



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



Cycle - 2 NAAC Accreditation 2024

Criteria 7.2: Best Practices

7.2 – Mission Green

Submitted to



National Assessment and Accreditation Council

Mrs. Rashmi Joshi

Consultant - Solid Waste Management
Expert Guidance on Compositing
and E-Waste Collection



4B/141, Yoganand Society, Vazira Naka,
L.T.Road, Borivali(w). Mumbai - 400092

rashmijoshi72@rediffmail.com

+91 98195 99851



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:

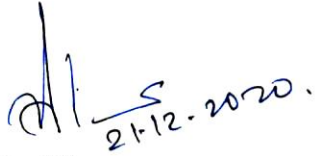
1. Conduct awareness sessions amongst youth and students about the use of waste as well as water as resource and its relationship with climate change and global warming.
{Promote knowledge and provide training for segregation at source and composting among students, faculty and non-teaching staff.}
2. 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.

! Garbage to Green !



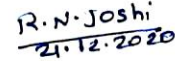
Roles and Responsibilities of College

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 (KCCMSR)


21.12.2020

Ms. Rashmi Joshi

Environment Consultant

Mrs. Rashmi Joshi

Consultant - Solid Waste Management
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and E-Waste Collection



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And
K.C.College of Engineering and Management Studies and Research,
Thane.
For "Environment Projects"

This MOU has been made for the period of one year from the 8th day of August 2019 to 7th August 2020, between K.C. College of Engineering and Management Studies and Research Situated at Thane.

(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.

! Garbage to Green !

Mrs. Rashmi Joshi
Consultant - Solid Waste Management
Expert Guidance on Compositing
and E-Waste Collection



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L.T.Road, Borivali(w). Mumbai - 400092
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- 6 I will provide guidance for operation & maintenance, 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.

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.

A handwritten signature in blue ink, appearing to be 'A. S.'.

Principal
KCCCMSR

R. N. Joshi
08.08.2019

Mrs. Rashmi Joshi
Environmental Consultant

Mrs. Rashmi Joshi
Consultant - Solid Waste Management
Expert Guidance on Compositing
and E-Waste Collection



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Between

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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.

Mrs. Rashmi Joshi

Consultant - Solid Waste Management
Expert Guidance on Compositing
and E-Waste Collection



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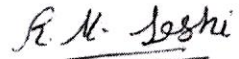
6. Involve students from the college / institute for promoting the concept of the waste collection and sending for recycling.
7. I will conduct periodic supervision once every three months.

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.


23.1.2022

Dr. Vilas Nitnaware
Principal (KCCEMSR)



Ms. Rashmi Joshi
Environment Consultant

! Garbage to Green !



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

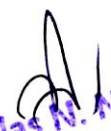
Sr. No.	Title	Date	No. of Participants
1	Online National Level Quiz on Environmental Science (2020-21)	26.06.2021 to 05.07.2021	135
2	Webinar on E-Waste management	31.05.2021	163
3	FDP on Emerging Areas of Research in science and Enviornment-online	05.06.2021 & 07.06.2021	292
4	Tree (Sapling) Donation 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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 Principal
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Mith Bunder Road, Near Hume Pipe, Kopri, Thane (E)- 400603.

ECO Friendly Holi Celebration(2023)



Tree Plantation Day

NAAC Accredited B++
DTE Code-EN - 3210

Excelssior Education Society's
K. C. College of Engineering &
Management Studies & Research
Thane (E) Mumbai

Eco Club

• NBA Accredited Courses Also Available •

Tree Plantation Day

3rd June, 2022 | 10:30 AM Onwards
Friday

Organized by
KC.Eco-Club

Methodology
On ground-field work

Venue
College Campus

Join Now

(+91) 9594477844, 9960044164

Social.kc2001 | Kccemsr.social | kccemsr | kccemsr.edu.in | kccemsr.edu.in



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Webinar On Organ Donation

NAAC Accredited B++

DTE Code-EN - 3210



Excelssior Education Society's
K. C. College of Engineering &
Management Studies & Research
Thane (E) Mumbai



• NBA Accredited Courses Also Available •

▶ Webinar On

“ORGAN DONATION”



21st May, 2022 | 10:30 AM
Saturday | Onwards

Organized by

KC.Eco-club

Speaker

Ms. Rashmi Joshi
{Environment Consultant}



Venue

Google Meet

Join Now

☎ (+91) 9594477844, 9960044164

[Social.kc2001](#)

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[kccemsr](#)

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Online Quiz Based On Environmental Science



Eco Club



Excelssior Education Society's
K. C. College of Engineering & Management Studies & Research
Approved by AICTE & Affiliated to University of Mumbai
(NAAC Accredited with B++ Grade)

“Online Quiz Based on Environmental Science”

