

#Best Practice 1#

PROJECT MENTORING BY ADJUNCT FACULTY

Objectives/intended outcomes:

- To appreciate the work done by the learners in various projects of the institute and motivate them to excel in their areas of interest and expertise.
- To ensure continuous improvement in their performance subsequently enhance employability of the learners.

Underlying principle of this practice:

Merging industry expectations and trends with theoretical syllabic knowledge.

The Context:

Adjunct faculty from diverse fields contribute to the emerging needs of higher education system and help facilitate industry-readiness of the learners in their project assignments.

Adjunct faculty will be expected to expedite the setting of workshops and labs, provide hands-on-training in the relevant domain areas, development of soft skills, and focus on ensuring competency-based learning outcomes among learners.

They are expected to interact with and supervise the research learners in their specialization or professional proficiency.

Challenging issues:

Overcoming hindrances that arise while testing products developed or during trial runs.

Ensuring faultless functioning of the product.

Preparing market-ready products and models ready for direct application to businesses or social models.

The Practice:

Stage 1: Learners identify their research domain, develop a topic of investigation and a hypothesis.

Stage 2: The adjunct faculty co-ordinates with a supervisor, a faculty member tasked to ensure smooth induction and coordination of the learners' efforts and communication with the adjunct faculty, to review the project topics and hypothesis.

Stage 3: The adjunct faculty regularly checks the progress of the projects and mentors the learners to guide them in their endeavours and acquaint them to industry expectations and standards.

Stage 4: Participants of this research endeavour are trained and compete to present research projects that are solutions to social and technical problems encountered.

Uniqueness:

The adjunct faculty member is an expert working in the industry and acquainted with all verticals that surround and engage with the field. The guidance provided, therefore, is recent,

constructive and prepares the learners to develop an aptitude for research that the industry needs. Learners also develop collaborative skills and idea generation.

Constraints/limitations faced in designing and implementing:

- Ensuring smooth transition from offline to online for viva and optimising the platform to effectively conduct viva.

Evidence of Success:

18	A Study on Worklife Balance of Pavement Vendors in Mumbai	Lubna Merchant	Inter-Collegiate Project Exhibition "Tantravihar 2019-20"	06 th March 2020	TYBMS Sem VI
19	To study the role of Student Council in shaping a student's career	Riya Khanna	Inter-Collegiate Project Exhibition "Tantravihar 2019-20"	06 th March 2020	TYBMS Sem VI
20	Challenges faced by Diyang's in Mumbai	Samreen Wadiwale & Fathimalubna Merchant	Presented in Avishkar	22-10-2019	TYBMS HR
21	Impact of digitilization on Taxation system in India	Amman Siddiqui & Kajal Gupta	Presented in Avishkar	22-10-2019	TY BAF B & SY BAF C
22	A Study of education & employment opportunities for Kinner	Nishi Chopra and Jhalak Sukhadia	Presented in Avishkar	22-10-2019	TYBMS Mktg
23	To study Awareness of retirement planning amongst urban youth	Saurabh Kokane	Presented in Avishkar	22-10-2019	TYBMS Fin
24	To Study the investment planning in stock market of young generation	Anjali Pandey	Presented in Avishkar	23-10-2019	TYBMS Fin
25	Taking the law into our own hands: female vigilantism in India	Yutika Sawant & Ankita Karande	Presented in Avishkar	23-10-2019	Student -SY BAF (B)
26	A study on Vocational Education to child labour	Shahrukh Ahmed, Simam Kesharwani & Sara	Presented in Avishkar	23-10-2019	TY BAF B & SY BAF C
27	A Study on Organ Donation	Deepshika sharma & Abidha Sheikh	Presented in Avishkar	23-10-2019	TY BAF B & SY BAF C

