

GURUNANAK INSTITUTE OF TECHNOLOGY

Approved by A.I.C.T.E., New Delhi
Affiliated to MAKAUT, West Bengal



Criteria - 3.6.1

Supporting Document
(Any additional information)

Guru Nanak Institute of Technology
157/F, Nilgunj Road, Panihati
Kolkata -700114

Ref. Number GNIT/PRIN/R&D/2021/102	Compiled & Checked by: Dean, R&D Sig..... Date 28/06/2021	Approved by: Principal Sig..... Date 28/06/2021
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Dean - R & D
GURUNANAK INSTITUTE OF TECHNOLOGY
Kolkata-700114

Principal
Guru Nanak Institute of Technology

Workshop-cum-Boot-Camp on Science & Language Skills on National Science Day (27-28) February, 2020

Applied Science & Humanities Department, on behalf of GNIT hosted a 2-day Workshop-cum-Boot Camp on Science & Language Skills to commemorate National Science Day during (27-28)th February 2020, which was the first inter-school workshop-cum-boot camp to raise awareness of science in academics and everyday applications as part of the institute's extension and outreach program for school students.

175 students from class 9 to 11 and teachers participated from 7 local schools—Sodepur Chandrachur Vidyapith for Boys, Sodepur Chandrachur Vidyapith for Girls, Panihati Trananath High School for Boys (HS), Agarpara Mahajati Vidyapith for Boys, Agarpara Sabitri Mahajati Balika Vidyalaya, Panihati Girls' High School and Panihati Balika Vidyalaya.

On 27th Four Workshops took place simultaneously on Mathematics, Chemistry, English and Physics where students performed hands-on experiments in the Physics and Chemistry labs, looked at scientific models, did video-viewing and information-gap activities in English, and learnt about quicker ways of solving mathematical problems.

On the Second Day the inauguration marked homage to Indian scientists and Sir C. V. Raman's discovery of the Raman Effect by all faculty members and participating school teachers by lamp lighting and garlanding of the portraits of the scientific luminaries of modern India. An exciting round of Science Quiz and a Spell Bee event were also hosted in the 1st half.

2nd half of the day also witnessed a stimulating and interactive Model and Poster Display by school and GNIT students. Participating schools presented innovative models on food adulteration, water purification, forest conservation, circuit games and low-cost projector.

The GNIT students presented an exciting array of models on Smart Fire Extinguisher, Automatic Floor Cleaner and various others including on light displays. Models using waste materials garnered much appreciation from the audience. Beautiful Posters made by the students on the theme "Women in Science," were also displayed. The display was judged by the Registrar, Convenors, and other HODs. Winner and Runner Up trophies were given to all the winning entries.

Earth Day Celebration

Applied Science & Humanities (ASHU) Department and GNIT NSS unit, observed World Earth Day (22nd of April, in 2020) by arranging a Nature Photography Competition "*THROUGH THE LENS*" where basic information detail came from Dr. Indrajit Bose, senior professor of the department. Because of COVID-19 pandemic, B.Tech. students took part in the photography competition online. All the photographs were judged by Mr. Anupam Mukherjee, well known Nature Photographer.

Reaching out a helping hand even during the Pandemic situation:

Due to the outbreak of Covid-19, GNIT NSS unit couldn't work out as a whole team but the student volunteers, faculty and staff members were involved individually or in small groups in stretching their helping hand towards the needy people according to their capability.

