

EXCURSIONS, EDUCATIONAL VISITS, INDUSTRIAL & FIELD VISITS

2022-2023

Department of Chemistry

1. Visit to DAV Convention Center, Anushakti Nagar, Trombay:

Visit to DAV Convention Center, Anushakti Nagar, Trombay was organised on 23/08/2022 from 03:00 p.m. to 05:00 p.m. Dr. Sandip D. Maind and Ms. Sonal Sakpal assisted students for the visit. 49 students of FY/SY/TYBSc and MSc. Part I and Part II visited the DAV Center. Scientists demonstrated the models of Nuclear Power Reactors and Non Power Recent Nuclear Technology developed by Various DAE Units like BARC, IGCAR etc. The visit was very informative and positive feedback was given by all the students.





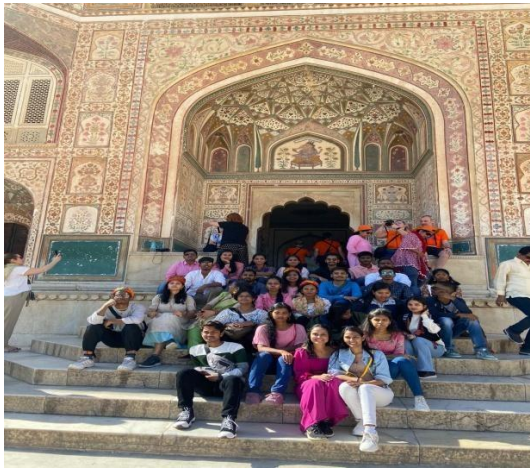
2. Outstation Industrial Visit:

Outstation Industrial Visit was organised from 08/02/2023 to 12/02/2023 for S.Y./T.Y. B.Sc. and M.Sc. Part I and part II students. 27 students joined the Industrial visit. Dr. Urmila Maru, Prof. (Dr.) S. V. Rathod and Mr. Vishal Kamble accompanied the students. Visit to Kesula Textile Pvt. Ltd, Sanganer was organised. Sanganer is the village has been a major center for very fine block cutting and printing units

accommodating more than 5000 block printers. One of the most noticeable characteristics of Sangneri prints is their intricate detailing printing on fabrics like white or pale cotton cloth, silk and organza. CMYK (Cyan, Magenta, Yellow, Black) colors are used in offset printing and digital presses.

Visit to Jaipur Dairy was also organised. Various milk processing units were shown to the students where milk products like Paneer, Butter milk, Curds etc are prepared and packed. Quality Control Laboratory was also visited by the students. Jaipur's largest waste water treatment plant was also visited by the students and the explanation was given by the experts of the Dairy.

Along with the Industrial Visits, the rich heritage of Rajasthan was also experienced by the students.





Visit to Patkar College, Goregaon for workshop on Analytical Instrumentation:
Visit was organised to Patkar College, Goregaon for workshop on Analytical Instrumentation on 25/02/2023 for S.Y./T.Y. B.Sc Students . 33 Students attended the workshop along with Prof. (Dr.) S.V. Rathod, Dr. Sandip D. Maind and Ms. Azra Ansari. Workshop was based on hands on training on Analytical Instrumentation like FTIR, AAS, HPLC/HPTLC. All teachers and students received the participation certificates.



Report on Industrial Visit by BMS Department

The Industrial visit for BMS and BAF students was organized on Saturday, January 7th, 2023 to Great Escape, Virar and Kompton Lights Company, Palghar.

All the students reported to college by 7 o'clock in the morning and were seated in the bus. From the BMS Department, Prof. Vikram Shotri, Prof. Nilesh Dubey, Prof. Dhanshree and Prof. Nilufer Gadiwalla accompanied the students. The total count of BMS students was as follows:-

From F.Y.B.M.S. - 42, From S.Y.B.M.S. - 18 & From T.Y.B.M.S. - 23.

From BAF Department Prof. Deepali Mehta, Prof. Vivek D. Chauhan, Prof. Ankit Rathi and Prof. Radha Yadav joined us.

At the Great Escape resort both the BMS and BAF students conducted group activities, and enjoyed playing various games and relished the sumptuous food at the resort.

We left the resort by 4:45 pm. and headed to- Kompton Lighting Company,
C/o Applelite Neelkant industrial estate ,bldg 2B Gala no 1-4. Landmark - New era
Transport Near Sai baba mandir, Sativali , Vasai- East. District. Palghar - 401208.
Landline - 0250-6900600. Mobile - 9029931413. Email - Info.applelite@gmail.com.

The visit to the light and bulb manufacturing factory was enriching experience for the students where they learnt about how the LED lights were made, how the wirings were attached to these lights, how the lights were given unique shapes and how were they designed.

The visit was an interactive session where the students asked many questions to the Factory Manager like – what is the cost of making a particular light?, how much meter of wire was used in each light and what type of wires were used by them?, what was the sales turnover? & how do they maintain their books of accounts?

