

Shivaji College, University of Delhi

Extension Activities for 2015-2016

1. On September 7th, 2015, a “Pledge to Plant, Adopt & Protect a Tree Campaign” was organized in which Poster Making and Slogan Writing competitions were organized for the students of different courses. Apart from this, a signature campaign was launched for college teaching and non-teaching staff.
A Plantation Drive was also organized in the college campus by NSS to work for social and environmental good.



2. A **Blood Donation Camp** was organized in the college premises by NSS unit in collaboration with MJJ Blood Bank on June 17, 2015



3. **DST INSPIRE Internship Science Camp** from December 19-23, 2015.

A five-day Science camp from December 19-23, 2015 sponsored by DST INSPIRE Scheme and organized by Department of Biochemistry, Department of Botany, Department of Chemistry, Department of Computer Science, Department of Mathematics, Department of Physics and Department of Zoology for school students. A total of 200 students participated in the programme belonging to different schools of Delhi and affiliated to CBSE, New Delhi with involvement of 60 teachers of college.



Innovation in Science Pursuit for Inspired Research (INSPIRE) is an innovative programme sponsored and managed by the Department of Science and Technology. This programme is organised in collaboration with Shivaji College. The objective of this programme is to orient young minds to the excitements of creative pursuit of science. This programme was conceptualised with the agenda to attract young talents to the study of science at an early age. INSPIRE Internship Program motivates intelligent and inquisitive students to pursue careers in natural sciences and thereby strengthening the National Science and Technology base in India. Fascinating lectures, hands-on experience in state-of-the-art science laboratories, and visits to organisations of international repute in Delhi comprise such science camps. Many students from reputed school eagerly enrol for this joint venture of Shivaji College and Department of Science and Technology.

4. A Cancer Awareness Program was organized on January 20, 2016, so that many misconceptions regarding the disease could be questioned and negated.

Cancer Awareness Program - January 20, 2016

CANCER AWARENESS PROGRAMME

A Cancer Awareness Programme will be organized in the college on 20th January, 2016 at 10:30 am in the Auditorium.

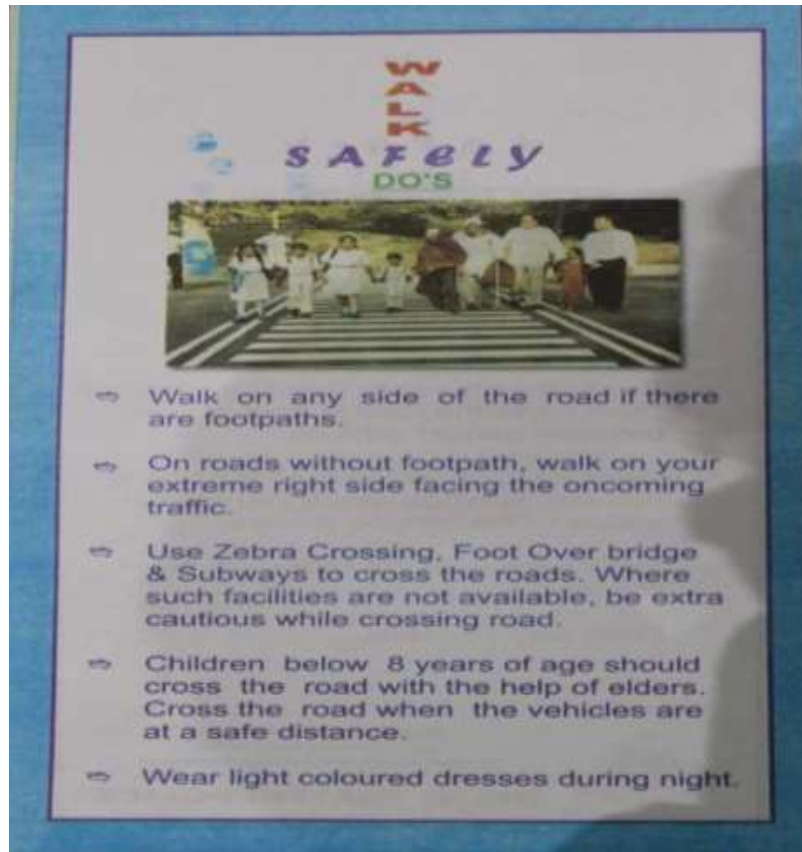
All volunteers of NSS and WDC ~~are~~ should be present at the meeting.

All teachers, along with their students, are also requested to be present in the Programme.

Mridula
12/1/2016
(MRIDULA BUDHRATA)




NSS - INCHARGE

5. A Road Safety Awareness Campaign was organized in March 2016 in the nearby areas of college to spread awareness regarding wearing helmet during driving motorcycles.




6. National Seminar on “Woman, Crime and Law: Protection or Assertion?” was organized on 31st March 2016, during which Jijabai Awards were given to five achievers who have worked towards the cause and development of society at the grass root level. A panel discussion on “Woman, Crime and Law: Is it about Protection or Assertion?” was organized as part of the event.

Women, Crime and Law: Protection or Assertion - March 31, 2016




Shivaji College
NAAC ACCREDITED "A" GRADE
(University of Delhi)

WOMEN DEVELOPMENT CELL
organises
National Seminar
ON
WOMEN, CRIME & LAW: PROTECTION OR ASSERTION?



सत्यमेव जयते



Inaugural Speaker: Ms. Anju Pandey
Programme Head
(Ending Violence Against Women),
UN Women NCO for India, Bhutan, Maldives and Sri Lanka

Chief Guest for Jijabai Awards: Ms. Swati Maliwal
Chairperson, Delhi Commission for Women

Time	Programme
10:00-11:00	Inauguration & Book Release
11:00-13:00	Panel Discussion on "WOMAN, CRIME AND LAW: IS PROTECTION OR ASSERTION?"
13:00-14:00	Lunch
14:00 onwards	Jijabai Awards followed by: स्वयंसिद्धा (Theme Dance Recital by Shivaji Students)

Date: 31st March 2016 Venue: College Auditorium

Sponsored
by
University Grants Commission

Ms. Nishtha Srivastava Dr. Shashi Nijhawan
Convenor Principal

Extension Activities for 2016-2017

1. Kisan Jagrukta Karyashala on September 28, 2016

Under the scheme of DU Scheme of Innovation Projects, Dr. Shashi Nijhawan, Dr. Kiran Bamel and Dr. Aeshna Nigam from Department of Biochemistry, Department of Botany and Department of Zoology, respectively, organized a workshop Kisan Jagrukta Karyashala in Najafgarh area on September 28, 2016 to create awareness among farmers and educate them about use of pesticides.



