National Institute of Technology Karnataka - Surathkal
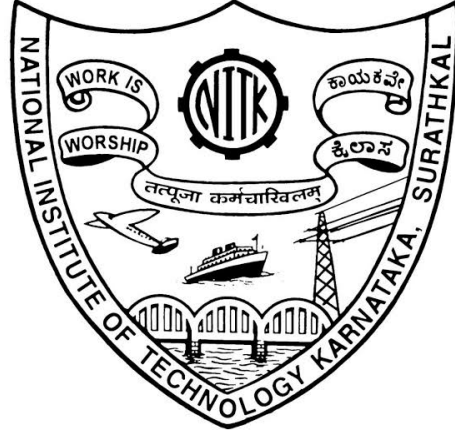

Odd Sem Report 2021-22

Rotaract Club Nitk Chapter

RoTech

This year, we started working on an initiative named RoTech, where we are taking up two technical projects that are aimed towards social causes.
We hope to build a community of people, projects, organisations and benefactors promoting the role of technology to improve social, environmental and economic outcomes.

Blind Assistance System: Real time Object Detection With Distance and Voice Alerts.
Field of Computer Vision that detects instances of semantic objects in images/videos (by creating bounding boxes around them in our case). We can then convert the annotated text into voice responses and give the basic positions of the objects in the person/camera's view.

Vertical axis wind turbine.
We aim to implement a vertical axis wind turbine in college which will help us generate green energy hence promoting sustainability.

Project Photograph:
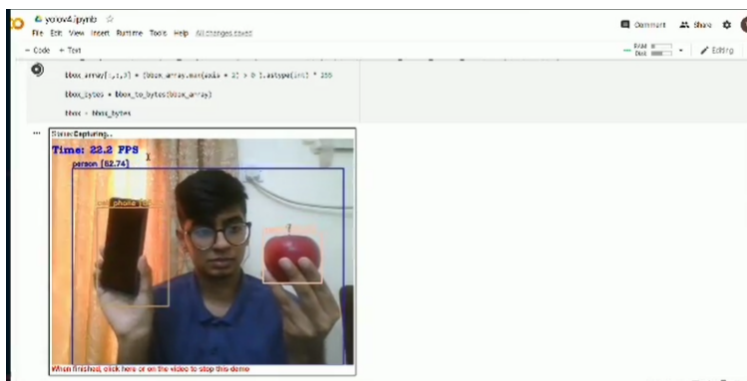
Social Initiative Project (SIP)

We take up a Social Initiative Project monthly, and we refer to this as SIP. Every month, we take up a social issue that is either being currently discussed about or not given much awareness to. We post regarding this social issue on our social media handles and try to spread awareness in a creative manner.

This year, we are also trying to create on-ground social impact with every SIP that we work on, such as fundraisers or collaborating with NGOs to aid their services etc.

Social isolation and Loneliness

To make sure we can spread awareness about the potential consequences of long periods of social isolation and develop a sense of empathy for those going through a rough patch in their fight against the coronavirus. We are taking this initiative to ensure we, as young adults, educate ourselves about this current problem and take small steps to avoid the pitfalls of social isolation and loneliness.

Cervical Cancer

This was taken up as its one of the most common cancers affecting women worldwide, with the highest mortality rate in India. Posts were put up in our instagram page to spread awareness about the issue and provide solutions for its prevention.