Eco Club in association with **Department of Humanities & Applied Sciences** is organizing “Online 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://docs.google.com/forms/d/e/1FAIpQLSeymG6vTGHlr74-UwsNFXIAHSxBtXVH7afXnc9twu8eh9EfZg/viewform>

Eco-Club Co-ordinators

- ❖ Asst. Prof. S. Bhuma Devi
- ❖ Asst. Prof. Sushma Kore

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



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



Excelssior Education Society's
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Approved by
AICTE & Affiliated to University of Mumbai
(NAAC Accredited with B++ Grade)

"WORLD ENVIRONMENT DAY 2020"
ECO CLUB IN ASSOCIATION WITH
DEPARTMENT OF HUMANITIES &
APPLIED SCIENCES
PRESENTS

webinar on

"AIR POLLUTION, GLOBAL WARMING,
CLIMATE CHANGE, SOCIETY AND
SUSTAINABILITY"



5TH JUNE 2020
4:00 PM

ABHIJIT PATHAK
SCIENTIST 'D'
CENTRAL POLLUTION CONTROL
BOARD, DELHI (STATUTORY ORGANISATION UNDER
THE MINISTRY OF ENVIRONMENT, FOREST AND
CLIMATE CHANGE)



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The slide is titled "Ozone, the good and the bad" and features a graph of ozone concentration versus altitude. The y-axis is labeled "Altitude (km)" and ranges from 0 to 35. The x-axis is labeled "ozone amount". The graph shows a peak in the stratosphere (around 25 km) labeled "Stratospheric Ozone (The Ozone Layer) 'Good Ozone'" and a dip in the troposphere (around 5 km) labeled "'Smog' Ozone" and "Tropospheric Ozone 'Bad Ozone'".

Text on the slide:

- Ozone is often confused:
- Good ozone: Stratospheric ozone, The ozone layer
- Bad ozone: Tropospheric ozone, Smog
- Note: ozone is also greenhouse gas

Meeting details on the right show 150 people and 2 chat messages. The presenter is ABHIJIT PATHAK.

The slide is titled "GLOBAL WARMING" and is divided into two main categories: Natural and Anthropogenic. The Natural category includes Primary Climate Forcing, Variations in solar output, Orbital variations, and Volcanoes. The Anthropogenic category includes GHG, Air Pollution, Ozone Depletion, and Carbon sink Depletion.

Below the categories, a flowchart asks "Is it possible to stop excess warming?". The "NO" path leads to "Be ready for catastrophic extinction". The "YES" path leads to "You have limited control on Natural Events", which then leads to "Only Possibility is to Retard the Warming". This path further branches into "Sustainable Development" and "Live, Enjoy and let the earth sustain your burden".

Meeting details on the right show 144 people and 2 chat messages. The presenter is ABHIJIT PATHAK. A chat message from Elphinston Kishore says "Very scientific and realistic presentation".



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ABHIJIT PATHAK is presenting

Increased Storm Frequency and Intensity

IPCC Fourth Assessment Key Findings

Huge storms are not limited to the Gulf Coast. El Ninos in the Pacific are projected to become more frequent and more severe. Storm intensity is likely to increase in many parts of the world.

Meeting details: People (142), Chat, Good session sir, tupakula surekha 5:05 PM Yes, venkataramana menda 5:05 PM Nice session, Pranay Dandale 5:06 PM Good session, shanthini sandhya 5:06 PM sent feedback link, Ninad Bhatkar 5:06 PM Anyone got feedback link?, Ishu Soni 5:06 PM Knowledgeable ppt please share on Gmail

ABHIJIT PATHAK is presenting

Economic Toll

Global Warming impacts will cost **20 times more** than reducing our emissions now.*

* 2007 Report by British Treasury Secretary Nicholas Stern

Meeting details: People (144), Chat, zubaida khan 5:10 PM Feedback link?, Kc Humanity Dept Seminar 5:12 PM will share after the session.. thanks for being patient, Sugrevu Venkata satya sravani 5:12 PM When will session be end, Venkat Eee 5:12 PM Good explanation, Kc Humanity Dept Seminar 5:13 PM about half an hour, PV Amarnath 5:13 PM PPT



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Webinar On E-Waste Management

Excelsior Education Society's
K.C. College of Engineering & Management Studies & Research.
Thane (E) Mumbai

ECO CLUB

PRESENTS
**WEBINAR ON
E-WASTE
MANAGEMENT**
(Environment Awareness for all Engineering students)

**TAKE
YOUR
E-WASTE
TO A
BETTER
PLACE**

MS. RASHMI JOSHI
(ENVIRONMENT CONSULTANT)