10	Pressure based Air filtering street lamp module	Vaibhav Parab (MSc IT) & Prasad Nayak (MSc IT)	V-Search	29th February 2020	MScIT
11	Previsioning Hard Disk Drive failures using logistic Regression	Vishak Gopikumar (SY BSc IT) & Mehlul Shah (SY BSc IT)	V-Search	29th February 2020	SYBScIT
12	A study on education and employment opportunities for Kinner in Mumbai	Nishi Chopra (TY BMS) & Jalak Sukhadia	V-Search	29th February 2020	TYBMS
13	A study related to locomotive challenges faced by Divyang's in Mumbai	Lubna Merchant & Samreen Faizahmed	V-Search	29th February 2020	TYBMS
14	Unlocking the wealth of Futuristic Business Opportunities in Thane Disdriect	Sakshi Jaiswar, Aman Nahar & Karan Mastram	V-Search	29th February 2020	TYBMS
15	"RFID billing System"	Ayesha Shaikh and Neha Ghanawat TYBScIT Sem VI	Inter-Collegiate Project Exhibition "Tantravihar 2019-20"	06 th March 2020	TYBScIT Sem VI
16	"Android Alarm System"	Rashi Chavan and Shailja Gowda TYBScIT Sem VI	Inter-Collegiate Project Exhibition "Tantravihar 2019-20"	06 th March 2020	TYBScIT Sem VI
17	To analyse the promotional strategies implemented by the Organic Industry in Mumbai.	Nisha Chopra	Inter-Collegiate Project Exhibition "Tantravihar 2019-20"	06 th March 2020	TYBMS Sem VI

Sr. No.	Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
1	Agribot	Mulla Muwaj Tajuddin and Kashavena Vandana Krishnarao	Selection Round of Avishkar 2019-20 by University of Mumbai	14-Dec-19	TYBScIT
2	Digital fuel meter and usage analyser	Mithaiwala Mansoor Mustansir and Yadav Nisha Shrivankumar	Selection Round of Avishkar 2019-20 by University of Mumbai	14-Dec-19	TYBScIT
3	Object Detection for Child education using AI	Tripathi Suraj Umashankar and Kadu Rasika Ramesh	Selection Round of Avishkar 2019-20 by University of Mumbai	14-Dec-19	TYBScIT
4	Smart Robot Companion	Ambre Nishant Anil and Nangare Srushti Sushil	Selection Round of Avishkar 2019-20 by University of Mumbai	14-Dec-19	TYBScIT
5	Automatic Question Paper Generator using Question Bank	Yogesh Rana (TYBScIT) Devi Sachidanandan (TYBScIT)	Abhivaykti 2019 at Usha Mittal Institute of Technology, SNTD	27 & 28 Sept 2019	TYBScIT Sem VI
6	Haptic Proximity Module with Real- time GPS tracking	Rajas Chidrawar (TYBScIT) Abhishek Parab (TYBScIT)	Inspiron 2K19 at OES's Sanpada College of Commerce & Technology	7 Dec 2019	TYBScIT Sem VI
7	Smart Robot Companion	Nishant Ambre (TYBScIT) Srushti Nangare (TYBScIT)	Technovanza at VJTI	27 & 28 Dec 2019	TYBScIT Sem VI
8	Suspicious Activity Detection through CCTV	Saurabh Meher (TYBScIT) Adarsh Singh (TYBScIT)	Techstar 2020 at Elphinstone College	9 Jan 2020	TYBScIT Sem VI
9	Smart Sewage Cleaning System	Gauri Nagre (TYBScIT) Misba Manekia (TYBScIT)	Syn Tech -X 19-20 at R.D. National College	13 & 14 Jan ,2020	TYBScIT Sem VI

28	A study on Imparting Sexuality education in educational institution	Kushum Mehra & adhit Keny	Presented in Avishkar	23-10-2019	TY BAF B / TY BFM
29	Skill India Development Programme	Bharavi Dabhul	Presented in Avishkar	24-10-2019	TYBMS Mktg

#Best Practice 2#

SOCIAL INITIATIVE

Objectives/intended outcomes:

- To provide students opportunities to learn in a developing environment, with the required expertise and resources and to heartily use these skills and knowledge to ensure benefit to self and society.
- To help them apply what they learn with humility and wisdom, so that the result will be socially productive.