सावधान: नदी है खाने लाय एनसीआर में उगाई जाने वाली सब्जियाँ

विभिन्न नदियों के किनारों पर उगाई जाने वाली सब्जियाँ खाने से स्वास्थ्य के लिए खतरा है। एनसीआर में उगाई जाने वाली सब्जियाँ में जहरीले धातु और कीटनाशकों का प्रयोग होता है, जो खाने से स्वास्थ्य के लिए खतरा है।

दूषित पानी से सिंचित सब्जी में मिले कीटनाशक

एनसीआर में उगाई जाने वाली सब्जियों में कीटनाशकों का प्रयोग होता है, जो खाने से स्वास्थ्य के लिए खतरा है।

कीटनाशकों के इस्तेमाल से बचें किसान

किसानों को कीटनाशकों के इस्तेमाल से बचने के लिए जागरूक करना है।

अध्यापक-छात्रों का शोध, एनसीआर के खेतों में धातु, कीटनाशक का ज्यादा प्रयोग

एनसीआर में उगाई जाने वाली सब्जियों में धातु और कीटनाशकों का प्रयोग होता है, जो खाने से स्वास्थ्य के लिए खतरा है।



Pesticides levels in Najafgarh vegetables were lower than the winter vegetables but still above the CODEX permissible levels. The vegetables in Azadpur mandi contained high levels of *d*-DCH, an isomer of lindane, which deposits and accumulates in the adipose tissue of our body. It is not as toxic as lindane but since it keeps accumulating in the body it might have a long-term effect on the body.

8. Innovations shown by the project: Lab to land

On the basis of the alarming levels of heavy metals and pesticides detected in the vegetables collected from Najafgarh it was decided by the students and project investigators to hold a workshop 'Kisan Jagrukta Karyashala' in Najafgarh area on 28th September, 2016 to create awareness among the farmers of the current situation and educate them about the use of pesticides in correct amount. For this two of the well-known horticulturalists Prof. J.K. Nangal and Dr. Jitender Bamel were invited from Haryana Agricultural University. The team shared with them the findings of the project. They were educated of the right amount of pesticides that should be sprayed. Moreover they were made aware of the health implications of the heavy metals and pesticides in vegetables, which are also consumed by their family members. The workshop was a much success and gained much media coverage.



The team



Comparative Analysis Of Heavy Metal Toxicity And Pesticide Contamination In Vegetables Collected From Local Sites And Organic Stores In Delhi



Farmers were asked some basic questions regarding their knowledge about use of pesticides and presence of heavy metals in soil, water and the vegetable they grow. Their response through a questionnaire indicate their ignorance towards some very simple but important issues. Thirty-six farmers from Najabgarh area villages were the subjects. The filled in questionnaires are attached in the annexure. One filled questionnaire is as follows:

Signature

UNIVERSITY OF DELHI, KILBY GARDEN, NEW DELHI-110008
 SHC-313 Comparative analysis of heavy metal toxicity and pesticide contamination in vegetables collected from local sites and organic stores in Delhi

Questionnaire


Do you know about soil and water testing? *NO*
 Is it essential? *YES*
 Is it compulsory for farmers? *YES*
 Do you give a nitrogen in a planting cycle? *NO*
 Do you have more soil and water? *YES*
 Do you have other soil & water testing and analysis? *NO*
 Do you ever conduct any scientific testing? *YES*
 Do you know the crop? *YES*
 Are you aware of the decomposition of fertilizer? *YES*
 Do you have the right time of sowing? *YES*
 Do you use fertilizer regularly? *NO*
 Do you use human excrement?
 Do you use excrement coming from other farmlands? *YES*
 Do you use any inorganic or de-water fertilizer? *NO*
 Are pesticides of your knowledge or your testing? *NO*
 Do you know about the human pesticides? *NO*
 How many times you spray pesticides for the crop? *2-3*
 Do you use a pesticides before applying any pesticides? *NO*
 Are pesticides of biopesticides/chemical pesticides? *Yes NO*
 Do you use biopesticides? *NO*
 Are pesticides an essential part of your crop? *YES*
 Is there any specific disease for which you apply these things in your crop? *NO*

2. A **Traffic Awareness Programme** was organised by NSS in coordination with Delhi Traffic Police on August 20th, 2016. It was held in coordination with Delhi Traffic Police. The traffic police personnel taught our students about the traffic rules to ensure safety on roads. After the presentation, about 90 NSS Volunteers along with teachers interacted with commuters on different traffic points.



3. NCC cadets and NSS members participated in **Swachhata Pakhwada** on August 29-30th, 2016 with the aim to clean the College and nearby places. Volunteers of NSS, Shivaji College organized Cleanliness campaign on August 29th - 30th, 2016. Volunteers cleaned the footpaths and walls around the college. They were provided with proper equipments such as hand gloves, face masks, etc. to maintain their hygiene level. The garbage was then disposed of properly. The main aim of the campaign was to propagate the national-wide “Swachh Bharat” campaign.

Swachhata Pakhwada (8/29/2016)



Shivaji College

NAAC accredited 'A' grade
(University of Delhi)

is organising

CLEANLINESS CAMPAIGN

as part of Government of India Initiative

SWACHHTA PAKHWARA



29th August and 30th August , 2016

Chief Guest for Inauguration
Mr. Shyam Sharma (Mayor, MCD South)
Time: 10 a.m., 29th August, 2016

Events : (1) 'Cleanliness Drive' on 29th August, at 11 a.m.
(2) 'Run for Cleanliness' on 30th August, at 10 a.m.

Student Competitions:

- Slogan Writing Competition: 29th August, 2016 at 10.30 a.m. (On the spot registration)
- Short Film making Competition on the theme 'Swachh Bharat'. For registration, contact Mr. Ankush (9738845129).
Film to be submitted before 30th August, 12 noon. For details refer to www.shivajicollege.ac.in

Organiser
Dr. Aparna Jain
9868416085

Clean Campus Committee, NCC, NSS, Sports Committee

Patron
Dr. Shaahi Nijhawan
Principal



4. As per tradition, the Garden Committee and Eco Club of Shivaji College celebrated “Vanmahotsav” by organizing a **Plantation Drive** on occasion of Teacher’s Day, September 5th, 2016, for encouraging the faculty and students to plant trees in their backyard.



Highlights of the event :

- “Pledge and plant” a sapling in the college lawns
- On the spot “Slogan writing” competition, open for all
- Staff and students are encouraged to donate and plant a sapling



5. The NSS Unit of Shivaji College organized a campaign against **Drug addiction** on Niswarth Seva Diwas, September 22, 2016.

The programme was started by discussing the habits of alcoholism and smoking among the youth, after which around 90 NSS volunteers walked towards the slum area of Raghbir Nagar. The zealous team of our students and teachers interacted with the people of Raghbir Nagar. Many people admitted about the consumption of drugs. The students taught them about the harm caused by the consumption of drugs on family, society and children.



NATIONAL SERVICE SCHEME, SHIVAJI COLLEGE
celebrates
NSS Day
as
"Niswarth Sewa Diwas"
Theme: ill-Effects of Drug Addiction

— Programme Schedule —

- ❖ Slogan Writing Competition : 10 am - 12 o' clock
Venue: In front of Principal's Office.
Topic: Drug Thrills, But Kills
- ❖ Inauguration: 11.00 am
Venue: Back Stage
- ❖ Awareness Rally - 12.30 pm
From Shivaji College to Raghbir Nagar

Organiser
Dr. Mridula Budhraj
NSS Convener

Patron
Dr. Shashi Nijhawan
Principal

6. The NSS volunteers along with volunteers of Leaders for Tomorrow organised a rally **Cleanliness Drive and Awareness** from Shivaji College to Raghbir Nagar on 21st October, 2016.

