

St. Xavier's Institute of Education
Two Year B.Ed Program 2017=18
Second Year, Semester III 2018-19
Method Club Activity
Field Visit to Godrej Archives
Tuesday, 13th November, 2018 TIME: 1pm to 5 pm
A REPORT ON VISIT

History Pedagogy

History basically acts a base to all subjects; it focuses on how things have evolved. Not only about past but present which makes it easier to understand the consequences in the future. History is not just about wars, battles, kings and queen but History is about the whole society where you me and everyone lives. The way Physics Chemistry follow procedure to reach a conclusion, History is backed by evidences where Archives have a major role to play.

Pedagogical Relation

- Soaps-marks the timeline, evolution, of how soaps were back then with the use of basic products to how soaps have now changed initially the 1st soap launched by Godrej was named as Godrej which later changed over the years to Cinthol and so on....Godrej highly focused on the quality of their product then and even today.
- Locks- types of locks earlier days with 8 levers and later 6 levers, bringing in the history of how safe and locks were back then to now manual locking or digital locking even through a smart phone, traces the history of lock system.
- Typing machine- 1955 - Jawaharlal Nehru was the one launching the 1st typing machine which marks on how important and bringing in the common people the motivational drive to be self independent... This was also used a Marketing gimmick through ads because it was launched with the support given by our President Jawaharlal Nehru at that time.
- Refrigerator -History of refrigerator to now portable freezer namely "ChotuKool"
- Women of Malaysia -1965- An interesting ^{story} of breaking the stereotypes where women from Malaysia were a huge support to the company where they worked as equal to the men out there, marking the history of how Godrej has not neglected the efforts of women who played a major role in uplifting the company.

English Pedagogy

Museums display histories, timelines and perspectives you may have never heard before, which may alter the mindsets of people who have never been educated outside the mainstream culture. However, language is fundamental to everything we do: on the out-front it helps us to communicate ideas, express our feelings, persuade and present ourselves to different audiences. On the other hand the major characteristic of language is that it helps carry forward the culture of the society.

Language is used in many forms as displayed in the images. Without this exchange of thoughts it is impossible to express or communicate with one another. Be it an archive that gives information about the history of a company, it is impossible to interpret the history without using the combination of symbols and pictures to express it in language. Without language history will be an untold, unexpressed story one can only wonder what it must have been but never be able to interpret. Thus, language is of prime importance for the advancement of the world and can be found in all minor to major aspects of life.

Mathematics was seen extensively throughout the tour of the Godrej Archives. To name a few they were seen in the form of shapes of locks, ratio and proportions used in the conservation lab, timeline and especially in the use of the numbering system.

Math Pedagogy

The Archives has a collection of documents which include letters, reports, newspaper clippings, photographs, drawings, audio-visuals etc. and even memorabilia which are label, numbered and grouped together for record management and easy retrieval at any given point of time. A floor map of the Godrej property in Vikhroli on either side of the LBS Marg too was exhibited and each unit numbered. An e-reader was accessible to learn more about the individual units which are either the manufacturing plants, corporate buildings or those that are leased out to corporate.

Locks were the first product manufactured by Godrej that brought them into the limelight in the Indian Market. On display were a number of locks manufactured over time. The initial shape of the locks were rectangular, however as customer complaints poured in because of the sharp edges which lead to cuts & bruises, the locks were changed to a more semi-circular shape. A small red colored heart shaped lock was also part of the exhibit.

The Godrej locks had a six to the traditional eight lever locking system as they wanted to emphasize on the quality of the products more than the quantity. By using metal of superior quality the number of levers used was reduced trying to break the general mindset that more no of levers equated to more safe, secure and stronger locking system.

At the conservation lab, it was communicated that the Memorabilia Collection containing old products awards, gifts, souvenirs framed works and art works received by Godrej family members and employees where many a time discolored and fragile with the passage of time. To restore them to their original form chemicals had to be used carefully and in the correct proportion. Any error such as a more concentrated solution would damage the article irreversibly.

Lastly a timeline in mathematics being a more numerical representation was seen firstly in the different soaps that were manufactured from the early 1900s. Also, a timeline representing the evolution of Godrej Aerospace from 1985 to as recent as 2017 was available describing the step by step process of Godrej's foray into aerospace.

Science Pedagogy

Godrej was the first company to produce soap made up of vegetable oil by boiling alkalis with vegetable oil. This was done to protect the sentiments of the Muslims and Hindus of India as generally the soap would be made out of lard.

