



Tapaswi Public Charitable trust Yeoti's
Venkatesh Mahajan Senior College, Dharshiv
(Osmanabad)
Department of Chemistry



Academic Year 2021-22

27/04/2022 Wall Paper Presentation

Wall paper presented by BSc II students. The wall paper is inaugurated by Dr. Prashant Choudhary sir, Dr. Jayashree Kulkarni, Dr. Vinodkumar Viyachal sir, Dr. Makarand Choudhari sir, Mr. Nitin Tupsamindar, Mr. Shivaji Khadke, Mr. Pradeep Joshi sir. The students participated are Aniket Sonwane, Sujit Korke, Omprakash Shinde, and Akshay Thombre.



7/05/2022 Wall Paper Presentation

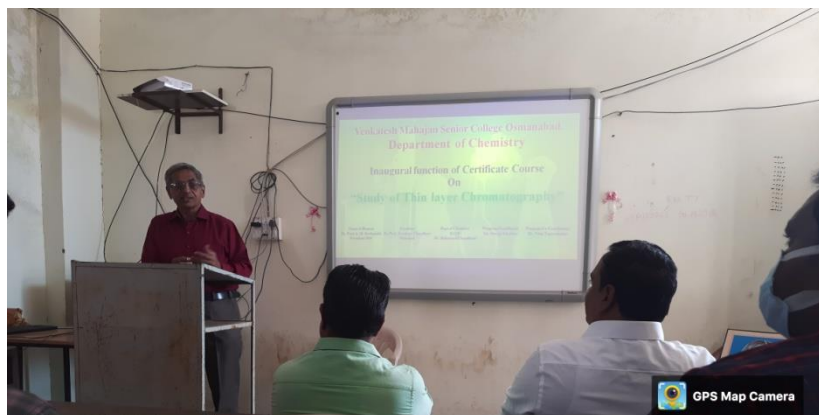
Wall paper presented by BSc I students. The wall paper is inaugurated by Dr. Prashant Choudhary sir, Dr. Jayashree Kulkarni, Dr. Vinodkumar Viyachal sir, Dr. Makarand Choudhari sir, Mr. Nitin Tupsamindar, Mr. Shivaji Khadke, Mr. Pradeep Joshi sir. The students of B.Sc first year are participated and they are Aniket Sonwane, Sujit Korke, Omprakash Shinde, and Akshay Thombre.



22/12/2021 Certificate Course (60 days or 4 Credit)

(Thin Layer Chromatography (TLC) techniques in separation and Identification of organic compounds for industrial training)

Department of Chemistry has started Certificate Course is of 4 credits for B.Sc. Chemistry Students. This certificate course is inaugurated by Dr. A.M. Deshmukh (President of microbiologist society of India), Dr. P.G. Choudhari (Principal). This course is useful for getting jobs in chemical industry because TLC techniques mainly used in every Chemical and Pharmaceutical Industry. This Course is for 60 days. This certificate Course includes theory as well as practical techniques. This course is certificate course. With the help of this technique students can identify as well as Separate Organic and Inorganic chemicals very easily. This method requires less instrumentation, less money and having high accuracy.



22/12/2021 Guest lecture

By Dr. A.M. Deshmukh (President of microbiologist society of India)

On Thin Layer Chromatography (TLC) techniques in separation and Identification of organic compounds for industrial training.

Dr. A.M. Deshmukh sir, Delivered lecture on above mentioned subject. He suggested student's to attend laboratory practicals regularly and seriously. He also gave information about how to work in industry and how to follow safety rules. He emphasises the technique used in the pharmaceuticals industry.



31/12/2021 Month wise Unit test for B.Sc I, II, III

Chemistry department's one of the best the best activity i.e. Month wise unit test. The students participated in the unit test. Students prepare one chapter or lesson and on that they give the exam. After two days department has declared the result.



Exam appeared students



22/12/2021 Wall Paper Presentation

Wall paper presented by B.Sc III students. The wall paper is inaugurated by Dr. A.M. Deshmukh, Dr. Anar Salunke, Dr. Prashant Choudhary, Mr. Sachin Mahajan, Dr. Makarand Choudhari sir, Mr. Nitin Tupsamindar, Mr. Pradeep Joshi, Mr. Shivaji Khadke. The students Participated are Aniket Sonwane, Sujit Korke, Omprakash Shinde, and Akshay Thombre.



26/01/2022 QR (Quick response) Code Inauguration

On the Occasion of republic day Department of Chemistry has inaugurated QR code for Access of Books and joining whatsapp Group for students. QR code was inaugurated by Respected Dr. Abhay Shahapurkar, Mr. Sheshadri (Anna) Dange. For this function and inauguration Principal of our college Dr. Prashant Chaudhary, Dr. Makarand Choudhari (Head) and all Chemistry Faculty, students were present.



09/04/2022 Industrial visit to Dharashiv Sakhar Karkhana and oxygen Plant, Chorakhali

Department of Chemistry arranged one day industrial visit to Dharashiv sakhar karkhana and oxygen plant, Chorakhali. All Chemistry Department students visited and Dharashiv sakhar karkhana and oxygen plant, Chorakhali on 09/04/2022. In this industrial visit all faculty members and 60 students were participated.

In this process, we have observed...

Sugar Cane receiving and unloading means receive the cane at the factory and unload it from the transport vehicles.

- Sugar Cane preparation means cutting and shredding cane to prepare it for juice extraction.
- Juice extraction common use is milling.
- Juice clarification means remove suspended solids from the juice, typically mud, waxes.
- Juice evaporation (to concentrate the juice to thick syrup of about 65brix.
- Crystallization.
- Separation of the sugar crystals from the mother liquor, most done by centrifugal machines
- Sugar drying
- Packaging and delivery

Energy in the Sugar Mill:

The remaining fibrous solids, called bagasse, are burned for fuel in the mill's steam boilers. These boilers produce high-pressure steam, which is passed through a turbine to generate electrical energy.

The exhaust steam from the turbine is passed through the multiple effect evaporator station and used to heat vacuum pans in the crystallization stage as well as for other heating purposes in the sugar mill.

Bagasse makes a sugar mill more than energy self-sufficient; surplus bagasse goes in animal feed, in paper manufacture, or to generate electricity for sale.

Industrial visit to Dharashiv Sakhar Karkhana and oxygen Plant, Chorakhali



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