Around 70 volunteers cleaned the roads of Raghbir Nagar and imparted the information about importance of clean surroundings. Volunteers and teachers interacted with the residents of Raghbir Nagar. The residents were asked about their problems and given all the possible solutions to tackle them.



7. **Voluntary Blood Donation camp** was organized by the NSS team in collaboration with Rotary Club on November 8th, 2016. at Shivaji College. Students of the College (including NSS volunteers) and faculty members came forward in large numbers and donated blood. Around 60 volunteers were part of this campaign. Volunteers stood for a noble cause which saves lives of many.



Blood Donation Camp in collaboration with Rotary Club on 08/11/2016



8. DST INSPIRE Camp for School Children from December 14-18, 2016

A five-day Science camp from December 14-18, 2016 sponsored by DST INSPIRE Scheme and organized by Department of Biochemistry, Department of Botany, Department of Chemistry, Department of Computer Science, Department of Mathematics, Department of Physics and Department of Zoology for school students. A total of 200 students participated in the programme belonging to different schools of Delhi and affiliated to CBSE, New Delhi with involvement of 55 teachers of college.



The poster features a dark blue background with a geometric pattern of triangles. At the top left is the Shivaji College logo, a circular emblem with a book and a lamp. At the top right is the INSPIRE logo, a circular emblem with a hand holding a plant. The text is centered and reads: 'Shivaji College' in a white script font, followed by '[Accredited with Grade 'A' by NAAC- 2015]' in yellow. Below that is 'University of Delhi' in white. The main title 'INSPIRE SCIENCE CAMP' is in large, bold, yellow letters. Underneath is '(Innovation in Science Pursuit for Inspired Research)' in white. The dates 'December 14-18, 2016' are in white. In the center is the State Emblem of India, featuring the Lion Capital of Ashoka with the motto 'Satyameva Jayate' below it. Below the emblem is 'Department of Science & Technology (DST), Govt. of India' in white. The eligibility criteria are in yellow: 'Eligibility Criteria: Students pursuing Science stream in Class XI and have passed class X with $\geq 93\%$ in CBSE/ $\geq 95\%$ in ICSE.' At the bottom are three names and titles: 'Dr. Sunita Singh Coordinator', 'Dr. Darshan Malik Co-coordinator', and 'Dr. Shashi Nijhawan Principal'.

 *Shivaji College*
[Accredited with Grade 'A' by NAAC- 2015]
University of Delhi



INSPIRE SCIENCE CAMP
(Innovation in Science Pursuit for Inspired Research)

December 14-18, 2016


सत्यमेव जयते

Department of Science & Technology (DST), Govt. of India

Eligibility Criteria: Students pursuing Science stream in Class XI and have passed class X with $\geq 93\%$ in CBSE/ $\geq 95\%$ in ICSE.

Dr. Sunita Singh
Coordinator

Dr. Darshan Malik
Co-coordinator

Dr. Shashi Nijhawan
Principal

GROUP PHOTOGRAPH OF INSPIRE INTERNSHIP SCIENCE CAMP 2016



INAUGURAL SESSION



REGISTRATION



HANDS ON TRAINING SESSION

Physics Lab.



HANDS ON TRAINING SESSION

Chemistry Lab.



HANDS ON TRAINING SESSION

Biology Lab.



HANDS ON TRAINING SESSION

Computer Science Lab.



9. Cashless Transaction Training Under Vittiya Saksharta Abhiyan

A training session on cashless transactions was organized on January 3rd, 2017 for NCC cadets. Thereafter, cadets went to nearby market to create awareness amongst shopkeepers and customers about digital transaction & cashless economy.

Cashless Transaction Training



10. PEHAL: Ek Prayaas (Education Campaign) from 18th January - 20th February, 2017

PEHAL: Ek Prayaas is a "pehal" taken by our NSS volunteers. It was an education drive in which volunteers devoted two hours daily for providing better quality education to under-privileged children of Raghbir Nagar (slum area).

The students came five days a week and were taught Science, Maths, English, Hindi, Social Science, G. K. with extra-curricular activities also. Refreshments were provided after every session, which included rice, biscuits, fruits and chocolates.

Pehel – Ek Pravas (2017)



11. A one-day programme was organised in the College campus to create **Environmental Awareness on Fuel Conservation** on February 14th, 2017. The programme included various activities like T-shirt painting, Placard writing, Sticker making and a signature Campaign - Save Fuel for Better and Safe Future. A project on Car pool: A sustainable option was also launched. A mobile based app for the same is under consideration. A march toward ring road was also organized to spread awareness in public.

Environmental Awareness on Fuel
Conservation – 14/02/2017



12. **Nishkaam: Health Camp, Book Distribution, Langar** was organized on February 20th, 2017 for the underprivileged children from Raghubir Nagar. Volunteers entertained the children with a dance performance and a skit, and also held many competition events for these children.

Annual Fest (Langar) – ‘Nishkaam’ – 20/02/2017



Annual Fest (Pehal: Ek Pravaas a campaign) – ‘Nishkaam’ – 20/02/2017



13. **Health and Hygiene Campaign** was organised by Lions International Club Delhi on February 17th, 2017. Dentists medically examined all the kids of Raghbir Nagar and NSS volunteers. Two PPTs by NSS volunteers also discussed about daily hygiene and ill-effects of unhygienic living conditions. At the end of the event Langar was organized and volunteers happily served the kids.

**Health and Hygiene Campaign was organised by Lions International Club,
Delhi – 2017**



Department of Geography- February, 2017

Water conservation and maintaining conventional water harvesting techniques: 3 days campaign in Beetan village, Nagaur as Part of Innovation Project

जल संरक्षण को लेकर किया जाग्रत



कुचामन सिटी। शहर के दीपपुरा ग्राम पंचायत में शुरुवार को दिल्ली से आये डी यू यूनिवर्सिटी से सम्बन्धित शिवाजी कॉलेज की 10 सदस्यीय टीम ने गांव में जल संरक्षण को लेकर जगह-जगह ग्रामीणों तथा गांव की विद्यालय के छात्र-छात्राओं को जाग्रत किया। इस टीम में

सहायक आचार्य भरतरु के साथ ग्राम दीपपुरा में पानी को बचाने के बारे में ग्रामीणों को जानकारी प्रदान की तथा बताया कि आधुनिक दौर में कुओं तथा ट्यूबवैल से सतमसौबल पम्पसेट से जो पानी निकाला जा रहा है उसके कारण पानी का फिजूल में बहुत अधिक दोहन हो रहा

है जिसके कारण वर्तमान समय में राजस्थान के साथ-साथ कई राज्यों में पानी की भयंकर किल्लत चल रही है। टीम ने स्कूली बच्चों को बताया कि अपने घर में पानी का संरक्षण करने के लिए पानी को फिजूल में नहीं गंवायें तथा जितनी जरूरत हो उतना ही काम में लें। इससे पूर्व दिल्ली से आई टीम ने जैसलमेर, जोधपुर, बीकानेर तथा अब नागौर दौरे पर अपना काम कर रही है जिसमें कुचामन पंचायत समिति के ग्राम खारीबा में विद्यालय के अध्यापकों व बच्चों को पानी बचाने व संरक्षण करने के लिए कहा की एक टीम के रूप में काम कर जनता को इस तरफ जाग्रत करे जिसके कारण भविष्य में पानी के लिए लड़ना नहीं पड़े।



