

PROJECT GREEN CHALLENGE 2020



Cover Letter



We chose these submissions because these Tasks helped us know more deeper about the respective themes, it helped me to gain in more knowledge and resonate.

The challenge from Theme Body taught us how our cosmetics are densely loaded and with this we could actually make our own homemade Products which were easy to use and were free from chemicals.



Next, we chose Fair Trade because we came to know what fair trade actually means and why a company should be fair Trade .



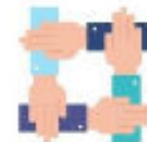
Further we chose Footprint challenge where in we appealed the politician and activists to take action for the betterment of our city.



Next, We chose School, in this challenge we had to create a course which included lessons and learnings from pgc challenges, it is always Amazing to share what we learn, especially when it is for the good cause.



Later, we chose Team because it includes how we thought of making our sustainable project possible and our interaction with our team members for making them a part of this venture.



Last but not the least, We chose wellness as we came to know how important it is to express gratitude to our near and dear ones and this experience strengthened our bond .



Regards

Team Greecofriendly

Day 10 - Body



We decided to make two products, Rahul found out research works based on ayurvedic formulations along with their medical properties, I, Mrinmayee further decided to collect all the ingredients and containers required to store our DIY formulated products.

List of ingredients for our herbal facial mask

3-5 tbsp of Mango turmeric powdered (organic)

1- 2 tbsp of Neem powder (Azadirachta indica)

4-5 tbsp of organic honey

Procedure:

Take the container you are going to store your product in. Add 4 tbsp of mango turmeric , add 1- 1 and 1/2 tbsp of Neem powder to your container , add honey , mix well, leave no lumps and your mask is ready . Fit closure and lid in order to avoid drying up of the product.

List of ingredients for our Salt body scrub

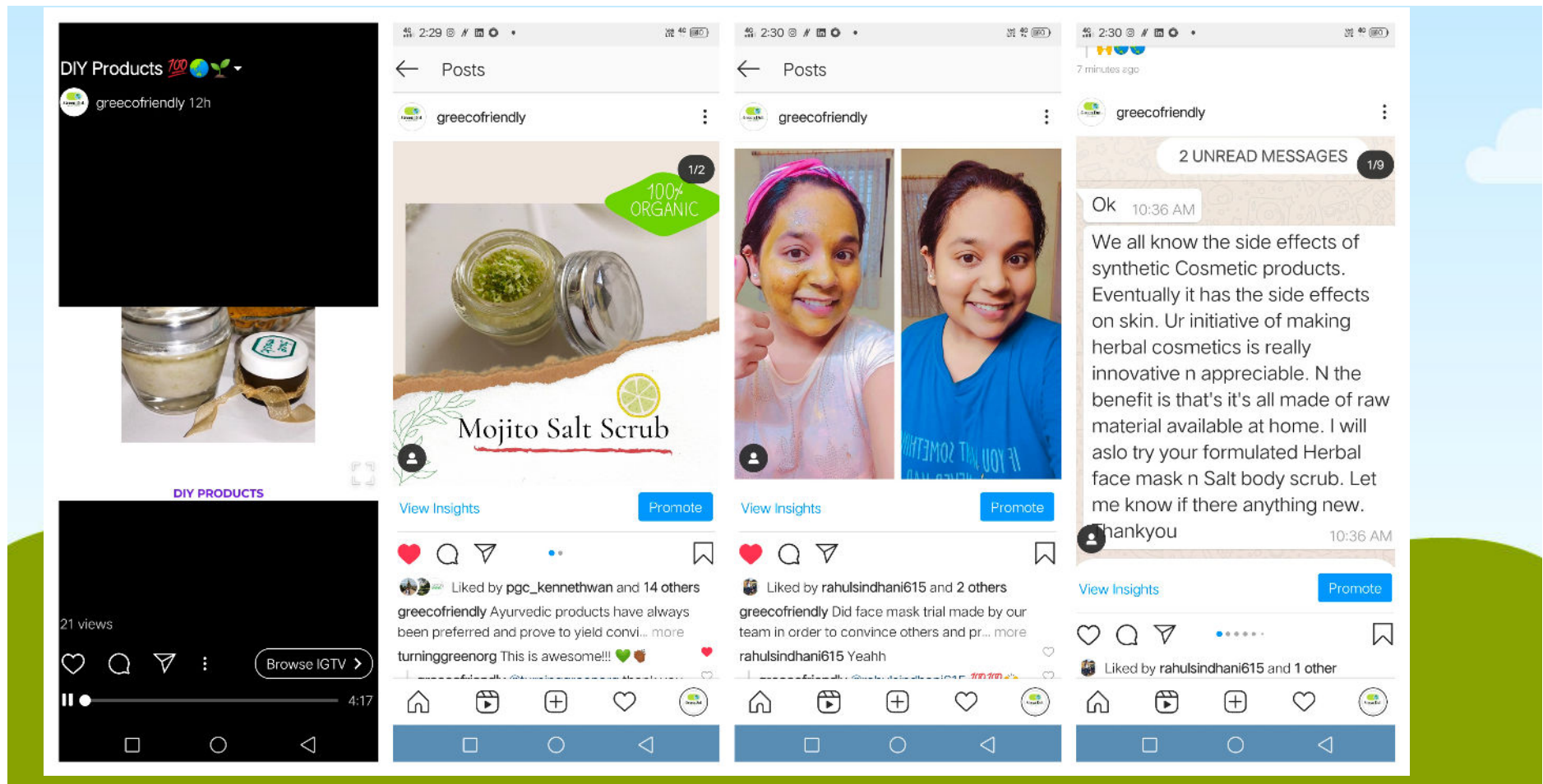
5-7 tbsp of table salt, 3-4 tbsp of extra virgin coconut oil, olive oil, 3 drops of lemon essence, lemon zest, half lemon juice

Procedure:

In a bowl take 3 to 4 tbsp of extra virgin coconut oil along with 2 tablespoon of olive oil, now add 5-7 tablespoon of table salt ,3 drops of lemon essence/ essential oil, lemon zest and half lemon juice , mix all the ingredients well and spour the scrub into your container , your scrub is ready to label and use , close the container in order to avoid deterioration of product.

We have mentioned in our video that we have stored our products in a previously used container which we had kept and we cleaned it properly with soap and water and we poured our products into those containers and labelled them for future use.

Screenshots of our social media posts



Links

https://www.instagram.com/p/CGMhCFJnL_q/?igshid=axyvin5qt281

<https://www.instagram.com/tv/CGLYzLRHrej/?igshid=1sf1kq6okni2d>

<https://www.instagram.com/p/CGLaIUUHeiE/?igshid=1sygomyrmcrow>

<https://www.instagram.com/p/CGMn7FIHqDM/?igshid=1qwa7iu6cxg7w>

<https://www.instagram.com/p/CGMnqlxncQ4/?igshid=ngn4uy1qkrxd>
(responses from friends)

Team name : Greecofriendly
Username: Mayee20998
e-mail: mrinmayee2009@gmail.com
rahulsinshani7@gmail.com
school: Department of chemical
technology

Description we have added :

We were looking for making a body wash from Castile soap , but it was difficult to access it from nearby shop, so we decided to make it with all the raw material available at home.

Product 1 : Herbal facial mask

- Mango turmeric (Curcuma amada)
 - Neem (Azadirachta indica)
 - Organic Honey
- ✓Benefits :

Anti-inflammatory, Soothing, whitening, anti-fungal and anti-bacterial, moisturising

✓Appliaction: Face ☐☐

✓Side-effects: None

✓ Storage: In a closed container and cool place , has a longer shelf life

Product 2 : Salt body scrub

- Salt (Sodium Chloride)
 - Lemon juice and zest
 - Mint (optional)
 - Extra Virgin Coconut oil , olive oil
 - Evion oil (optional)
 - Lemon essence (essential oil optional)
- ✓Benefits :

Cleansing, Scrubbing, soothing, Polishing, Stress reliever, Exfoliates, Moisturising.

✓Application- Body (except face for sensitive skin)

✓Side effects - None , may lead to increased blood circulation

✓Storage- Store in a proper dried container, shouldn't have traces of water.