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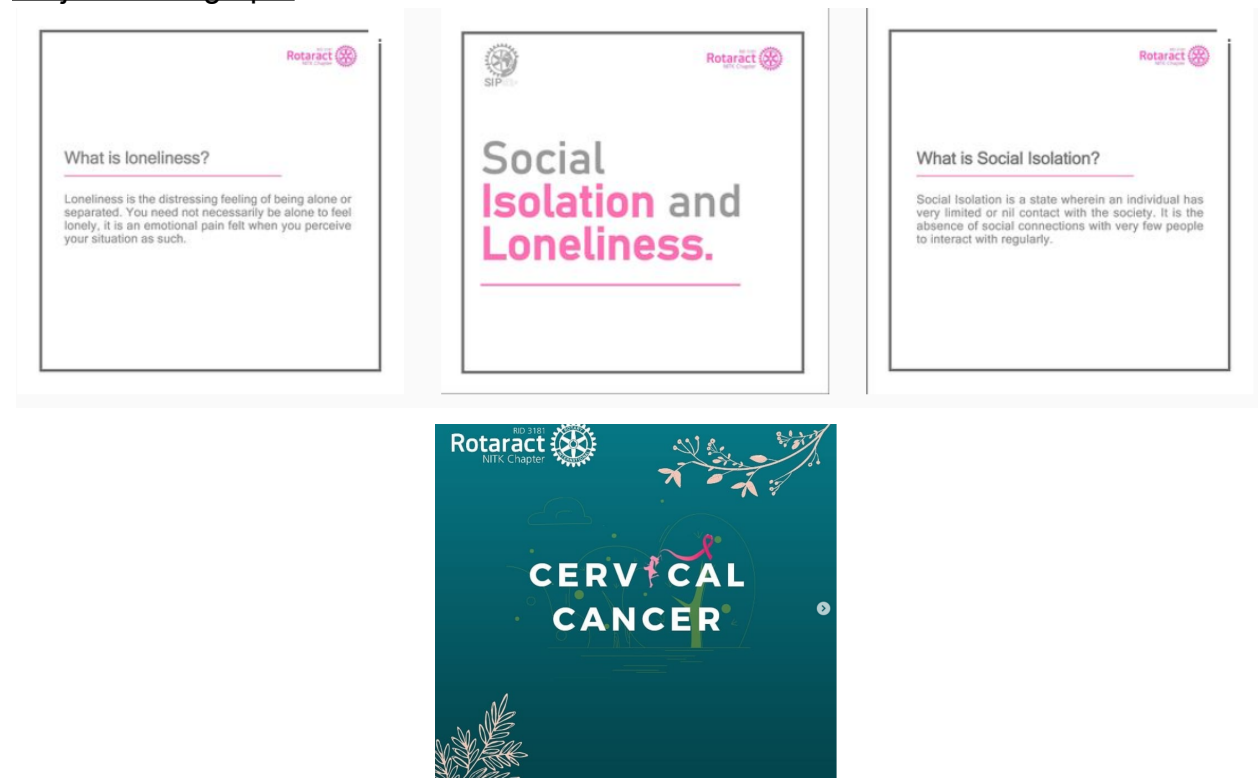
Humans Of Service (HOS)

This year we started an initiative called Humans of Service (HOS).
Through this initiative, we aim to contact highly reputed as well as simple individuals working in social service and creating social impact. We aim to talk about their journey and their involvement in service. We want to highlight their work and impact as well as provide a way to our audience on how to pursue an impact oriented career.

In the month of June our team contacted most prominent Indian LGBT activists who have paved the way for the queer community and made everyone proud. We shared their stories on our social media platform.

