

SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

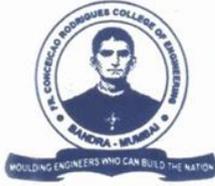


Metric No. 7.1.3

**THE INSTITUTIONAL ENVIRONMENT AND
ENERGY INITIATIVES**

Additional Information





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

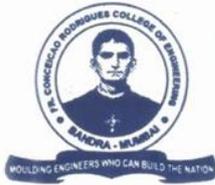
(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

Sr. No.	Content	Page No.
1	Green Campus Initiatives	<u>3-18</u>
2	Beyond the campus environmental promotion activities	<u>19-38</u>



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

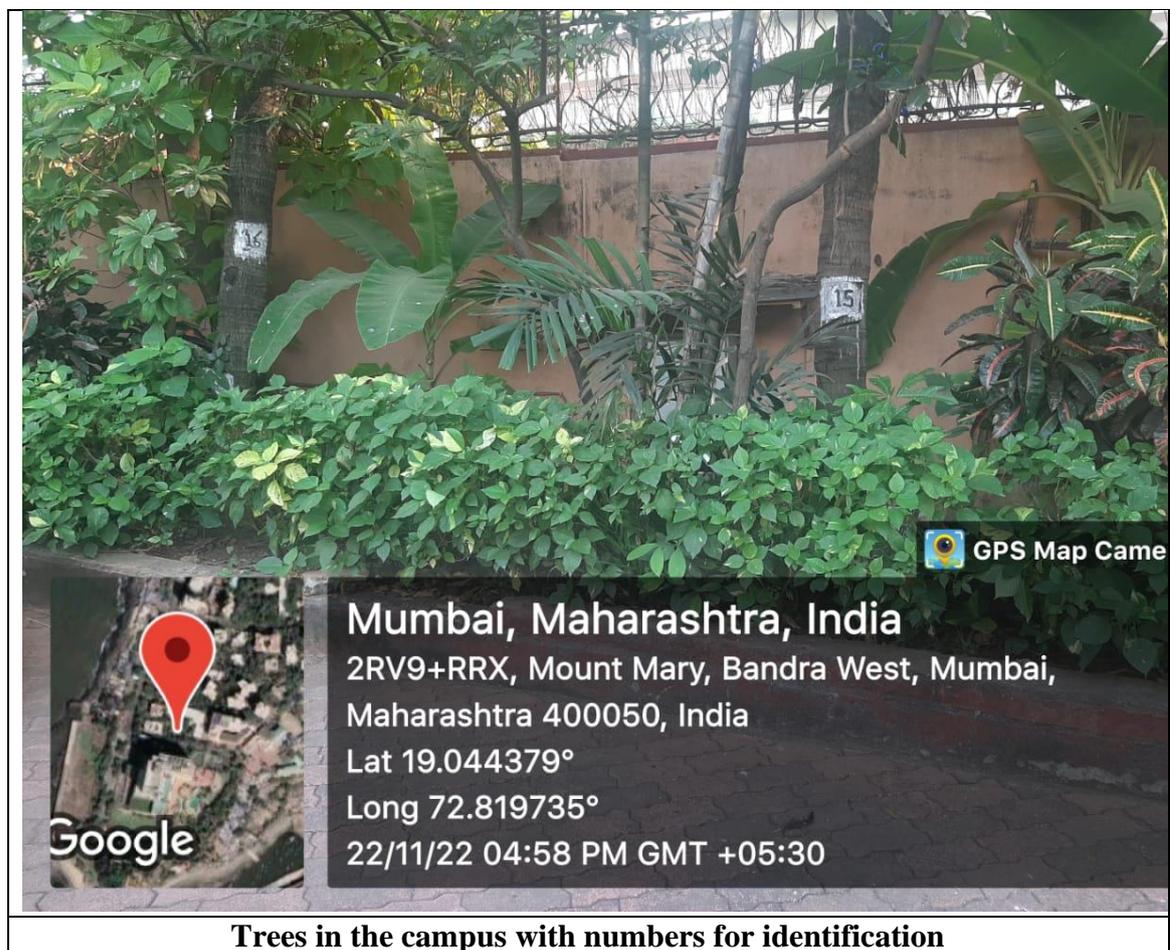
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

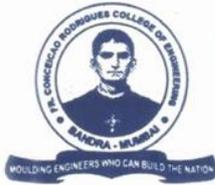
Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

1. Green Campus Initiatives

The institute is surrounded by local trees planted in the campus. Some of the trees in the campus are Coconut, Badam, Asoka, Black jamun, Jackfruit, Chiku, Mango, Neem etc. The NSS CRCE also conducts events related to tree plantation in the campus at regular intervals. The images of some of the trees in the campus are given below.