The ballot box used in the election of 1951 had an internal locking system which locks the box by turning the knob and is unlocked by pulling a lever through the hole. Godrej was the first to develop a ballot box with an internal locking system that helped the elections of 1951.



- Chotukool archive which basically was built to help the people of rural areas to refrigerate food. This device could cool up to 5 degrees when a 12v DC was applied. The concept of thermoelectric cooling was used to build this product along with frugal innovation was done.



- Acid free record box which has a Ph. level of 7 which makes it neutral and helps in the preservation of artifacts.
- The temperature of the record room, the humidity and the air-conditioning was controlled to help in the preservation of the important documents and photographs.

Economics Pedagogy

Economics is study of the growth of the nation how the nation is developing and which are the different factors which are affecting as well as supporting the development of the nation. Visit to Godrej archives was a visit to know how the data stored by the Godrej archives could be useful in transacting the teaching of economics to students, visit to archives made me realize that economics could also be taught using history as Godrej archives has been established to do research for business education but not only it could be related to business education but also in teaching of economics.

When company got established in 90's its basic perspective was to use Indian products and boycott foreign, companies first product was locks and simply from locks the journey continued to the supply of the parts in big project like chandrayan and mangalyan, the company has a huge history of contributing to the nation economy too.

Like few history of the Godrej company can be used in teaching of economics like



- **Typewriter:** Production of typewriter example could be used when teaching students how indian social economy developed where teacher could tell students about how with production of typewriter brought efficiency in the recording of data and also lead women empowerment and became source of income for many Indian.



- **Launch of soaps:** Manufacturing of Godrej soaps with use of vegetable oil bought a product which was required by the indians so that they could use indian soaps and boycott foreign soaps and also it has a history of their first women sales employee who was the first woman employee in the company this example could be used to teach students that how to increase the sales of indian products the company used the strategies of using vegetable oils instead of fat of animals.



- **Advertisement:** The advertisement of safe locks these advertisement could be used to show how in those days the advertisement were in so detail and also could be to analyze for research studies.



- **Conservation lab:** It could be used to teach students the importance of keeping records safe for hundreds of years for different use.

Peace Education

Peace education is the process of acquiring the values, the knowledge and developing the attitudes, skills, and behaviors to live in harmony with oneself, with others, and with the natural environment.

➤ **Aspects of social peace**

- Employing skilled and trained Indian labors Employment against western engineers provided a great chance for social parity. Not only the locals got job but their kids got good education and family got good health securities. Therefore, it is evident how godrej carried out social empowerment leading to peace and prosperity in society.
- Godrej Products through the ages especially during the world wars Godrej has made locks, soaps, typewriters, refrigerator, helps in making rocket parts to ISRO, etc. But it is incredible that never made any artillery or weapon parts. Though the world wars would tempt Godrej to mould guns rather than chests and locks but Godrej was not associated with any weaponry what so ever. Instead it made a tool of democracy- ballot box.



- Opening the archive for educational visits Is one activity to educated people about the social empowerment and make them understand our history better enabling us to live and respect our culture better.

➤ **Aspects of peace with environment**

- Shaping Vikhroli through Environment Sustainability By building houses and apartment which are hugely tree and greenery laden. Environmental protection , sustainability and enrichment is key.
- Godrej Mangroves at Thane creek is another attempt to restore and sustain environmental balance by planting a tree against every unit of factory. It homes the largest migratory ground for flamingo birds.



➤ **Conservation, restoration and promotion of history**

- Past inspiring the Present to handle the presenting conflict of the age The idea of restoring and conserving basically finds its roots in the fact that we have to know where we have come from and where we have to go. It trains us by educating how our ancestors handled a conflict, that is, British Empire and Indian Freedom struggle.
- Not a means to end but end in itself. There is no special purpose or economic profitability that the archive makes. At surface, it has no specific targets to meet or no. to attend. It is an ongoing process of conservation, restoration and promotion.

➤ **21 century life skills at display**

- Team work and collaboration towards a shared vision. is displayed as people from science background, social studies background, computers and technical background work in collaboration as a team towards the shared vision.
- Creativity, Problem solving and Critical thinking. The team employs creative methods of conserving, restoring and promoting the artifacts. It also involves problem solving on regular basis and high level of critical thinking in order to restore a rusted metal piece into a historical artifact.

- Global and Cultural awareness. The archive does provide immense global and cultural awareness through the initiatives and discoveries that it has made throughout the years. Example, first soap made of vegetarian oil, or making parts of rocket for ISRO.

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