- Faculty and staff members of Chemistry Section were involved in preparation of WHO recommended Hand sanitizer whereas the members of BHM Department were engaged in preparation of face masks for distribution among local people during first wave of Covid 19 pandemic in the locality (20.03.2020).
- Daily wage-earners and the needy had been severely affected by the lockdown, with their jobs and livelihoods at stake. Voluntary care-givers took a lead role on behalf of the institute. Initiative of Mr Ashok Ghosh, Technical Assistant of the institute from ASHU Dept, participated in donation drives distributing rice, dal, other essential food grains and masks to the distressed people living in the Lalbagan - Kumartuli area between 8th and 15th April, 2020 is praise worthy. Mr. Ghosh has also donated Rs. 1000/- to the PM Cares Relief Fund. Dr. Sucharita Bhattacharyya, Convener, GNIT NSS Unit (SFU) donated Rs. 2000/- personally to Rohan Mukherjee, a student of BCA final year of Narula Institute of Technology, suffering from cancer. She also donated Rs. 2000/- to a sweeper who suffered massively during Amphan cyclone in May, 2020 (17.5.2020).
- Student volunteers had also been proactive and supportive for the common people and people below the poverty lines who lost their jobs & faced all odds in their daily livelihoods in COVID 19 pandemic. They distributed self-made masks and food grains, sugar, vegetables and other necessities (during first wave of COVID-19, April-May, 2020).
- Students showed their sensitive & compassionate character by donating willingly & individually to the PM & CM Care Relief Fund, and they organised the online fest **FELICIFIC 2020** in collaboration with Institutes Media Team from where raised substantial amount were earmarked for the same funds (24.04.2020).
- They have also been engaged in distribution of relief to the villagers in the Sundarbans affected by Amphan in May 2020.
- Students were engaged in their social responsibility activities and distributed the essential commodities and food items to the needy people, badly affected during the COVID-19 lockdown (06.08.2020).
- Faculty and staff members are also involved in distribution of educational kit, hand sanitizer (made by GNIT Chemistry section), mask (made by BHM dept.), chocolates and sweets among the **Sabar girl students from Belpahari, Jhargram at Satyabharati orphange in Nabagram, Hooghly**. Dr. Sreyasree Basu, Asst. Professor, ASHU Dept., took the initiative of the program and Dr. Indrajit Bhattacharyya, Asst. Professor, ASHU Dept., Dr. Debasree Saha, Asst. Professor, EE Dept., Mr. Chandan Kumar Bhattacharyya, JTA, ASHU Dept. were also participated (01.02.2021).
- Students were also engaged in preparation of Sanitizer for distribution among local people during 2nd wave of Covid 19 pandemic in the locality.
- Student members of PRAGAATI organised a visit to Sangbedan at Sovabazar, Kolkata, a home for differently-abled 51 and distributed food packets, chocolates, masks, sanitizers on auspicious occasion of Bengali New Year (15.04.2021).

- Student members of PRAGAATI distributed the essential commodities (Food, Medicines etc.) after the cyclone YAAS among the homeless people (02.06.2021).

Celebration of International Women's Day, 2021

International Women's Day 2021 was celebrated by the Women's Grievance Redressal Cell (WGRC), GNIT on 8th March 2021 in the virtual platform.

The program was inaugurated with the auspicious Lamp Lighting Ceremony and Welcome Video. The welcome address was delivered by the Dr. Sucharita Bhattacharyya, Convener, WGRC. Prof. (Dr.) Santanu Kumar Sen, Principal, GNIT conveyed his Special Message to the august gathering by his illuminating and motivational speech followed by Dr. Adish Kumar Chakraborty's (Registrar, GNIT) message. The occasion witnessed the official Release of the 1st Edition of the WGRC Newsletter entitled '**SARBAJAYA**' done by the Principal, the e-version of which was beautifully designed by the WGRC student members led by Ms. Shilpita Hajra (3rd Year, AEIE) and Ms. Sayani Sengupta (3rd Year, IT). The Result of the Essay competition on the topic '**Women in Action during Covid 19 Pandemic**' was declared by the Principal along with the Prize Money for the Winners. After the melodious Tagore's musical presentation by Ms. Sumedha Bhattacharya (2nd Year, ECE), a speech competition on the title '**A challenged world is an alert world for women**' was conducted among the student participants. A good number of students participated and delivered their speech very nicely and enthusiastically which were evaluated by a panel of judges comprising of senior faculty members of the institute, Dr. Sucharita Chakrabarti, Dr. Soma Mukherjee, Ms. Suparna Karmakar and Mr. Susovan Dutta.

Celebration of World Environment Day (in two phases) (5.6.21) & (12.6.21)

Department of Applied Science and Humanities (ASHU), GNIT, celebrated World Environment Day in two phases.

