



# NSS Report

NSS Stands for National Service Scheme. The main objective of the National Service Scheme as envisaged originally was service to the community in an educational institution. It has been felt that the primary aim of the scheme is to enable the students to upgrade their personality and experience through the community service. This year NSS activities began with the 'Yoga Day Celebration' in which students and faculties actively attended the sessions held on 19th and 20th of June 2016. Also, NSS volunteers attended the International Yoga Day Celebration on 21st June 2016 at the University of Mumbai, Kalina. Further, the enrollment process took place for new volunteers from second year and about 250 applications were submitted out of which 50 volunteers were selected based on their response in the interviews conducted. The newly enrolled volunteers were given a brief idea by organizing an orientation which was held on 27th July 2016.

All the volunteers actively participated in the Independence Day celebrations on 15th August 2016 by performing musical skit on the theme 'ARE WE REALLY FREE?' and also accomplished in generating various creative artworks for the occasion. Col. Sashidharan (Retd.) was the chief guest for the occasion and the volunteers had an interactive session with him. Maintaining the 5 compost pits and compost filtering are one of the regular activities of the NSS unit. 30kg of compost was filtered. One activity that the volunteers enjoyed the most was the Random Act of Kindness; wherein volunteers randomly went around in Nerul and helped random people. The volunteers actively participated in the cleaning of the areas in Shiravne village as a part of the Swachh Bharat Abhiyaan initiative and also spread the awareness of maintaining separate dustbins for dry and wet waste. This activity was carried out under the guidance of NMMC Officers. NSS carried out a TREE PLANTATION DRIVE on 16th September 2016 near the Chinchokli talav in Nerul, Navi Mumbai and around 40 saplings were planted by the volunteers. The NSS Volunteers created awareness to save electricity and they started saving electricity on a personal level as well. The NSS week was celebrated between 24th September to 30th September 2016, where all the volunteers performed street plays in the college Canteen area on issues like road safety, saving electricity, superstitions, women empowerment, etc. The Blood Donation Drive in association with Sion Hospital, was conducted on 30th September 2016 in the college Physics Lab and collected a total of 250 units of blood. Volunteers also attended the Bhajan Sandhya on 2nd October 2016 at the Gateway of India, celebrating Gandhi Jayanti.

A seven days residential was conducted from 31st December 2016 to 6th January 2017 in Bursunge village, Murbad, Thane. The highlight of the camp was that we built 11 soak pits in 3 days and a Bandhara (bund) in the remaining 3 days. Soak pits were built for percolation of waste waters and bund was built to ensure that every household received water regularly. Seminars were conducted on 'Social service' and various personality development sessions and Street Plays were carried out for awareness about false myths related to Women menstrual cycle, Swachh Bharat Abhiyaan, etc. The volunteers also had an interactive session with the school kids. NSS Volunteers recited various poems on the National Youth Day. A seminar was conducted by Dr. Sumit Shinde on 'The role Of Youth In The Present World' for the NSS Volunteers on 19th January.





## NSS REPORT



The NSS Unit of SIES GST is the primary student chapter oriented towards social-service at SIES Graduate School of Technology, Nerul. We are committed to creating awareness and finding solutions to the problems that plague our society. Along with the social service aspect of our organization, we also help with personal and cognitive development of our volunteers.


NSS volunteers from the second year presented a theatre performance with the objective of spreading awareness on issues like old age support, corruption, gender discrimination, etc. as a part of Republic and Independence Day celebrations. The random acts of kindness initiative involved NSS volunteers to disperse across the city and offer their help to random strangers who might've been in need of it. The NSS unit organized many workshops viz. Disaster management, first-aid, etc. to train or educate interested audience into leading a better life. We also conducted a workshop on the practice of Yoga on the occasion of International Yoga Day and a tree plantation drive at the start of the academic year, in which a total of 105 saplings were planted. Various days of importance were celebrated this year, which includes the birth anniversaries of Chhatrapati Shivaji Maharaj and Mahatma Gandhi, amongst others.