15. The Gender Fair event organized by WDC on February 2nd -3rd, 2017 with the theme 'Being a Woman' felicitated individuals who had worked for women safety, health, social security, education, and skill enhancement. The recipients of the Jijabai Achievers' Awards for the year were: Dr. Rani Bang, Social Activist and researcher working for community health in Gadchiroli; Dr. V. Rukmini Rao, Executive Director, Gramya Resource Center for Women; Ms. Chetna Gala Sinha, Founder/Chair, Mann Deshi Bank
Ms. Manjula Pradeep, Former Executive Director, Navsarjan; Ms. Binalakshmi Nepram, Founder, Manipuri Women Gun Survivor Network, Manipur (MWGSN); Sh. Ajeet Singh, Director and Founder, Guria; Dr. Chhavi Rajawat, Sarpanch, Village Soda, Rajasthan.

Gender Fair: February 2-3, 2017



Extension Activities for 2017-2018

1. A **Tree Plantation Drive** was organized in college campus by NCC to mark the Independence Day Celebrations on August 15, 2017.

Tree Plantation



2. As per tradition, the Garden committee of Shivaji college celebrated “A **Plantation Drive** for planting Rudraksha” saplings on occasion of Teacher’s day on September 5, 2017. Mrs. Sarita Jindal, MCD Councillor, Vikas Puri was invited as the Chief Guest. Even faculty members, non-teaching staff and students planted saplings of medicinal plants.

Vanmahotsav- September 5, 2017



3. Under **Swachhata Pakhwara**, a rally was conducted near college area to create awareness among people about cleanliness and its benefits on September 15, 2017.

Swachhata Pakhwara- September 15, 2017



4. A street play on the **awareness of ill effects of alcoholism** was conducted by NSS Shivaji College at Raghbir Nagar on September 18, 2017. It received much attention from the local people as they were able to relate to the social issues of alcoholism. Children and women showed enthusiasm as the play proceeded. Towards the end, the public requested the play to be performed in nearby areas to continue educating the masses on the ill effects of alcohol.

A Street Play on the Awareness of Ill-Effects of Alcoholism - 2017



5. NSS Shivaji participated in the campaign, Rally for Rivers in association with ISHA Foundation on September 24, 2017.

Shivaji College has extended the best support to the campaign “**Rally for Rivers**”. Sadhguru, founder of the ISHA Foundation, decided to take a step forward to tackle the situation of water depletion, so he came up with an idea, i. e. RALLY FOR RIVERS. In this campaign, a nationwide plantation drive was being organized, in which they asked people to plant trees in a range of 1 km area adjoining our main rivers. The NSS volunteers worked really hard to raise awareness and deliver this message to as many people as possible on September 24, 2017. To achieve this aim, the students first circulated the posters and requested people on social media to give a missed call on 8000980009; they then campaigned in the college and had a one-on-one interaction with people.

RALLY FOR RIVERS – 2017



6. A **Cleanliness Drive** was conducted on September 27, 2017 to clean the boundary wall of the college which was defaced during the annual DUSU election. The whole event was covered by media of DD news. (<https://youtu.be/DFsP7OqO2wE>). Several Cleanliness Drives were organized throughout the year.

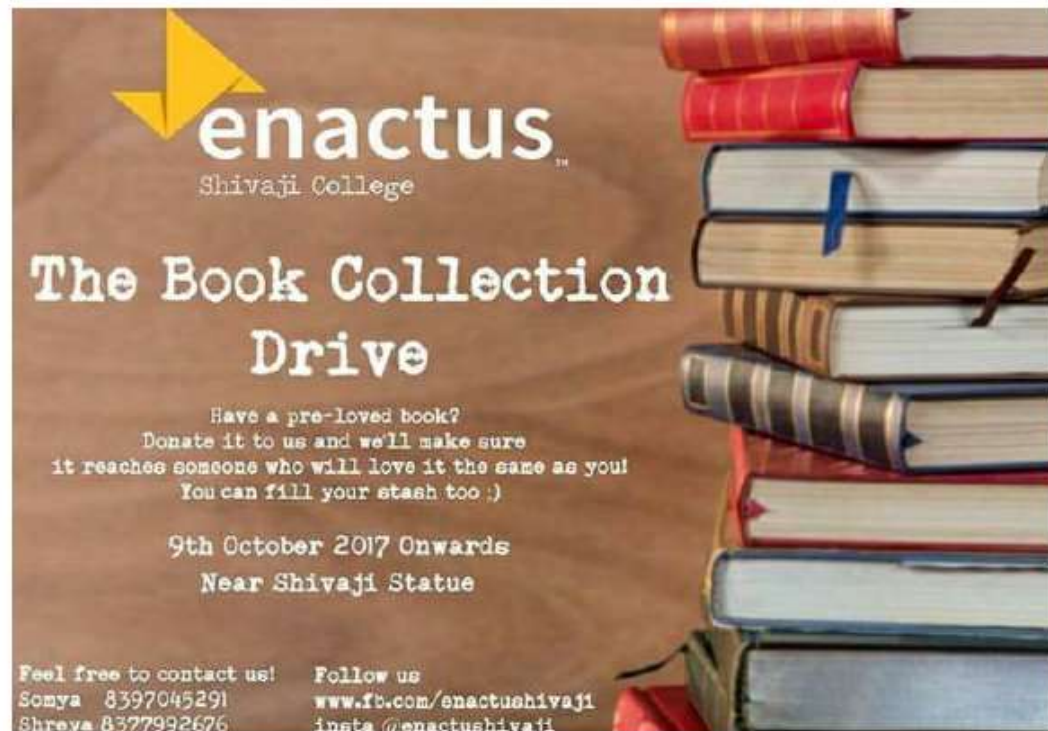
Cleanliness Drive



Cleanliness Drive on September 27, 2017



7. Enactus Shivaji organized its Diwali Mela 2017 “SWASTIK” on the October 13, 2017. Enactus Shivaji also initiated a **book collection drive** and successfully distributed the books collected from the faculty members and students to ‘Hope Foundation’ (Dilshad Garden) and ‘The Bal Seva Orphanage’ (Uttam Nagar).



8. NSS Shivaji organized an **Awareness campaign against use of plastic** with a massive rally of around 200 students. The enthusiastic and dedicated students marched on shouting slogans and holding placards to create awareness about the effects of plastic on the environment. The rally was successful in its aim gaining appraisals from everyone.

Awareness Campaign Against Use of Plastic – 2017



9. NSS organized a visit on January 23, 2018 to **Apna Ghar**, an abode for the homeless who have been abandoned by their families, the helpless and impoverished people, and the victims of depression. The visit proved to be fruitful and inspirational. Inspired by the visit, two of our student volunteers helped a few more vagabonds find a home at Apna Ghar. One of the volunteers, Harsh, even helped one such needy person by waiting for two hours for the car of "Apna Ghar" to arrive. Again on January 27, 2018 Anuj helped another "Prabhuji" at Hapur railway station to find a home.