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



Mumbai, Maharashtra, India

2RVC+P5H, Mount Mary, Bandra West, Mumbai,

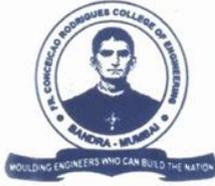
Maharashtra 400050, India

Lat 19.044347°

Long 72.820372°

22/11/22 05:09 PM GMT +05:30

Trees planted during tree plantation drive by NSS CRCE



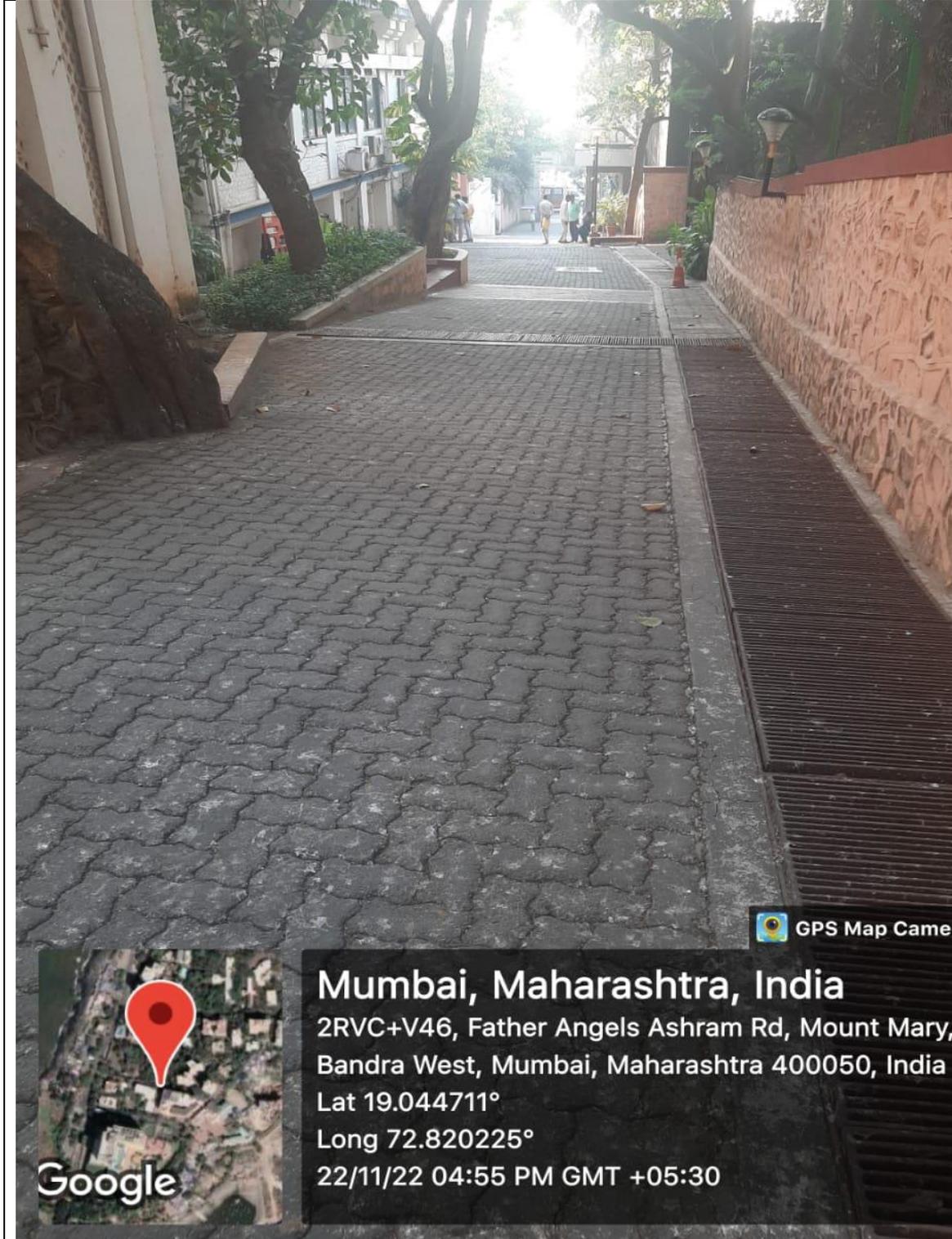
SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



GPS Map Came



Google

Mumbai, Maharashtra, India

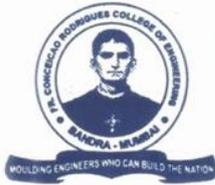
2RVC+V46, Father Angels Ashram Rd, Mount Mary,
Bandra West, Mumbai, Maharashtra 400050, India

Lat 19.044711°

Long 72.820225°

22/11/22 04:55 PM GMT +05:30

Trees in the campus



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON TREE PLANTATION IN COLLEGE

Date: February 15th, 2022

February 15th, 2022, Mumbai

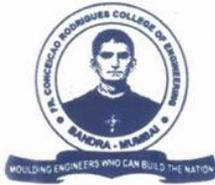
The NSS unit of the institute had organized Tree Plantation at Fr. Conceicao Rodrigues College of Engineering. The Council members of NSS first of all took all the saplings to the college. All volunteers and council members were assigned the task to plant flowering and non flowering plants in a pot and some other basic gardening work.

In all 30 trees, were planted on the occasion, in which 15 are flowering plants and 15 were of non-flowering plants.

All the members took active participation. It was indeed a great experience.

Glimpses of the activity are as follows:





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON 1-Week Terrace Garden Project

Date: 18th-24th August 2019.

Place: Fr. Conceicao Rodrigues College of Engineering.

Plantations of trees is important as they improve the life and fulfil essential needs of mankind. During photosynthesis, the trees breakdown food materials and consume carbon dioxide. Resultantly with the help of sunlight, the trees produce carbohydrates. Moreover, trees support life by providing habitat to different species such as squirrels, bees and birds. Trees cleanse the climate by absorbing carbon dioxide from the environment and releasing oxygen. The trees cool the environment through their leaves by absorbing the sun heat. Thus, there occurs cooling in the atmosphere. The trees provide shades to houses and streets.



Image : fund raising stall.

Trees clean the air by absorbing harmful chemicals such as nitrogen oxide and removing dust particles from the air by absorbing them in their leaves. Another importance of planting trees is that they save the water from impurity. Trees stop water pollution by breaking the direct fall of rainfall to the ground. Through trees, we make furniture and produce materials like books and papers. Trees help to relax and to reduce blood pressure. Different species of trees also relax the mood of people.