As a new initiative, a plastic waste collection drive was started along with Bisleri International Pvt. Ltd. The plastic is collected at various collection points throughout the college and periodically shipped to Bisleri plastic recycling plants. The NSS unit maintains a compost generation pit, in which once every year, the volunteers dig up the generated compost to process and package it before it is put up for sale. Street Play is another form of theatre performed by the NSS volunteers every year. This year, the objective of these performers was to spread awareness about various social issues. The volunteers unleashed their creativity to create dry waste collection bins. A total of 18 bins were created out of recycled cardboard boxes and paper.

The NSS unit organized an intercollegiate competition for NSS volunteers. The event consisted of Street Play Competition, Poster Making Competition, and Essay Writing Competition. The theme for all the competitions was 'Blood Donation'. NSS volunteers from about 10 different colleges from Mumbai and Navi Mumbai participated in this competition. A district-level theme based workshop was conducted by the NSS unit. The theme for this two-day workshop was 'Waste Management'. 51 volunteers from about 20 different colleges participated in this workshop.

Like every year, the NSS unit played a major role in the latest iteration of our annual charity marathon, Dream Run 2019. The revenue generated by NSS volunteers was added to the pool of total revenue, which was donated to Sunshine School, Vashi - a school for the differently abled which specializes in the education of children affected with Autism Spectrum disorder.

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# Women Development Cell Report



The Women Development Cell (WDC) of SIES GST, Nerul is a true and apt reflection of the guidelines laid down by the women development cell of the University of Mumbai. WDC conducts numerous activities and workshops promoting social awareness in students about issues that affect women on the most basic and compound levels. The cell tackles the grievances of women, both staff and students alike and provides guidance, advice and direction.

On 26th September, 2017 seminars on 'Menstrual Disorder and Hygiene' was conducted by Ms. Sreelaxmi Nair, the Zonal Head of 'Happy Nappy'. Around 115 female students and faculty members were made aware of menstrual disorders and how they affect their daily life and routine. They were also given an insight and understanding into the importance of personal hygiene. Ms. Sreelaxmi also explained the various functions of the 'Happy Nappy Vending Machine' and let the students freely express their views and problems. A seminar on 'Legal Formalities and Laws related to girls' was conducted on 4th October, 2017 by Mrs. Smita Jadhav Bhapkar, Senior Police Inspector, NRI police Station, Nerul. She guided the students and faculty members on laws subjected to women and the legal formalities to be followed at the police station. She shared her experiences with the audience giving them real life instances on ways to tackle numerous scenarios that they come across in their daily life.

On the occasion of International Women's Day, Ms. Prajakta Koli - a youtuber, vlogger, entertainer and an inspiration to the youth, held a talk session on 'The journey of my life - Women Empowerment'. Prajakta recently took the social initiative #iPledgeToBeMe aimed at addressing body shaming. She shared the struggles and peaks in her career and discussed the difficulties she faced to become a successful youtuber and how to start making youtube videos. She motivated the girls to be self-confident, bold and passionate. More than 150 girls along with the faculties attended the session. A colourful event, 'T-shirt Painting' was conducted on 7th March, 2018. The subject of the event was "Press for Progress". Around 12 students participated in the event and painted artistic T-Shirts showcasing their vision and thoughts, giving an artistic perspective the topic. The winners' T-Shirts were displayed on Women's Day.

This year WDC brought in exceptional and positive changes. The prolific and promising vision and the immense hard work to conduct and manage each event was remarkable and a great feat. The cell hopes to bring in many progressive changes for women and will keep on pushing to create awareness and bring a positive change in the society.

- Prof. Prajakta Kane  
Assistant Professor, Mechanical Department



# WDC Report

The Women's Development cell of SIES graduate school of technology has achieved many feats in the year 2016-2017. It was set up with the main initiative of promoting women empowerment and various events were conducted regarding the same. The academic year began with a Health Check up Camp on 'Quantum Bio Electric Full Body Analysis' which was held on July 29th and 30th, 2016. It was conducted by Dr. Firoz Sarang and Dr. Nuzhat Sarang who work as consultants and family physicians in 'A to Z Polyclinic and Diagnostic Center' and Ms. Swati Masurkar, a Social worker. Forty-one tests were conducted during the camp using Quantum Magnetic Health Analyser. Dr. Sarang gave guidance to the faculty members by observing the reports generated by the analyser. Around 60 faculty members had participated in the camp. The camp got a positive feedback as the faculty members applauded the contents delivered by the organisers. The second event by WDC was a Seminar on 'Organ Donation Awareness' which was held on February 4th, 2017 at SIESCOMS Seminar Hall S3. It was conducted by Mrs. Meera Suresh from Sneha Bandhan Trust, a representative of Zonal Transplant Co-coordinator Centre. Organ donation is a noble act which gives an opportunity to save lives after our death. The Speaker explained the necessity of organ donation, the significance of organ transplantation along with the procedure of organ donation as well as the eligibility criteria for organ donation. At the end of the seminar, pledge forms for organ donation were distributed along with the donor cards.