Underlying principle of this practice:

Service to society and uplifting those in need is the core principle of human morality and collective development.

The Context:

Students and faculty co-ordinators participate in various social initiatives that the National Social Service committee identifies and endeavour to, through their actions as volunteers, help in the upliftment of people and betterment of society. The students also work to produce environmentally friendly alternatives as part of their responsibility as eco-conscious individuals. Faculty co-ordinators and experts who are roped into select sessions ensure that student volunteers are sensitised, trained to understand the activity and the local population and informed about their responsibility as volunteers in social service.

Challenging issues:

While student participation is quite active on-site, often one of the major challenges that arise is the adaption to the local population on-site. With time and guidance, participants of social service and the locals are acquainted with each other, and this helps in ensuring co-operation and optimum participation by volunteers, social groups involved and the co-ordinators.

At time, parents/guardians are hesitant to permit their child/ward to engage in select social initiatives due to worry of their child/ward's comfort with unfamiliar environments.

The Practice:

Stage 1: The co-ordinator of the National Service Scheme body in the institute and other faculty co-ordinators identify social initiative programmes that are apt i.e., programmes where voluntary participation can generate constructive and maximum participation.

Stage 2: Volunteers register for the programme and faculty co-ordinators are assigned programmes to guide student volunteers. Faculty co-ordinators also co-ordinate with social groups that are involved in the activity.

Stage 3: For programmes that are on the field, student volunteers and faculty co-ordinators commute to the site after co-ordination of their schedules and work together to make a difference. For programmes that are of a longer duration such as a more than 2 days or a week, experts are roped in to conduct workshops and training programmes to groom students as empathetic humans.

Uniqueness:

Social initiatives bring participants closer to real-world issues and the experience of volunteering and working with social groups and the local population make participants better aware of the different effective ways in which social service can be implemented. Participants become more aware and sensitive to humanitarian issues.

Constraints/limitations faced in designing and implementing:

In comparison to the total strength of the learners enrolled at the institute, the number of student volunteers that actively participate in such initiatives is quite low and encouraging registration and active participation remains a considerable limitation.

Evidence of Success:



राष्ट्रीय सेवा योजना
NATIONAL SERVICE SCHEME

VSIT | Vidyalankar School of
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NAAC ACCREDITED COLLEGE

BEACH CLEANING AT DADAR

Average 20-22 volunteers per drive
Duration: 14/04/2019 to 18/02/2019
No. of drives : 16 drives





Description: The volunteers used to clean the Beach at Dadar Beach and Mahim creek with Beach Please Organization.

NATIONAL SERVICE SCHEME

12/14



BEACH CLEANING AT MAHIM CREEK

Average 20-22 volunteers per drive
Duration: 14/04/2019 to 18/02/2019
No. of drives : 13 drives



Description: The volunteers used to clean the Beach at Dadar Beach and Mahim creek with Beach Please Organization.

NATIONAL SERVICE SCHEME



MANGROVE'S CLEANING

Average 18-20 volunteers
Dates: 13/07/2019 & 28/12/2019
Total 2 drives are done.



Description: The volunteers used to clean the Mangrove Plants at Carter Road with Beach Please Organization.

NATIONAL SERVICE SCHEME



NIRMALAYA COLLECTION

Total 33 volunteers Male=14 Female=19
Date: 03/09/19
Total 1 drive is done.



Description: The volunteers used to clean the Beach & collect the nirmalaya from Ganapati Statues at Dadar Beach with United Ways Organization.

NATIONAL SERVICE SCHEME



TREE PLANTATION AT AAREY COLONY

Total 38 volunteers
Male=18 Female=20
Date: 14/07/2019



Description: Tree Plantation was done Aarey Colony where sampling of various species were planted. Total 96 sampling were planted.