We had kept a proper fund raising program and list of those who have donated and their record we had kept crystal clear with everyone our principal and director supported and helped us a lot for this initiative.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

•
Pre-planning of the project

Our college has had a long standing tradition of preservation of culture, heritage and flora and fauna. In order to sensitize students towards the need to preserve our environment and ecology, tree plantation drives are organised in our college from time to time. One such drive was held during 18th-24th August.

Firstly our college performed a fund raising campaign for the tree plantation project. Many students showed keen interest in donating for the project and most of the fund required were provided by our college. Then the collection of things started accordingly. Firstly to make the pots for planting the plants we collected old drums, cut them to half and recycled them. Then after soil and compost were collected to give nourishment to the plants for further growth.

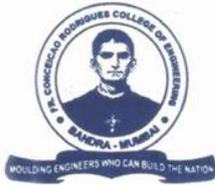
In this pre-planning I with my fellow mates had to get things delivered drums cut compose mixed and keep ready for planting.



Image: Preparations for the tree plantation

Afterwards we collected plants from local nurseries which included some basic fruit and normal plants which included;

- Guava
- Kaju(Cashew)
- Lemon
- Hibiscus
- chickoo ,etc.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

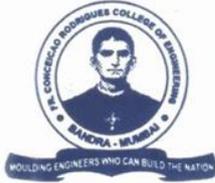
- **Initiation of the tree plantation**

On the first day i.e, on 18th of August our NSS unit members gathered together for the project as per the given schedule. Then the plants were planted accordingly with great interest by our NSS members as instructed by our teachers. Our NSS unit showed keen interest while planting the plants and filling the pots with soil and compost. All the pots were labelled based on the tree planted in them. As this day was special we had to keep everything ready and our plants are to be planted finally.



saplings.

Image: Plantation of



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

- **Inauguration**

After all the plantation was done, our director, 'Fr. Valerian Dsouza' and principal 'Dr. Srija unnikrishnan' inaugurated the terrace garden project and watered the plants with various other faculty members planting samplings.



Image: Inauguration ceremony

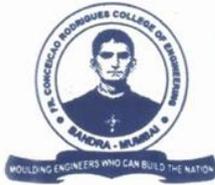
The project took place in a good shiny area within the college premises. Its motive was to;

- Provide more greenery to our college premises.
- Keep the surrounding air healthy and clean
- Provide food and fruits
- Add unity to in our NSS team and rise team-spirit

Our NSS members gathered after college and happily contributed towards the initiative. We hope our efforts do not go in vain and give us good outcomes. Various plants are thus set up and we take care of it on regular basis and water idaily. Thus, this was the little we contributed towards our planet, for its better future.



Image: Sampling planted on terrace garden .



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

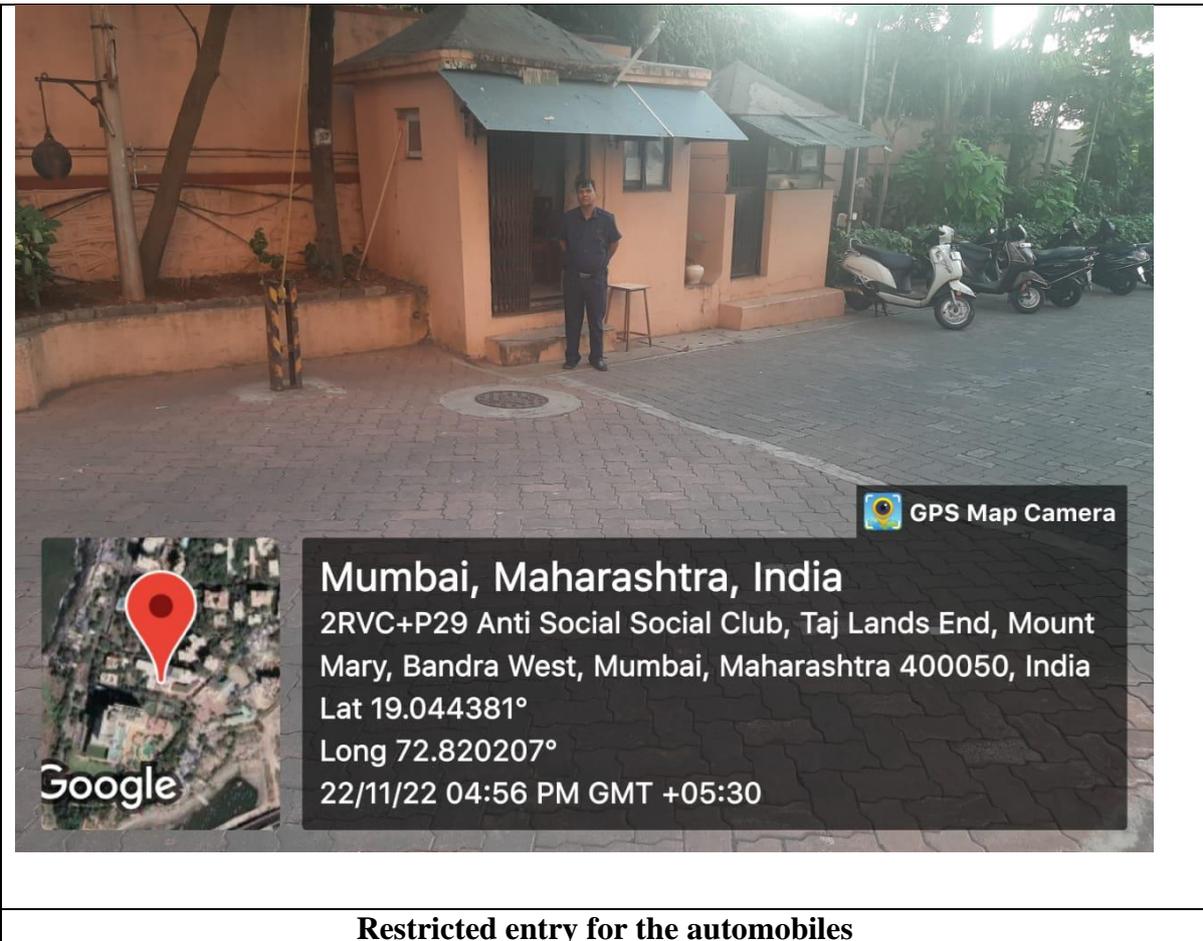
(Approved by AICTE & Affiliated to University of Mumbai)

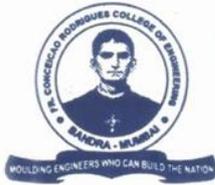
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

The institute has restricted entry for automobiles. All the automobiles are parked in a stipulated area beyond which they are not allowed to enter in the campus to keep the pollution level at the minimal.





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

fragnel.edu.in:7676/Atten/myAtten.php - Google Chrome

Not secure | fragnel.edu.in:7676/Atten/myAtten.php

Fr. Conceicao Rodrigues College of Engineering

Academic Records

Attendance Entry	
Faculty Name	Saurabh K. Kulkarni
Subject Name	Artificial Intelligence - Theory
Branch	Artificial Intelligence & Data Science
Week No.	21

No. of Alloted Classes in this week [As per Timetable]	<input type="text"/>
No. of Classes Conducted in this week	<input type="text"/>

Roll No.	Student Name	Previous Week(s) Attendance	This week Attendance
9352	ANABATHULAOMKARGOVARDHAN	31 / 36 (86.11 %)	<input type="text"/>
9353	BARWELLBORN RICHARD	34 / 36 (94.44 %)	<input type="text"/>
9354	BARNES VINCENT VICTOR	29 / 36 (80.56 %)	<input type="text"/>
9355	/BHALEKARRHEANILESH	22 / 36 (61.11 %)	<input type="text"/>
9356	BILALAHMEDMOHAMMEDFARRUKH HAR	22 / 36 (61.11 %)	<input type="text"/>
9357	BODKHESAHILSAMBHAJI	27 / 36 (75.00 %)	<input type="text"/>
9358	/CARVALHOLEMMIESTEPHEN	25 / 36 (69.44 %)	<input type="text"/>

Student attendance monitoring system



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

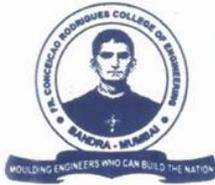
Website : www.frce.ac.in • Email : crce@fragnel.edu.in

Fr. Conceicao Rodrigues College x Other Services x CRCE - Staff Register x Inbox (3) - saurabh.kulkarni@fra: x +

← → ↻ Not secure | granth.fragnel.ac.in:5186/staff/St_Detail_S.php

Edit Increment Family/Nominaton Pay Slip Logout	
	Emp. No. : 10525 Name : Mr. Saurabh Keshav Kulkarni Designation : Assistant Professor Department : Artificial Intel & Data Scinece Nature of Appointment : Regular [Fulltime] Join Date : 02-01-2013
Personal Details	
Title	Mr.
First Name	Saurabh
Middle Name	Keshav
Sur Name	Kulkarni
Old Name	
Father Name	Keshav Kulkarni
Mother Name	Mugdha
Gender	Male
Birth Date	07-09-1987
Category	OPEN
Religion	HINDU
Residential Address	B-501, Sai Tower Near Old MHB Colony,

Employee records management system



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

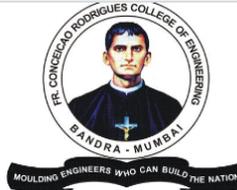
Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

samay.fragnel.edu.in:1234/CRCE/sbook.php - Google Chrome

Not secure | samay.fragnel.edu.in:1234/CRCE/sbook.php



Fr. Conceicao Rodrigues College of Engineering
Extracts of Service Book

Select

Personal Information

- Personal Information
- General Information [Nomination, Family Details etc.]
- Information on Pay Scale, Increments, Promotions etc.

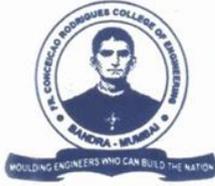
Leaves

- Leave Application [New Leave Application]
- List / View Status of Leave Application(s)
- Leave Register [w.e.f 2010-07-01]
- Leave Synonyms Descriptions

Attendance

- Attendance Records [Current & Previous Calendar Year]

Leave and Biometric management system



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

classroom.google.com/w/MjYwNTEzMTY0Nzgz/t/all

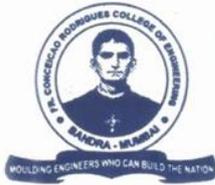
Big Data Analytics
2020-2021

Stream **Classwork** People Grades

Big Data Analytics Applications

- ppt on social network and types Posted May 8, 2021
- Recording of 7May lecture on social networ... Posted May 8, 2021
- ppt on HITS algorithm Posted May 7, 2021
- Recording of 7May lecture on HITS algorithm Posted May 7, 2021
- ppt on PR calculation using MR, topic sensiti... Posted May 6, 2021
- Recording of May 6 lecture on PR calculatio... Posted May 6, 2021
- ppt on dead ends, spider trap and use of pa... Posted May 6, 2021
- Recording of May 6 lecture on dead ends, s... Posted May 6, 2021

Course management system



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

NSS CRCE has organized seminars on climate changes and carbon footprint to create awareness among students and staff. The reports of those seminars are shown below.