All the questions asked by the students were systematically answered/responded by the Factory Manager. Factory Manager also gave brief details about the details of the industry. The students were made seated in the bus by 6:00 pm and we reached the college gate by 8:30 pm after which the students dispersed to return home after a long day full of fun and learning activities.

Report on Industrial Visit by B.Com.(Accounting & Finance) And BMS Department

The students of Department of B.Com.(Accounting and Finance) and Department of BMS were taken on an industrial visit on Saturday 7th January, 2023 by the teachers of the college.

All the students who had submitted undertaking forms duly signed by their parents reported to college at 7 a.m.in Room no.301,302 and 12.

Teachers in charge of the visit are as follows:

Mr. Vikram Shotri
CA Dipali Mehta,
Mr Vivek D. Chauhan,
Mr Ankit Rathi
Ms Radha Yadav
Mr Nilesh Dubey
Ms Nilufer Gadiwalla
Ms Dhanshree

Total count of BAF students was as follows:

F.Y.B.A.F. - 30
S.Y.B.A.F. - 42
T.Y.B.A.F. – 30
F.Y.B.M.S. - 42
S.Y.B.M.S. - 18
T.Y.B.M.S. – 23

The students and teachers occupied their seats in buses and the journey started.

The first stop was at Great Escape Resort where students played various group games and had group activities. The resort is located at Virar,Thane. After resort activities and meals, students were taken to Kompton lighting company.

The address of Kompton lighting company is as follows:

C/o Applelite Neelkant industrial estate ,building 2B Gala no 1-4, Landmark - New era transport, Near Sai baba mandir ,Sativali , Vasai East.District. Palghar - 401208..

Landline - 0250-6900600 .

Mobile - 9029931413.

Email - Info.applelite@gmail.com.

All the students observed various departments in the company.

The customised lights manufacturing activities were shown to students. The unique shapes and designs of lights were created to meet customer requirements. During the observation students asked a few questions to the Factory Manager like – what is the cost of making a particular light? What are the types and specification of wires used by them? What was the sales turnover?

All the questions asked by the students were systematically answered/responded by the Factory Manager. Factory Manager also gave brief details about the industry.

Kompton lighting company and Kalpatru Industries Company are sister concerns. The details of the profile given for Kalpatru will be same for Kompton company.(pdf. Is attached)

After completing the visit, the students accompanied by students boarded the buses and left for college. Buses reached college at 8.30 p.m.



Committee/ Association: Commerce Association

A.Y.: 2022-23
01/08/2022

1. **Event Title :** Industrial Visit

2. **Event Date:** 23rd July, 2022.

3. **Event Venue:** Vardhaman Filaments and Shangrila Resort and Waterpark, Bhiwandi.

4. **Event Detail:**
Students from TYBCOM and SYBCOM were taken on an industrial tour. The Industrial Visit drew a total of 180 students. The visit ,
it was split into two parts. The first part involved a trip to Bhiwandi's Shangrila Resort and Waterpark. The waterpark served breakfast and lunch to the students. Those who had pleasant laugh at the waterpark and absolutely loved the slides.

5. Vardhaman Filaments was visited later in the day. They are the leading Yarn manufacturer and supplier in Bhiwandi. The procedure began with the collection of fibres from the wool and was followed by the procedure of Students in the industry were shown how to spin fibre into yarn. It was a novel and beneficial learning experience for all of the students.

6. **Event Pictures:**





**BHARTIYA VIDYA BHAVAN'S
HAZARIMAL SOMANI COLLEGE OF ARTS & SCIENCE, JAYARAMDAS PATEL COLLEGE OF
COMMERCE & MANAGEMENT STUDIES, CHOWPATTY, MUMBAI-400007**



Varsha Mallah

Dr. Varsha Mallah
Chairperson, Commerce Association

1. Industrial Visit to Vardhaman Filaments ,23rd July, 2022.

Students from TYBCOM and SYBCOM were taken on an industrial tour. The Industrial Visit drew a total of 180 students the visit was split into two parts.

The first part involved a trip to Bhiwandi's Shangrila Resort and Waterpark. The waterpark. Where students had pleasant time, they enjoyed the slides and other amenities provided.



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HAZARIMAL SOMANI COLLEGE OF ARTS & SCIENCE, JAYARAMDAS PATEL COLLEGE OF
COMMERCE & MANAGEMENT STUDIES, CHOWPATTY, MUMBAI-400007**

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DEPARTMENT OF ACCOUNTANCY

2. One-day Environmental Visit to Tungareshwar, Vasai., 24th September 2022.

Students from BCOM and MCOM were taken on an environmental tour. The Environmental Visit drew a total of 137 students. The visit's purpose was to sensitize students towards the environment, and the students had a good experience with its hill trekking for their physical and mental health. The trip operator educated students on the significance of place and how to ensure environmental sustainability. During the break, the students were served launch and instructed on the necessary safety precautions. It was a novel and beneficial learning experience for all of the students. where students had a good time and the trip was bought to end with joy and great learning experience.