Extraordinary situations call for extraordinary responses. And no one has risen to the challenge of Covid as admirably as our healthcare workers. As Covid-19 lashed the world, frontline workers risked their lives to aid others. Community workers, hospital assistants, nurses and doctors tended to the sick. In the month of October, we highlighted the heroic efforts of some courageous and inspiring doctors from across the globe who lost their lives while saving the lives of COVID-19 patients.
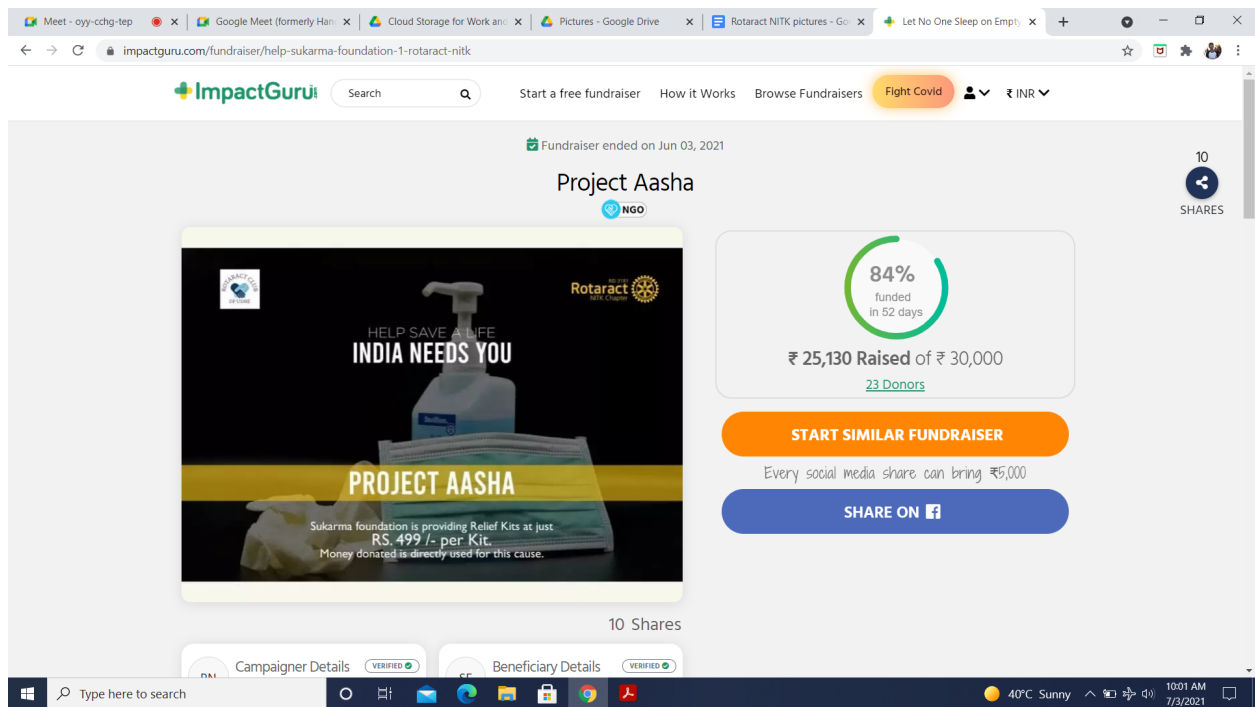
Project Photograph:

Project Aasha

With the ongoing pandemic worsening with each day, many individuals residing in rural communities in India are finding it hard to make it through each day.
As part of our initiative, Project Aasha, we, The Rotaract Club of NITK, in collaboration with The Rotaract Club of USME, DTU initiated a fundraiser to aid the supply of Relief kits to the ones in immediate need.
An amount of 25,000 Rs/- was raised and donated to the Sukarma Foundation, an organisation tirelessly working to help the underprivileged by providing food items, sanitisers, masks and other basic supplies.

Project Photograph:

Roto Assist

We found that many individuals in our college, when in need of help such as family emergencies, or looking for shelters etc or financial aid, are unaware of where to turn to.

We are building a database of credible non profit organisations that we will personally contact, that provide shelter and aid to families in need as well NGOs that provide aid to the community, and we aim to publish this database onto our website.
We hope this database will help many of our NITK students that require help at any time.

RoBlogs

We are also working on an online initiative called RoBlogs, where we release writings and articles of our members with regard to various social issues as well as personal growth stories, or personal viewpoints on multiple social causes and its effects.