International Women's Day was celebrated on 8th March 2017 by the faculty members and the students. Women's day celebration had begun by making a vibrant rangoli preparation and poster paintings made by students. Seminar on 'Women Empowerment' was conducted by Ms. Meena Barot, Iron Lady and consultant faculty at ITM group of Institutions, Mumbai. The seminar highlighted the progress achieved with regards to Women Empowerment in particular, and also the road ahead. One of the major initiatives taken by WDC was the Sanitary Napkin Vending Machine which is installed in the ground floor girls washroom. Sanitary Napkin Vending Dispenser Machine is used for vending Sanitary Napkins by using a smart card. It is used for the immediate access of napkins to meet the menstrual emergencies. WDC stood up to all the expectations, the staff and students had harboured. The efforts and hard work put behind each event was clearly visible by the positive changes it brought along. The cell hopes to bring many more progressive changes for women and promises to keep working to bring about a positive change in the society.



Kokila Nadar  
FEC

Ms. Ujwala Ravale  
CWDC Coordinator



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## **REPORT OF PROMETHEAN 2020: AN ENGINEER'S SOLUTION**

Second year students of **SIES Graduate School of Technology** organized an event called **Promethean: An engineer's solution** for the First year students. This event was held in two Rounds, the First round being held on 3rd January, 2020 while the Second round being held on 31st January, 2020.

With numerous environmental problems faced globally and Climate change being the matter in hand, Students play a crucial role in bringing a change. This was the main intention behind organizing Promethean. Promethean is a Poster presentation competition where the students were exposed to environmental problems of today and they had to come up with engineering ideas of their own. Workshops were held prior to every round by the Promethean volunteers to guide the First year students with the presentation of their ideas.

The timeline of Promethean was as such:

1. **Promethean Workshop 1**–December 20, 2019
2. **Promethean Workshop 2**– January 2, 2020
3. **Round 1**– January 3, 2020
4. **Promethean Workshop 3**– January 11, 2020
5. **Round 2**- January 31, 2020

  
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# PROMETHEAN WORKSHOPS

## 1. Promethean Workshop 1– 20 December, 2019

The F.E. Students were explained the procedure of registration, Topic selection, PPT Designing and Round 1 of Promethean. Two volunteers were assigned for every division, and these volunteers would be the mentors for that class throughout the length of the event. The contents of the slides, time limit was also explained to the students.

## 2. Promethean Workshop 2– 2 January, 2020

This workshop was aimed at reviewing the PPT made by the F.E Students by their mentor volunteers. The students were given suggestions on how they can improve their PPTs content-wise and look-wise. There will be no common topics in a division, hence, all the teams from a division made their PPTs on different topics. The Students were also given suggestions on how they can present their PPT well before the faculty, like their posture, gestures, voice and clarity. Once a team's PPT was ready, they were asked to mail it to the Promethean team.