MS Team
31st May 2021
9:30 am - 10:30 am

KCTV_KCEMSR **KCEMSR_SOCIAL** **KCEMSR**
KCEMSR.EDU.IN **KCEMSR_SOCIAL** **social.kc2001**

ENQUIRE AT 9594477844

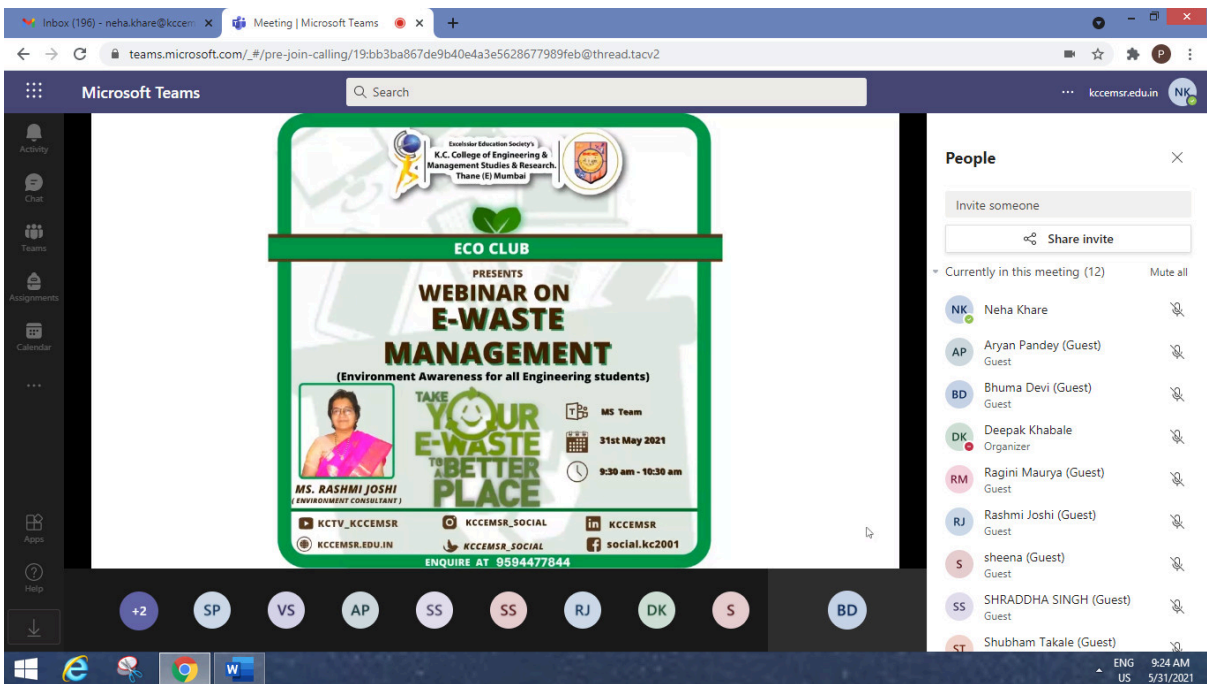
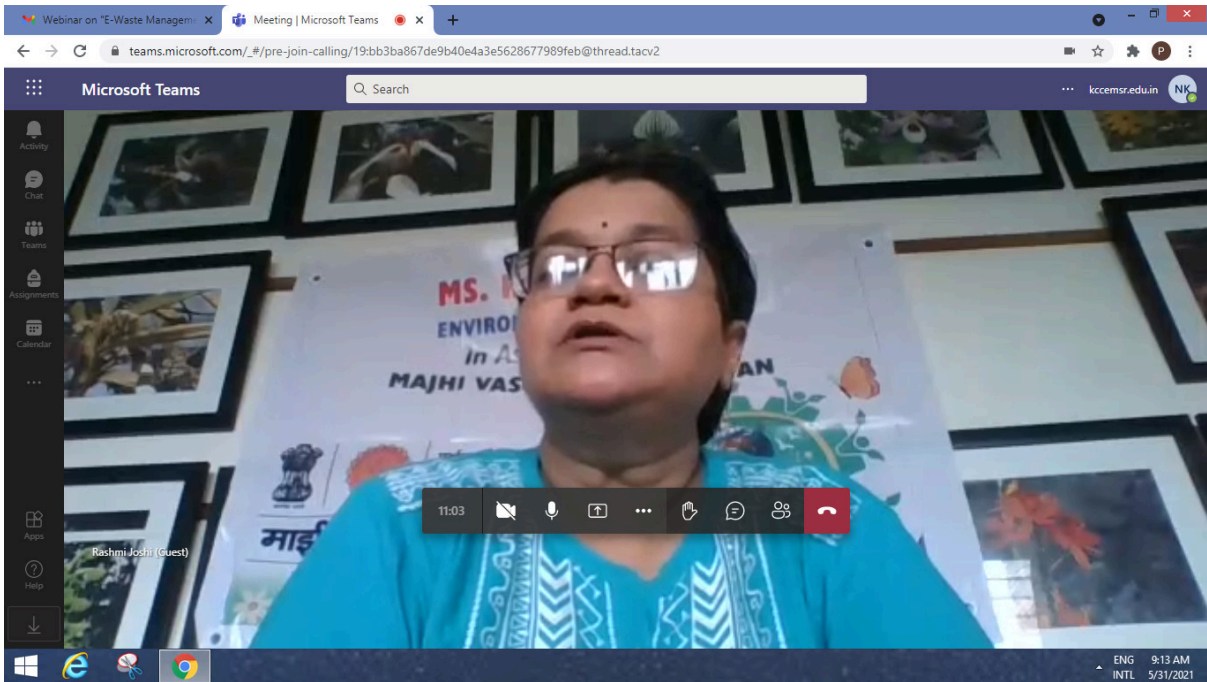