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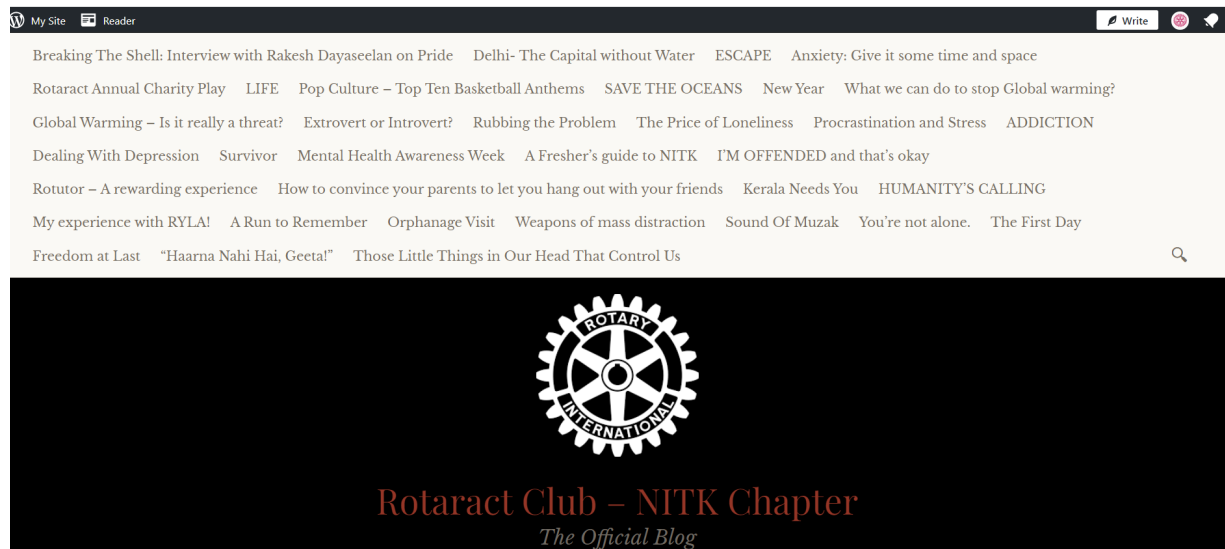
Blockbuster Returns

We conduct multiple events and competitions throughout the year for the freshers students of NITK. These events and games test their knowledge with respect to topics such as pop-culture, mysteries, etc and pave way to relieve their academic stress and provide them with a fun and enjoyable break.

From 21st to 23rd June we conducted Blockbuster Returns, a pop culture event for the first year students.

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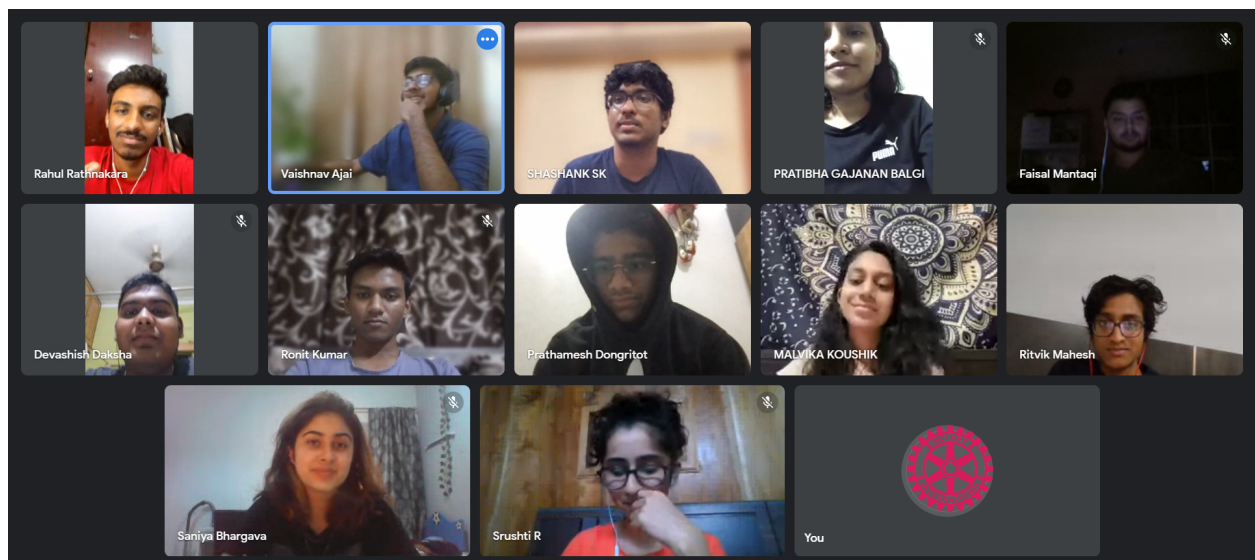
Mental Health Awareness

Mental Health Awareness provides a timely reminder that mental health is essential and that those living with mental health issues are deserving of care, understanding, compassion, and pathways to hope, healing, recovery, and fulfillment. After all, that is what we all want and need, now more than ever– for ourselves, for our loved ones, for our communities, and the world.

