1328 dated 18 April 2018 regarding 13 crore tree plantation program planning, challenges and execution. The institute has taken solids steps. The team is constituted and registered on green army portal on Mahaforest.gov.in. In that unit the Principal Dr. HansrajGuhilot is the chief division I zonal officer, Dr. Shelley Oberoi is the Liaising officer and Mr. Deepak Khabale is Sub liaising officer. Also we initiated enrollment on staff, students and family members on the green army portal.

Initially we identified plots for tree plantation in the vicinity of the college area and barren land at Pimpri village, Mumbra. The pits for tree plantation were dug at several locations. As per the circular guidelines, the photos of pits were sent to nodal officer Mrs. Sanjana Male on Whats app. Some of the photos of pits are attached herewith. On 5th June and 1st July' 2018 we planted 100 saplings of different variety. The photos of event were sent on whats app to nodal officer Mrs. Sanjana Male. Also all the photos were sent to zonal officer Prof. K. P. Narkhade and Mr. Thakur on Green Army Thane whats app group on 14 July.



Screenshot of Green army portal on mahaforest.gov.in


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