NATIONAL SERVICE SCHEME



TREEPLANTATION AT RABALE

Average 31 volunteers
Average Male= 10 Average Female=21
Date: 21/04/2019 & 05/06/2019 & 06/07/2019
Total 3 drives are done.



Description: Tree Plantation was done Rabale where sampling of various species were planted. Total 183 sampling were planted.

NATIONAL SERVICE SCHEME



TREEPLANTATION AT SANJAY GANDHI UDYAN

Total 32 volunteers
Male= 16 Female=16
Date: 28/07/2019



Description: Tree Plantation was done Thane where sampling of various species were planted. Total 100 sampling were planted.



NATIONAL SERVICE SCHEME



WALL PAINTING AT DADAR STANTION

Average 7-8 volunteers (including Males & Females) were participated in the activity.
Date: 03/06/2019 & 04/06/2019



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Description: Wall painting was done at Dadar Railway Station on the theme of World Environment day total 6 wall were painted.

NATIONAL SERVICE SCHEME



WALL PAINTING ON ROAD SAFETY

Average 7-8 volunteers.
Date: 07/06/19 & 08/06/19
Total 4 walls were painted.



Description: Wall painting was done at Dadar Railway Station on the theme of Road Safety.

NATIONAL SERVICE SCHEME



STREET PLAY ON ROAD SAFETY

Average 12-15 volunteers
Dates: 16/01/2020
Total 2 Street plays are done.



DESCRIPTION : Awareness regarding Road Safety was created by NSS volunteers during Road Safety Week.

NATIONAL SERVICE SCHEME



STREET PLAY DURING GANESH MANDAL'S

Average 12-15 volunteers
Duration: 02/09/19 to 08/09/19
Total 26 Street plays are done



DESCRIPTION : Awareness regarding Plastic Ban was created by NSS volunteers during Ganesh Utsav at different Ganpati mandal's all over Mumbai.

NATIONAL SERVICE SCHEME



STREET PLAY DURING NAVRATI UTSAV

Average 12-15 volunteers
Duration: 31/09/19 to 02/10/19
10 Street plays are done



DESCRIPTION : Awareness regarding Plastic Ban was created by NSS volunteers during Navaratri Utsav at different mandal's all over Mumbai. Total

NATIONAL SERVICE SCHEME



PAPER BAG ACTICITY

Average 15-18 volunteers
Duration:
15/05/2019 To 30/05/2019 (15 Drives)
31/10/2019 To 7/11/2019 (7 Drives)



Description: The Volunteers used to make paper Bags everyday in college campus and distributed these bags to Shopkeepers Near college campus to reduce the use of plastic.

NATIONAL SERVICE SCHEME



NOTEBOOK MAKING

Average 18 volunteers
Dates: 02/08/19 to 10/08/19(9 Drives)
31/10/19 to 10/11/19 (11 Drives)



Description: The Volunteers made around 380 Notebooks from half unused books and distributed it to school children when the volunteers visited Shantivan Ashram.

NATIONAL SERVICE SCHEME



PLASTIC COLLECTION DRIVE

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Average 8 volunteers
Venue: Sangam Nagar and near College Area
Time: 10am to 11am & 2pm to 3pm
Benefits: 336KG
Total 3 Drives



Description: Our Volunteers Collected Plastic from near College Area and also Collect the Plastic from home and also collected during Beach Cleaning

NATIONAL SERVICE SCHEME



TRAFFIC CONTROLLING

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Average 30 volunteers.
Date: 12/09/2019
21/10/2019



Description: Volunteers helped Wadala Police to Control the crowd during Ganapati Visarjan & Election.

NATIONAL SERVICE SCHEME



POLIO DRIVE

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Average 35 volunteers
Total 3 Drives were done.
Total Beneficiaries= 6168



Description: In this activity the volunteers helped the nurses to go in surrounding area to aware residential people about polio & also helped them in immunization drive.