During the month of November, we spread awareness through our social media platforms that was aimed to make a difference and help overcome mental health issues. We also shared a good representation of mental health and issues on TV shows. TV shows offer well-rounded portrayals of how to live with anxiety, depression, etc.

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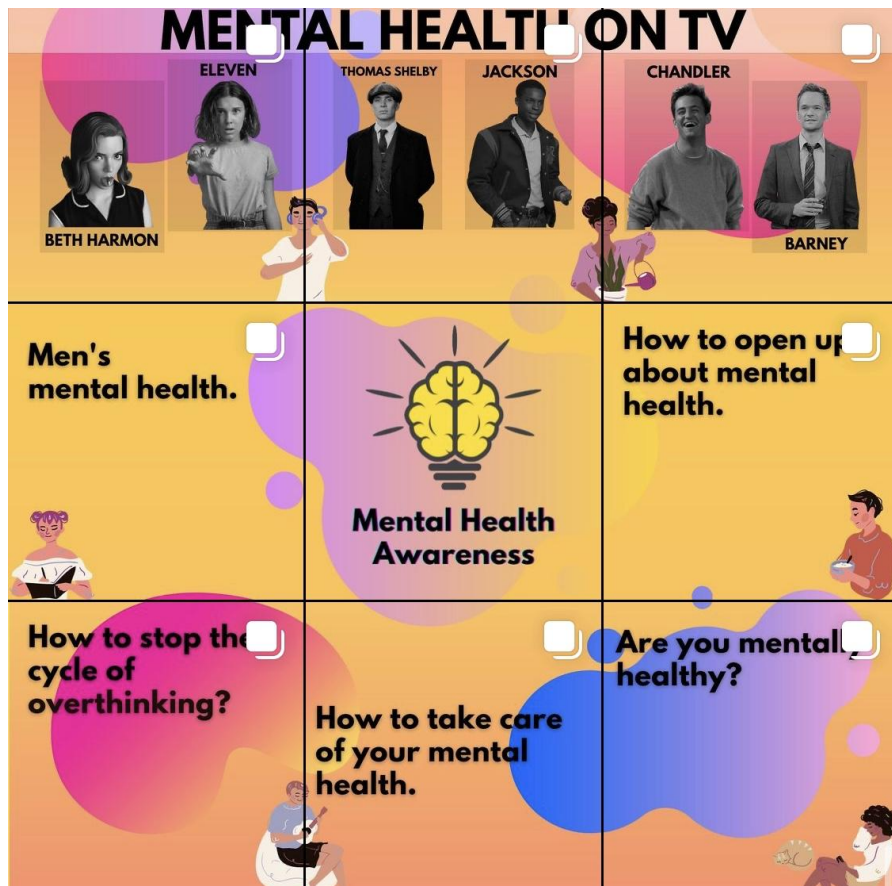
It's okay to not be okay - An Open Mic Event

In addition to our Mental Health Awareness flagship event, we conducted a virtual open mic event on 13th December 2021, in collaboration with ISTE NITK. This event offered a relieving comfort space for the students of NITK where they were able to share their experiences and stories of their mental health. Though it was a virtual event with everyone miles away from each other, the sixty participants that joined in could feel the love in each conversation and the support that we were ready to offer each other. As the open mic progressed, we each shared stories of how to take care of one's mental health and ourselves. This was an event that everyone enjoyed being a part of and gave us all a much needed break from our busy life.

Project Photograph: