

Shetkari Shikshan Prasarak Mandal's

Krishna Mahavidyalaya, Rethare Bk

IQAC 2021-2022

ACTIVITY REPORT  
PHYSICS DEPARTMENT

IQAC ACTIVITY No:

NAME OF THE ACTIVITY: Field Project at "Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana ,Rethare Bk."			
DATE	FACULTY	DEPARTMENT/COMMITTEE	COORDINATOR NAME
30 <sup>th</sup> Feb 2022,	Science	Physics	Dr. Dhanaji S. Dalavi
TIME	VENUE	NUMBER OF PARTICIPANTS	NATURE: Outdoor/Indoor
8.00 to 2: 00 pm	Yashwantrao Mohite krishna Sahakari Sakhar Karkhana ,Rethare Bk.	05 students + 01 faculty	outdoor
SUPPORT/ASSISTANCE:	Nil		

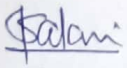
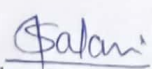

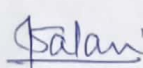
BRIEF INFORMATION ABOUT THE ACTIVITY (CRITERION NO. - ):

TOPIC/SUBJECT OF THE ACTIVITY	Field Project at "Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana, Rethare Bk."
OBJECTIVES	to reinforce experiential and contextual learning and to enhancing classroom learning by making real world connections.
METHODOLOGY	Plant visit
OUTCOMES	Students got a great opportunity to get an exposure to the details of the sugar manufacturing technology and bagasse-based power generation technology which are not usually visible, by observing the machineries and equipment

PROOFS & DOCUMENTS ATTACHED (Tick mark the proofs attached):

1. Notice & Letters	2. Student list of	3. Activity report	4. Photos	5. Feedback form
6. Feedback analysis	7. News clip with details	8. Certificate	9. Any other	10.

IQAC CELL ACTIVITY NUMBER:

NAME OF TEACHER & SIGNATURE	NAME OF HEAD/ COMMITTEE INCHARGE & SIGNATURE	PRINCIPALS SIGNATURE	IQAC COORDINATOR (SEAL & SIGNATURE)
 Dr. Dhanaji S. Dalavi	 Dr. Dhanaji S. Dalavi <b>HEAD</b>	 <b>Principal</b>	 <b>IQAC, Coordinator,</b> KRISHNA MAHAVIDYALAYA, Rethare Bk, Shivnagar - 415108 Tal. Karad, Dist. Satara

DEPARTMENT OF PHYSICS, KRISHNA MAHAVIDYALAYA, Rethare Bk, Shivnagar - 415108 Tal. Karad: 415 108 (MS)

**Shetkari Shikshan Prasarak Mandal's**  
**KRISHNA MAHAVIDYALAYA, RETHARE BK**  
**DEPARTMENT OF PHYSICS**  
**ONE-DAY STUDY TOUR (FIELD VISIT REPORT)**

**Place: Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana, Rethare Bk**

**Date: 30<sup>th</sup> March 2022**

**B.Sc. Part- III**

A one-day study tour (field visit) for B.Sc.III physics student was arranged on 30<sup>th</sup> February 2022 to visit Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana, Rethare Bk. Mr. Vinayak S. Jadhav along with other teachers accompanied the B.Sc. III students.

The main purpose of the said visit at the sugarcane factory was to observe the co-generation power plant/electricity from sugarcane bagasse and to achieve practical knowledge of how electricity can be generated from sugarcane bagasse.

As the sugarcane factory is nearby our college campus, we started our journey early in the morning at 8.00 am and reached there at 8.20

Engineers gave detailed information about the co-generation power plant which has a capacity of 16 MW. We had made thorough discussion on the production of power/electricity from sugarcane bagasse through steam. The pressure of steam required to rotate the turbine. The principle and working of the turbine have been explained in detail.

The power plant at Yashwantrao Mohite Krishna Sahakari Sakhar karkhana is one of the largest bagasse co-generation plants in Maharashtra which has a capacity of 16 MW. It uses bagasse during the sugarcane crop period to generate steam and electricity for the cluster and electricity for the national grid.



**HEAD**  
DEPARTMENT OF PHYSICS  
KRISHNA MAHAVIDYALAYA,  
Rethare Bk; Shivnagar - 415108



संहती कार्यसाधिका । शिलं परं भूषणम्  
Shetkari Shikshan Prasarak Mandal's

# KRISHNA MAHAVIDYALAYA, RETHARE BK.

Shivnagar, Tal. Karad, Dist. Satara, 415 108 (M.S.). Phone : 02164-266346, Fax : 02164-266347  
Email : kmr\_sspm@yahoo.co.in Website : www.krishnamahavidyalaya.com

NAAC 'B+' Grade (CGPA 2.65)



Founder : Hon. Jaywantrao Bhosale

Principal : Dr. Salunkhe C. B. M.Sc., Ph. D.

President : Dr. Suresh Jaywantrao Bhosale

Ref. No. : KMR/Sr/2021-2022

Date : 21

To,

The Managing Director,

Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana,

Rethare Bk

Subject: Request for permission to visit Co-generation power plant.....

Respected Sir,

With reference to the above-mentioned subject, our 05 students from department of Physics would like to visit co-generation power plant of Yashwantrao Mohite Krishna Sahakari Sugar Factory on 30<sup>th</sup> March, 2022.

Herewith I kindly request you to permit us to visit co-generation power plant installed by our factory.

Please do the needful.

  
DISPATCH CLERK

Y. M. Krishna Sahakari Sakhar Karkhana Ltd  
Rethare Bk; Post. Shivnagar,  
Tal. Karad, Dist. Satara

30 MAR 2022

Yours faithfully

  
(Dr. Chandrakant B. Salunkhe)  
Principal

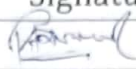
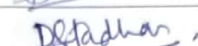

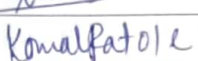
Krishna Mahavidyalaya, Rethare Bk,  
Tal. Karad : 415 108 (MS)

**KRISHNA MAHAVIDYALAYA, RETHARE, BK**  
**DEPARTMENT OF PHYSICS**


**Number of Student Participated in One Day Study Tour (Field Visit)**

Place: Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana, Rethare Bk

Date: 30<sup>th</sup> March, 2022

Roll. No.	Student Name	Signature
301	Pardeshi Siddharth Rahul	
302	Patole Prajakta Balaso	
303	Jadhav Deepika Sanjay	
304	Vagare Sagar Shivaji	
306	Patole Komal	

**List of Teachers Participated in Study Tour (Field Visit)**

Teacher Name	Signature
Mr. Vinayak Sarjerao Jadhav	
Miss. Desawale Suryashree Vilasrao	
Miss. Kadam Amruta Prakash	
Miss. Jagtap Snehal Shrirang	

**Shetkari Shikshan Prasarak Mandal's  
KRISHNA MAHAVIDYALAYA, RETHARE BK  
DEPARTMENT OF PHYSICS**

**Photo**

**Place: Yashwantrao Mohite Krishna Sahakari Sakhar Karkhana, Rethare Bk**

**Date: 30<sup>th</sup> March 2022**

**B.Sc. Part- III**



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**HEAD  
DEPARTMENT OF PHYSICS  
KRISHNA MAHAVIDYALAYA,  
Rethare Bk; Shivnagar - 415108**