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Webinar on E-Waste Management



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Microsoft Teams

Recording has started. This meeting is being recorded. By joining, you are giving consent for this meeting to be recorded. [Privacy policy](#) Dismiss

Hazards Of E-Waste

Even plastic wires are burnt to extract their metal contents. Burning plastics produces dioxins, which cause reproductive and developmental problems, immune system damage and interfere with regulatory hormones.

Rashmi Joshi (Guest)

54:55

People




- Invite someone
- Share invite
- Currently in this meeting: Share invite Mute all
- Neha Khare
- 'Aayush Chandorkar (Guest)
- 'Simmi Singh (Guest)
- Aishwarya Ghangale (Guest)
- aman (Guest)
- Ananya Shetty (Guest)
- ANISH KHATU (Guest)
- Suggestions (3)

ENG 9:57 AM
US 5/31/2021



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KCCEMS R Eco Club Seed Activity

 <p>kccemsr ECO club SEED activity</p>	<p>1. COLLECT: seeds of vegetables & fruits</p> <p>2. WASH & DRY- the seeds in shadow for 24 hrs to make it moisture free</p>
	
<p>3. PACK & LABEL: the seeds in plastic or paper bags</p> <p>4. ECOclub will collect it and handover to Rashmi Joshi, environment consultant</p>	 <p>We need a farmer 3 times a day. help a farmer help yourself</p>



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MOU Signed with Environment Consultant





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National level online poster making competition- The Engineer's Way

Excelsior education Society's

K. C. COLLEGE OF ENGINEERING AND MANAGEMENT STUDIES AND RESEARCH, THANE (E)

Department of Humanities and Applied Sciences in association with ECO Club and Institution's Innovation Council (IIC)

Presents

"COVIDITY 2020"

National Level Online Poster Making Competition - The Engineer's Way

Topics - Message regarding care against Covid -19, Precautions to be taken, How to use Aarogya setu App, Benefits of Aarogya setu App, Inspire to fight Corona , creative slogan etc.

Category 1 - Using AutoCAD only

Category 2 - Using any other application

Submit your posters using below link

<https://forms.gle/KSb8HMePjzXEm59SA>

Last date of submission is 30/05/2020 till 12.30 p.m.

Winners will be announced on Social media

Winners and Participants will get E-certificates

Follow us on

Facebook - <https://www.facebook.com/social.kc2001>

Instagram - https://www.instagram.com/kccemsr_social

Twitter - https://twitter.com/kccemsr_social

For any queries contact : Asst. Prof . Sandesh Bhingardeve - 9422186065

Asst. Prof. Deepak Khabale - 9867080740



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National Level Quiz Based on Environmental Science


NATIONAL LEVEL QUIZ
based on Environmental Science
organised by



**K.C. College of Engineering
and Management Studies
and Research Thane,
Department of Humanities
and Applied Science In
Association with Eco Club**

**ATTEMPT ONLINE ANYTIME BEFORE
27/5/20 FOR FREE**

e-certificate will be awarded on passing

**To Attempt
follow link  <https://forms.gle/ViCQ39Y6xhq32NqH7>**

For queries call: 7758856455





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Tree Plantation Activity





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Paper Bags Distribution (Juhu Beach)





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No Vehicle Day





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ECO Awareness Program for First Year





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Mith Bunder Road, Near Hume Pipe, Kopri, Thane (E)- 400603.





EXCELSSIOR EDUCATION SOCIETY'S
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Solar Panel Installation



Report

On

GREEN, ENERGY & ENVIRONMENT AUDIT

of

**K.C. Collage of Engineering
and Management Studies & Research**
Thane

Prepared

By

Senergy Consultants Pvt Ltd
Mumbai

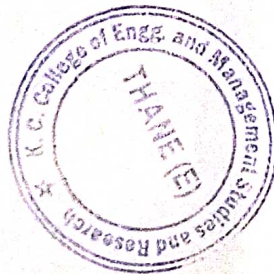
April – 2024


Helping You to Conserve Energy

Green, Energy & Environment Audit Report
K.C. Collage of Engineering and Management Studies & Research

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

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Green, Energy & Environment Audit Report
K.C. Collage of Engineering and Management Studies & Research

I Introduction

Green & Energy Audit was undertaken at K.C. Collage of Engineering and Management Studies & Research, Mithbunder Road, near Sadguru Gardens, Kopri, Thane (East) – 400 603, During the month of April 2024.

The organization is very keen to promote green culture wherever possible, as a commitment towards better environment and conservation of energy. A lot of efforts have already been put up to bring down the carbon footprint. To further optimize consumption and identify saving opportunities, M/s SENERGY Consultants was assigned to carry out Green & Energy Audit of the premises.

This Audit Report presents the analysis of the data collected, observations made at the facility and is governed by the objectives, scope of work, methodology etc. discussed in the ensuing paragraphs.

Team:

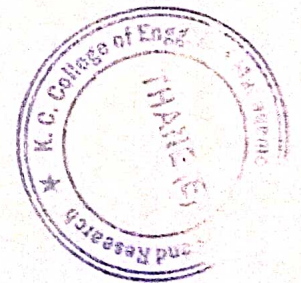
The team members of the audit study.


- Mr Ravindra Datar
- Mr Nitesh Kharche
- Mr Vivek Pawar
- Mr Vikas Kharatmol

Acknowledgment:

We wish to express our gratitude towards Dr. Saikiran Khanna (Managing Director - Excelssior Education Society), Dr. Puja Rai Pradhan (COO), Dr. Vilas Nitnaware (Principal), Dr. Avishek Ray (Vice Principal), Dr. Shelly Oberoi (Head of Department HAS) for having given us the opportunity for conducting the study and the support provided during the study.

We are thankful to Prof. Amarja Adgoankar (IQAC- Co-Ordinator), Dr. Pallavi Chopade (Creteria 7 Incharge), Prof. S. Bhuma Devi (Kc-Green Club Co-Ordinator), Prof. Sushma Kore (Kc-Green Club Sub Co-Ordinator), Prof. Punam Bagul (Kc-Green Club Member) for extending necessary help and co-operation from their side.




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II Executive Summary

The premises were evaluated against the various criterions laid down by the National Assessment and Accreditation Council (NAAC). The major observations are.

Renewable Energy:

- The college has installed Rooftop Solar Photovoltaic System with Net Metering Facility.
- There are no applications for Solar hot water.
- The quantity of plate waste (organic waste with higher starch contents) is negligible, consequently, there is no Potential for biogas generation. The College has already installed the Compost pit.

Air Quality & Ventilation:

- The classrooms and other areas are well ventilated to ensure proper air quality.
- The fans are appropriately installed to ensure proper air circulation.
- Indoor as well as outdoor plants have also been provided to improve the environment.
- The air conditioned rooms are provided with proper ventilation and fresh air.

Lighting System:

- The usage of natural light is optimized through well designed structures and windows.
- Almost all the lamps are replaced with energy efficient LED lamps.
- It is suggested to automate the switching of lamps in the common areas and washrooms with sensor based control.

Green Campus Initiative:

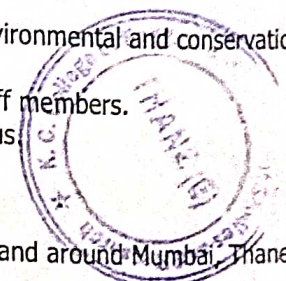
- The movement of vehicle inside the campus is restricted with vehicles of Staff and Special Dignitaries are allowed to enter the campus with designated parking area.
- Pedestrian friendly pathways have been constructed for easy movement inside the campus.
- The use of plastic has been reduced inside the campus.
- The campus is surrounded by a lot of greenery, trees, and proper landscaping.
- The college has internal committee for conservation of resources like energy, water.
- The student participation are also encouraged in such activities through student clubs and groups.

Environment & Energy Initiative:

- The college has formed internal committees and student Eco-club for promoting environmental and conservation activities.
- Various tree plantation & seed plantation drive was undertaken by students and staff members.
- Dry waste and E-waste collection drive was conducted by students inside the campus.

Water Quality & Conservation:

- The water is supplied by the Municipal Corporation, which is a common practice in and around Mumbai, Thane & Navi Mumbai.
- Water purifiers & coolers are provided on convenient locations.
- The distribution network and piping are satisfactory and adequate.



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Waste Management:

- The effluent water is discharged in the municipal drain, which is a common practice in and around Mumbai, Thane & Navi Mumbai.
- The organic waste is segregated and converted into manure in the composting pits.
- There is no hazardous or medical waste generated in the college.
- The electronic gadgets / waste is either donated if useful or handed over to appropriate waste collectors.
- The general solid waste is disposed through municipal corporation.

Infrastructure usage:

- Ramps and lifts are provided on the ground floor to address the needs of differently abled persons.
- The on-campus movement is distributed with multiple staircases.
- The fire extinguishers are provided at key areas.
- The draining system for washrooms is efficient and effective.
- There were no seepages observed in the building premises.

