Report

On

INDUSTRIAL VISIT

At

Samarth Sahakari Sakhar Karkhana,

Ankush nagar, Tq. Ambad Dist. Jalna

Arranged for

BCA (I,II,III Yr)

Department of Commerce and Management,

Sagar BCA College, Devmurti

Tq.Dist.Jalna

Date & Time of Visit: 24th FEB-2022
Starting Point: Sagar College, Jalna
Duration: 1 Day
Faculty Members: Prof.Najardhane, Prof.Suradkar D.E., Prof. Patil S.P., Mr. Harshavardhan Tanpure
Total Number of Students: 81
Organized By: Sagar BCA College,Jalna.

Samarth sahakari sakhar karkhana sugar factory is registered under the Maharashtra Cooperative Societies Act 1961, on 20th November, In 2002 plant was expanded 1,250 TCD to 2,000 TCD. Then in 2007 it was expanded up to 3,500 TCD. Lastly it was expanded in 2009 with a crushing capacity of 5,000 TCD. Sugar is manufactured through Double Sulphitation Process and to reach the International standard of Sugar Syrup Clarification System has been installed in factory. Major products are as follows:

SUGAR:

The sugar which is a Carbo-hydrate is obtained from sugar cane and is known as Cane Sugar. It contains 99.50% sucrose Actually cane sugar is chemically known as Sucrose which is disaccharide. It is soluble in water. Sucrose is dextrorotatory on hydrolysis.

BAGASSE:

Bagasse is the residue obtained from crushing cane in the mills. It contains about 50% moisture and 2% sugar and the balance is fiber. It is also very commonly used as fuel in boilers in the Sugar Factory. Bagasse is used as a row material for the production of Cellulose, Furfural, Paper, Particle board, Cattle feed etc.

MOLASSES: Molasses which is also known as black strap molasses or treacle is a dark brown viscous liquid obtained as a by-product in processing Cane Sugar. It contains nearly 45% uncrystallized, fermentable Sugar & some Sucrose.

RECTIFIED SPIRIT (RS): It is manufactured by Formation & Distillation of molasses. It is used for manufacturing of Acetic Acid, Acetone, Oxalic Acid Absolute Alcohol & other various chemicals.

ABSOLUTE ALCOHOL (ETHANOL): It is manufactured by Azeotropic Distillation. It is used as Fuel in Automobile and also in Pharmaceutical Industries.

SUMMARY

The visit was aimed to enhance operations that are used in the Samarth sahakari sakaar karkhana, and to understand the different process implemented to prepare sugar from sugarcane. At Industry students were able to see and understand different mechanical

operation carried out in industry e.g. cutting, shredding, screening, centrifuging etc. Students have experienced the actual operations which are being taught in the classroom e.g. evaporation, crystallization etc. The aim of visit was fulfilled at the end of "SUGAR INDUSTRY" visit.

ACKNWLEDGEMENT

We would like to thank Dr. Mahajan V.V. (Principal, Sagar BCA College, Jalna.) and the management of Sagar Educational institute for permitting us for industrial visit at, Samarth sahakari sakaar karkhana, Jalna. We would also like to acknowledge Rajesh tope, staff, Samarth sahakari sakaar karkhana for allowing a visit in industry and to Mr Solanki for giving his valuable inputs to the students and his excellent support

Field Visit Report

A Venue :Kusum agro products and tourism,Somnath Jalgaon,Jalna

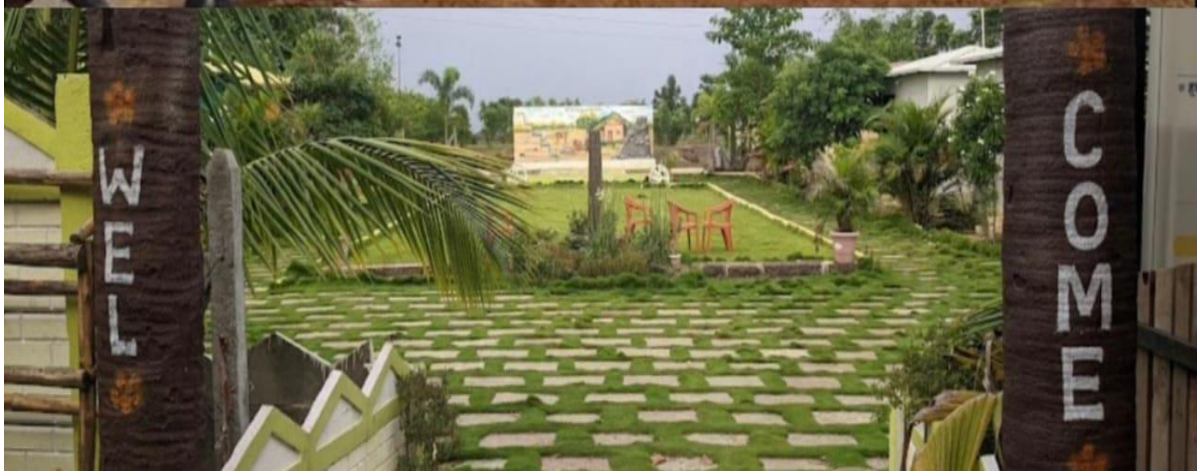
Date:10/01/2023

M.Lib.batch of II semester students of department of Humanities along with two faculties visited Kusum Agro Products and tourism, on 10.01.2023. kusum agro products and tourism is the first dairy company to develop and use thermal battery-based technology in its BMCs, for chilling milk immediately after procurement. This helps in chilling the milk right at source, even in rural areas with irregular power supply.

The company employs at least two types of testing: Gerber Method and Eko Milk Analyzers. The milk is then subjected to pasteurization, homogenization and bacteria clarification all performed by a staff of professionals with the single-minded goal of adhering to the highest standards of quality. This visit was mainly focused on to understand the processing of milk involved, the technology and equipments used.

Mr. R. Mule (HR) explained about the facilities available inside the company. Mr. S. Arjun (Lab incharge) explained the milk processing, preparation of types of milk, analysis of milk, despatching unit of milk products and storage of the milk etc., After the visit, The students able to understand the processing of milk and curd, analysis of quality of milk, despatching process of milk, preservation of milk.

Students got very imp information about milk ,milk is vital product for day to day life for human being.basically many students are from agricultural background so they got useful information for their animals.so all day spent well as field visit.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COME