BHARTIYA VIDYA BHAVAN'S
HAZARIMAL SOMANI COLLEGE OF ARTS & SCIENCE, JAYARAMDAS PATEL COLLEGE OF
COMMERCE & MANAGEMENT STUDIES, CHOWPATTY, MUMBAI-400007



Study Visit: Department of Physics

Introduction

The study visit is an important part of the experiential learning in education at Bhavan's Hazarimal Somani Arts and Science College. The goal of the visit was to motivate students by experiencing applied physics through the exhibits at ISRO Museum, Ahmedabad.

Study Visit Outline:

Dates: 05th February To 8th February 2023

Day	Date	Place	Event
Sunday	05-02-2023	Mumbai	Departure to Ahmedabad
Monday	06-02-2023	Ahmedabad	Visit to Sevagram, Atal Bridge &
Tuesday	07-02-2023	Ahmedabad	Visit to VSC, ISRO museum, Science City
Wednesday	08-02-2023	Mumbai	Arrival at 12:00 noon

Detailed Schedule Of Study Tour To Ahmedabad

Day-1 Sunday 5th February 2023

Boarding By Karnavati Express
02:00 Pm At Mumbai Central
02:28 Pm At Borivali
21:05 Pm At Ahmedabad

Day-2 Monday 6th February 2023

10:00 Am To 01:00 Pm Science City
01:00 Pm To 02:00 Pm Lunch
02:00 Pm To 04:00 Pm Sabarmati Ashram
04:00 Pm To 05:30 Pm Sabarmati Riverfront
06:00 Pm To 08:00 Pm Kankaria Lake
08:00 Pm To 09:00 Pm Dinner

Day-3 Tuesday 7th February 2023

10:00 Am To 01:00 Pm Isro Museum

01:00 Pm To 02:00 Pm Lunch

03:00 Pm To 06:00 Pm Science City

06:00 Pm To 07:00 Pm Law Garden

08:00 Pm To 09:00 Pm Dinner

Day-4 Tuesday 8th February 2023

Boarding By Karnavati Express

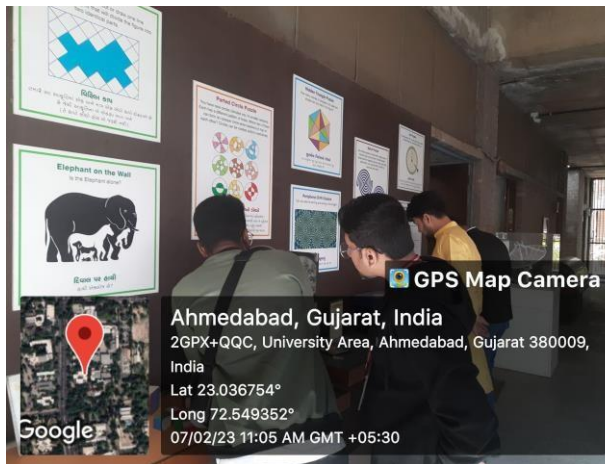
05:00 Am At Ahmedabad

12.10 Pm Mumbai Central

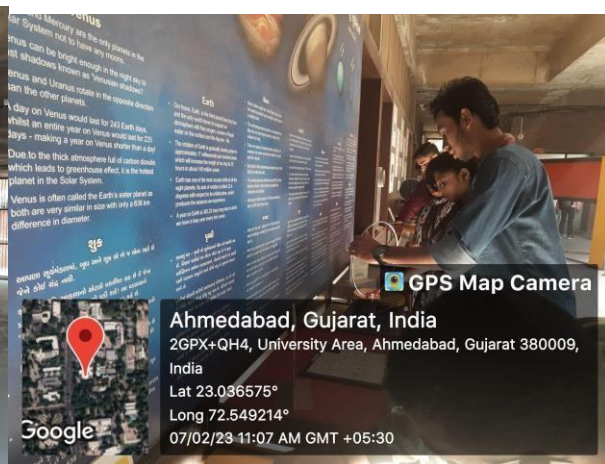
List of Students and Teachers :

Sr. no	Name	Roll no.	Class	Contact no.
1.	Ms. Vrushali Jadhav	Asst. Prof.	Teacher	9220291655
2.	Ms. Dhanashri Ajgaonkar	Asst. Prof.	Teacher	9552023972
3.	Shri. Pramanand Joshi	Asst. Prof.	Teacher	9324202007
4.	Ms. Ambika Sharma	Asst. Prof.	Teacher	9096321887
5.	Shri. Ashok Ingle	Asst. Prof.	Teacher	9022693329
6.	Shri. Niteen Sardesai	Asso. Prof.	Teacher	9224466484
7.	Prajwal Mhamunkar	32008	SYBSC	8928124046
8	Shri. Mihir Tandel	32007	SYBSC	8928189167
9.	Shri. Mahdi Khan	32004	SYBSC	9137440583
10.	Shri. Aryan Rane	32005	SYBSC	8879039836
11.	Ms. Nida Ansari	32001	SYBSC	8928962410
12.	Ms. Karuna Singh	32006	SYBSC	9136740032
13.	Ms. Arpita Das	33011	TYBSC	7718002537
14	Shri. Ashutosh Vichare	33010	TYBSC	8850805541
15.	Shri. Raman Waghela	Lab Att.	Staff	8149893936