3 Facts that we learned from the challenge:

We learned how to substitute synthetic products with natural one , secondly we learned the hazardous effects of chemicals on our bodies , we leraned how natural products can always be a life saver and do not cause any harm to the body and the environment, formulating our own products and getting good results was cherry on top .

Day 17 - Wellness

Gratitude



Hello, Nikita di, I'm writing this letter to thank you for your beautiful presence and to extend my heartfelt gratitude towards you.

This journey of ours is been constant and consistent since 4 years, and began with me being your College junior. I was genuinely attracted towards your humane behaviour, the way you spoke to me, the heart you had, and our frequencies matched, we started talking often, calls, meets and yes your guidances .



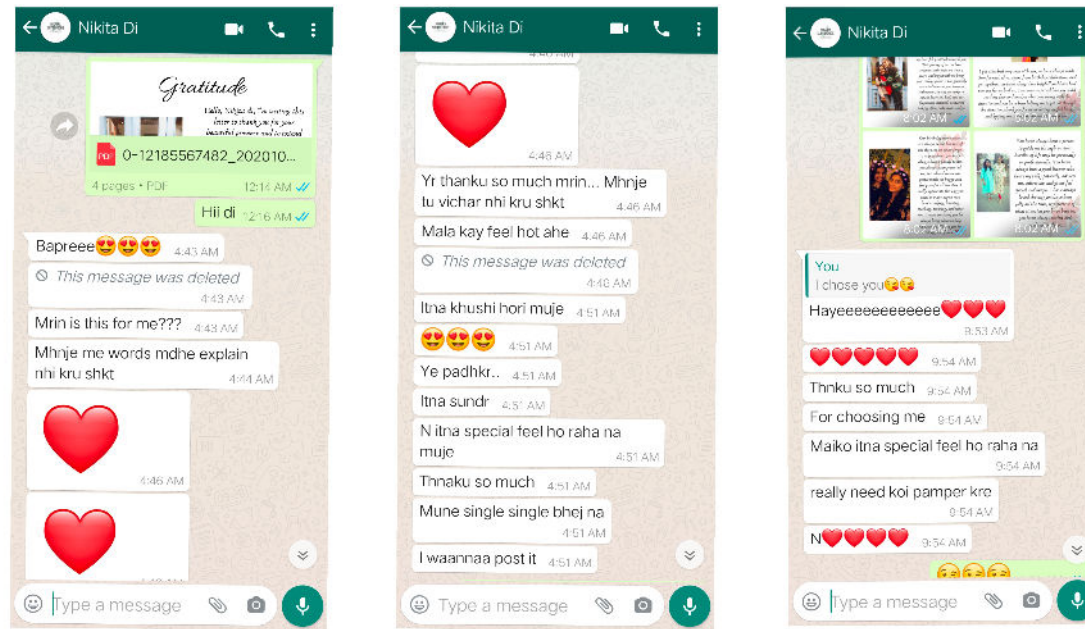
*You have always been a person
to guide me through various
burdles of life may be personally
or professionally. You have
always been a good listener who
hears my talks patiently, advices
me, adores me, makes me feel
special and unique. I have always
loved the way you have been
jolly all the time, irrespective of
what situation you have been in,
you have always smiled and
made me smile too.*



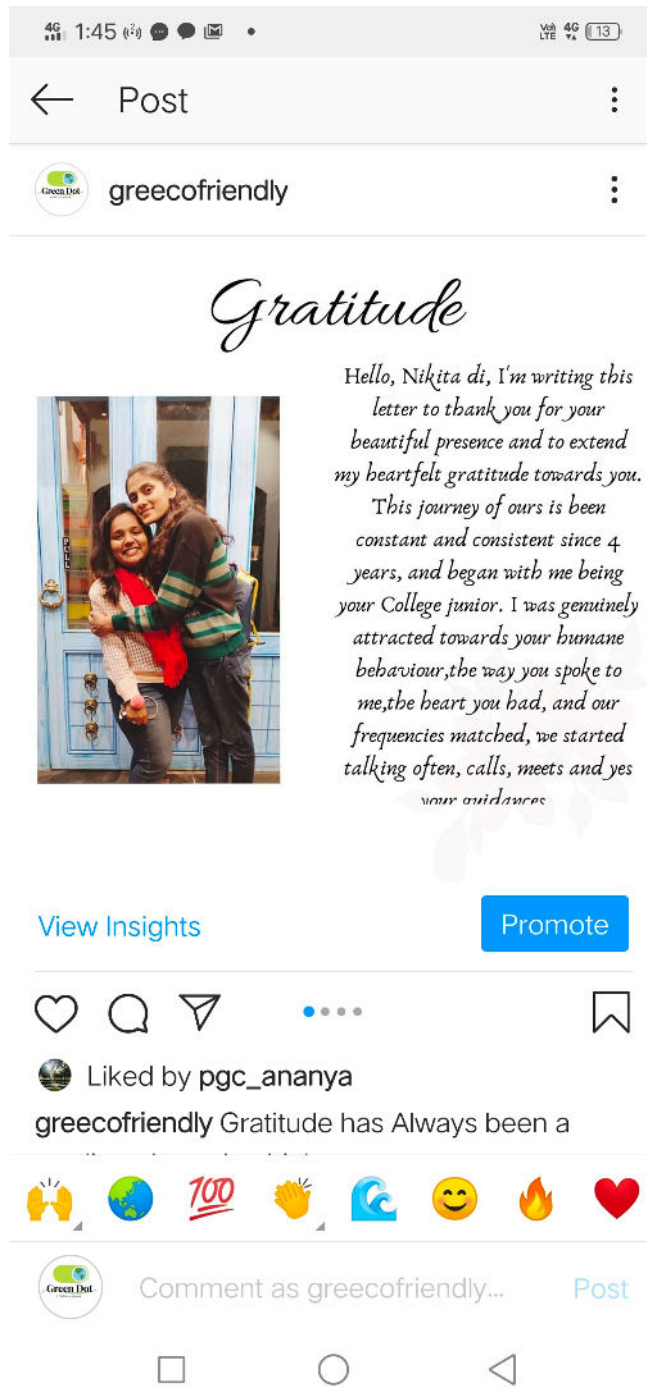
I got attached very soon with you, we have always made time for each of us, apart from birthday celebrations and get togethers, we have always been helpfull and have had concern for each of us, I was once surprised how you could read my face and analyse what was wrong with the situation and you have been helping me to get out through the situation, thank you for never letting me feel lovely and keeping me contented whenever I needed you .



*Our birthday celebrations
are always on top but rest of
the days too we never forget
to take updates, you have
always been a family to me,
you always have protected
me, introduced me to new
people made me happy and
feel grateful all the time. I
really appreciate the way you
excel in every aspect may
be it's cooking, learning,
teaching, tutoring, and what
not , I want to thank you for
always being there to help
me in crisis. Thank you for
existing, lots of love ♥*



The screenshot collage is how Nikita responded to my letter after reading it on WhatsApp, she was really amazed to hear it out from me, It was really wonderful experience, I had never thanked her for always being there for me except for the birthdays, we live in the same city, yet we couldn't meet since 7 months due to lockdown but have been staying in contact through video calls and Messages. She was really grateful that she could receive someone pampering her in the form of messages. Both of us really felt special and it made our bond more stronger than before.



Screenshot of our social media post

Team name : Greecofriendly

Username: Mayee20998

e-mail: mrinmayee2009@gmail.com

rahulsindhani7@gmail.com

school: Department of chemical technology

Day 21 - School Greenest

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rahulsindhani7@gmail.com

school: Department of chemical technology



Part 1

Find 3 colleges or universities in the US or abroad with strong sustainability-focused studies.

