

Sinhgad Technical Education Society's

SINHGAD INSTITUTE OF MANAGEMENT

(Affiliated to Savitribai Phule Pune University, Approved by AICTE

& Accredited by NAAC)



S.No. 44/1, Vadgaon (Bk.), Off Sinhgad Road, Pune 411 041

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Report on Industrial Visit To Cotton King, Baramati

“Travelling in the younger soul is a part of education, while in the elder sort it is part of experience”. To make the students abeam with the practical knowledge the faculty members organized an educational visit for students so that they can understand the industry.

A plant visit to “Cotton king” workshop, Baramati, Pune was organized by the operations department along with HR, IB and IT department of Sinhgad Institute of Management on 28th of August, 2019. A group of 40 students got the opportunity to learn and understand the production process of textile industry accompanied by faculty members Dr. Manoj Kulkarni, Dr. Bharti Jagdale, and Mr. Mangesh Sanap.

The Workshop Manager of Cotton King conducted a very informative session for the students. He guided the students about the production process in their plant which included Quality Checking, Designing, Cutting, Buttoning, Embroidery, Washing, Steaming, Packing were the process explained by him. He made sure that every student was clear with the process so that they can be industry ready. The session was concluded by question- answer session. The questions included demand projection method, Reverse Logistics, Production capacity, discounts offered and so on.

The visit was very informative and successful. Being the budding job aspirants, students were very thankful for the arranged visit.



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Report On Industrial Visit

To Mapro Foods Pvt.Ltd(Mahabaleshwar)



As a part of extra curricular practical learning, 212 students of MBA First Year, along with 10 faculty members underwent an industrial visit to the **Mapro Foods Pvt.Ltd, Wai** on **08-**



04-19.

Trip started with all the students assembling near the college at around 6.30 a.m. After all arrangements and procedures everyone left the college at around 7.45 am (in 5 Buses with 2 faculty coordinator in each bus). At around 9 am, on the way everyone stopped at Hotel Vegas for a heavy breakfast. Menu of breakfast had a variety of items like Idlis, Pohe, Upeet, Vadas etc.




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After this the next destination was Mapro Food Park, Wai. We reached here around 10.00 am. Mapro employees received students at the entrance and gave a brief introduction about the park, followed by the entire briefing about the processing of packaged food items. They took the students inside the factory and explained each steps. After this students were shown a short movie on the history of Mapro Industries. Later on, the students enjoyed the free tasting samples of various Fruit shots, Khakhras etc.



Next destination of the trip was Mapro Garden Mahabaleshwar. On the way to this, at around 12:45 pm everyone stopped at the holy historic Maha Ganapati Temple Wai. At around 1:30 pm we reached Mapro Garden where the lunch was arranged for everyone. Students enjoyed the lip-smacking delicious meal of Pizzas, Sandwiches, Ice-cream and Fries.




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After spending a great amount of time here, at around 3:45 pm buses left to reach the last destination for the trip i.e Mahabaleshwar Market. Here students spent around one hour followed by the ending of trip at 5:00 pm. On the way back to Pune everyone stopped for the tea arranged in a highway café at around 7:00 pm. Finally, everyone reached the SKN parking at around 8:45 pm.

So overall, it was an informative, interesting and a successful visit. For the students of MBA, it was an opportunity to observe practically the overall procedure of production

We have got all the information about the products of the company.



Overview:-




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Located around the idyllic hill-town of Panchgani in Western India, Mapro Foods manufactures Fruit Jams; Fruit beverage concentrates – Crushes and Squashes; and Fruit Bars. With an annual processing capacity of around 30 thousand MT, Mapro is a market leader in Western India. The company has grown organically over the last five decades with sustained profitability. Known for its quality and innovation, Mapro has been built on its founder's philosophy of developing products that are wholesome, nutritious, value-for-money, and imaginative.

A range of nutritive, lip-smacking products:-

Mapro's portfolio of products provides a high quotient of natural fruit in the form of Jams, Fruit bars and chews, Syrups, Crushes, Squashes, and Dessert Toppings. Its range of premium products such as Thandai crush and Kesar syrup are made from the finest selection of exotic ingredients. Mapro's products are known for their wholesome taste and quality, as also their natural goodness and nutritive value.