NATIONAL SERVICE SCHEME



EDUCATION ACTIVITY

Average 12-15 volunteers
Total 53 students were benefited



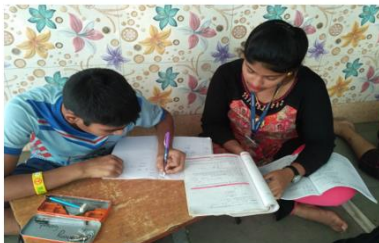
Description: The Volunteers used to go Carter Road where they taught the children all the school subjects and help them clear their doubts.

NATIONAL SERVICE SCHEME



EDUCATION ACTIVITY

Average 8 volunteers(including Males & Females) were participated in the activity.



Description: The Volunteers used to go to Shelter Don Bosco where they taught the children all the school subjects and help them clear their doubts.

NATIONAL SERVICE SCHEME



DISASTER MANAGEMENT SESSION

10 volunteers
Male=5 Female=5
Date: 24/01/2020



Description: Volunteers attended the Disaster management workshop organized by Safe Kids Foundation.

NATIONAL SERVICE SCHEME



SESSION ON ORGAN DONATION

Total 15 volunteers
Total 2 Sessions were conducted.
Dates: 23/11/2019 & 21/01/2020



Description: Volunteers attended training session on organ donation by Tej Pal Singh Sir in College. Volunteers now spreading awareness about organ donation in college campus.

NATIONAL SERVICE SCHEME



SESSION ON MALNUTRITION

Total 29 volunteers
Total 2 Sessions were conducted.
Dates: 10/1/2020 & 11/1/2020
29 Volunteers were benefited.



Description: Volunteers attended Malnutrition Session in College Campus

NATIONAL SERVICE SCHEME



BLOOD DONATION CAMP

Average 12 volunteers
Total 14 Drives were done.



Description: The volunteers used to help the doctors for registration and certification of the blood donors. Some volunteers also donated blood.

NATIONAL SERVICE SCHEME



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MORNING PRAYER & EXERCISE



NATIONAL SERVICE SCHEME



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COOKING, LUNCH & DINNER



NATIONAL SERVICE SCHEME



FIELD WORK:- POND MAKING

Volunteers made pond for the collection of rain water.
The pond was made by digging the plane dry surface.
Volunteers also cleaned the dry grass over the surface.
Deep- Half Feet
Radius- 13M



NATIONAL SERVICE SCHEME



FIELD WORK:- POND MAKING

BEFORE



AFTER



NATIONAL SERVICE SCHEME



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FIELD WORK:- POND MAKING

BEFORE



AFTER



NATIONAL SERVICE SCHEME



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ADVENTURE TREK AT CAMP SITE



NATIONAL SERVICE SCHEME



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EDUCATION ACTIVITY AT CAMP SITE

Volunteers were teaching basic English to the Village students at camp site.
Average 35 Students were benefited.



NATIONAL SERVICE SCHEME



CULTURAL DAY



NATIONAL SERVICE SCHEME



SHANTIVAN VISIT

Total 110 volunteers (including Males & Females) were participated in the visit.
Dates: 12/8/2019



Description: Volunteers visited Shantivan Ashram and performed various activities cultural programs for childrens and also our volunteers communicated with the Leprosy patient.

NATIONAL SERVICE SCHEME



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MANI BHAVAN VISIT

Total 50 volunteers (including Males & Females) were participated in the visit.
Dates: 1/10/2019



Description: On the occasion of the 150th Anniversary of Mahatma Gandhi Jayanti VSIT NSS UNIT visited Manibhavan Gandhi Sangrahalaya, Grant Road on 1st October 2019.

NATIONAL SERVICE SCHEME



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BOTTLE FOR CHANGE WORKSHOP



NATIONAL SERVICE SCHEME



YOUTH FOR CHANGE



NATIONAL SERVICE SCHEME