Indian Institute of Technology, Kharagpur

IGNOU ,New delhi

Tata Institute of Social Sciences,Mumbai

Indian Institute of Management,Lucknow

Indian Institute of Technology, Kharagpur

Sustainable Development: From Principles to Implementation

Location	Indian Institute of Technology (IIT), Kharagpur, West Bengal, INDIA									
Objective	This workshop is designed with the express aim at creating a partnership between people from university, industry and government to address a problem of mutual interest associated with rural, sustainable development. Through working together on a "Question for the Workshop", participants will have the opportunity to internalize some principles of sustainable development, and thence, postulate a plan for implementation for rural development.									
Question for this workshop (Q4W)	<p>We imagine a future in which individuals are empowered to participate in the value network where geographically distributed people (including engineers) collaboratively develop, build, and test solutions to complex socio-techno-eco engineered systems. Hence, the question for this workshop for which a business plan and lessons learned by you are required, is:</p> <p>"Imagine that you are operating a product or service creation enterprise in a wired and interconnected world anchored in India where individuals are empowered to participate directly in the value network.</p> <p>What are the characteristics and features of a cloud-based internet of things to promote sustainable development of off-grid villages in environmentally sensitive areas in India that need to be electrified?"</p>									
Who should attend	Faculty, professionals and research scholars, individuals involved in NGOs, CSR activities, and social justice projects, and policy makers etc. in promoting rural sustainable development.									
Participant take-aways	<p>On the completion of this workshop we expect the participants, by working together on developing an answer to the Question for the Workshop, to:</p> <ul style="list-style-type: none">• internalize key principles of sustainable development in general and rural sustainable development in particular,• learn how to postulate a plan that is anchored in principles and is implementable, and• identify avenues of collaboration in research, teaching and practice.									
Format of the workshop	<p><i>Logistics</i></p> <p>Number of days: 5.5 Number of sessions: 11</p> <p><i>Session format</i></p> <p>Time for each formal session: 3 hours</p> <ul style="list-style-type: none">• Keynote talk to frame the questions in each session – 60 minutes• Two short commentaries to delve into questions – 30 minutes• Exercise from workbook – 90 minutes									
Contents	<ul style="list-style-type: none">• Managing expectations• Defining sustainable development and its value proposition• Identifying stakeholders• Identifying tool user/tool maker competencies and learning statements• Field Trip• Principles of sustainable development• Sustainability triangle• Framing the problem embodied in the Question for the Workshop• Team presentations of answers to the Question for the Workshop• Strategies for implementation									
Important Dates	<table><tr><td>Registration opens</td><td>April 22, 2016</td></tr><tr><td>Registration closes</td><td>May 13, 2016</td></tr><tr><td>Last date for requesting refund</td><td>May 18, 2016</td></tr><tr><td>Amount of refund</td><td>Total less Rs. 1000/-</td></tr></table> <p>It will take us AT LEAST six weeks after the completion of the workshop to process the refunds.</p>		Registration opens	April 22, 2016	Registration closes	May 13, 2016	Last date for requesting refund	May 18, 2016	Amount of refund	Total less Rs. 1000/-
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Registration closes	May 13, 2016									
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Amount of refund	Total less Rs. 1000/-									
Registration Fee (Limited to 30 participants)	Research Organizations:	Rs. 30,000/-								
	Industry participants and CSR personnel from corporate organizations:	Rs. 30,000/-								

Post- Graduate Diploma in Environment and Sustainable Development.

Post-Graduate Diploma in Environment and Sustainable Development (PGDESD)

Minimum Duration: 1 Year

Maximum Duration: 3 Years

Course Fee: Rs. 6,600

Minimum Age: No bar

Maximum Age: No bar

Eligibility:

Graduation from a recognised university/institution

[Programme overview](#) | [Courses](#) | [Related Information](#) | [Programme Guide](#)

The Post-Graduate Diploma in Environment and Sustainable Development has been developed by the School of Sciences, IGNOU, in collaboration with SAFLI (South Asia Foundation Learning Initiative), OUSL (Open University of Sri Lanka), BOU (Bangladesh Open University), AIOU (Allama Iqbal Open University, Pakistan), BRAOU (BR Ambedkar Open University, Andhra Pradesh, India), and BRAC (Bangladesh Rural Advancement Committee) University.

The objectives of the Programme are to:

Disseminate information and exchange knowledge and experiences gained in the pursuit of the goal of sustainable development.

Strengthen regional cooperation in environmental capacity building especially in the area of environmental management.

Educate and train individuals from different walks of life, viz. development

Tata Institute of Social Sciences

Centre for Climate Change and
Sustainability Studies

ABOUT



About the Centre for Climate Change and
Sustainability Studies



About

The climate change group at TISS, started active inter-disciplinary research in the area of climate change and sustainable development in 2008. The group was formalised into a Centre for Climate Change and Sustainability Studies in the year 2012. A two year M.A./M.Sc. Programme in Climate Change and Sustainability Studies was also started, in the

What draws you to the programs?

Sustainable development and its studies are growing subjects in foreign as well as in India, this is the future of India so this drew my attention. So we can contribute our portion to it.

What makes it unique, compared to other schools?

Other schools are normal and regular teaching based which might vanish in years and then sustainability will increase for that today development of it is necessary and this makes it unique □

Can you find out why and/or when it launched?

Sustainable development started in Rio de Janeiro in 1992 and in India it started in September 2015.

How would you adapt this to make it your dream class?

All systems and societies naturally develop. However, in this day and age, development is moving at breakneck speeds, thanks to advancements in technology. The only problem is that not everyone considers the downsides that come along with unbalanced economic growth including impacts on people's well-being and environment.

It's about time people start to change their perspective on unbalanced economic development by viewing the world in a completely different way. What would help people achieve that is setting sustainable development goals



Syllabus for the Course

credits:20

Hours- 6hrs/week

Project Green Challenge

SYALLBUS

- Chapter 1:** Units: Why PGC?, The overall world crisis, The current scenario, Know your surroundings, Footprint, Carbon footprint, Water footprint, Energy, Fossil Fuels, Sustainable Future.
- Chapter 2:** Water management, waste management, plastic disposal, plastic management, E-waste management, Carbon emissions and controlling.
- Chapter 3:** Climate justice, Intersectional Environmentalism, Impacts on the vulnerables, Environment protection acts, Global crisis of Climate justice, Soil and it's role, Carbon sequestration, Plants and their importance in human life and the ecosystem.
- Chapter 4 :** Biomimicry, Examples of Biomimicry in day to day lives, Agriculture, Regenerative Agriculture, Biodiversity preservation, importance of bees.
- Chapter 5:** Wellness, Body care , impact of chemicals on humans and the nature, Mindfulness, importance of healthy and clean surroundings, how to keep your surroundings clean and fresh, Roles of citizens, Right to Vote, Economics,
- Chapter 6:** The various brands that are going sustainable, Reflection in the form of assesment, learn about various certifications.

What PGC themes would you incorporate into the class?

The various themes that we have added include: Why, Footprint, Zero waste, food waste, food, water, soil, biodiversity, Biomimicry, fashion, climate justice, Economics, Vote, Fair trade, Plant based, plastic, etc

How would you make the class engaging? How would you get students inspired to mobilize around topics?

Would you use class discussions, films, etc.? Be creative!,How would you encourage collaboration and teamwork among students?

Students will be provided with interactive videos and animations along with infographics to not make the course tedious, we have included practicals and activities in the course to add more depth and engagement of the students in the course, we will organise classes via Google meets by taking consideration the pandemic crisis, Guest lectures and TED talk videos will be extras for students to get more knowledge about the topics and get to know the current scenario of the crisis, We will make students more concerned about the course by hosting movies based on environmental awareness and impacts. We will ask students to make presentations and present them to their families, colleagues abd friends to make them realise their responsibility towards the planet . As a substitute we will organise discussion forums if field visits get cancelled due to some issues. Also, to get more interest, we have decided to reward the students with certificate of completion after they successfully pass the assessment with score more than or 50%

Plan a calendar with special events, speakers, screenings, etc. Who would you reach out to and why?



Time- Table

MON	TUES	WED	THURS	FRI
THEORY CLASS 9 AM	PRACTICAL/ ACTIVITIES 9 AM	PRACTICAL/ ACTIVITIES 9 AM	GUEST LECTURE 10:30 AM	
		THEORY CLASS 1 PM		FIELD VISIT/ SITE SEEING 1 PM



We have added our course online for students to register and the course is offered free of cost along with a free certificate.

Link for the course :

<https://projectgreenchallengeclasses.school.blog/about/>

A portrait of a smiling woman with dark, wavy hair. She is wearing a red saree with gold circular patterns and a blue blouse with gold floral designs. She has a bindi on her forehead and is wearing multiple necklaces, including a large pendant necklace and a long chain necklace. She is also wearing earrings. The background is a plain, light-colored wall.

11:21 AM

← Neha Mam

Hello mam, we have participated in an event and we asked to design a course on environmental awareness, do let us know how the course is, I'll be adding the website, syllabus and sample certificate. 1:37 PM ✓

<https://projectgreengrallengeclasses.school.blog/about/> 1:37 PM ✓

Project Green Challenge
SYLLABUS

Chapter 1: Why the PGC? (The world would stop, The environment, Our power, Our wealth, Our future, Our food, Our, Our life)

Chapter 2: Long messages, water messages, plastic, food, air, water, energy, climate change, carbon footprint and recycling

Chapter 3: Climate justice, Environmental Environmental, Impact on the vulnerable, Environmental, Environmental, Global goals of Climate justice and a call to action for climate justice, Ethics and our responsibility to future generations

Chapter 4: Summary Examples of literature and the role of the, Agriculture, Biotechnology, Agriculture, Biodiversity protection, agriculture of the

Chapter 5: Why the PGC? Impact of climate change on the environment, Global goals of Climate justice and a call to action for climate justice, Ethics and our responsibility to future generations

SAVE THE PLANET
CERTIFICATE OF COMPLETION

THIS CERTIFICATE WOULD TO
YOUR NAME

Successfully completed the course and achieved the goal of the course. This certificate is awarded to you for your participation in the course.

PROJECT GREEN CHALLENGE

NAME	SCORE	DATE	TIME	LOCATION
NISHA	100%	10/10/2023	10:00 AM	10:00 AM
ANSH	100%	10/10/2023	10:00 AM	10:00 AM
NISHA	100%	10/10/2023	10:00 AM	10:00 AM
ANSH	100%	10/10/2023	10:00 AM	10:00 AM
NISHA	100%	10/10/2023	10:00 AM	10:00 AM

Kyabatt hai... bharii ga.. God bless you... 1:48 PM

Thank you mam 1:49 PM ✓

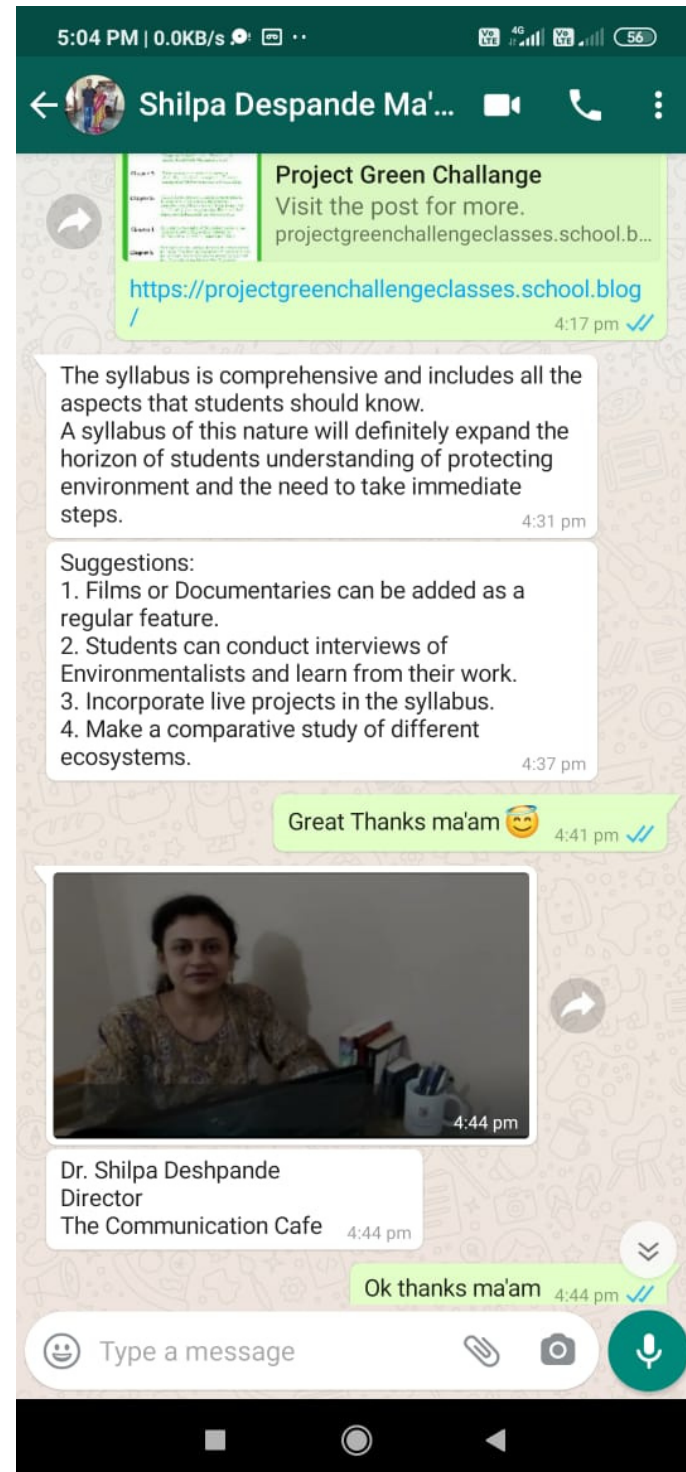
We made it, you loved our work? 1:49 PM ✓

Ho chan ahe I'm happy that u are always engaged in doing innovative things... keep it up 1:50 PM



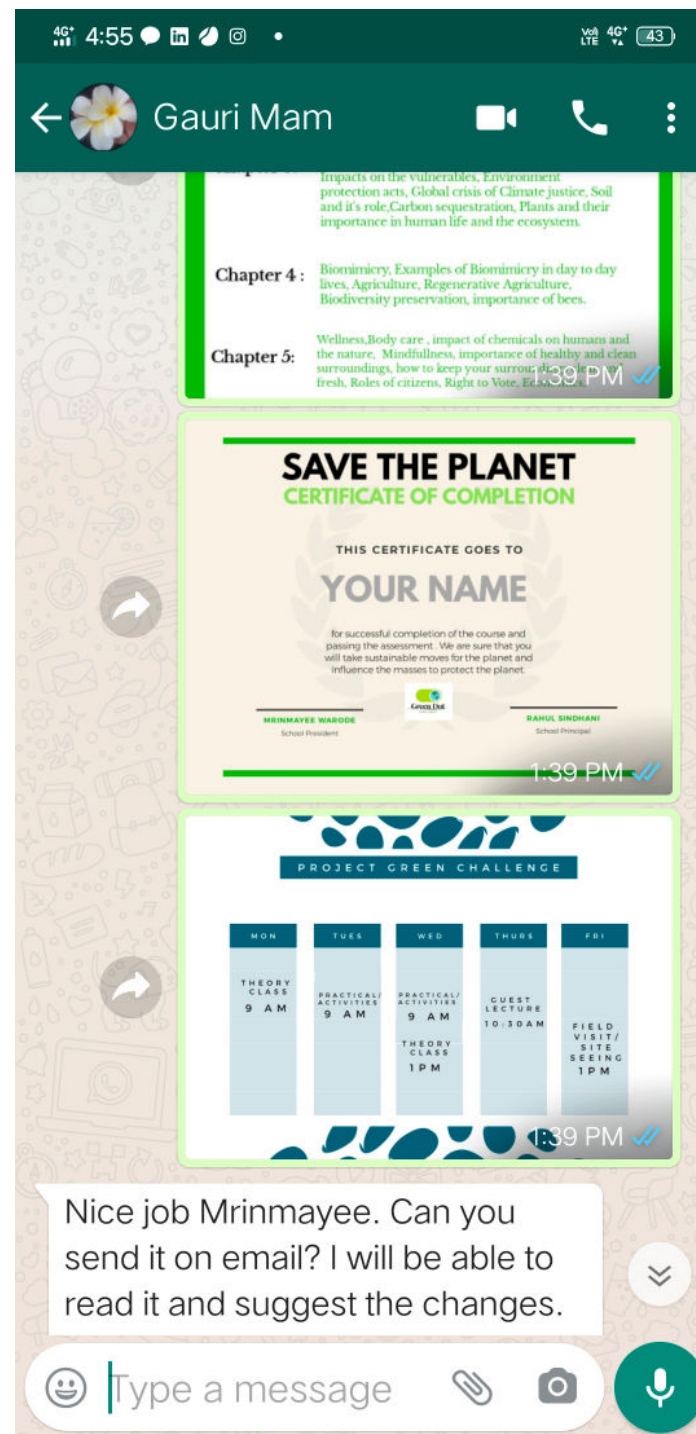
Dr. Shilpa Deshpande

Director- The Communication Cafe



Miss.Gauri Kallawar

Department of Chemical
Technology



Nice job Mrinmayee. Can you send it on email? I will be able to read it and suggest the changes.