A Visit to Apna Ghar NGO – 23/01/2018



10. **C.Y.O.W. Carry Your Own Water Bottle** a rally was organized on January 15, 2018 by the NSS Team of Shivaji College for the awareness about harmful effect that plastic has on our environment. The volunteers of NSS joined their hands together with the help of teachers to make this rally successful. Posters were a major instrument used to spread the message to public. Volunteers carried their own steel bottles to portray their service and role towards the environment. The rally started from the college went to main Rajouri market and back. The volunteers were full of zeal and raised strong slogans about the plastic. The message was well conveyed to the public.

C.Y.O.W.B (15/2018)



C. Y.O.W. B. Rally – 2018



11. Women's Development Cell organized its Annual Event on Gender Sensitization- **Gender Fair** on January 30-31, 2018 in collaboration with UN Women on the theme "Redefining Womanhood Inspire, Empower, Act". The inaugural ceremony was graced by Dr. Satya Pal Singh, Hon'ble Minister of State, HRD (Higher Education), Swati Maliwal (Chair Person of Delhi Commission for Women) and Sanya Seth (Program Analyst, UN Women). The major highlight of the event was the felicitation of Jijabai Achievers Awardees. The award ceremony was graced by dignitaries like Smt. Smriti Zubin Irani (Hon'ble Minister of Information and Broadcasting & Minister of Textiles, Government of India), Ms. Kamla Bhasin, South Asia Coordinator, One Billion Rising, Smt. Nayana Sahasrabudde, Vice President, Bhartiya Stree Shakti.

Gender Fair: January 30-31, 2018



12. **Post card campaign** was undertaken with an aim of targeting shopkeepers and householders in Rajouri Garden on February 13, 2018. The postcards poetically spoke of the need and necessity to control the use of plastic. The campaign received a great variety of response.

Postcard Campaign on 13/02/2018



Extension Activities 2018-2019

1. DST INSPIRE Camp for School Children from July 16-20, 2018

A five day Science camp from July 16-20, 2018 sponsored by DST INSPIRE Scheme was jointly organized by Department of Biochemistry, Department of Botany, Department of Chemistry, Department of Computer Science, Department of Mathematics, Department of Physics and Department of Zoology for students of various CBSE affiliated schools in Delhi.

A total of 225 school students along with 68 teachers of the college participated in the programme.

9/28/2020 Gmail - Fwd: Submission of detailed REPORT DST Inspire Internship Science Camp (Reference number DST/INSPIRE/04/2017-18/...



Divya Mohanty <divyamohanty13@gmail.com>

Fwd: Submission of detailed REPORT DST Inspire Internship Science Camp (Reference number DST/INSPIRE/04/2017-18/13)

Sunita Singh <sunitasingh@shivaji.du.ac.in> Sun, Sep 27, 2020 at 10:45 PM
To: Priyanka Chakpram <priyanka.chakpram@gmail.com>, Divya <divyamohanty13@gmail.com>

----- Forwarded message -----

From: Sunita Singh <sunitasingh@shivaji.du.ac.in>
Date: Thu, 30 May 2019, 8:03 pm
Subject: Submission of detailed REPORT DST Inspire Internship Science Camp (Reference number DST/INSPIRE/04/2017-18/13)
To: <uk.sharma@nic.in>

Dear Sir,

This is for your kind information that the DST Inspire Internship Science Camp (Reference number DST/INSPIRE/04/2017-18/13; was successfully organized from July 16- 20, 2018 by Shivaji College (Accredited with Grade "A" by NAAC 2015), University of Delhi. The camp received an overwhelming response and was attended by 225 students from 45 Schools (affiliated with the Central Board of Secondary Education; CBSE, New Delhi) of Delhi NCR.

I am submitting the following documents in the attached DETAILED REPORT (compressed PDF) after the completion of the camp.

1. Sanction order copy
2. Any date change if any e-mail confirmation
3. List of the participating students with Cutoff marks their Education board
4. Five days attendance of the students
6. List of Mentors with their contact details and title of the talk
7. Program Schedule followed in the camp
8. Mentors feedback
9. Student feedback summary in the given format.
10. Program Coordinators Feedback
11. Innovative idea write-ups to the Top Three/Ten winners
12. Audited Utilization Certificate in GFR 2017, 12A & B performa
13. Statement of Expenditure

With warm regards and best wishes,

Dr. Sunita Singh
Coordinator- *INSPIRE Science Camp*
Department of Biochemistry
Shivaji College (Accredited with Grade 'A' by NAAC, 2015)
University of Delhi, Raja Garden, New Delhi -110027
Mobile: 9811750581

 DST INSPIRE CAMP REPORT 2018-Final Compressed.pdf
14791K



Shivaji College

[Accredited with Grade 'A' by NAAC- 2015]

University of Delhi



INSPIRE SCIENCE CAMP

[Innovation in Science Pursuit for Inspired Research]

July 16-20, 2018



Department of Science & Technology (DST), Govt. of India



Shivaji College
(Accredited by NAAC with Grade 'A')
University of Delhi

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DST INSPIRE INTERNSHIP SCIENCE CAMP 2018
(Science Camp Sponsored by Department of Science & Technology)

July 16 – 20, 2018

Tentative Programme Schedule

Session /Time → Day ↓	Session - I 08:00 – 9:30 am 09:30 – 11:00am	Tea 11:00-11:30am	Session-II 11:30-01:30pm	Lunch 01:00-02:00pm	Session -III 02:00-05:00pm	Session -IV 05:00-06:00pm
July 16, 2018 Monday	Registration WELCOME AS I Inaugural Session Welcome Address Chief Guest Lecture - I Prof. S. B. Sarin, I.I.T.S Vote of Thanks Lecture - II Prof. M.D. Sharma, KU	TEA	Lecture-III Prof. Annapoorni Subramanian, IISAP, DU Interaction with Mentor	LUNCH BREAK	Hands-on Training Session Innovative experiments in labs (Biochemistry/Botany/ Computer Sciences/Chemistry/Maths/ Physics/Zoology)	Interaction with Mentors Screening of Scientific Documentary-I End of the day's activities
July 17, 2018 Tuesday	BREAKFAST Lecture-IV Prof. Jayaram, IITD Interaction with Mentor	TEA	Lecture V Prof. Karmeshu, SNU Interaction with Mentor	LUNCH BREAK	Hands-on Training Session Innovative experiments in labs (Biochemistry/Botany/ Computer Sciences/Chemistry/Maths/ Physics/Zoology)	Interaction with Mentors Screening of Scientific Documentary-II End of the day's activities
July 18, 2018 Wednesday	BREAKFAST Lecture-VI Dr. G.S. Sodhi SGTB Khalsa College, DU Interaction with Mentor	TEA	Lecture-VII Dr. D. Durai MPBET, Kollata Interaction with Mentor	LUNCH BREAK	Hands-on Training Session Innovative experiments in labs (Biochemistry/Botany/ Computer Sciences/Chemistry/Maths/ Physics/Zoology)	Interaction with Mentors Screening of Scientific Documentary-III End of the day's activities
July 19, 2018 Thursday	BREAKFAST Educational Trip	<ol style="list-style-type: none"> Institute of Liver and Biliary Science (ILBS), Vasant Kunj, New Delhi A dedicated centre of excellence in healthcare, teaching/training and research. CSIR -National Physical Laboratory (NPL) - India Lab with state of the art facilities and established for multidisciplinary Research & Development (R & D) work. 				
July 20, 2018 Friday	BREAKFAST Lecture VIII Prof. D.K. Sinha Dept of Zoology, DU Interaction with Mentor	TEA	Lecture IX Prof. Suranjan Kundu Dept of Biochemistry, DU Interaction with Mentor	LUNCH BREAK	Valuetory Session Interaction with parents Feedback by the students Chief Guest Lecture-X Dr. Renu Berra Additional Secretary-II,UGC Prize & Certificate distribution Vote of Thanks HOT TEA	

2. NCC Shivaji College organised a **Traffic Awareness Programme** in association with **Delhi Traffic Police** on August 24, 2018. More than 200 cadets joined the awareness rally which covered nearby local premises.