NSS CRCE



Report on climate change seminar.

Place : Fr. C.R.C.E

Date : 22nd June 2019.

Climate change is having serious impacts on the world's water systems through more flooding and droughts. Warmer air can hold a higher water content, which makes rainfall patterns more extreme.

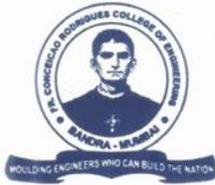
Rivers and lakes supply drinking water for people and animals and are a vital resource for farming and industry. Freshwater environments around the world are already under excessive pressure from drainage, dredging, damming, pollution, extraction, silting and invasive species. Climate change only exacerbates the problem and makes this worse. Extremes of drought and flooding will become more common, causing displacement and conflict.

NSS unit of Fr. Conceicao Rodrigues College of Engineering took this step to make everyone aware about the changes and that they should take certain action or measures for better world. we conducted seminars by showcasing presentation and showing video clips of what is happening in their surrounding. This carried on for a month where each day at least two seminar were covered according to time table.

My role as a leader was to organize seminars take permission and conduct it. I would like to thank our dean Dr. V. B. Bhoir who helped in arranging class and organize seminar smoothly.



Image : our member taking presentation.



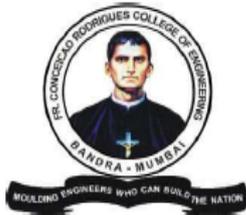
SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



**REPORT ON CARBON FOOTPRINT
WEBINAR**

Date: 27th September, 2020.

Place: Online Workshop

No. of Volunteers attended:65

Carbon Emissions have increased at an alarming level! One of the major reasons of Global Warming are Carbon Emissions. In fact, they account for more than 76% of the Greenhouse gases. They impact our planet and the climate change significantly.

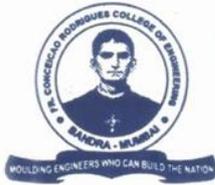
Thus, it becomes really important for us to be aware of all the necessary information, so that we can make a change! Keeping that in mind, we at NSS CRCE, organized an Online Workshop on Carbon Footprint with Only Planet.

One of the members of Only Planet, Sunita Rajesh, provided us with all the information on Carbon Emissions, Carbon Footprint, and about the alternatives which we can make everyday to lower our Carbon Footprint. For Example – Using Reusable Masks and Gloves rather than the Disposable ones.

She spoke about the different greenhouse gases, about the extensive use of plastic and how drastically it has affected our planet. She went on with the major contributors of Carbon Emissions, which is Transportation, Electricity and Industry.

To make our members understand better about Carbon Footprint, she demonstrated on how to use the Carbon Footprint Calculator. This calculator approximately measures your carbon footprint which you have been contributing to the planet, knowingly or unknowingly. Many Students volunteered and calculated their footprint along with Sunita Ma'am.

This was followed by a very active Q & A session, which included questions like, What should be an Ideal Carbon Footprint, How does eating non - veg promote more Carbon Footprint and many more.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

2. Beyond the campus environmental promotion activities

The institute also promotes beyond the campus environmental promotion activities including tree plantation drives, beach cleaning drives etc. at places outside the campus.



NSS CRCE



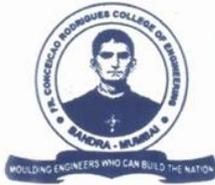
REPORT ON TREE PLANTATION AT ST. JOSEPH

Date: March 12th, 2022

Fr. CRCE launched an extensive plantation programme in St. Joseph on March 12, 2022. As a part of national service scheme our institute binds to contribute to the activities which are beneficial to the improvement of the society. The students and teachers from our college planted saplings in empty places in well organized manner. The tree plantation programme started at 10am. In order to restore the eco-balance of the afforestation this drive was taken with all seriousness. Trees play an important role in reducing the air pollution and to maintain the good quality air level in environment. So every individual should plant as many trees as possible. Because day by day pollution level in environment is getting worse. Hence, plantation is the only solution. As the surrounding of St. Joseph high school is crowded by vehicles so it may lead to increase the pollution level in that area. As it is also surrounding by educational institute, tree plantation will help to maintain the good air .

This tree plantation programme was done in collaboration with turning tide George Sir who helped us a lot. All necessary support was provided to students and thus the programme was successfully completed. Participants were highly excited and enthusiastic to make it a big success. Students understood the importance of plantation and types of trees beneficial for environment





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

Day 6 (9/3/22): Trekking and Cleanliness Drive on Tandulwadi Fort

As a recreational and volunteering activity, NSS CRCE organised a trek to the Tandulwadi fort and cleanliness drive on the way to the fort. This greatly helped in increasing the beauty of the path leading to the top of the fort. Having to clean the garbage themselves, the volunteers realised the importance of maintaining the hygiene of places of natural and historical importance.





SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON TREE PLANTATION WITH SOCIETY PEOPLE

Place: Emerald Court Garden Mumbai (Andheri w)

Date: 5th JULY 2019.

Every man needs the oxygen for their life and trees are the foremost source of oxygen as well trees help to reduce the level of CO₂. As we all know that the whole world is facing the problem of global warming and to recover from such a problem planting trees has become one of the most important aspects of today's life.

NSS Unit of FRCRCE organized "Tree Plantation" programme "MY EARTH – MY DUTY" under the National Service Scheme (NSS) on Friday, 5th July, 2019 in the Emerald Court Garden premises. It was attended by NSS Programme Coordinator, Society People and more than 10 student volunteers.