Type a message



*Screenshot of our
social media post*

I Support Fair Trade



Fair Trade

Presented by
Team Greecofriendly

Fair Trade Introduction and Definition

Fair trade is a social movement and trading partnership which empowers producers of developing countries and which ensures local sustainability and transparency amongst farmers and workers in the developing world, It takes into consideration the medical assistance that should be provided to the workers along with security of the people and the community they belong to.

Overview of Fair Trade

Fair trade, defined simply, is when producers in developing countries are paid a fair price for their work, by companies in developed countries.

It's when the price we pay for products gives enough to producers for them to afford life's essentials - like food, education and healthcare.

Fair trade was created as an alternative way of doing trade. It is based on partnership, which means that the interests of farmers and workers are just as important as other commercial considerations. It also represents a solution to poverty and a model for development.





"Fair trade helps us all earn money so the whole community can benefit"....Farmer



Profit Before People
Profit Before Planet
Business as usual



We need a new economy
The new economy
The functional economy
The sustainable and fair Trade economy



Why Fair Trade is Unique ?

For producers, Fairtrade offers four important benefits:

1. Long-Term Partnerships
2. Transparency
3. Fairtrade Minimum Price
4. Fairtrade Premium

With Fairtrade everyone wins:

- Producers
- Consumers
- Environment



Producers



For producers, the main benefits of Fairtrade are more stable prices, and long-term trading relationships.

These allow producers to develop their businesses and plan ahead for the future.





Consumers

With Fairtrade, consumers can buy products – from an ever growing range – in line with their values.

By buying into Fairtrade, consumers support producers who are working to improve their lives.



Environment

Fairtrade also rewards and encourages environmentally sustainable practices, including organic certification and more.



Different Fair Trade products

- Cocoa
- Flowers
- Honey
- Fresh Fruit
- Handicrafts
- Tea
- Coffee
- Sugar
- Beauty Products
- Footballs
- Cotton



Why is Fair Trade so important to farmers?

Fair Trade is so important because it is a way to give farmers the income they need and deserve. One example of this is the Kuapa Kokoo cocoa bean company. Before Fair Trade, the people who recorded the cocoa beans (the recorder) would manipulate the scales so to pay them less or they would write fake cheques. In Kuapa Kokoo, they elect their recorder so they know they aren't being cheated. Fair Trade has also joined with the farmers and come up with a minimum price that they should be paid with in addition to the social premium.



What Criteria are needed to Achieve the Fair Trade Mark ?

- ▶ You need to be eco-friendly
- ▶ You have to use your social premium for the reasons intended
- ▶ There a fixed minimum price
- ▶ No child or forced labour
- ▶ No discrimination against anyone (different genders or races)
- ▶ The organization must provide a decent working area for its employees

THE FAIRTRADE MARKS

The FAIRTRADE Mark is the symbol of the international Fairtrade system – and the most globally recognized ethical label. When you buy products with any of the FAIRTRADE Marks, you support farmers and workers as they improve their lives and their communities.



Guide to Fair Trade Labels



Conclusion

We can create fair Trade future now
Impressing
Inclusive Economic growth..
Sustainable livelihoods.
Food security
Decent Works.
Gender Equality.
Thriving Communities
Upholding ecological balance see

Fair Trade inspires millions and proves a better world is possible. We are a global community of businesses that exist to put people and planet first. We are campaigners and activists fighting for change. Our movement is farming and weaving, marching and lobbying, teaching and trading to take our vision forward

DAY 22- FAIR TRADE

CONVENTIONAL
CHOCOLATE IS SCARY.
FAIR TRADE YOUR
HALLOWEEN.



100% COTTON



Products by them :



Steps that we can adopt in order to do Justice to the employees and farmers and especially children that are hidden behind this dark story of chocolate:

1. Shop Chocolate with a label of FAIR TRADE.
2. Invest in agroforestry projects led by farms.
3. Confirm whether the chocolate is manufactured with fair employee practises.
4. Combat CORPORATE CONSOLIDATION by supporting local farmers.



We chose this Organisation named ' Mahila (women) Umang Producers company which produces wollen caps, shawls, blankets, etc .

Mahila Umang Producers Company Limited was set up in 2001 by Grassroots women, who lived out to form a collective of woman's Self Help Groups to support and facilitate the growth of these micro-enterprises. Today over 2500 women in rural Kumaon are engaged in improving the quality of life for their families through the sales of hand knitted woollens, fruit preserves & pickles, natural honey, beeswax candles and natural spices. All products are marketed under the brand name Kumaoni and Himkhadya. Every purchase directly assists the resource-poor households through trade and not aid.

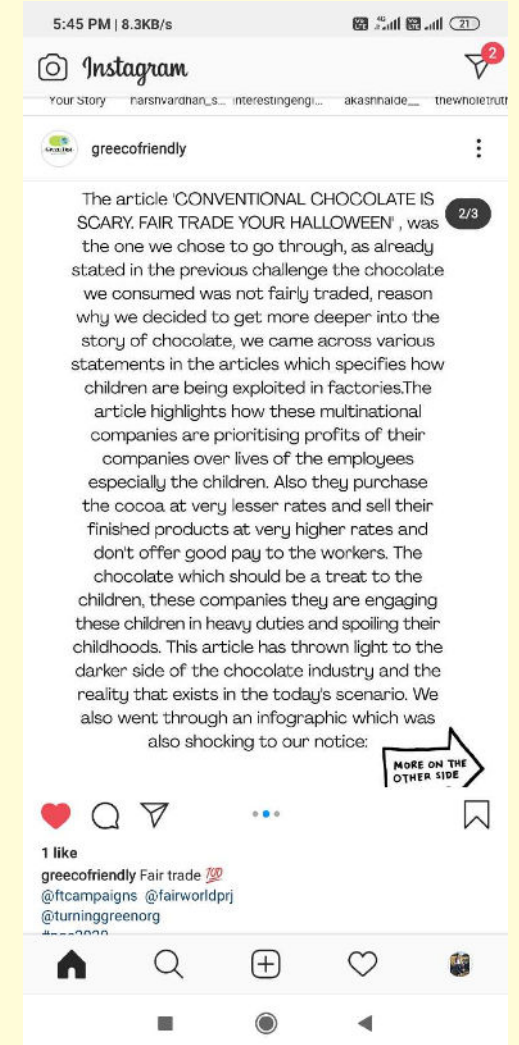
The cross cutting sectors of the parent entity Grassroots also include: drinking water& sanitation management, renewable energy, catchment area treatment, rainwater harvesting, land use and animal husbandry, sustainable community development strategies, training and technology transfer, micro enterprises and marketing – with the idea of promoting overall, sustainable development. Their twin-pronged approach – participatory and holistic is the Kumaon Artisans Guild. Trained in the installation and maintenance of appropriate technology, the Guild has been spearheading the spread of sustainable development across the central and western Himalaya in partnership with community-based organisations. .

Reference: <http://www.fairtradeforum.org/membership/mahila-umang-samiti/>

We presented the presentation to our friends and family they said they were not aware of any such terminology called as fair trade, but our presentation helped them understand how this was an eye Opener, they also liked our presentation, at the same time they also surfed various companies which were B-Corp and there

were very limited companies supporting who has passed the B-Corp test, our friends thanked us for the helpful information and they appreciated our concern and activity.