Mapro was the pioneer of fruit-based confectionery in India, with its first jelly sweets being made from fruit juices and liquid glucose. The 'Falero' pulpy fruit chews, which are better known as 'pates de Fruit' in the rest of the world – are excellent exemplars of Mapro's very own Innovation Labs. Faleros come in unique indigenous flavours that are suited to the Indian palate, like Kacchi Kairi (Raw Mango), Alphonso Mango and Strawberry.

Export:-Markets

Mapro are currently prevalent in the following countries:

- Fiji • Mauritius • Oman • Russia • UAE • Uganda • USA




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Activity Report

Activity Title	Industrial Visit To Bhushan Power & Steel Ltd. (Chandigarh)	Date & Time	13 th March 2020
Activity Category	Industry Visit	Activity Venue	S-12, Conference Hall
Participants	FY MBA	Numbers of Participants	66
Faculty Coordinator	Dr. Rijwan M. Shaikh Dr. Bharti Jagdale Prof. Jaydatta Bangar Prof. Mayuri Tawade		

As a part of extracurricular practical learning, 66 students of MBA First Year, along with 4 faculty members underwent an industrial visit to the **Bhushan Steel Pvt.Ltd, Chandigarh** on 13th March 2020.



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All the students after all the arrangements and procedures left the hotel at 9.00 am in 2 Buses with 2 faculty coordinator in each bus for the Industrial Visit to Bhushan Power and Steel Limited (BPSL).

The company officials: HR Manager and Production In charge welcomed everyone at the BPSL, Chandigarh Facility. Company officials gave important safety instructions to every student before actual tour of the plant



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began. For the sake of convenience student were divided into two groups each of which was led by one of senior company official.

The students got in detail tour of manufacturing facility of BPSL. BPSL is one of the leading companies when it comes to the manufacturing of the Precision Pipes. The precision pipes produced over here are divided into two types as Tubewell pipes and as Raw Material or in process goods to customer manufacturing plants (eg. Precision pipe in Bicycle) and as Final Product which become readily available for retail end customers for their distinguished needs (eg. For decorative purpose like as a rod for curtains..etc.).

The students got the visit to the Production, Quality and the Marketing Managers their team members at the plant guided the students at actual assembly lines and shop floor. They all gave minute of the information of various workings at the plant.

About Bhushan Power & steel Ltd.

Bhushan Power and Steel Ltd.'s Chandigarh plant, is a fully integrated 3.5 million TPA Steelmaking plant having turnover of Rs. 11,288 crores. The company is ISO9001:2008 certified. BPSL is leading manufacturer of flat and long iron pipes products and have state-of-the-art plants at Chandigarh. These plants manufacture value added products covering entire steel value chain right from Coal Mining to manufacturing Pig iron , HR Coils, CR coils, Precision Tubes, Special Alloy Steel wire rods and rounds conforming to IS standards. BPSL cater to Domestic steel requirements of fast growing sectors like Automotive, white goods, construction/ infrastructure, furniture, telecommunication, power etc.