In phase-I, Webinar entitled "World Environment Day: Looking Deep into the Nature" was organized on June 05, 2021. The programme was inaugurated by Prof. (Dr.) Santanu Kumar Sen, Principal, GNIT, which was followed by the welcome address by Dr. Sucharita Chakrabarti, HOD, ASHU, GNIT. The programme started with a presentation entitled '**Remembering Sundarlal Bahuguna: The Guard of the Himalayas**' by Mr. Dipanjan Bhattacharjee, Assistant Professor of Physics, GNIT.

The first speaker of the talk Session, Dr. Indrajit Bhattacharyya, Assistant Professor of Chemistry, GNIT, discussed at length on '**Ecosystem Restoration: An Important Key for Better Future Sustainability**'. Dr. Sucharita Bhattacharyya, Associate Professor of Physics, GNIT, discussed the ways which we may adopt to make our campus a greener one, through her presentation – '**Guru Nanak Educational Campus as Green Campus: A Study**'. Dr. Mainak Debnath, Assistant Professor of Chemistry, GNIT, delivered an immensely informative and interesting lecture on '**Bird diversity of Some Well-known Wetland Ecosystems in West Bengal**'. The lecture series ended with the presentation entitled '**Ecosystems Restoration and Development**' by Dr. Sreyasree Basu, Assistant Professor of Chemistry, GNIT.

In phase-II, ASHU Dept. organised an online Event – "Recreate, Re- Imagine, Restore", on June 12, 2021, as a continuation of World Environment Day Celebration.

The Welcome Address was given by Dr. Sucharita Chakrabarti, HOD, ASHU, GNIT. Each student of B. Tech. 1st year, Guru Nanak Institute of Technology, participated enthusiastically by planting saplings and by participating in the online event.

In the event '**Best out of Waste**', the students recreated beautiful household décor items from coconut shells and pistachio shells; moulded glass and bowls from newspaper pulp; created origami by using newspapers. Students also crafted beautiful plant pots out of used cans of soft drinks; lampshades, multipurpose holders by rolling newspapers; and so on. Dr. Indrajit Bhattacharyya, Asst. Professor, GNIT, Dr. Sucharita Chakrabarti, HOD, ASHU, GNIT and Mr. Goutam Mandal, Asst. Professor, GNIT, coordinated the session.

In the category of '**Picture Perfect**', the students displayed breath-taking pictures of Mother Nature and her creations, captured aesthetically on their cameras. They shot a wide gamut of various landscapes, hills and vales, waterbodies, vibrant and unique flora and fauna; and so on. Dr. Mainak Debnath, Asst. Professor, GNIT, Mr. Sushanta Auddy and Dr. Sucharita Bhattacharyya, Associate Professor, GNIT, coordinated the session.

The event also had a category of Audio-Visual Presentation – '**Nurturing Nature**'. Students presented their thoughts and explorations on topics ranging from environmental hazards, climate change, global warming and the need and strategies for ecological conservation. The presentations showcased creativity, innovative thinking and even incorporated several novel audio-visual effects, and all served for consciousness raising in redressing the ecological balance.

Dr. Indrajit Bose, Asst. Professor, GNIT, Dr. Sreyasree Basu, Asst. Professor, GNIT and Dr. Soma Mukherjee, Asst. Professor, GNIT interacted with the students, coordinated and assessed the event.

Celebration of International Day of Yoga in online platform

7th International Day of Yoga (IDY, 2021) was celebrated on 21st June 2021 in the virtual platform by GNIT NSS Unit (SFU) with much enthusiasm and encouragement. The theme of this celebration was '**Be with Yoga, Be at Home!**'

The program started with the auspicious Lamp lighting ceremony followed by the welcome address by Prof. (Dr.) Santanu Kr. Sen, Principal, GNIT where he emphasized the importance of Yoga in this Pandemic situation by his illuminating words. A brief introduction about Yoga, our ancient culture was presented by Dr. Sucharita Bhattacharyya, Convener, GNIT NSS Unit and Dr. Mainak Debnath, Program Officer, GNIT NSS Unit. The Yoga Session was facilitated by Mr. Bijoy Singha Roy, Yoga Instructor & District judge of West Bengal Yoga Association followed by spectacular demonstration by the students of GNIT highlighting the Mental and Physical fitness achieving ASANAS & MUDRAS. The program brought a strong motivation towards achieving a stress free and disease-free life through '**Yoga: our ancient culture**' during this testing time and constrained life. The entire program went live on Facebook.