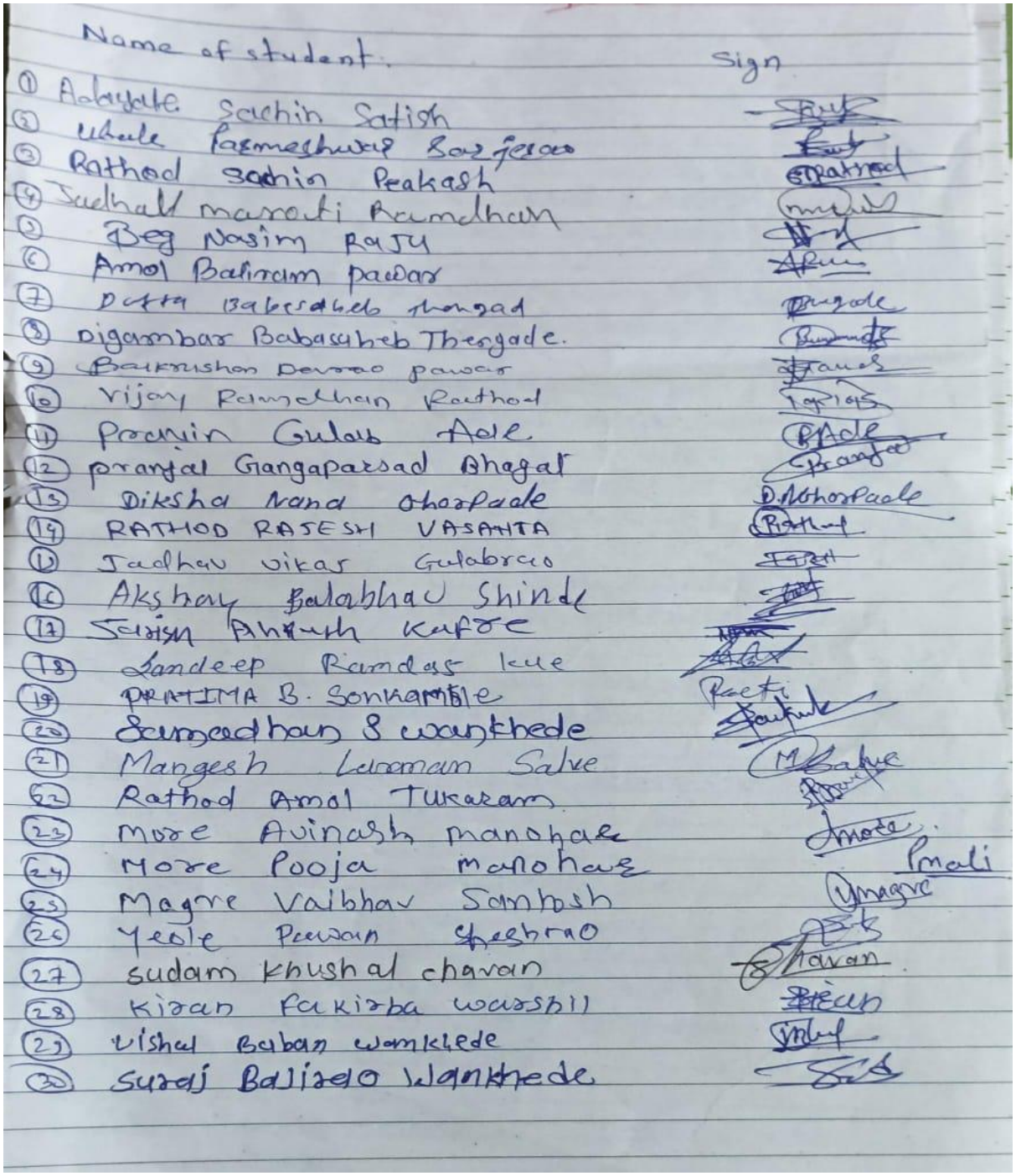
A Venue :Kusum agro products and tourism,Somnath Jalgaon,Jalna .

Date: 10/01/2023

Total no of students Attended: 30

Total no of faculty Accompanied:-05

Attendence Sheet:



	Name of student.	Sign
1	Adagale Sachin Satish	
2	Ukale Parmeshwar Sarjerao	
3	Rathod Sachin Prakash	
4	Sudhal maruti Ramdhan	
5	Beg Nasim RAJU	
6	Amol Baliram pawar	
7	Datta Babasaheb Thorgad	
8	Digambar Babasaheb Thergade.	
9	Balkrishan Devrao pawar	
10	Vijay Ramdhan Rathod	
11	Pravin Gulab Aole	
12	pranjal Gangaprasad Bhagat	
13	Diksha Nana Thorpade	
14	RATHOD RASESH VASANTA	
15	Jadhav vikas Gulabrao	
16	Akshay Balabhau Shinde	
17	Satish Ashruth Kufre	
18	Sandeep Ramdas kute	
19	PRATIMA B. Sonkambale	
20	Sumedhan S wankhede	
21	Mangesh Laxman Salve	
22	Rathod Amol Tukaram	
23	More Avinash manohar	
24	More Pooja manohar	
25	Magre Vaibhav Santosh	
26	Yeole Pawan Shesharo	
27	sudam khushal chavan	
28	Kiran Fakiraba wasshi	
29	Vishal Baban wankhede	
30	Suraj Balirao Wankhede	

A Report on

Industrial Visit

At

“Vinodrai company Private Limited, India”, Jalna.

EXECUTIVE SUMMARY Commerce and management and Cs Department of Sagar BCA College,Devmurti arranged an industrial visit Vinodrai company Private Limited, India on 4 Feb 2024 with students of BCA And BCS. The purpose of the visit was to enhance industrial exposure of the students, get practical knowledge of manufacturing procedure of various products made by casting processes and related with other advanced machineries. The team of two faculty coordinators Dr. Najardhane ND & Mr.Harshavardhan Tanpure and with them one lab assistant Mr. Vinod Kolhe took part in prestigious industrial visit

AIM OF INDUSTRIAL VISIT

Industrial visit is considered as one of the tactical methods of teaching. The main reason behind thisit lets student to know things practically through interaction, working methods and employment practices. Moreover, it gives exposure from academic point of view. Visiting different companies actually help students to build a good relationship with those companies. We know building relationship with companies always will always help to gain a good job in future. After visiting an industry student can gain a combined knowledge about both theory and practical. Students will be more concerned about earning a job after having an industrial visit.