The event was begun with the welcome speech by the NSS event coordinator. At that time the coordinator advised the volunteers to think differently for the society, to make positive changes and to make improvement. My role here was to arrange saplings and collect society people and arrange for this programme.



Image : Society ladies helping in plantation.

After the inspirational words of the NSS coordinator, we all moved towards the place where tree plantation took place. Total trees planted by all others including Society, volunteers and other students was more than 30 on the day. Under the guidance of NSS Program Coordinator, NSS volunteers and Society people of their area planted more than 20 trees. The students also placed bricks as barricades and each student took the responsibility to nourish and maintain the allocated plant. Eventually, the ground attained a glorious look. The committee decided to proceed with the same inspiration, enthusiasm and zeal to enhance the beauty of the campus.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON TREE PLANTATION

Date: 8th August 2019

Place: Mumbai.

“Reversing deforestation is complicated; planting trees is simple”

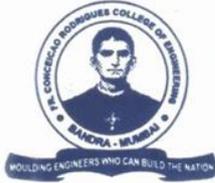


Image : one of our nss member planting.

Fr. CRCE launched an extensive plantation programme in St. Peter's high school on August 8. As a part of national service scheme our institute binds to contribute to the activities which are beneficial to the improvement of the society. The students and teachers from our college planted saplings in empty places in well organized manner. The tree plantation programme started at 10am. In order to restore the eco-balance of the afforestation this drive was taken with all seriousness. Trees play an important role in reducing the air pollution and to maintain the good quality air level in environment. So every individual should plant as many trees as possible . Because day by day pollution level in environment is getting worse. Hence, plantation is the only solution. As the surrounding of St . Peter's high school is crowded by vehicles so it may lead to increase the pollution level in that area. As it is also surrounding by educational institute ,tree plantation will help to maintain the good air quality.



Image : turning tide founder Mr. George giving instruction to our Nss members.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

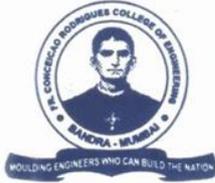
Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

This tree plantation programme was done in collaboration with turning tide George Sir who helped us a lot. All necessary support was provided to students and thus the programme was successfully completed. Participants were highly excited and enthusiastic to make it a big success. Many trees were planted like neem, Ashoka, Queen's flower, tulip tree, fountain tree. Fruits like guava, mango, etc. were planted. Participants planted, fenced and watered the plants. Students understood the importance of plantation and types of trees beneficial for environment.



Image : group pic of plantation drive.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

Tree Plantation Drive

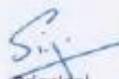
On 20th October 2018, Fr. Conceicao Rodrigues College Of Engineering successfully completed the event of Tree Plantation under the National Service Scheme. The drive took place at the university and around 10 fruit bearing sapling were planted in the campus with the idea of generating a food forest for the same. Trees are the foremost source for producing the oxygen in environment, they helps to reduce the level of CO₂. As we all know that the whole world is facing the problem of global warming and to recover from such problem planting the trees is become one of the most important aspects today.

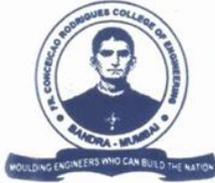
NSS CRCE took the initiative to contribute to a **Greener and Healthier Mumbai** through its Tree Plantation drive. A total of 78 NSS members participated in the drive. Event Heads from NSS CRCE Alden D'souza and LenisRodricks, lead the drive. The tree plantation drive was inaugurated by our Prof. HitendraBabododasVaishnav, thereafter it was taken up by the volunteers for the rest of the saplings.




Program Officer




Principal



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

Fr. Conceicao Rodrigues College Of Engineering, Bandra (W)
National Service Scheme(NSS)

Report On Tree Plantation 2017

From : PO. Saurabh Korgaonkar

On 22nd July, 2017, Fr. Conceicao Rodrigues College Of Engineering successfully completed the event of Tree Plantation under the National Service Scheme. Trees are the foremost source for producing the oxygen in environment, they helps to reduce the level of CO₂. As we all know that the whole world is facing the problem of global warming and to recover from such problem planting the trees is become one of the most important aspects today.

NSS CRCE took the initiative to contribute to a **Greener and Healthier Mumbai** through its Tree Plantation drive. A total of **35 NSS members** participated in the drive. Event Heads from NSS CRCE Russel Rodrigues and Vanessa Rodrigues, lead the drive. The tree plantation drive was inaugurated by our Prof. Hitendra Baboo Das Vaishnav, thereafter it was taken up by the volunteers for the rest of the saplings.

A total of **32 saplings** were planted in Evershine City, Vashi (E). They consisted of robust plants of two varieties, apt for roadsides and were planted alternatively. The BMC supplied the required plants. The plantation began at 1:00 pm and took approximately 2 hours to complete. A sense of satisfaction flared on each one's face in giving back to the nature. NSS is thankful to Prof. Hitendra all the members for their valuable contribution in this drive.

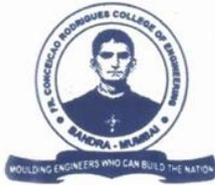


Volunteers all set for the Plantation Drive

Saurabh
Program Officer



S.P.
Principal



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in

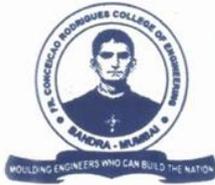


On completion of the Plantation Drive

[Signature]
Program Officer



[Signature]
Principal



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON GANPATIVISARJAN CLEANUP - 1

Place : Juhu beach, Mumbai.

Date : 19th September 2019.