Air Conditioning System:

- The Air Conditioners are operated as required with manual control. The operation is minimal consequently automation may not be economical.
- The room temperature is maintained at 24 to 25 °C, which is well within the recommended values.
- The Air Conditioners are serviced regularly and properly maintained.
- Most of the Air Conditioners units are energy efficient with star rating of 3 & above.
- The air conditioned space is properly sealed to prevent air ingress / cold air loss.

Green IT culture:

- Energy efficient computers and laptops have been procured.
- Electronic communication is encouraged to minimize usage of papers.
- Most of the papers are reused for double sided printing to further minimize usage of paper.



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III

Electrical Gadget

Gadget List

Light Fittings:

Sr No.	Location	LED Lamps
1st Floor		
1	Language Lab	5
2	EDC 107	9
3	MDC 100	8
4	DLDA 106	6
5	Cabin	1
6	Project Lab 104-A	3
7	Common Lab 110	6
8	Microprocessor Lab 111	8
9	X Lab 112	14
10	Computer LAB 104	5
11	Classroom 103	8
12	Classroom 101	9
13	RB Office	7
14	Store	4
15	Corridor	8
2nd Floor		
16	Physics Lab	6
17	Chemistry Lab	4
18	Chemistry Lab Corridor	2
19	Biology Lab	10
20	Classroom 203	8
21	Classroom 204	3
22	HOD	2
23	Classroom 210	8
24	Classroom 211	12
25	Classroom 212	7
26	Classroom 213	7
27	New Computer Lab	6
28	Old Computer Lab	3
29	HOD IT	2
30	Lab	10
31	Classroom 207	7
32	Classroom 208	15
33	Boys Common Room	4
34	209	4



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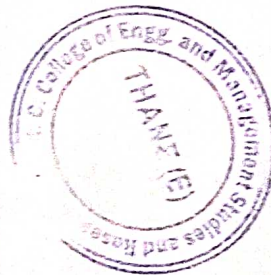
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Sr No.	Location	LED Lamps
3rd Floor		
35	Hall	10
36	Classroom 310	10
37	Classroom 311	11
38	Classroom 312	7
39	Classroom 313	6
40	Classroom 300	10
41	Classroom 307	9
42	Classroom 306	9
43	Corridor	12
44	Classroom 308	5
45	309 Lab	5
46	HOD Cabin	2
4th Floor		
47	Corridor	15
48	Washroom	1
49	Library	17
50	SSL Lab	10
5th Floor		
51	510	4
52	511	10
53	512	6
54	513	12
	Total	392

Ceiling Fans:

Sr No.	Location	Celling Fans
1st Floor		
1	Language Lab	6
2	EDC 107	8
3	MDC 100	9
4	DLDA 106	6
5	Cabin	1
6	Project Lab 104-A	2
7	Common Lab 110	8
8	Microprocessor Lab 111	8
9	X Lab 112	8
10	Computer LAB 104	4
11	Classroom 103	8
12	Classroom 101	8
13	RB Office	4
14	Store	2
15	Corridor	



(Signature)
Dr. Vilas N. Nitaware
Principal

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Sr No.	Location	Celling Fans
2nd Floor		
16	Physics Lab	4
17	Chemistry Lab	2
18	Chemistry Lab Corridor	1
19	Biology Lab	4
20	Classroom 203	8
21	Classroom 204	4
22	HOD	1
23	Classroom 210	8
24	Classroom 211	8
25	Classroom 212	4
26	Classroom 213	4
27	New Computer Lab	4
28	Old Computer Lab	4
29	HOD IT	1
30	Lab	9
31	Classroom 207	8
32	Classroom 208	8
33	Boys Common Room	2
34	209	4
3rd Floor		
35	Hall	36
36	Classroom 310	7
37	Classroom 311	8
38	Classroom 312	4
39	Classroom 313	4
40	Classroom 300	10
41	Classroom 307	8
42	Classroom 306	8
43	Corridor	
44	Classroom 308	4
45	309 Lab	4
46	HOD Cabin	1
4th Floor		
47	Corridor	8
48	Washroom	1
49	Library	16
50	SSL Lab	8
5th Floor		
51	510	1
52	511	2
53	512	1
54	513	8
	Total	309



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Principal

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Air Conditioning Units:

Sr No.	Lab Name	Floor	Quantity
1	Internet Lab (Lab 1)	Ground	3
2	Operating system Lab (Lab 2)	Ground	2
3	System Programming (Lab 3)	Ground	3
4	Seminar hall	Ground	4
5	Database Lab (Lab 4)	Ground	3
6	Training And Placement Office	Ground	1
7	Conference Room	Ground	1
8	Lobby	Ground	1
9	Chairperson cabin	Ground	1
10	MMS	Ground	1
11	IQAC	Ground	2
12	Principal Sir Cabin	Ground	1
13	Account	Ground	1
14	Temple	Ground	1
15	Admin	Ground	1
16	Lab x	First	3
17	Lab 109	First	2
18	K. B	First	3
19	Communication Lab	First	1
20	Microprocessor Lab	First	1
21	Lab 200(Fab Lab)	Second	2
22	208 LAB	Second	4
23	Lab 209	Second	2
24	Lab 309	Third	2
25	Simulation Lab	Fourth	2
26	IQAC	Ground	2
27	Principal Sir Cabin	Ground	1
28	Admin	Ground	1
29	Seminar hall	Fourth	2
30	MMS CLASSROOM	Fifth	6
31	Library	Fifth	1
	Total		61