Social media post



Team name : Greecofriendly

Username: Mayee20998

e-mail: mrinmayee2009@gmail.com

rahulsindhani7@gmail.com

school: Department of Chemical Technology

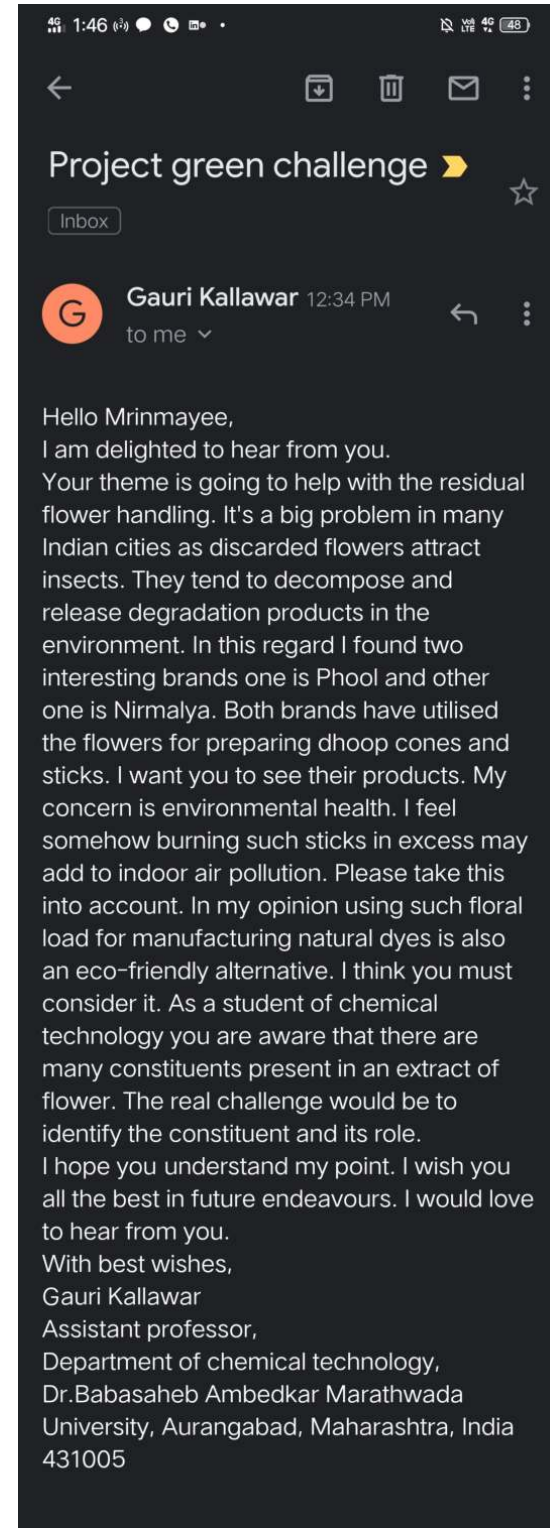
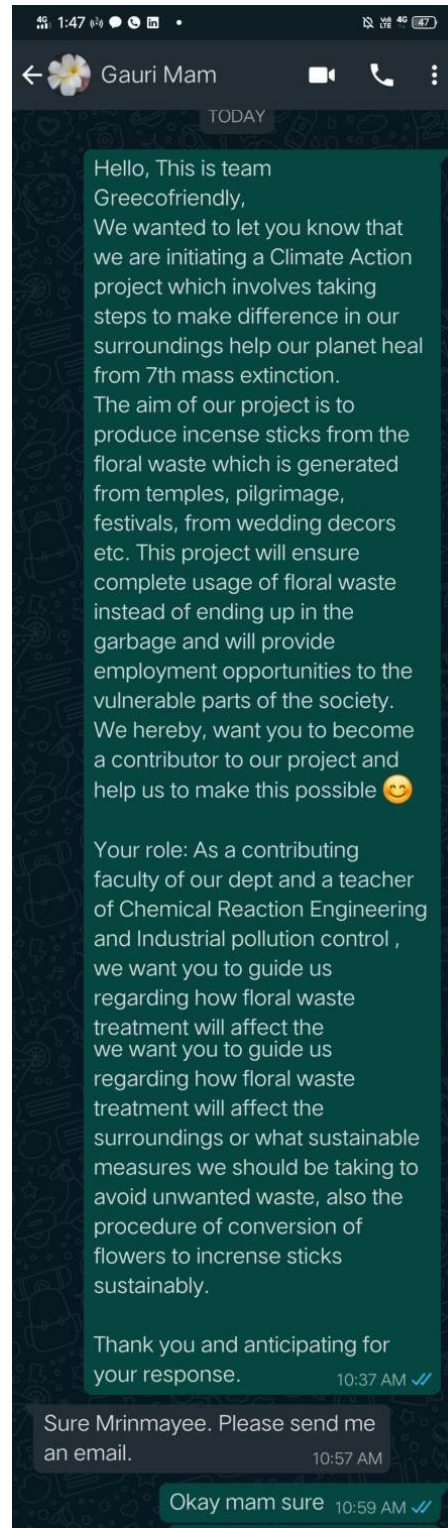
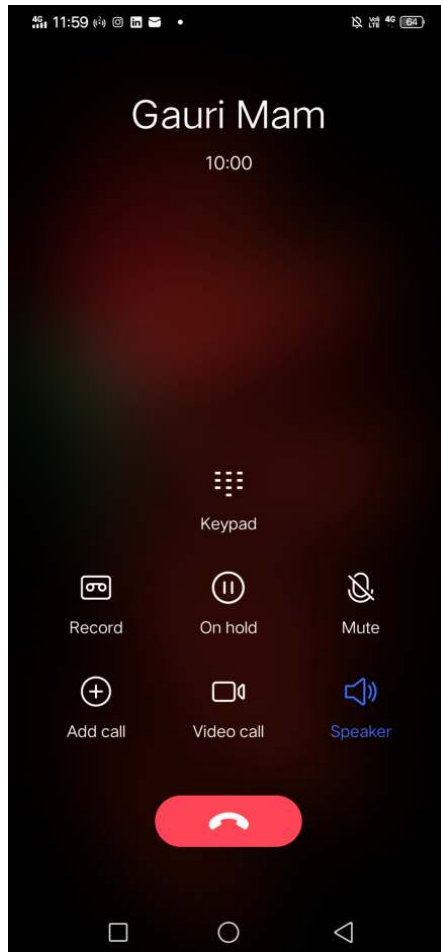
Day 26 - Team GREENER