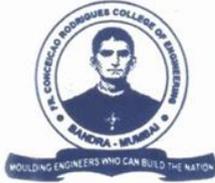


Image : condition of Juhu beach before the cleanup

Ganpati Visarjan is an auspicious ritual and a festival that brings people together. But with those festivities enjoyed by a large crowd, The beaches used for visarjan end up with a lot of litter and waste. This litter is very degrading for the environment and the marine life. The beaches also are a huge tourist attractions and provide income to many people. Fr. Conceicao Rodrigues College of Engineering NSS unit took an initiative in collaboration with Association of Social Beyond Boundaries foundation to clean up Juhu beach located in Mumbai suburban, as Ganpati Visarjan beach cleanup. Our enthusiastic volunteers reported at the rendezvous point at the Juhu beach, Mumbai in the morning and started cleaning the beach. The volunteers gave their best for about 5 hours and the results show their hard work. This event made the volunteers realize the importance of cleanliness and preserving the environment. And how to come up with a better alternative to celebrate Ganesh Utsav, By using clay idols, paper idols and doing visarjan in artificial ponds or coming up with a metal Ganesh idol and reusing it every year.



Image: group picture of volunteers at Juhu beach after the cleanup.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



Chinbai Beach

Date: 21st September 2019

Place: Chinbai village, Bandra.

On 21st September 2019 which is also international peace day and world coastal cleanup day, To celebrate this day FR. Conceicao Rodrigues College Of Engineering NSS unit in collaboration with united way mumbai had conducted a cleanliness campaign. This beach cleanup campaign was conducted to gain awareness among people to keeping the environment clean and neat as said by anonymous that when you come to sea shore only leave your foot prints and carry your memories.



Image : our volunteers cleaning.

Arriving at the Chinbai Beach in month of September we were unpleasantly surprised. The amount of trash observed while we walking towards our designated spot for cleanup was simply too astonishing.

The objective for our cleanup was to beautify the beach. For this beach cleanup event 30 students for fr. conceicao Rodrigues college NSS unit along with 25 from United way foundation volunteers for this event. A lot of people had gathered for this cleanup with various organizations background and individuals. With this same motto and initiative we had to do publicity about this cleanup by social media and messages and coordinate united way for collaboration.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



Image : Volunteers working for cleanup.

After the briefing all the participants were eager to clean the beach. The cleanup started at 8 am and ended till 11am. The garbage was collected in huge bags and kept at one place. That collected garbage was later taken by the municipality.

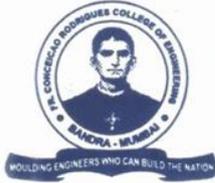
I believe this project of NSS has been the most valuable project and priceless experience to all participants. We have been through many challenging experiences along this beach cleanup. For instance, the quick sand at some parts of the beach.

Besides, one of the biggest challenges was we had to collect all the state rubbish which sometimes emitted a foul smell and we even found some nappies that were thrown inside the rocks. It was awful, yet it gave us a challenging experience.

NSS CRCE is grateful to all the participants and the United Way Foundation to give our members an opportunity to work.



Image : group picture of NSS members



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

2017-18

Fr. Conceicao Rodrigues College Of Engineering, Bandra (W)
National Service Scheme(NSS)

Beach clean up drive

From : PO. SaurabhKorgaonkar

On **15th July, 2017**, Fr. Conceicao Rodrigues College Of Engineering were successful in giving the **Juhu Beach** a new look under the **National Service Scheme(NSS)**. The event took place from 8:30am to 10:30am. All volunteers gathered up at Chowpatty beach at 8:30am.

To give a small boost the "**Swachha Bharat Abhiyaan**", NSS-CRCE planned their first activity of the year as a beach cleanup activity at Juhu Beach. A lot of our concerned students turned up to give a helping hand in this noble cause. We helped the BMC by collecting 7 bags of 10kg waste. Volunteers were provided with masks and hand gloves. They started cleaning up all the waste materials including broken murti pieces, flowers, plastic covers etc. which were left at the beach. The waste mostly contained plastic which does not decompose easily and causes harm to the marine life.

A total of **26 members** attended the Beach Cleanup drive (including **15 girls and 11 boys**). The BMC were more than happy, that we extended help to them. At the end, the BMC as well as the students felt great pride in seeing the beach all clean. This created a sense of responsibility amongst them for the balance of environment.



Figure 1 Beach Cleanup with BMC

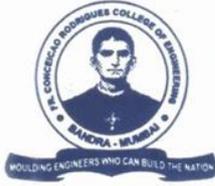


Figure 2 Poster of the event

Saurabh Korgaonkar
Program Officer



S.P.
Principal



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



Figure 3 Volunteers in action


Program Officer




Principal



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

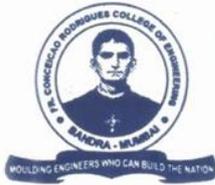
(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

NSS CRCE also organizes events like waste management awareness campaign in society, making of compost pit in garden etc. It also organizes rally on plastic ban. The reports of the same are given below.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON WASTE MANAGEMENT SEMINAR

Date : November 15th, 2019.

Place : Mumbai

NSS CRCE conducted a seminar on waste management in collaboration with **RUR foundation** in a society in Andheri East, Mumbai.

RUR GreenLife is a socio-environmental organization, founded in 2009, passionately working for the planet by employing an end-to-end, cradle-to-cradle approach towards urban solid waste management. At RUR, people ideate, design, build and implement customized turnkey 'waste-to-resource' solutions which are sustainable and decentralized for homes, schools organizations and corporate offices. They optimize waste recycling (>90%) and thus minimize the impact on landfills and environment.



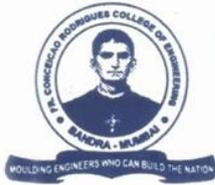
Image : RUR Greenlife foundation logo

Vision of the foundation :

- To spread eco-consciousness amongst citizens and help them contribute to our planet by adoption good green practices.