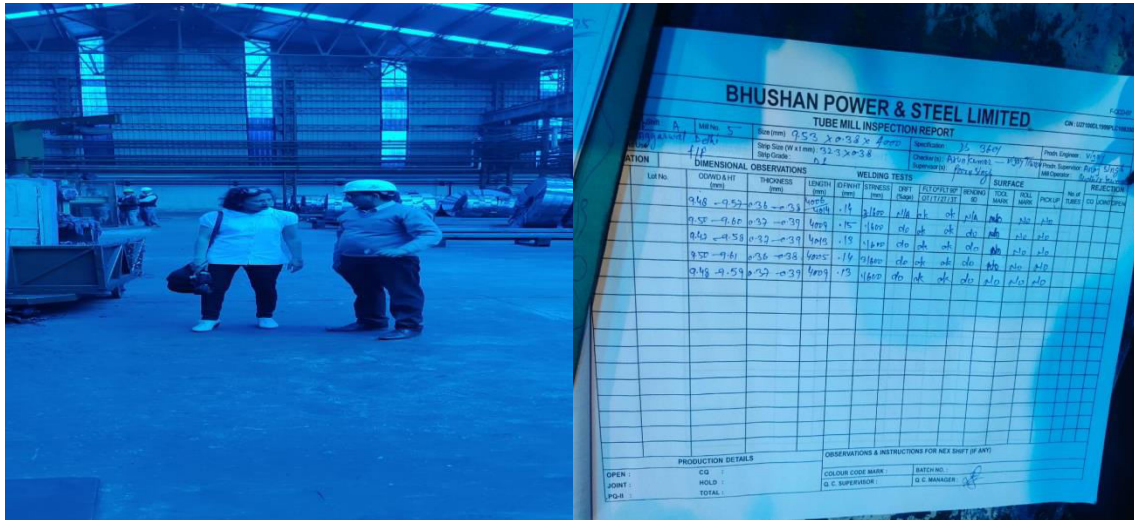
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BHUSHAN POWER AND STEEL LIMITED (BPSL) :

Bhushan Power and Steel is a company that is engaged in manufacturing and marketing of steel products. The present plant at Chandigarh produces Steel Precision Pipes. It is located at Sector No. 141 and 142, Industrial Area, Chandigarh. This is a Business to Business operating company.

The plant produced steel precision pipes of diameter 3.5mm to 9.5mm. The monthly production capacity of this plant is was approximately 70,000 tonnes whereas the warehouse capacity is around 75,000 tonnes.

Earlier the production at BPSL began with the Slits, which are raw materials for these precision pipes. These slits were then cut, cooled down and packed for further shipment. The plant produced precision pipes to sell it to other companies like Honda and others, especially to be used in the manufacturing of two- wheelers. The plant customizes the pipes production according to the requirement of the customer requirements. The Chandigarh plant of BPSL houses around 1000 employees who work in 3 different shifts in a day.

Production of the Precision Tubes Process:

The basic raw material for manufacturing of pipes is HR Coils. After receiving the raw material in Coil shape these are slitted into various widths according to requirements of Pipe diameter at Slitting machine. The



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slitted coil is loaded on the uncoiled and stored in accumulator to enable the continuous running of the mill while tail end of slit is welded with the leading end of next coil with the help of MIG welding. (Pipes (Round & Sections)- process of Tube Manufacturing starts with forming of H.R. Steel strips into Tubular shape & welding the edges under pressure using high frequency induction heating).

The strip is passed through a set of rolls to get the shape and the outer edges of strip are heated by high frequency induction coil. Outside flash of welding is removed with the help of round tool (Scarfig tool) so as to give better finish. The welded tube is again passed through a set of rolls to get the specified tolerances on outside diameter. Inside flash of weld can also be removed if required by the customer above 75mm outside Diameter.

The product range at BPSL is from 10.00mm NB to 200mm NB. After the pipes are ready, these are cut into the required lengths with Programming Logistic Controls (PLC). The cut pipes are sent together to Deburring Machine for removal of burr at the end to avoid any injury to the workmen.

After removal of Burr each pipe is hydraulically tested to check the leakage in the pipe. Various tests according to specifications are carried out at the shop floor itself. After hydraulic testing of pipes at 51kg/cm or as per customer requirement, the pipes are sent for galvanizing process to avoid the rusting on the surface if required by the customer. The pipes are dipped in Hydro Chloric acid to remove the rust from the surface. After cleaning the surface, the pipe is washed in running water. After washing the pipe, it is dipped in flux solution to maintain adherent property of zinc on pipe. The pipes are dipped in a molten zinc Bath at a temperature of 450 C to get the proper adherent Coating. After Galvanizing the pipes are sent for threading wherever it is required. The threading is done on the highly sophisticated machines to have the best threading to avoid any leakage on threads while lying in the use. After threading each pipe is marked with the series paint as required by BIS and bundled for dispatch.

So overall, it was an informative, interesting and a successful visit. For the students of MBA, it was an opportunity to observe practically the overall procedures of production and aspects of its marketing.