Observations & Suggestions:

- Almost all the lamps are replaced with energy efficient LED lamps.
- The fans are of standard efficiency, which may be replaced with high efficiency fans with BLDC motor.
- The Air Conditioning Units are with star rating of 3 & above, which are intrinsically operate at high energy efficiency.



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- The Air Conditioners are operated as required with manual control. The operation is minimal consequently automation may not be economical.
- The temperature is maintained at 24 to 25 °C for air conditioning spaces, which is within the recommended values.
- The rooms are well ventilated and provided with fans at appropriate location for proper air circulation.
- The gadgets are serviced properly and maintained in good condition.

Electricity Bill:

Consumer Name: K.C. Collage of Engineering and Management Studies & Research	
Consumer No.: 000033051492	Utility Provider: Maharashtra State Electricity Distribution Co. Ltd.
Meter No.: 055-XC463891	Tariff Category: 89/LT-VII B I Contract Demand : 50 KW

Description	Unit	Aug-23	Sep-23	Oct-23	Nov-23	Dec-23	Jan-24	Average
Energy Consumption	KWH	11478	11071	13999	7939	7961	7999	10075
Bill	Rs	185388	173460	179310	126020	116910	119630	150120
Cost	Rs/KWH	16.15	15.67	12.81	15.87	14.69	14.96	14.9

Observations:

- The power consumption & cost is within the normal range.



Dr. Vilas N. Nitaware

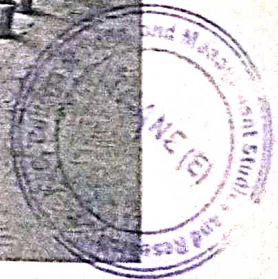
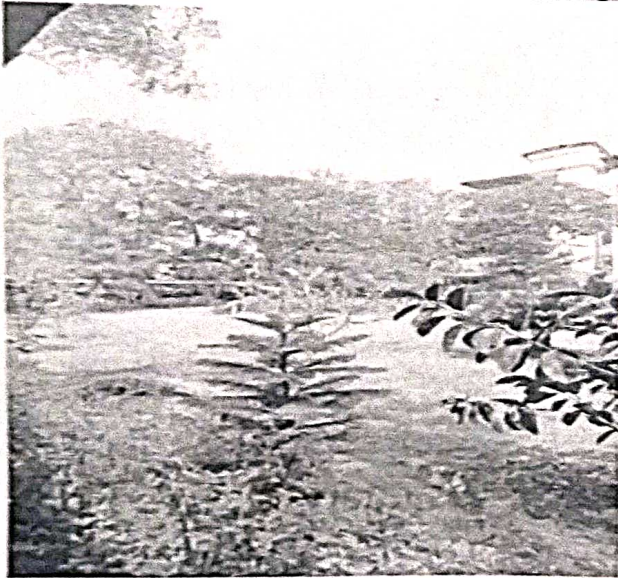
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IV Environmental System

Ventilation & Air Quality:

- The air ventilation is adequate.
- Several indoor & outdoor plants have been installed to improve air quality.



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Beyond the Campus Activity - A. Y. 2022-23

Sr. No.	Title	Date	No. of Participants
1	PRABHADEVI BEACH CLEANUP (WEEK1)	14/01/2023	23
2	PRABHADEVI BEACH CLEANUP(WEEK2)	21/01/2023	32
3	PRABHADEVI BEACH CLEANUP(WEEK3)i	28/01/2023	34
4	PRABHADEVI BEACH CLEANUP(WEEK3)ii	29/01/2023	16
5	PRABHADEVI BEACH CLEANUP(WEEK4)	04/02/2023	27
6	PRABHADEVI BEACH CLEANUP(WEEK5)	11/02/2023	31
7	CLOTH DONATION	14/02/2023	14
8	PRABHADEVI BEACH CLEANUP(WEEK6)	18/02/2023	35
9	PRABHADEVI BEACH CLEANUP(WEEK9)	11/03/2023	22
10	PRABHADEVI BEACH CLEANUP(WEEK10)	18/03/2023	45
11	PRABHADEVI BEACH CLEANUP(WEEK11)	25/03/2023	22
12	PRABHADEVI BEACH CLEANUP(WEEK12)	01/04/2023	20
13	Swatantrata Trek	15-08-2022	8
14	Seed Plantation Trek	24.9.2022	15