Mission of the foundation:

- Sensitize and educate citizens towards sustainable living
- Develop eco-friendly products as green alternative
- Innovate and design solutions to maximize recycling at source and reduce loads to the landfills.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

All the members of the society assembled at the society ground. The seminar began at 10:00 am.



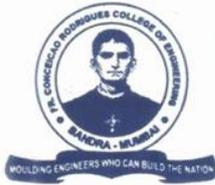
Image: Society members at the seminar

In this seminar, the society members were made aware of the importance of waste management and how to go about accumulating and reducing the waste which is beneficiary for the ecological system. They were instructed about segregation techniques for 3 types of wastes namely WET waste which is BIODEGRADABLE, DRY waste which is RECYCLABLE and TRASH which is NON-RECYCLABLE. Then they were instructed about the significance of 3R's- REDUCE, REUSE AND RECYCLE – how to reduce the amount of waste, how to recycle the waste and use it again. It was a very informative session.



Image: Society member giving a plant sapling as a token of thanksgiving to the foundation

NSS CRCE and the society members are thankful to the RUR foundation for this session and make us aware about the importance of waste management which is essential for ecological survival and protecting the human and animal special from the harmful side-effects of this waste in our environment.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



REPORT ON MAKING OF COMPOSE PIT

Date: August 17th 2019.

Place: Mumbai



Image : composed pit.

One of the first steps in changing food culture is to develop a food growing area . A key part of this is having an effective composting system in place. This is a cornerstone of organic gardening and has many benefits to the community and environment. Making compost is not only about providing soil and plants with a source of food, it is an integral part of working organically and reducing waste. Composting provides a useful way for teachers, pupils and catering staff to explore educational opportunities together. Producing compost reduces waste to landfill, greenhouse gases and dependency upon peat based growing media and chemical fertilisers, saving money and the environment.

The NSS Unit of FRCRCE organized "Making Of COMPOSE PIT" programme under Guidance of sir George (founder) and the National Service Scheme (NSS) on Saturday, 17th August, 2019 in the Emerald Court Garden premises. It was attended by NSS Programme Coordinator and more than 50 student volunteers.

The event was begun with the welcome speech by the Sir George and NSS event coordinator. At that time Sir George advised the volunteers to think differently for the society, to make positive changes and to make improvement.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

Improving soil by using compost is a keystone of organic gardening. Well-made compost is an incredibly useful material. It is a wonderful soil improver, aiding water retention in light sandy soils and breaking up heavy clay soil. As a growing medium it provides nutrients to plants, allowing for vigorous growth and higher yields. When used as mulch it feeds the plant and improves soil. The composting process has many learning opportunities that are accessible to pupils of all ages. Keeping that thought in mind all nss member started building up the compose pit.



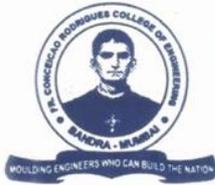
Image : volunteers digging for pit.

After all hardwork and determination by NSS member the compose pit was ready. It was a successful event, everyone enjoyed and being a part of the program.

This project is just an initiative by nss member, hoping that in future there will be many more such kind of activities that will insist on giving , by following the quote 'We make a life by what we give.'



Image : group pic of Nss members.



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in



NSS CRCE



Report on Plastic Ban Rally

Date: 24th September 2019.

Place: Bandra.

On 24th September 2019, FR. Conceicao Rodrigues College Of Engineering had conducted a Plastic Ban Rally. As 24th September is celebrated as NSS day we students decided to celebrate this day in a unique way by conducting awareness campaign among people.

For this rally I had to take permission from college then police who helped us through the rally, various banners and posters were also made.



Image : our volunteers carrying banner

By taking the permission for Mumbai police we started our rally from Bandra station to our college which is located a Bandstand.

The volunteers were instructed to report at the location at 7.30 am on 24th September. NSS was celebrating their 50th anniversary on that day. To commemorate this Rally was organized. The volunteers were then briefly instructed about the rules and regulations to follow during this rally.



Image : volunteers walking for rally



SOCIETY OF ST. FRANCIS XAVIER, PILAR'S
FR. CONCEICAO RODRIGUES COLLEGE OF ENGINEERING

(Approved by AICTE & Affiliated to University of Mumbai)

Fr. Agnel Ashram, Bandstand, Bandra (W), Mumbai - 400 050.

Phone : (022) 6711 4000, 6711 4101, 6711 4104

Website : www.frcrce.ac.in • Email : crce@fragnel.edu.in

Holding aloft banners carrying slogans that dissuaded the use of plastic in the city, the volunteers reached the college covering the distance of 3kms .

Many slogans were said like "DON'T BE DRASTIC ,SAY NO TO PLASTIC", "USE PAPER BAG REDUCE PLASTIC BAG", "DO SOMETHING DRASTIC,CUT THE PLASTIC", etc.

We were accompanied by the Mumbai police from start till the end of the our rally. All thanks to the Mumbai police for this peaceful rally. It was indeed a very good experience.



Image : Fr. Valerian our director giving pledge with our NSS volunteers.

Thanking the Mumbai police we went to our college where the director of our college Fr.Valerian D'souza and along with 50 volunteers took the pledge to refrain from unnecessary usage of plastic and convinced their family and friends against plastic usage to create environmental responsibility.



Image : group pic of NSS members with director and security head.

NSS CRCE is grateful of Mumbai police as well as our director and all the volunteers for their support to organize this peaceful and successful rally to make people aware of their responsibility to use cloth bags and change the use and throw culture.