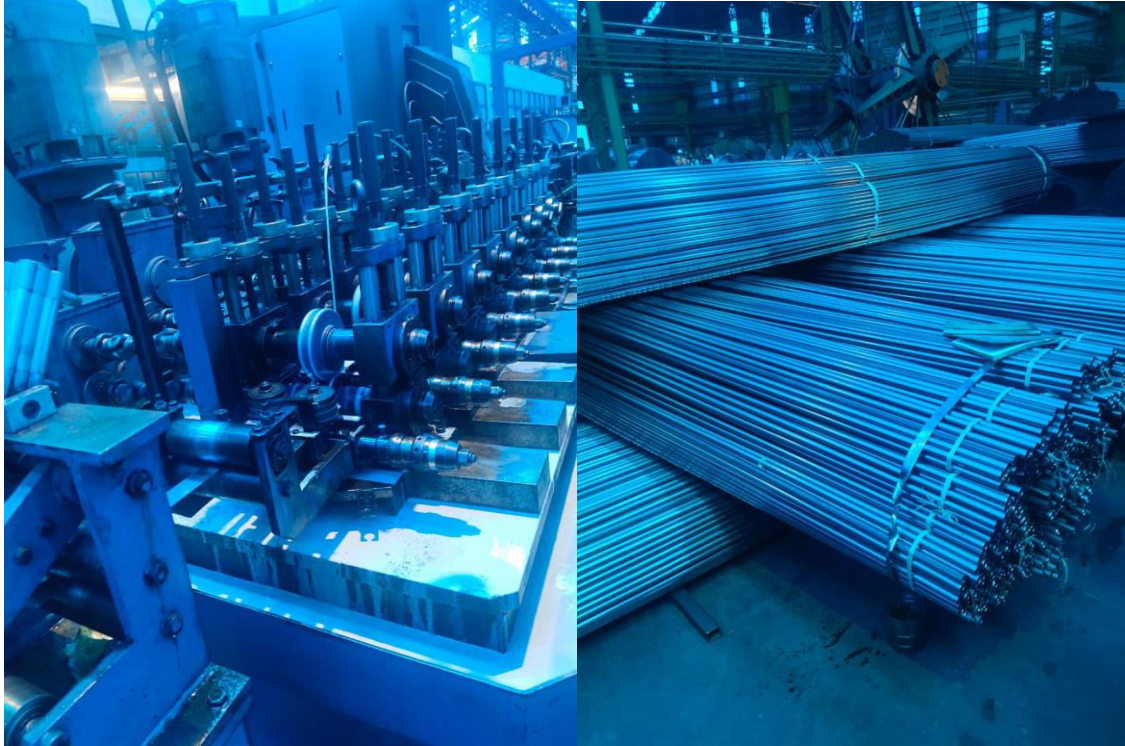
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Mission & Vision of BPSL:-

BPSL mission is to achieve clear identity and leadership globally in Steel production and distribution by integration of complete chain of production starting from captive iron ore to end user steel products.

In pursuing mission, BPSL are guided by following values:-

1. Quality
2. Technology
3. Customer friendly
4. Corporate Governance
5. Environment protection & Practice.

A wide range of products:-

- Galvanized Coil



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- **Narrow HRGP**
- **GP Sheets**
- **GC Sheets**
- **Galvalume Coil etc.**

As a part of learning from practical point of view specially to MBA students, this visit was knowledgeable and will always motivate students to be an Entrepreneur. All the staffs of BPSL were supportive and encouraged the students by sharing their valuable thoughts and understanding various concepts & processes. Heart full thanks to all those who guided us in understanding the BPSL and making this visit a memorable one.

On behalf SIOM, Dr. Rijwan M. Shaikh, Industrial Visit Coordinator, SIOM, thanked Mr. Mishra, HR Manager, Bhushan Power and Steel Ltd by felicitating him with the Memento. Also, Dr. Rajeev Walia, Production Manager, BPSL was felicitated with the hands of Dr. Bharti Jagdale, Associate Professor, SIOM. The Industrial Visit ended on successful note with the Vote of Thanks by the FYMBA student- Ms. Mayuri Jadhav.



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