Traffic Rules and Road Safety Awareness

 <p>SHIVAJI COLLEGE NAAC Accredited 'A' Grade (University of Delhi) RING ROAD, RAJA GARDEN, NEW DELHI-110027</p>  <p>NATIONAL CADET CORPS (2DBn and 7DGBn)</p> <p><i>In association with</i> DELHI TRAFFIC POLICE</p> <p>organises ROAD SAFETY AWARENESS PROGRAMME</p> <p>Guest Dr. Eish Singhal DCP, Road Safety</p> <p>Date: 29th August, 2018 Time: 10:00 a.m. - 11:00 a.m. Venue: Auditorium</p> <p>Patron Dr. Shashi Nijhawa Principal</p> 	  
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3. A **Tree Plantation Drive** was carried out by the NCC unit on September 5, 2018. On the same day, as per tradition, the Garden Committee of Shivaji College celebrated 'Van Mahotsav' (Plantation Day) on the occasion of Teacher's Day. All faculty members, non-teaching staff members and students participated in the tree plantation drive in the main garden and sports ground followed by sweets distribution to all.

Vanmahotsav- September 5, 2018



4. NSS organised a **cleanliness drive** on August 8, 2018, by formation of human chain and poster rallies outside the campus. Passer-by's took note of the Swachhta message.

Cleanliness Drive by NSS on August 8, 2018



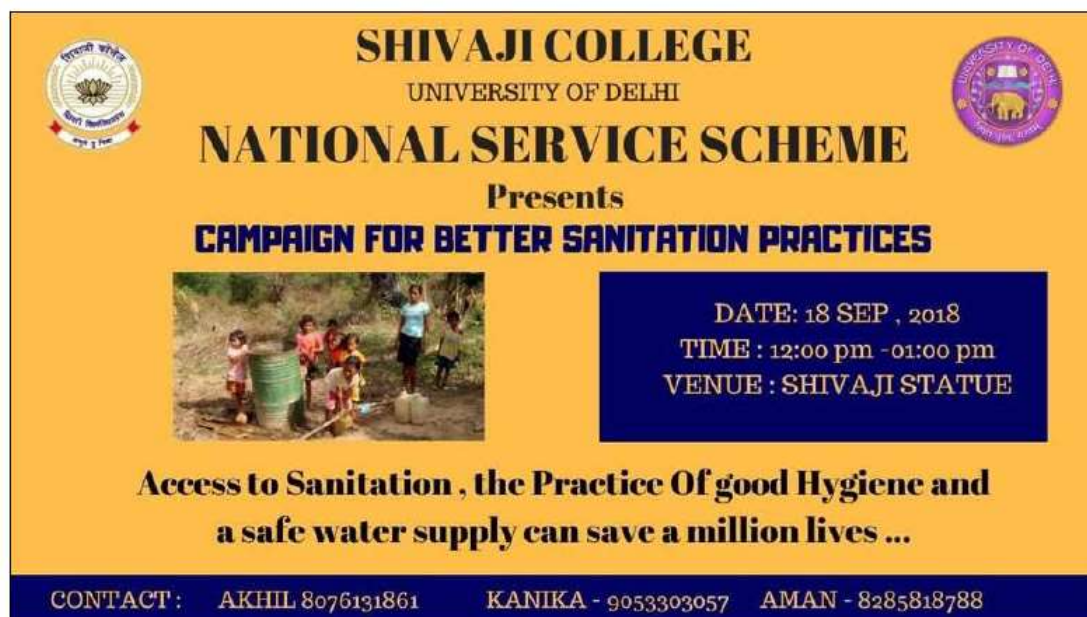
5. NCC cadets too participated in a cleanliness campaign “**Swachh Bharat Pakhwara**” on September 15-16, 2018. It was carried out within the college as well as in nearby places.

Swachhta Bharat Pakhwara by NCC on September 15-16, 2018




6. **‘Campaign for Better Sanitation Practices’** was held on September 18,2018 by carrying out a walk from college campus to metro station; in which volunteers alerted and influenced people for some practices like washing hands before and after meals, reducing use of polythene in their daily activities and promoting usage of bio-degradable materials.

Campaign for Better Sanitary (9/18/2018)



SHIVAJI COLLEGE
UNIVERSITY OF DELHI

NATIONAL SERVICE SCHEME
Presents
CAMPAIGN FOR BETTER SANITATION PRACTICES




DATE: 18 SEP , 2018
TIME : 12:00 pm - 01:00 pm
VENUE : SHIVAJI STATUE

**Access to Sanitation , the Practice Of good Hygiene and
a safe water supply can save a million lives ...**

CONTACT : AKHIL 8076131861 KANIKA - 9053303057 AMAN - 8285818788

7. NSS organised many outreach activities like ‘**Collection Drive for Kerala**’ from September 24-28, 2018 and a play on **water crisis** on October 9, 2018. NSS Shivaji organised a "Collection Drive for the victims of flood in Kerala. Not only did the volunteers but the college too came out to support and donated many essential items.

**DONATION
DRIVE**


NSS - SHIVAJI COLLEGE
For victims of flood in Kerala.

We're accepting all kinds of donations.
Near Shivaji Statue
Time - 9:30 AM Onwards

8. Enactus Shivaji organised '**Daan Mahotsav**' on October 12, 2018 with aim of inculcating the spirit of donation in students. Students collected books, school supplies, clothes and shoes which were donated to the underprivileged in the Bal Sewa Orphanage, Delhi.

Enactus Shivaji organised another one of its campaigns in the form of '**Daan Mahotsav**' on 12th October 2018, aiming to collect donations in any form, be it books, school supplies, clothes, shoes, or more. All the collections would directly be used for the benefits of the people in need, in the society.



9. A seminar on **Gender Parity: Issues and Challenges** was organised by WDC from January 15-16, 2019, to create awareness of issues related to gender inequality and the challenges that impact our daily lives. The tenth Jijabai Awards ceremony was organised on January 16, 2019 where the achievers were felicitated. The awards were conferred to Ms. Lakshmi N. Menon, founder of PURE LIVING, Mr. Shyam Sunder Paliwal who started the “111 Trees for Each Girl Child movement”, Dr. Manisha Gupte and Dr. Ramesh Awasthi, founders of the Mahila Sarvangeen Utkarsh Mandal, Sister Annie Jesus Mary of Jeevan Jharna Vikas Sanstha, Ms. Vidya Nambirajan of Paramount Auto Bay Services and Nambirajan.