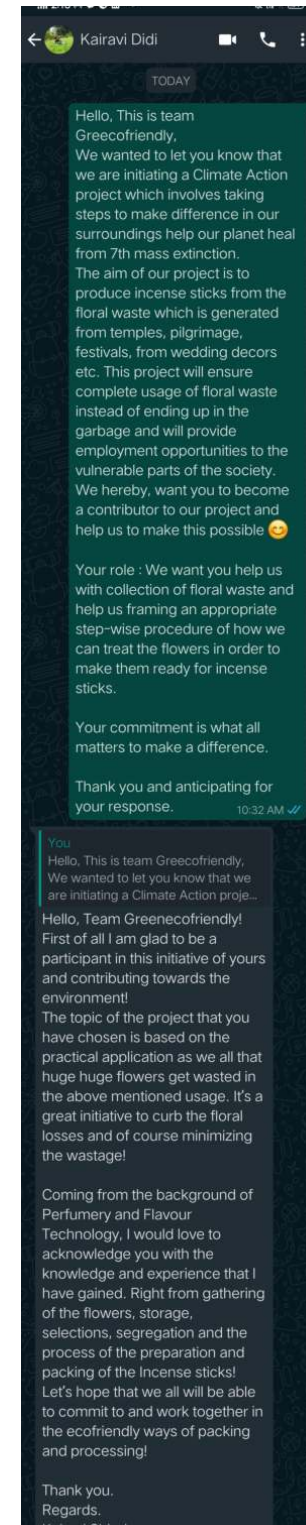
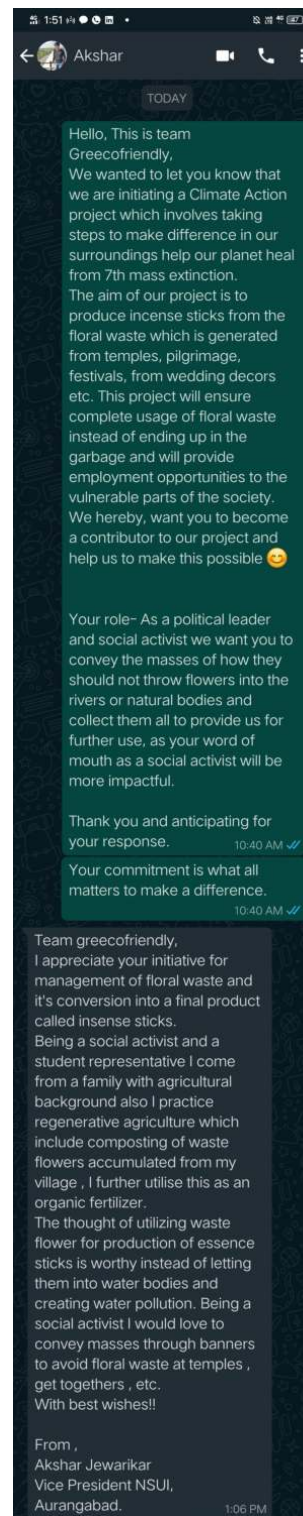
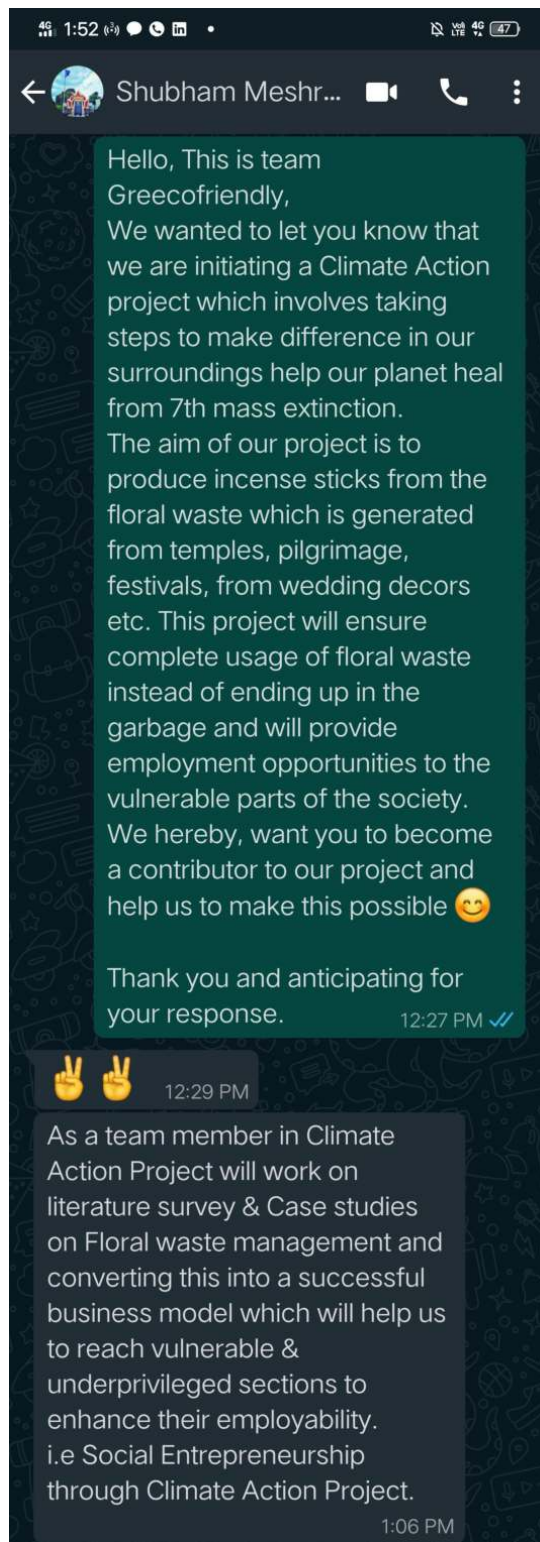
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school: Department of chemical
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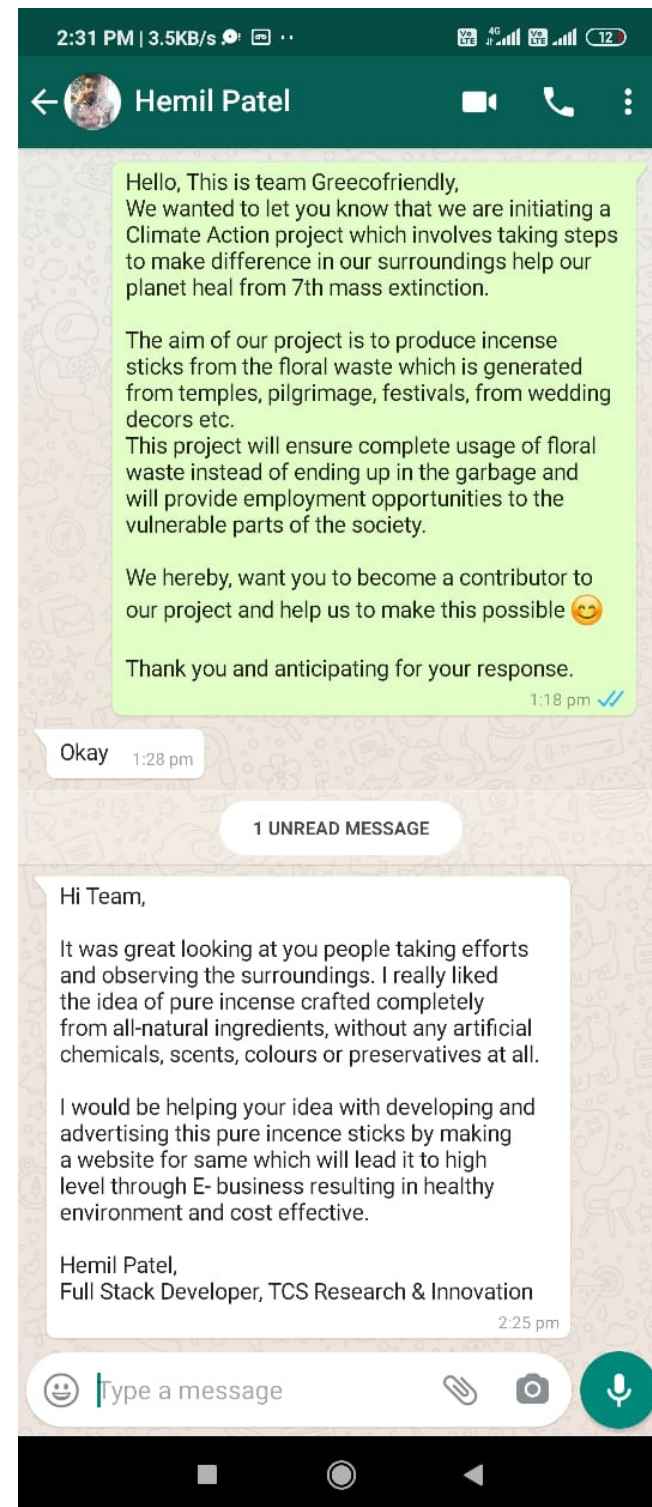
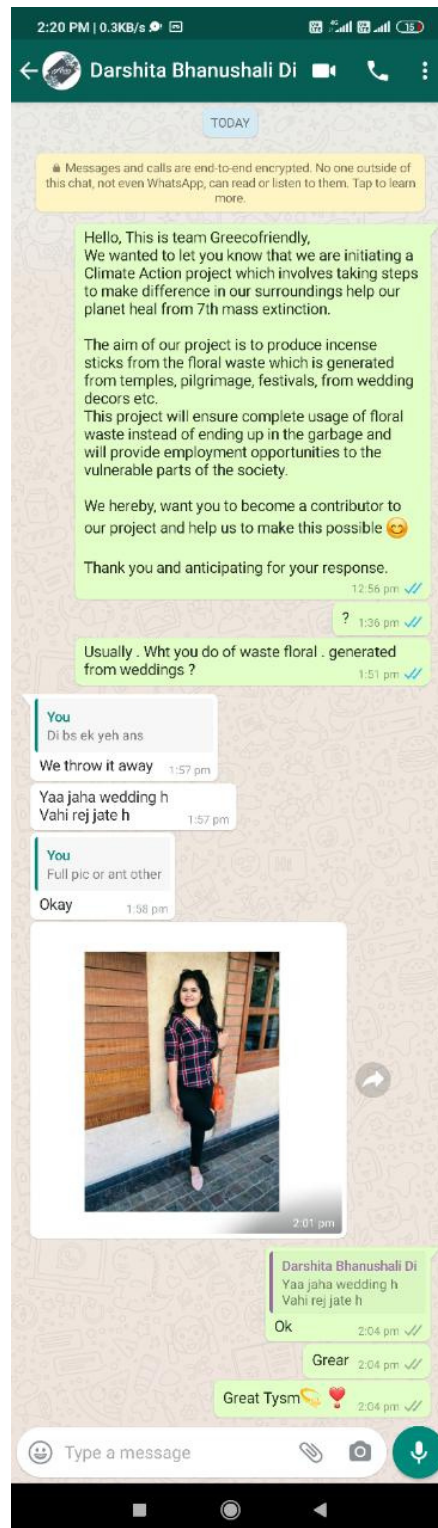
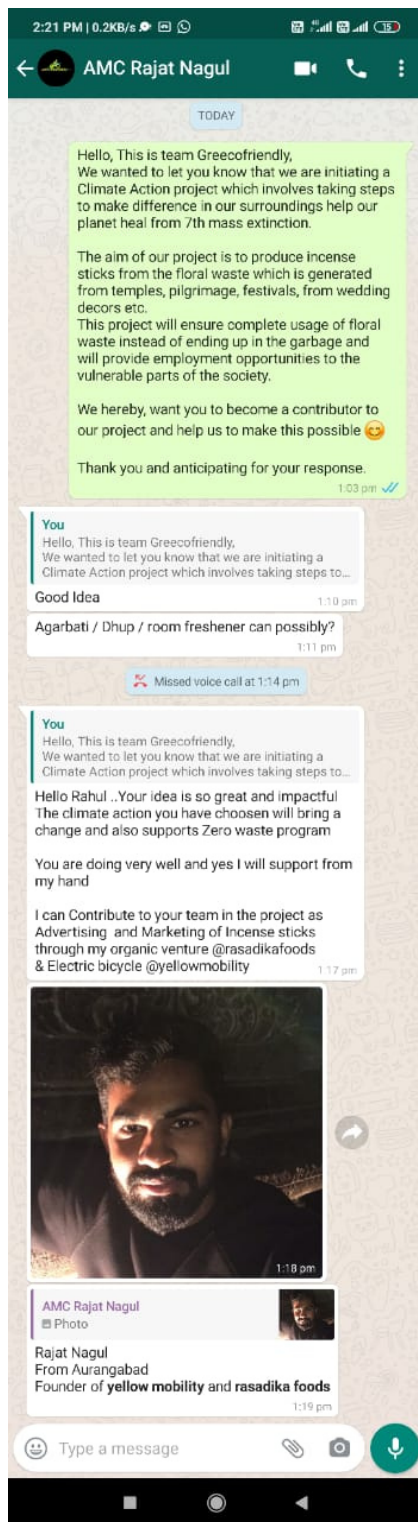