About Industry

VINODRAI ENGINEERS is a specialist manufacturer & global supplier of rotational moulding machines, based in Jalna, a business town nestled in the state of Maharashtra (INDIA). VINODRAI ENGINEERS PVT. LTD. is a TÜV AUSTRIA certified ISO 9001:2008 company. Volume-wise, Vinodrai is the largest producer of rotational moulding machines in the world. We have successfully installed over 900 automated Rotational moulding machines; in more than 70 countries worldwide, for 500+ satisfied customers. We take pride in constant pursuance of client satisfaction with our excellent after sales support team.Vinodrai's wide range of continually evolving machines includes single station bi-axial machines, three arm bi-axial machines fit clamshell Bi-axial machines, duroline machines with over 35 different models to suit every customer's needs. Spearheaded by technocrat CEO, Mr. Sunil V. Raithatha – a B.E. Mechanical gold-medalist and an achiever in his own right, the company has been on the growth side since inception. In fact under his leadership, "Vinodrai" has ushered the rotational moulding revolution in India with some of the very first machines to its credit.

We value growing business relationships over money and thats what inspires us to excel at engineering and help our clients beyond it. At Vinodrai, We don't just engineer machines, we engineer your growth.

Following process are undertaken for the manufacturing of various casting products:

MELTING

- Induction Furnaces - 2 Panels (Dual as well as Mono Track) with 4 Crucibles

- Melting capacity 40 tons per day liquid metal aggregating 10,000 Tons Castings per annum

MOLDING

- Molding line equipped with ARPA 450 & ARPA 300 equivalent simultaneous jolt squeeze molding machines

SAND PROCESSING

- Green Sand conditioning plants with a capacity of 300 M. T. of processed molding sand per day

- Fluidized bed & rotary drum type sand cooling system equipped with pollution control equipment

COMPONENT DRESSING AND FINISHING

- Chain of fully automatic shot blasting machines equipped with dust collection units

- Full line of swing frame, pedestal, bench and pencil grinders HEAT

TREATMENT

- Oil fired bell type furnace of 2 tons per batch capacity • With auto temperature controller

- With 3 pen graph plotter suitable for stress relieving, annealing, normalizing, tempering, heat treatment process

MACHINING • Set of conventional and CNC machines suitable for various type of jobs (Out sourced) SURFACE TREATMENT

- Crucible type fully equipped gas fired & electric hot dip galvanizing plant (Out sourced)

- Trolley type diesel fired oven and booth type powder coating facility

• Silicate Sand mixtures with Auto Binder Addition Pumps with sand attrition & reclamation plant equipped with pollution control equipment

As scheduled, the visit team reached Vinodrai company Private Limited, India", Jalna

10:00 am warm welcome was received from company representatives and they gave us the brief idea about their work culture, vision & Mission then Technology description by HR member and team was imparted to us. Below is the Technology learning from the industrial visit at Vinodrai company Private Limited, India, Jalna which will impart roots of knowledge in our students of Bachelors of Engineering APPRECIATION The students got the opportunity to learn about different products and process which undergoes the subject Manufacturing Process II. In addition, Machine learning was given by their officials at every corner of their plant. We are really thankful to the Vinodrai company Private Limited, Jalna and their team.

Report prepared by,

Prof. Najardhane ND

(Commerce and Management Dept.)

Sagar Bahhuddeshiya Shikshan Sansthas

Sagar B.C.A.College

Principal | President | Secretary
Dr.V.V. Mahajan | Mr.S.B.Tanpure | Mrs.P.M.Tarakh
Devmurti Tq.Dist.Jalna | 9423748305, 9359532363

Ref No: 029-2023-24

Date. 2/02/2024

SAGAR BCA COLLEGE DEVMURTI, TQ. DIST.