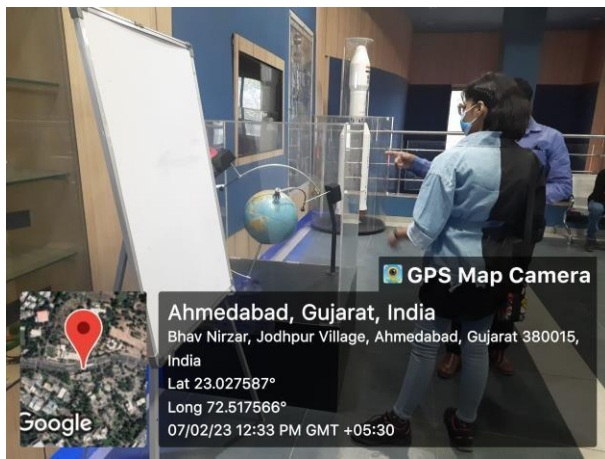
Photos:



GPS Map Camera
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 Long 72.549352°
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GPS Map Camera
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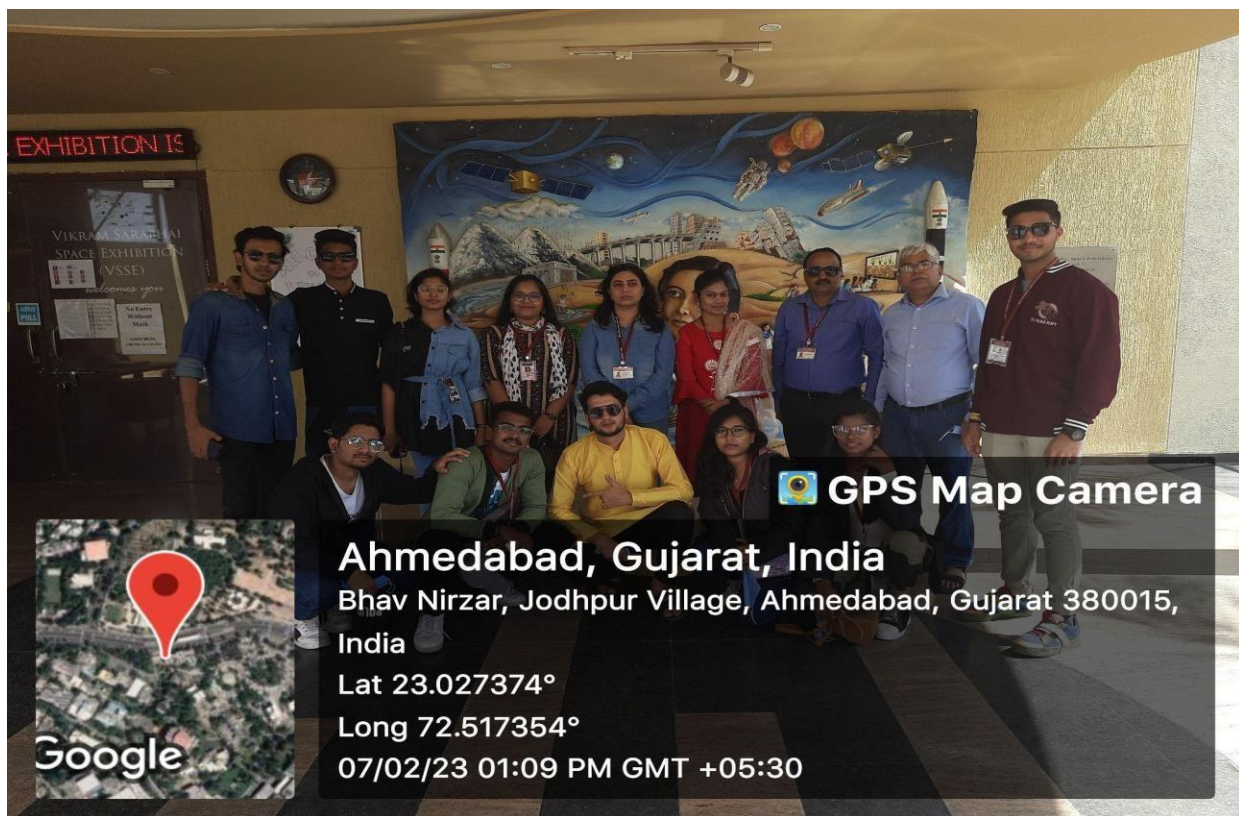


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Outcome of the Study visit:

Students got motivated to learn exhibits at Vikram Sarabhai ISRO center and at Science city. This was reflected in the active participation of students in Quantazics 2023, a Departmental annual activity. Students presented powerpoint presentations on India's Space program such as Chandrayan, Mangalayan and Aditya. Some students made models of the satellite for the Quantazics program.

EDUCATIONAL VISIT OF TYBA STUDENTS TO LONAVALA

**Places Visited- 1. National Association for the Blind (NAB) Old Age Home
2. Manashakti Kendra, Mind Gym**

Date: Wednesday, 14th December, 2022

No. of Students Visited- 27

Objectives:

1. National Association for the Blind (NAB) Old Age Home: To create awareness and sensitization about the needs, concerns and rehabilitation of visually impaired and the Elderly.
2. Manashakti Kendra, Mind Gym: To create understanding about the mental processes of meditation, relaxation and concentration and to learn ways to enhance the functioning of various cognitive processes.

Report:

The Department of Psychology and Department of Sociology of our college had organised a one-day educational visit to NAB old age home for the blind and Manashakti Kendra-Mind Gym at Lonavala, on Wednesday, 14th December 2022. The visit began at 7:15 am from college including 27 students and 3 professors. We reached NAB (old age home for the blind) at 10:30 am. Students visited the weaving, knitting, embroidery, tailoring, basket making etc. sections of the old age home where the visually impaired elderly are engaged in all these activities. Students also interacted with the inmates and the Old Age Home manager. There were variety of items like Bed sheets, Pillow Covers, Napkins and Towels, Kitchen Napkins and Aprons, Dusters and Swabs, Handkerchiefs, Shopping Bags, Candles, Liquid Soaps, Soaps, Incense Sticks made by the visually challenged. Students and teachers purchased the items.

This visit was followed by a visit to a Manashakti Kendra, Mind Gym at 12:15 pm. On reaching their the volunteers of Mind Gym gave a warm welcome to all and gave a small introduction lecture about “Why and What is ‘New Way Philosophy?’”. They gave us information about Swami Vijnananand who was the experimenter of New Way Philosophy and also some information about working of the brain and the science of brain waves. After the introductory

presentation, all had a very nutritious lunch arranged by them in a very peaceful environment. Students then received explanation on the functioning of the brain and how to increase concentration, how to reinforce our mental strengths and minimize weaknesses. They then got opportunity to play interactive mind games at Mind Gym and to participate in unique mind experiments to boost Concentration, Steadiness, Meditative State, Intuition, Creativity, Coordination, etc. Also, a personalized report was shown on the screen at the end of the experiment. Students then saw a very an Inspirational and Patriotic Show 'Vandya Vande Mataram' in a very interactive smart theatre with 9 projectors- mapping and a panorama screen. We left for the return journey at 5:40 pm after an amazing session there and reached college at 8 pm.

The whole experience was very fruitful, knowledgeable, informative, sensitizing and extremely amazing and for all students.







Latitude: 18.761442
Longitude: 73.442261
Elevation: 620.89±19 m
Accuracy: 73.1 m
Time: 14-12-2022 12:29

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Educational Visit : Brain Awareness Week, IIT BOMBAY

Date- Friday, 17th March 2023

Time – 10.00am to 5.00 pm

Venue- VMCC,Psychophysiology Laboratory, IIT Bombay

No. of students- 14

Objectives- 1. To orient students to the functioning of healthy brain.

2. To expose students to the IIT Campus and understand various courses.

3. To help them interact with researchers in IIT to ignite the fire of research among students.

Report-

The students of Department of Psychology along with two staff members were fortunate to receive an invitation from IIT Bombay to attend a seminar for Brain Awareness Week at the Psychophysiology Laboratory in IIT Bombay. IIT being a dream institute for many, students were very excited for this visit. Students were overwhelmed to receive a warm welcome by the volunteers at the Main gate guiding them on their way through the gigantic and a very beautiful campus. It was a day long program with informative, insightful and interactive sessions by eminent speakers like Dr. Niveditha from IIT Bombay and Dr. Vivek Belhekar from University of Mumbai who guided the students about various aspects of brain health. Students then got an opportunity to see posters displayed depicting the structures and functions of brain and got to interact with the researchers doing research in the areas of cognitive sciences, neuro sciences and psychophysiology from IIT. There were many educational and enjoyable games, activities and quizzes organized for the students. Three of our students won prizes in Speed Crossword and Quiz which was a cherry on top to student's excitement. Students were happy to be a part of this

wonderful event and to learn from the volunteers were very not only intellectual researchers but also friendly, cooperative and had excellent management skills. Overall it was a very fruitful visit.

Learning outcomes- 1. Students developed interest in research and areas like neuroscience and psychophysiology.

2. They learnt leadership and management skills.

3. They developed awareness about various aspects of brain functioning and about brain health.



Brain Awareness week at IIT BOMBAY



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Longitude: 72.917356
Elevation: 76.8641 m



Latitude: 19.13144

Report on the Educational Visit organised by the Department of English under the aegis of the English Literary Association on 12th January 2023

On the occasion of “**National Youth Day**”, an Educational Visit was organised by the Department of English, under the aegis of the English Literary Association, to the Ramakrishna Mission, Khar (West) on Thursday, 12th January 2023. **16 students** from Bhavan’s H.Somani Degree College participated in the visit. Two teachers from the Department of English namely, Ms Jordana Miranda and Dr Rupa S. Deshmukhya accompanied the students.