Gender Parity: Issues and challenges - January 15-16, 2019



10. **Visit to Goonj NGO**, Sarita Vihar for spreading awareness on sustainable menstruation by Enactus on March 18, 2019.
Enactus Shivaji organised a session in collaboration with Goonj NGO to make the people aware about sustainable menstruation and its related aspects.

Visit to Goonj by Enactus



Extension Activities for 2019-2020

1. Enactus Shivaji initiated visit to **Sofia NGO, Ramesh Nagar** on June 13, 2019, thereafter made regular visits and scheduled sessions with women residents for engaging them and giving them employment opportunities. They were taught the importance of menstrual hygiene and how to prepare reusable sanitary napkins under our project SaNa. Our Enactus volunteers also provided them with manufacturing and marketing skills and strategies to sell these sanitary pads.

Sofia NGO, Ramesh Nagar



2. Enactus Shivaji College **visited Sofia NGO, Mustafabad** on June 20, 2019 to spread an awareness against the many social and religious stigmas associated with menstruation, and to acquaint them with the concept of hygienic and sustainable menstruation. This visit motivated a handful of women who immediately switched to reusable sanitary napkins.

Sofia NGO, Mustafabad



3. Department of Botany organized a "Floristic Walk" in the Commonwealth Games Village, Patparganj, New Delhi on June 30, 2019. Four faculty members of the department participated with the aim to create an awareness amongst the residents on the local vegetation of the area. They also discussed with the officials of Commonwealth Village on planting strategies that could be facilitated through collaboration with Institution of Water and Environment, India.

The image shows a screenshot of the website for the Institution of Water & Environment (IWE) India. The browser address bar shows 'iweindia.co.in/about-us'. The website header includes the IWE logo and the tagline 'committed to safe water & sustainable environment...'. A navigation menu contains links for 'ABOUT US', 'MEMBERSHIP', 'SERVICES OFFERED', 'PUBLICATIONS', 'INFORMATION & NEWS', and 'CONTACT US'. The main content area is titled 'Introduction' and describes the institution as a body of professional Engineers, Environmentalists, Economists, Urban Planners, and Scientists working in the field of water and environmental engineering. It also lists the institution's objectives, which include stimulating and promoting science and technology, disseminating information, providing technical support, advancing the science and practice of water and environment, and encouraging public participation.

INSTITUTION OF WATER & ENVIRONMENT (INDIA)
committed to safe water & sustainable environment...

ABOUT US | MEMBERSHIP | SERVICES OFFERED | PUBLICATIONS | INFORMATION & NEWS | CONTACT US

Introduction

Institution of Water & Environment (India) is a body of professional Engineers, Environmentalists, Economists, Urban Planners, and Scientists working in the field of water and environmental engineering sector, is registered under Societies Registration Act XXI of 1860.

Objectives:

The aims and objectives of IWE are to stimulate and promote the development of science & technology and social sciences in managing drinking and industrial water, waste water, sanitation, drainage, environmental, ecology and their social & environmental impacts.

While many actions are required to be taken in various directions with a vision to achieve the mission, here are some of the objectives which the institution intends to undertake:

- To acquire, generate & advance knowledge, skill & expertise with its members in India.
- To disseminate amongst its members information, knowledge and ideas on all matters affecting the Sector.
- To make available expert technical support and services in planning, designing, preparation of DPRs, supervision, appraisal, evaluation and monitoring, quality control etc.
- To advance the science & practice of water & environment for the public.
- To encourage peoples participation and create awareness amongst public & end users for water & environment conservation.

4. Department of Zoology organised a **Health Camp “Know your Wellness”** on July 5 and 9, 2019 for students seeking admission in Shivaji College, their accompanying parents/guardians, and faculty members.

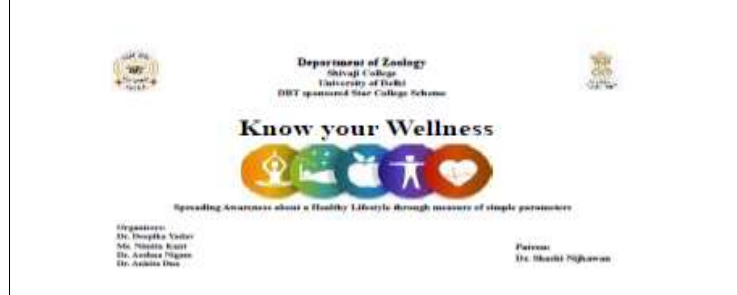


Health Camp, “Know your Wellness”

Health Camp, “Know your Wellness”, on July 5 & 9, 2019, for the students seeking admission in Shivaji College, accompanying parents and faculty members.

Under the DBT Star College Scheme the students were trained to investigate the parameters such as BMI, Blood pressure, Blood sugar levels to infer health of individuals, which was influenced by their lifestyles. Equipped with this knowledge the students held a health camp where they measured these parameters in students, their parents, faculty members and other staff members. The participants were also handed a health card made by the students, which provided an insight into the parameters and how to improve their lifestyle. This attempt of the students was also covered by Times of India and Dainik Jagran, which helped to spread this social message in Delhi.

Poster of the Event:



5. NSS Shivaji College organised an awareness drive during their **Visit to Ran Basera** on August 20, 2019. The objective of the drive was to gather information about the level of personal hygiene that people maintain in the community. Volunteers made them understand how small efforts like washing the hands properly can go a long way in preventing a plethora of diseases and illnesses. They also delivered educational lessons to the children.

VISIT TO RANBASERA



NSS SHIVAJI COLLEGE ORGANISES
A VISIT TO
RANBASERA
The objective is to spread awareness about the importance of maintaining personal hygiene. The volunteers will also teach the children residing there.
12-1 p.m. 20 August, 19



NSS SHIVAJI organized an awareness drive in the Ranbasera on 20th August 2019. The objective of the drive was to get some insights about the level of personal hygiene that the people maintained in the community.

6. The Garden Committee of Shivaji College organised a **Tree Plantation drive “Van Mahotsav” (Plantation Day)** on the occasion of Teacher’s Day on September 5, 2019. This drive was held with an aim to create an environmental benefit to the society at large. All faculty members, non-teaching staff members and students participated during the event.

Vanmahotsav- September 5, 2019



7. NSS Shivaji College organised a **Rally against Plastic Use** on September 9, 2019 to spread the awareness on harmful effect of plastic products, especially that of single-use plastics. The public attention were drawn towards using biodegradable materials like jute bags in place of polythene ones. Volunteers rallied from the college towards nearby localities with handmade posters and sloganeering.



8. Enactus Shivaji visited **Ren Basera** NGO, Raja Garden on September 15, 2019 to educate residents on using sustainable environment-friendly sanitary pads while at the same time maintaining their personal hygiene during menstruation. The women residents were also made aware to break free from the many social, cultural and religious stigmas that are associated with menstruation. All the women participated actively in the interaction session and were keen to know more.