Beyond the Campus Activity - A. Y. 2021-22

Sr. No.	Title	Date	No. of Participants
1	Clean the mountains	21-03-2022	31
2	Prabalmachi Trek	25-10-2021	20

Beyond the Campus Activity - A. Y. 2019-20

Sr. No.	Title	Date	No. of Participants
1	Beach Cleanup	29.08. 2019	14
2	Post Visarjan Cleanup	10.09 2019	37
3	Mega Beach Cleanup	2.10. 2019	30
4	Beach Cleanup	29.08. 2019	17

Beyond the Campus Activity - A. Y. 2018-19

Sr. No.	Title	Date	No. of Participants
1	Beach Cleaning Drive	13.09.2019	8
2	Voyage - trekking at karnala	25.08.2018	10
3	Cleanliness drive at Dadar Beach	16.07.2018 to 26.07.2018	25



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E- Cell Activity

Sr. No.	Title	Date	Number of participants
A. Y. 2022-23			
1	Practical Guide to responsive website	14/06/2022	17
2	Personal finance seminar	28/07/2022	19
3	Empowering entrepreneurs	08/08/2022	349
4	Vision with intelligence	21/09/2022	37
A. Y. 2021-22			
1	Online Github	24/03/2022	31
2	Introduction to UI/UX Design	05/02/2022	52
3	Brisk walk into python programming	13/02/2022	52
4	Python Numpy Library	08/03/2022	45
5	Python Pandas Library	16/03/2022	45
6	IOT	19/03/2022, 01/04/2022, 05/04/2022	3
7	Data visualization with Matplotlib	03/04/2022	4
A. Y. 2020-21			
1	Get started with Git and GitHub	16.5.2021	All Ecell Team
A. Y. 2019-20			
1	Sci Fest Visit at Pimpri Village	06.03.2020	70
2	E cell Sabha with Alumni Jayesh Behra	29.09.2019	400
3	Technical Ganpati Festival Decoration	30-31.08.2019	All Ecell Team
4	Statup Summit(DICERUPT) At ISME	23-24.08.2019	All Ecell Team
5	Project Competition of Pragati Fest	16.03.2019	5
6	Business Model Competition	14.03.2019	26
7	Industrial Visit at ISME	08.02.2019	60
A. Y. 2018-19			
1	Women's Day Celebration	08.03.2019	40
2	IPR Seminar	13.03.2019	42
3	IPR Seminar	05.03.2019	All Ecell Team
4	ISME DATAVENTION WORKSHOP	23.01.2019	All Ecell Team
5	ASPIRE TO INSPIRE	15-17. 01.2019	70
6	Enterpreneurship Awareness Camp	24.09.2018	All Ecell Team
7	KED Talk	16.08.2018	57
8	Hands on Workshop on NSS Pro AT & Cybersecurity workshop	13.08.2018	All Ecell Team
8	KEDWorkshop on Intrapreneurship and Entrepreneurship	13.08.2018	All Ecell Team



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Soft Skill Activity - A. Y. 2022-23

Sr.No.	Project	Date	No. of Students
1	Campus Placement Soft Skill Training	14th to 16th July 2022	52
2	Report Writing session	19-07-2022	22
3	Professional Grooming	25-07-2022	20
4	Mock Placement Drive	1st to 5th.08 2022	64
5	Mock Placement Session for MMS	25th Nov 2022	40
Soft Skill Activity - A. Y. 2021-22			
1	Soft Skills training	19th to 30th 07. 2021	98
Soft Skill Activity - A. Y. 2020-21			
1	Maniacs of Editing	05-07-20	15
2	Letter to Corona Virus	09-07-20	25
3	Discusslada	25-07-20	25
4	Blog-Top 5 Audio Books to Listen To	29-07-20	10
5	Magazine- Vilakshan	07-08-20	10
6	Night Talks	10-08-20	15
7	How to Crack an Interview (Joint Project)	12-08-20	30
8	Report Writing Session	13-08-20	31
9	Debatesio – A Roleplay Debate Competition	23-08-20	32
10	LinkedIn Progress	11-11-20	30
11	Soft skills Development Training Program	22.10.20	81
12	Soft skills Training	18th to 21st 08 2020	76
Soft Skill Activity - A. Y. 2019-20			
1	Soft skills Training	3rd to 5th 02 2020	41
2	Poem competition 1	01 to 05.03.2020	17
3	Jamming Competition	09.04.2020	350+ views
5	Live Session with content creator Urvee Tondwalkar	18.04.2020	355+ views
Soft Skill Activity - A. Y. 2018-19			
1	A House of tales – a micro tale contest	07.02.2019 to 16.02.2019	33
2	Group discussion	25.09.2018	38
3	Debate training session	26.09.2018	49
4	Jam(just a min) workshop	27.09.2018	48
5	Public speaking training workshop	28.09.2018	19
6	Mock Placement Process	6/9/2018 - 10/10/2018	100

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