The objective of organising this visit was to provide an opportunity to the students to derive inspiration from the life of Swami Vivekananda, inculcate noble values, and widen their knowledge so that they can contribute as worthy citizens of our nation.

The students reached the venue at 3.00 p.m. The session began at 3.30 pm with Vedic Chanting and lighting of the lamp. This was followed by a welcome address by Reverend Swami Satyadevanandaji Maharaj, Secretary, Ramakrishna Mission, Mumbai. This was followed by a speech by Swami Jyotihswarupananda, Manager, Ramakrishna Math, Nagpur. There were student speakers from reputed colleges in Mumbai who spoke eloquently on the teachings of Swami Vivekananda and its relevance to the youth today. This was followed by inspiring speeches by eminent speakers. Aspects like personality development, goal-setting, career advancement and time management formed the crux of the speeches. Students were inspired by the speech given by Shri Sharad Vivek Sagar, Indian Social Entrepreneur and Founder and CEO- Dexterity Global. The speeches also highlighted the importance of Swami Vivekananda’s teachings in the contemporary context and his values of perseverance, dedication, integrity and commitment, which are significant for personality development. The students were avid listeners and engaged enthusiastically in the interactive sessions.

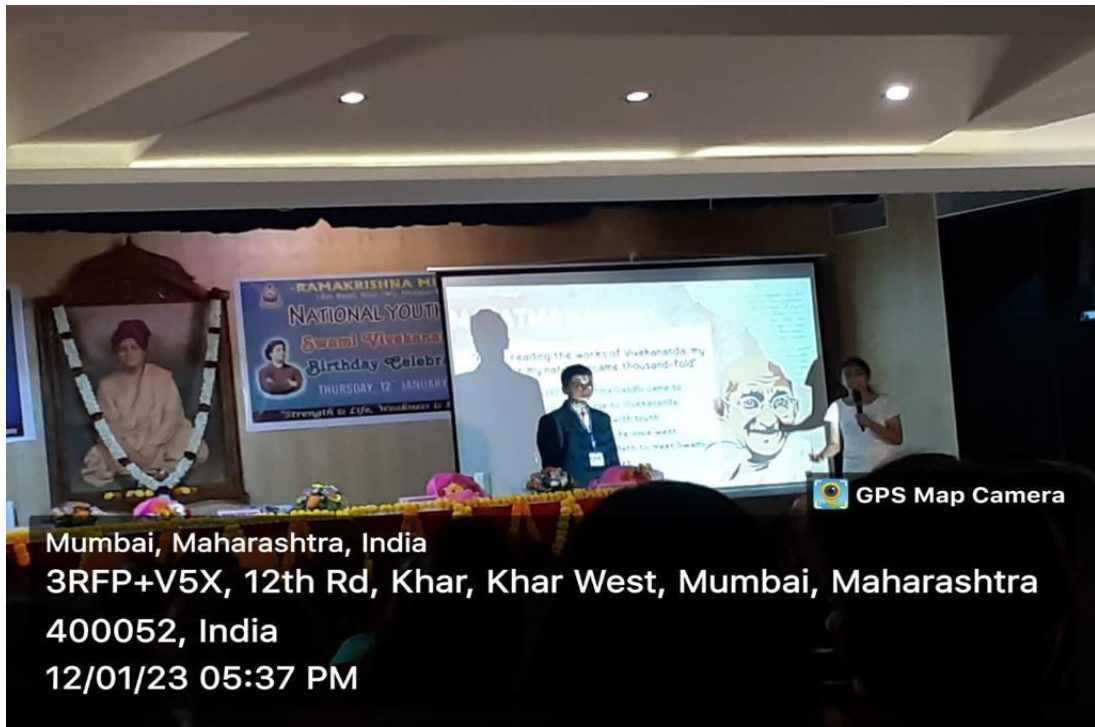
A group of school students presented an engaging Role-play, which was followed by an interesting Documentary and Power Point Presentation on themes pertaining to values, universal brotherhood and religious harmony. At the end of the sessions, all the participants received a booklet on Swami Vivekananda, which

highlighted how he stood as a role model for generations, in various respects, and his significant contribution to our nation.


The educational visit was relevant and useful from the students' point of view as it inculcated in them selfless love and service for our country, with a view to build a powerful yet tolerant modern India.









 GPS Map Camera

Mumbai, Maharashtra, India

3RFP+V5X, 12th Rd, Khar, Khar West, Mumbai,
Maharashtra 400052, India

Lat 19.074568°

Long 72.83551°

12/01/23 06:18 PM GMT +05:30



Google

Committee Members -

Activity: Visit to Mani Bhavan Gandhi Museum on 16th February 2023 at 11:00 am for T.Y.B.A class.

