



NSS Tenure Report 2021-22

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PLANTATION DRIVES

Considering the danger of the current climate crisis all over the world we should try our best to protect our planet in every possible way. Planting trees is one of the most efficient ways to reduce air pollution and some other forms of pollution too. Trees have numerous benefits to its own surroundings and to all other organisms living on our planet. Planting trees help in reducing soil erosion and thus help in maintaining soil quality. Many trees also have medicinal benefits and most importantly they provide oxygen for breathing. So to raise awareness and motivate the students a successful plantation drive was conducted in the institute by NSS, IIT BHILAI.

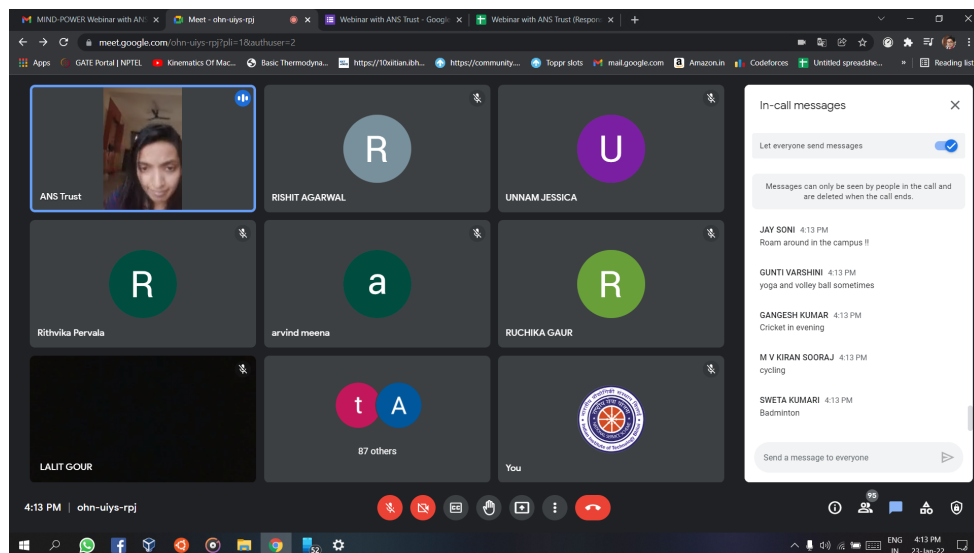
CCL IITGN

It is true that the subject "Mathematics" feels like a nightmare to most of the students. But with the right guidance and approach the true beauty of this subject can be realized. In collaboration with CCL IITGN a series of lectures were conducted under a course called "Joy of Mathematics: Hands-on Approach to Non-intuitive Math and its Visualization". This course mainly focused on giving students a taste of how mathematical operations can be related and visualized in our real life. Following the lectures there were short-projects, assignments which were meant to give the students a different perspective to mathematics.

Webinar ANS Trust

In today's world we almost always find ourselves in stressful mode and feel depressed because of our hectic schedules and toxic work cultures. Because of all these mental health problems are famous among most people, especially among students. Still this topic is mostly overlooked and people think that this is not a great deal. But to deal with these problems we need a good

coach. So to raise awareness and address this problem an interesting session called “MIND POWER” was conducted by ANS trust. Many students participated in the online session and had a great discussion with Neeki Singh.



Webinar C.H.O.I.C.E

A person with great habits always excels in every sphere of life. It is hard to sustain in a particular field without good character. But we see nowadays many people indulge themselves in many illegal activities even though they know that those things are harmful for them and people around them. Discipline, good values, etc. are the pillars of a student's life. Without these it is hard for a student to excel in his/her studies. To make the students realize all these *C.H.O.I.C.E* in collaboration with NSS, IIT BHILAI conducted a webinar called “Power of Habits” on 13rd February 2022.

Paper bag making(NSS Project)

Plastic is very harmful to the environment. We see many environmental issues resulting due to the use of polythene bags, plastic bags. To tackle this problem paper bags are a great alternative as they are eco-friendly and biodegradable. We can use them to carry many less heavy goods. Paper bags can be made easily by using spare papers found in our households. So to encourage the students to use their creativity and raise awareness regarding the harms caused by the use of plastics to the nature around us NSS, IIT BHILAI gave a group of students a paper bag making project. The task assigned was to study the economics of paper bag making in order to meet market requirements as well as generating profit margins. The

housekeeping staff and other interested staff were trained to make paper bags efficiently. Several potential customers were contacted and we had orders of paper bags too.



Paper bag making activity

It is true that many types of pollution, be it soil pollution or water pollution or air pollution plastic is found to be a major cause of almost all the types of pollution. Because of us throwing plastic bags carelessly many animals also face problems like plastic choking. This shows how much importance the use of paper bags holds in today's world. It is necessary that we promote the use of paper bags among the people around us. To address the same issue and to encourage the students a paper bag making activity was conducted in which many students participated and showed their creativity in making paper bags.

QR Tagging of trees

To maintain the natural beauty and healthy ecosystem in our campus many trees have been planted in many places of our campus. Many trees have their own benefits like medicinal benefits. It is amazing to know that many normal diseases can be cured by the plants growing in our garden. It is interesting to keep note of the important information about plants. As the name of many plants are unknown to us so sometimes it gets hard to do an internet search. Thus NSS, IIT BHILAI has tagged QR codes with the trees planted which on scanning gives general information about that particular plant or tree.

Durg Survey under EBSB

The Mission of Unnat Bharat Abhiyan is to enable higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. Under this mission a Durg survey was conducted in which the volunteers from IIT BHILAI visited the nearby villages in Durg and inquired about the various problems the rural people were facing so that those problems can be addressed and optimum solutions can be found for them. The local health centers were made aware about the health related issues of the rural people and the volunteers also checked if the students studying in local educational institutions were studying in a comfortable educational environment.

Self Defense Session

In today's world where we everyday hear of crime news it becomes really important for everyone to learn self defense skills. Nowadays it has become necessary to know how you will protect yourself. It is about learning how to defend yourself and think clearly in very intense situations. Along with school, and other places self defense has become a necessity for every growing child and individual today. Self defense training mainly commences with strength training and how to apply the skills in mock situations. To raise awareness among students weekly self-defense sessions were conducted by a trained instructor.



Teaching Cell

Teaching is considered as one of the wisest jobs. In our country India even though there are many talented students, their talent goes into vain because of the lack of right guidance. All they need is a great teacher who will recognise their talent in a specific field and give them courage and correct guidance to pursue their interests. To provide the students with proper educational content of subjects like Science and Mathematics the volunteers from IIT BHILAI taught several students from nearby schools in the campus premises.

Blood Donation Camp

Two Blood donation camps (in an interval of 4 months) were organized during my tenure recording a total of 106 donations. The camps were held by SCCH blood bank and AIIMS Raipur respectively in November 2021 and March 2022.



Blood Donation Camp -Nov 21



Blood Donation Camp- Mar 22