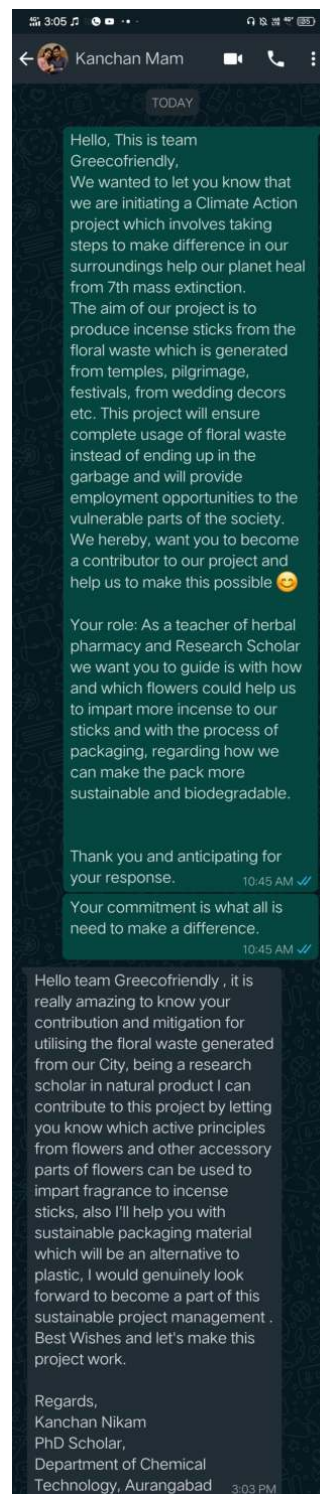
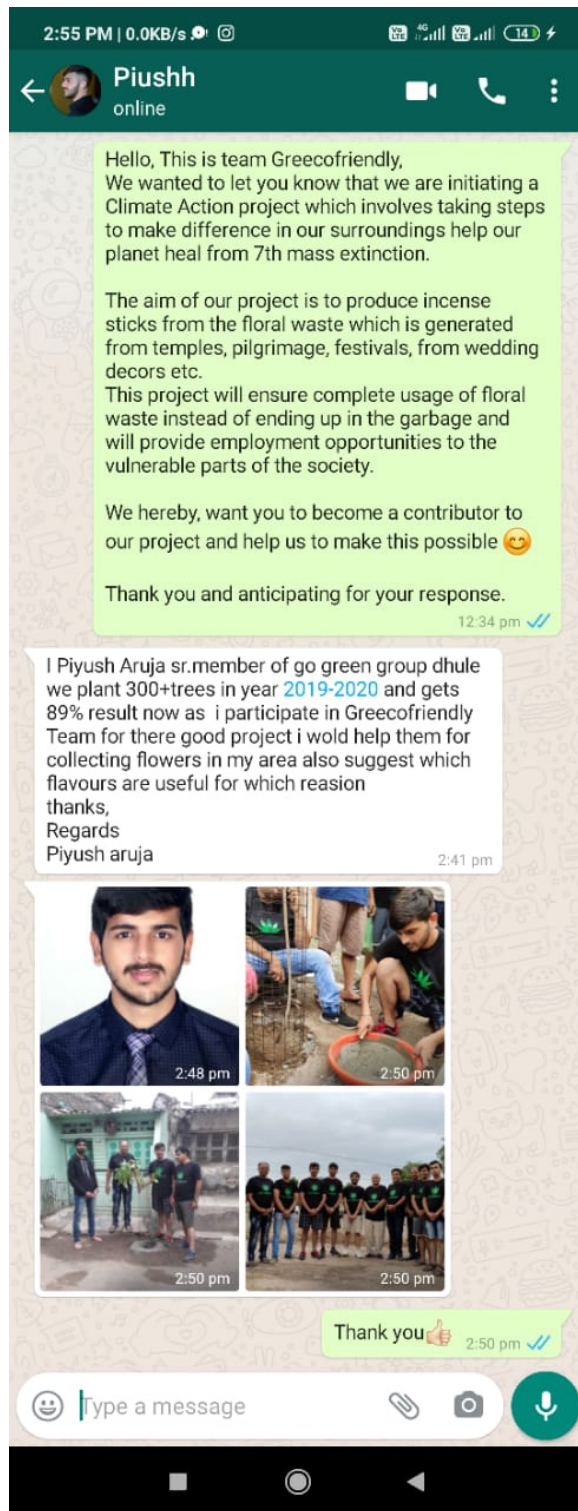
GO TEAM!

Our interaction with
Assistant professor.
Miss.Gauri Kallawar









These are
all the
responses
we have
recieved
from our
team
members.



Here is our photo collage of
Our Dream Team