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## PROMETHEAN ROUND 1

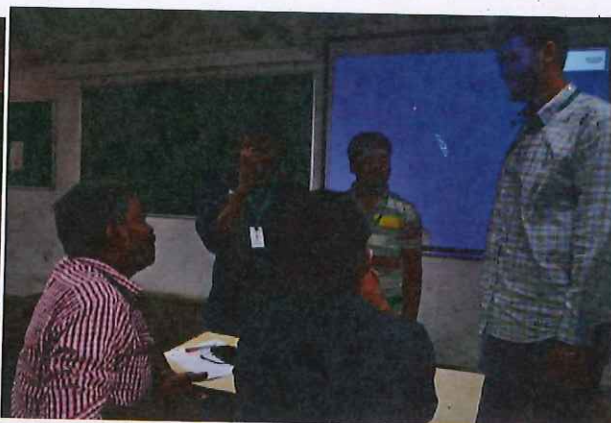
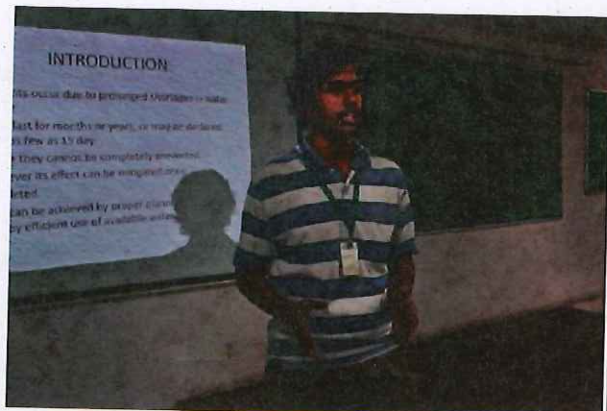
Round 1 was a PPT Presentation. The students had selected their respective topics and prepared a PPT, refined and ready to be shown to the faculty and their classmates. The criteria for judgement included: Relevance, feasibility and novelty of the solution, Slide design, conclusion within time and slide limit and knowledge of the solution.

The faculty asked apt questions to the students regarding their topics; Three-four teams from each division who prepared well and excelled in all the above criteria were undoubtedly selected for the Second Round.



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## JUDGES



VOLUNTEERS WITH DR. MANASI KARKARE MADAM

  
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## PROMETHEAN ROUND 2

### 1. Promethean Workshop 3– 11 January 2020

The selected students were given details of Round 2, which was Poster Presentation. The things conducted in the workshop were: Details of Poster size and material to be printed on, Content and layout of the poster, Details of Topic selection procedure and Poster designing apps and websites.

### 2. Round 2- 31 January 2020

The event started with introduction of our judges to the Participants- Dr. Seema Mishra and Chitra Ramanan madam, followed by an introductory speech by Dr. Manasi Karkare madam, who then opened Round 2.

The students explained their solutions through their poster to the judges in detail. The judges questioned the students, where their preparedness was tested.

After an hour of detailed judgship, all the participants were done presenting the posters. The students were tested on their presentation, oratory, responsive, creative skills and knowledge of the problem and their solutions.


Four teams proved to be exceptional and clinched the winners tag. All Participants Were given the Participation certificates by the honored guests. A word of motivation by Dr. Seema Mishra ma'am and Dr. Manasi Karkare ma'am instilled confidence in the participants for their future endeavors. A vote of thanks concluded the Promethean 2020 event.







**Dr. Seema Mishra madam and Dr.Manasi Karkare madam interacting with students**

  
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## WINNERS

POSITION	NAMES	TOPIC
1st PRIZE	K GAURI KAUSHIK SHRIDHAR MANISH R V KARTHIKEYAN NIPUN MANGHI	FORREST FIRES REDUCTION TECHNIQUES
2nd PRIZE	MANAS MENDON PRADYUMN JOSHI ANVESH LOKHANDE VIGNESH MARLAS DEEP BHANUSHALI	SAVING MARINE LIFE FROM EXTINCTION
3rd PRIZE	HITEN SHARMA DINESH NADAR KHUSH PATIL ANURAG NALA	ALTERNATIVES TO CONVENTIONAL HOUSING
	RIDDHI KAWISHWAR VAISHNAVI DIXIT KASHISH SINGH RIYA SINGH	FLOOD PREVENTION AND RESILIENCE TECHNIQUES



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**The motive and goals of Promethean 2020 were as follows:**

- 1) To instill in students, awareness regarding Environment Problems and make them think on Engineering Solutions to overcome the problems.
- 2) To overcome stage fear and boost self-confidence.
- 3) To learn time and resource management.
- 4) To develop team bonding and working as a team.
- 5) To uplift unique ideas of every individual
- 6) To improve overall personality and embarking social responsibility.

According to a feedback conducted by the Promethean team, we got to know that above 80% students found a change in their self-confidence and overall personality, indicating the success of Promethean.



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