1. **Event Date:** 16th February 2023
2. **Event Venue:** Mani Bhavan, Laburnum Road, Gamdevi, Mumbai-400 007.
3. **Event Detail:** The National Gandhi Museum has a very rich collection of original relics, books, journals and documents, photographs, audio-visual materials, exhibitions, art pieces and other memorabilia closely connected with Mahatma Gandhi, Kasturba, and Indian Freedom Struggle. It is developing into a Resource Centre for the Gandhian and allied Studies and Research. It also processes the information, data, audio-visual materials, etc., for the use of different categories. The department organized a visit to the museum for the students of third year to learn about Gandhian philosophy and understand his contributions to the national freedom struggle.
4. **No. of Participants:** 24 Students
5. **Event Pictures:**



Department of Political Science:

Dr. Priya S. Mital, Associate Professor and Head

Shri. Ravidas Gavit, Assistant Professor

Activity: Educational Visit for SYBA Sociology students

1. **Event Date:** 22nd September 2022
2. **Event Venue:** Samyukta Maharashtra Memorial, Shivaji Park, Mumbai
3. **Event Detail:** Dept. of Sociology organized an Educational Visit for students of SYBA to 'Samyukta Maharashtra Memorial situated at Shivaji Park, Mumbai. Samyukta Maharashtra Smriti Dalan is a beautifully crafted Memorial building, located at Shivaji Park besides Mayor House. It displays history of the movement which dates back in 1920 when Gandhiji passes a resolution to form state on linguistic basis which led to Samyukta Maharashtra Movement. The visit was helpful as the syllabus of SYBA Sociology contains a unit on Historical and Sociological relevance of Maharashtra.
4. **No. of Participants:** 19 SYBA Sociology students
5. **Event Pictures:**





Latitude: 19.027831
Longitude: 72.836784
Elevation: 9.56±3 m
Accuracy: 6.4 m
Time: 22-09-2022 15:32

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Dr. Manjusha Patwardhan
Head & Asso. Prof. Dept. of Sociology

DEPARTMENT OF BOTANY

EXCURSION REPORT 2022-23 (SYBSc & TYBSc)

Event Title: Field visit to **Bhandardara**

Date: 20th September, 2022

Venue: Bhandardara

Aims & Objectives:

- To provide an authentic learning experience
- Conducting a field trip for students is to reinforce experimental and contextual learning
- To observe and collect samples of the subject in its natural state
- To apply theory knowledge into practice
- To develop observational skills
- To improve social interaction among the students
- To refresh students knowledge
- To develop creativity skill among students

No of Students: 27 students

Students of TYBSc and SYBSc visited Bhandardara, dist Ahmednager on 20th September 2022 under the guidance of Dr. Vijay Hile, Dr. Suraj Gajbhiye and Ms. Riddhi Vaidya for the study of Flora and its conservation. Bhandardara is a holiday resort village near Igatpuri, in the western ghats of India. The village is located in the Akole tehsil, Ahmednagar district of the state of Maharashtra, about 185 kilometers (115 mi) from Mumbai and 155 kilometers (96 mi) from Ahmednagar. Bhandardara sits by the Pravara River, and the natural environment, waterfalls, mountains, Wilson dam, Arthur lake and Randha falls are tourist attractions. We have started our journey from kalyan station by bus and reach Bhandardara at 1.00 pm. But we had so many halts for the study of flora on the way.

The students studied various species of bryophytes such as *Riccia*, *Marchantia*, *Funaria*, *Cyathodium*, etc., the species of pteridophytes such as *Nephrolepis*, *Adiantum*, *Asplenium*, *Pteris*, etc. Bhandardara has very rich biodiversity of angiospermic plants. It has *Terminalia chebula*, *Mangifera india*, *Carrisa caronda*, Jamun, Arjun dominant species along with *Ipomoea carnea*, *Caesalpinia decapetala*.

BHAVAN'S HAZARIMAL SOMANI COLLEGE OF ARTS & SCIENCE, SHRI MANUBHAI MANEKLAL SHETH JUNIOR COLLEGE OF ARTS AND SCIENCE AND JAYARAMDAS PATEL COLLEGE OF COMMERCE AND MANAGEMENT STUDIES, MUMBAI – 400 007

Along with studies students also visited the famous tourist attraction. Wilson Dam on the Pravara River, which was built in 1910. The Umbrella Falls also draw visitors, although it can be seen only during the monsoons between July and October. About 10 km away from Shendi Village is the Randhaa Waterfalls. The Ratangad fort is around 22 km from Shendi/ Bhandardara, and is connected by both roadway, and ferry across the Lake Arthur.