प्रति,
मा.व्यवस्थापक साहेब,
विनोदराय कंपनी प्रा. लिमिटेड,
जालना.

विषय: आपल्या कंपनी मध्ये इंडस्ट्रियल व्हिसिट करण्यास परवानगी मिळणेबाबत ...

महोदय,

वरील विषयी विनंती कि आमच्या सागर बी.सी.ए महाविद्यालय देवमूर्ती ता. जि. जालना येथील बी.सी.ए च्या विद्यार्थ्यांना शैक्षणिक अभ्यासक्रमाबरोबर औदयोगिक क्षेत्राचे ज्ञान अवगत करण्यासाठी इंडस्ट्रियल व्हिसिट म्हणून आपल्या कंपनी मध्ये व्हिसिट करण्याचे योजिले असून ,कृपया कंपनी व्हिसिट करण्यासाठी परवानगी द्यावी, हि नम्र विनंती

आपला विश्वासू ,

PRINCIPAL
Sagar BCA College
Devmurti, Tq. Dist. Jalna

दिनांक: ४ फेब्रवारी २०२४
वेळ: १२-१ वाजता
विद्यार्थी संख्या : २०-२५


Sagar Bahuuddeshiya Shikshan Sanstha's
SAGAR BCA COLLEGE
DEVMURTI TQ DIST JALNA
INDUSTRIAL VISIT


NIKE


SAGAR BCA COLLEGE
TQ.DIST.JALNA

INDUSTRIAL VISIT.

BCS TY

Sr No.	Name	Sign
1]	Sandesh moses pabharre	
2)	Ravi Vijay Kamble	
3)	vicky vijay Kamble	
4)	Vijay Namdev Gole	
5)	NIKHIL P. Gosat	
6)	shubham suresh kharat	
7)	siddharth Uttam kalkade	S.U. kalkade
8)	Sandip Arjun Salave	
9)	Ramdas Dharma Paithane	
10]	Sahil Sanjay Sadavelc	
11)	Dnyaneshwar Sampat mulay	S. mulay
12)	Suraj Rajendra Dabhade	S.R. Dabhad
13)	Samadhan Baburao Pimple	
14	VILAS ANNA BANSODE	VILAS
15]	Pooja Dipak Khaule.	
16]	Diksha Nana Khorlade.	D. Khorlade.
17)	Rohini Punjaram khade	R.P. Khade
18)	Pooja Nandu Salve.	
19)	Rutuja Kondaba Ingole	RK. Ingole
20)	Sakshi Gajanan Patavkar	S.G. Patavkar
21)	Gaykc shital Ganesh	
22)	Arjun Vilas Mhaske	
23)	Venus Waghmare	
24)	Talha Aateef Bukne	
25)	Aniali Sanjay Kharat	
26)		
27		
28		

A Field trip

Class: M.Lib 2nd Year III Sem

Venue : Waghrul

Date:08/05/2025

A field trip was undertaken by the 3rd Semester students of the Department of Master Of Library And Information Science under the guidance of the faculty members on 8 May 2025. The field trip was conducted with the intention to give students a field based study on the importance of composting and its potential of providing a mean of livelihood to the people. Composting is an essential process that can be adopted in order to reduce waste generation and contribute to a environmental conservation as well as to promote sustainability. The field trip was made to the municipal disposable site which is located in Waghrul and is run and maintained by the grampanchyat Waghrul Within the confines of this site a self-help Group, has set up an industrial composting unit where the biodegradable waste collected from the waghrul grampnachyat is turned into fertiliser through various composting techniques. The product is then packaged and sold to various agencies and individuals. It is important to note that this self help group is made up entirely of women rag pickers. The students got the opportunity to learn two composting techniques, namely Bokashi and vertical composting. The trainer gave an excellent deliberation of the techniques and also demonstrated the Bokashi technique along with all the necessary components that were involved. This industrial visit was highly educational for the students who got firsthand accounts of the socio

economic importance of composting from the members of the waghrul Self Help Group As a Department we are thankful to the Principal of Sagar BCA College for her support and encouragement which made this industrial visit possible. We extend our gratitude especially to the women of Waghrul self help group who shared their knowledge and skills with our students