9. NSS and NCC Societies of Shivaji College jointly organised a cleanliness drive on September 26, 2019 as part of the Swachhta Pakhwara programme, an initiative of the Government of India, in the college premises followed by poster making competition.

Swachhta Pakhwara, 2019



10. A **Plantation Drive at Tuglaqabad Biodiversity Park (TBP)** was organised by Eco Club Shivaji College in collaboration with SERNM on September 23, 2019.




11. Enactus Shivaji organised a **Visit to Bal Sewa Orphanage, Delhi** on October 1, 2019 to help the young children of the residence with their education. During the visit, school kits were distributed to the children and classes were provided on topics they had a difficulty in comprehending. Books were distributed through a book donation drive organised in the college.

Bal Sewa Orphanage



12. NSS society organised various events to commemorate the 150th birth anniversary of Mahatma Gandhi. These events included “Pledge against Tobacco”, “Shram-daan”, “Solar Lamp Making”, and “Old Age Home Visit”. “A Shram-Daan Drive” held on October 2, 2019 to clean the college campus under the “Swachhta Hi Seva” campaign concluded with a **visit to Sai Sahara**, an old age home.

Shram-daan Drive: October 2, 2019



NATIONAL SERVICE SCHEME
Shivaji College
is organising


श्रमदान

under
SWACHHTA HI SEVA HAI CAMPAIGN


2nd Oct,
2019

10 a.m onwards

Programming officer: Dr. Ruchira



A “Shram-daan drive” to clean the college campus was organised under the “Swachhta Hi Seva” campaign which is a massive nationwide awareness and mobilization campaign on Swachhta.



The day was concluded with a visit to Sai Sahara old age home, the volunteers shared some happy moments with the residents. Seeing the smiles on the faces of these people was perhaps one of the best heartfelt moments of the day. Taking inspiration from the teaching of our Jaapu, the NSS team will continue to devote their mind, body and soul in the service of the society and nation. As he taught us, we will continue to shake the world, but in a gentle way.

13. **During its visit to Janhit NGO** on October 4, 2019, Enactus Shivaji College taught the residents to prepare sanitary napkins and importance of menstrual hygiene. Regular sessions were conducted for 6 months to perfect the art of stitching reusable pads. Our team also provided them with some marketing skills to sell their products.

Janhit NGO



Janhit Training Sessions



14. Enactus Shivaji College visited **Parvaki Sanstha** NGO on October 10, 2019 to interact with the children regarding the provision of basic facilities and issues faced by them. While keeping the session as a lively and entertaining interaction, we took note of their issues and helped them with surplus funds from collection. The fund was then allotted to maintenance of children's health and education.

Parvaki Sanstha



15. NSS Shivaji College **visited Ran Basera** in 2019 to provide young children with basic education, moral values and also assisted them with their home assignments.

Team of NSS Shivaji went to Ranbasera to teach young kids – Day 1 – 2019



Team of NSS Shivaji went to Ranbasera to teach young kids – 2019



16. A “**Polio Eradication Awareness Rally**” was organised by the NCC unit near the college area on January 10, 2020 to raise medical awareness on the disease.

Polio Eradication Awareness



17. On January 10, 2020 during the **the Jijabai Award Ceremony** of the Gender Fair event on “Women’s Leadership for Global Peace and Prosperity” sponsored by the University Grants Commission (UGC) and organised by Women’s Development Cell, Shivaji College, the college felicitated Ms Samarita Sengupta, Kolkata; Ms Lakhimi Baruah, Jorhat; Ms Anita Gupta, Bhojpur; Mr Shafiqur Rahman Khan, Haryana; and Ms Masooma Rizvi, New Delhi for their contribution towards women empowerment.

Women's Leadership for Global Peace and Prosperity - Jan 09-10, 2020



18. **Traffic Awareness Rally** was conducted by NCC unit, Shivaji College in association with Delhi Police at India Gate on January 11, 2020 in which many cadets participated and helped spread the awareness of traffic rules to the public.

Traffic Awareness Rally January 11, 2020



19. A **Visit to Saheli Camp** on January 18, 2020 by NSS unit, Shivaji College was organised to create awareness about women's personal hygiene and self protection.




20. Enactus Shivaji College **visited God Gives Everything NGO** on 20 January 2020 to create awareness amongst the residents on sustainable menstruation and its related aspects. It motivated the young children as well as the women there to make a shift from conventional methods of hygiene to more eco-friendly methods. The visit was greatly successful in bringing about a change in perspective towards menstrual hygiene, and also provided useful insights regarding innovative development of hygiene products.

God Gives Everything NGO



21. The NSS Shivaji College organised a **Sanitary Pad Collection Drive** on January 22, 2020 and distributed the same to women residing in Ran Basera NGO on January 23, 2020. The team spoke to the women to generate awareness about the significance of sanitary pads and other hygiene related issues

SANITARY NAPKIN COLLECTION & DISTRIBUTION



The NSS team of Shivaji College visited Ranbasera for sanitary napkin distribution on 23rd January. Lack of menstrual hygiene management is a major reason for majority of the girls skipping schools during their periods and eventually dropping out at an early age and missing out on their education. Considering the need for creating awareness among the poor, needy and illiterate section of society, a three day collection drive was held in college through which all the volunteers could make a contribution. Free Sanitary Pads were provided to the needy women of shelter home and our team spoke to them to make them more aware of the significance of sanitary pads.

22. On February 2, 2020 Enactus Shivaji College **visited Hello moms NGO** to spread awareness on sustainable menstruation and also to assess the social problems prevailing in its locality. The most common constraints were social and religious issues. The women residents were provided with employment opportunities that could be harnessed through stitching sanitary napkins, cloth bags, candle making *etc.*

Hello Moms NGO



23. During its **visit to Shakti Shalini NGO** on February 8, 2020, Enactus Shivaji College surveyed the unemployment issue among the women residents of the organisation and provided them with the entrepreneurial idea of stitching sanitary napkins and further shared some marketing strategies so that they can turn in some good revenue for themselves.

Shakti Shalini NGO



24. NSS Shivaji College organised a **Cloth Collection Drive** on February 12, 2020 to help the economically disadvantaged people, particularly women in shelter homes like Rain Basera.



CLOTH DISTRIBUTION DRIVE

Someone has rightly said that, "No one is useless in this world who lightens the burden of others".

On 12th February, 2020, NSS unit of Shivaji College organized a cloth distribution drive at a nearby Rain Basera . Volunteers took active participation in the same.

We just throw away our old clothes and too because they become outdated for us! These old clothes could help somebody in need



25. On 26th of February, 2020, NSS unit of Shivaji College organized a **Street Play on ‘Log Kya Kahenge’** in Raghubir Nagar area. The play addressed the issue of peer pressure among children and how the issue of alcoholism is increasing due to peer pressure. In addition to this, they also addressed issues related to menstruation.

Street Play on “Log Kya Kahenge” – 26/02/2020



26. A **Blood Donation Camp** in association with Rotary Club of Delhi, CAMA was organised by NSS Shivaji College on March 5, 2020 to encourage its students and staffs to donate their blood for a larger social benefit.