Activity Photographs



BHAVAN'S HAZARIMAL SOMANI COLLEGE OF ARTS & SCIENCE, SHRI MANUBHAI MANEKLAL SHETH JUNIOR COLLEGE OF ARTS AND SCIENCE AND JAYARAMDAS PATEL COLLEGE OF COMMERCE AND MANAGEMENT STUDIES, MUMBAI – 400 007



Department of Botany

EXCURSION (Long) REPORT 2022-23 (TYBSc & SYBSc)

Event Title: Excursion to Haridwar, Dehradun and Mussoorie

Date: 29th January to 5th February, 2023

Venue: Uttarakhand Haridwar, Dehradun and Mussoorie

Aims & Objectives:

- To provide an authentic learning experience
- Conducting a field trip for students is to reinforce experimental and contextual learning
- To develop observational skills
- To improve social interaction among the students
- To refresh students knowledge
- To develop creativity skill among students

No of Students: 33 students

The department of Botany organized a long excursion for the second and third year B.Sc students from 29th January to 5th February, 2023. A long excursion was conducted for the students of TYBSc and SYBSc to Haridwar, Dehradun and Mussoorie. The excursion was organized under the guidance of Dr. Suraj Gajbhiye, Dr. Utkarsha Chavan and Miss Leance Mendonsa along with a non teaching staff accompanied the students.

The following places visited during excursion were:

- Haridwar – Pantanjali research centre, Herbal garden and Nursery
- Deharadun – Forest Research Institute and Wild life Institute of India, Botanical Survey of India
- Mussoorie – Deer Park and Dhanolti Eco Park.

The students visited Patanjali Research Center and Patanjali University where they learnt various fruiting and flowering medicinal plants and their cultivation, care and propagation. Students also visited the Herbal garden and nursery. Visit to FRI helped students to study anatomy of wood. Dr. Himanshu from FRI guided the students through the museum and various divisions of FRI. Timber museum showed Deodar trees 704 life scale, 'Lantara' made structures were carved out and put in display. Visit to Botanical Survey of India helped students to study the Herbarium library. Visit to Dhanolti Eco park was one of the most delightful of all the visits. In Dhanolti- located amidst thick Pine forest, trekking along the narrow path helped students to study the various plants.

Activity Photographs



Photo 1- (a & b) Visit to Patanjali Research Center and Botanical Survey of India.





Photo 2- Nature trail to Dhanolti Eco Park.

EXCURSION REPORT 2023 (FYBSc)

Event Title: Visit to Flower and Fruit Exhibition

Date: 4th February, 2023

Venue: Veermata Jijabai Bhosale Udyan (Rani Baug), Byculla

Aims & Objectives:

- To provide an authentic learning experience
- Conducting a field trip for students is to reinforce experimental and contextual learning
- To develop observational skills
- To improve social interaction among the students
- To refresh students knowledge
- To develop creativity skill among students

No of Students: 23 students

Students of FYBSc visited Flower and Fruit Exhibition, Rani Baug(Byculla) on 4th February, 2023 under the guidance of Dr. Vijay Hile and Ms. Riddhi Vaidya for the study of Flora.

An 26th edition of the exhibition was organized by Garden departmentat of BMC at Rani baugh in Byculla, Mumbai. The vibrant flower show exhibits various shrubs of exotic vegetables, fruits and spices. Selfie points were also created. Apart from this saplings, soil, gardening equipment and even manure from the stalls put up here. That place was a botany class for students who can observe different species of fruit-bearing trees, medicinal shrubs, bonsai, exotic vegetables, spice shrubs and even ornamental shrubs, all in one place.



Excursion Report 2022-23

Event Title : One day excursion of F.Y. B. Sc

Aim : To learn about the Flora and Fauna and variety of butterflies in the garden

To study about waste water management

To study the process of vermicomposting.

Event Date: 08/10/2022

Event Venue: Mahim Nature Park, Sion Mumbai

Event Detail:

As per the syllabus framed by Board of Studies in Botany, University of Mumbai, the department of Botany along with the Department of Zoology conducted a day visit to “Mahim Nature park” also known as “Maharashtra Nature Park”, Sion Mumbai on 08th October 2022. The Head of the Department Dr. Vijay Hile along with co professors Dr Suraj Gajbhiye, Dr Utkarsha Chavan and Miss Leance Mendonsa guided the student. The expert person Ms Rasmi gave us an overview of the park and as a butterfly expert, took us on a beautiful tour discussing the ecology of butterflies. Later on, the nature trail was also conducted to study the flora and fauna. Students studied a different type of vegetation such as Nakshatra garden, Butterfly garden, species of Fungus, algae, bryophytes pteridophytes and angiosperm.

At present there are more than 14000 plants of different species. MNP has developed insect fauna very special for region. Plants and Insects are one of the good indicators of environmental quality of ecosystem.

Event Pictures :



Photo2(a &b): Explanation by Exper Ms. Rashmi and Entire Group at Mahim Nature Park



Photo3(a &b): Group photo and photo exhibition study at Mahim Nature Park

Conclusion:

Mahim Nature Park is become a good example of man made forest. MNP is important to a city like Mumbai and it also plays an important role in creating environmental awareness. Most trees in MNP exist as a result of natural propagation by insects, birds and mammals. The main idea of setting up a similar center should not be beautification, but to create a natural habitat within the city.

Parks like MNP have the potential of changing the way people think. And changing people's thought process towards a better and secure future is what education and awareness are about.

