

**GIDC Engineering College, Navsari.
Mechanical Engineering Department**

Industrial visit Report

J K PAPER LTD, SONGADH

**Central Pulp Mills
Fort Songadh, Distt. Tapi-394660
Gujarat – 394 660
India**

11th January, 2020

BE-III Mechanical students

Students: 42 Nos.

Staff Members: Prof. Dr. H. S. Patil, Dr. D C Patel, Mr. Brijesh Patel

Industrial Visit Report: J K PAPER LTD at SONGADH

1. About Company

J K Paper Ltd. has two large integrated paper manufacturing units – JK Paper Mills, Rayagada, Odisha and Central Pulp Mills, Songadh, Gujarat with a combined capacity of 4,55,000 TPA. It is the market leader in Branded Copier paper segment and among the top two players in Coated Paper and high-end Packaging Boards.

Its products are sold through extensive distribution network of 188 wholesalers, 10 depots & 4 regional marketing offices, and covering nearly 4,000 dealers. It offers a wide product range and its brands are synonymous with premium quality paper.

J K has Wide Product Portfolio as,

- Office papers- JK Cedar , JK Copier, JK Easy Copier, JK Sparkle ,JK Copier Plus and JK Excel Bond. New brands 'JK CMax' and JK Max have established presence in market place.
- Packaging boards- JK TuffCote, JK Ultima ,JK TuffPac , JK IV Board Printing & Writing Papers- JK Cote , JK Ledger, JK SHB, JK Evervite, JK Finesse ,JK Elektra, JK Lumina, JK Ultraprint, JK Esay Draw
- Speciality Papers- MICR Cheque paper, Parchment , Cedar digital

Leading exporter of Branded Copier Papers from India with exports to 35 countries.

Contact Personnel: Mr. Nitin Dodia (Maintainace Head)

Address: **Central Pulp Mills**
Fort Songadh, Distt. Tapi-394660
Gujarat – 394 660
India
Ph. No: 7567974487

2. J K PAPER, SONGADH facilities

JKPM was commissioned in 1962 with an integrated pulp and paper plant with 18000 TPA installed capacity.

Over the years, production capacity been enhanced with the addition of 4 more paper machines. It manufactures a diversified product range from 58 GSM to 300 GSM of different grades of paper & boards.

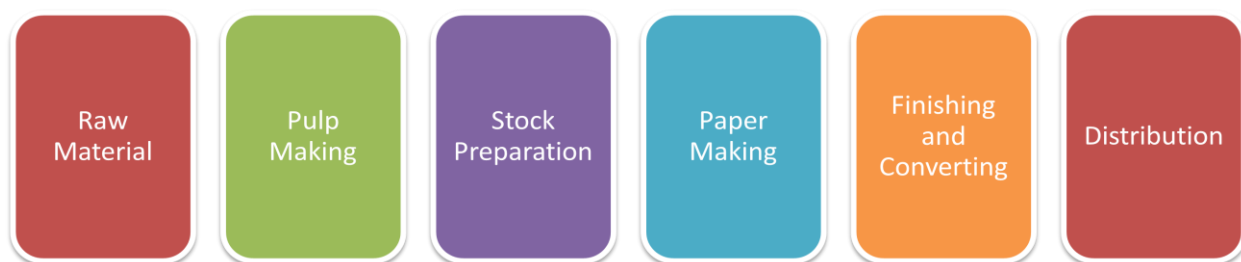
J K paper Technology has been upgraded both in pulping and paper manufacturing. Modern technology has helped to achieve “scale economies” as also led to “resource conservation” especially in energy (power consumption) and water usage per unit output.

The new paper machine PM VI uses state of art technology in all the areas, such as Fiber line, Paper machine, Power block, A4 converting and packaging line etc.

J K paper mill facilities consist of various activities like chipping, pulping, cleaning, bleaching, washing, drying and getting the final product.

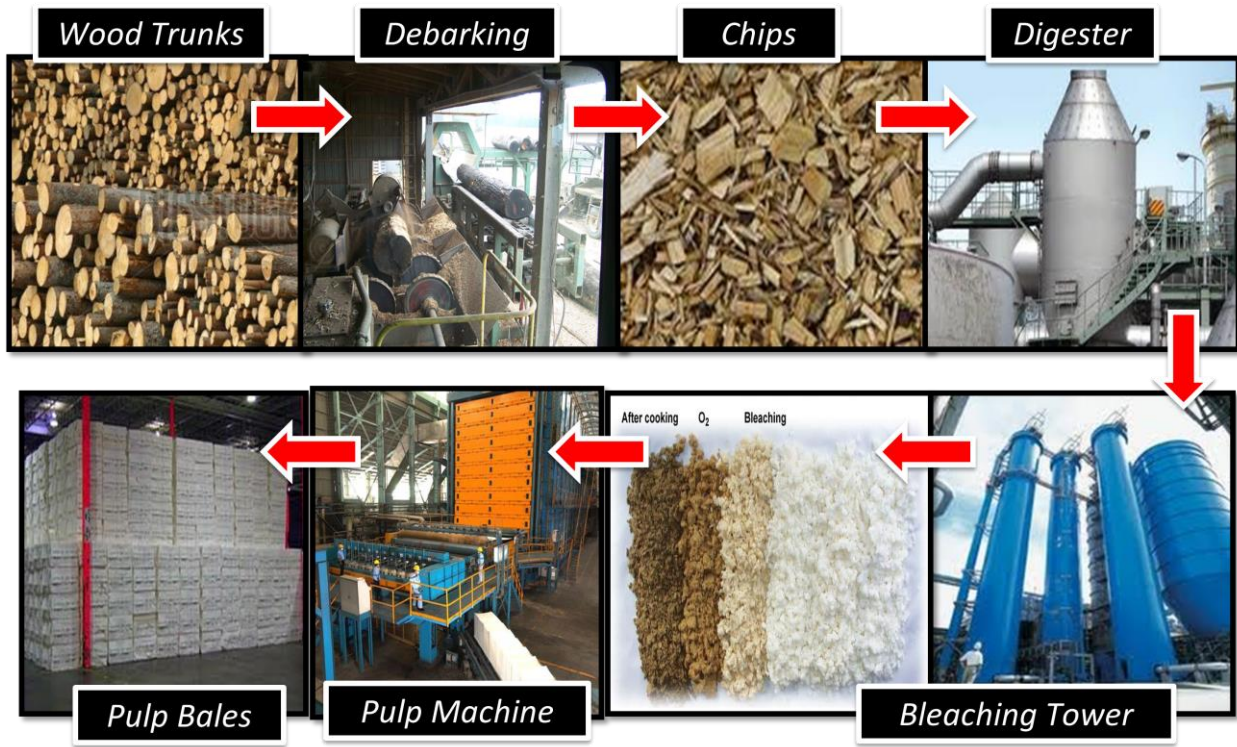
3. Process Flow diagram

J K Paper mill follows following PFD for making paper from wood.



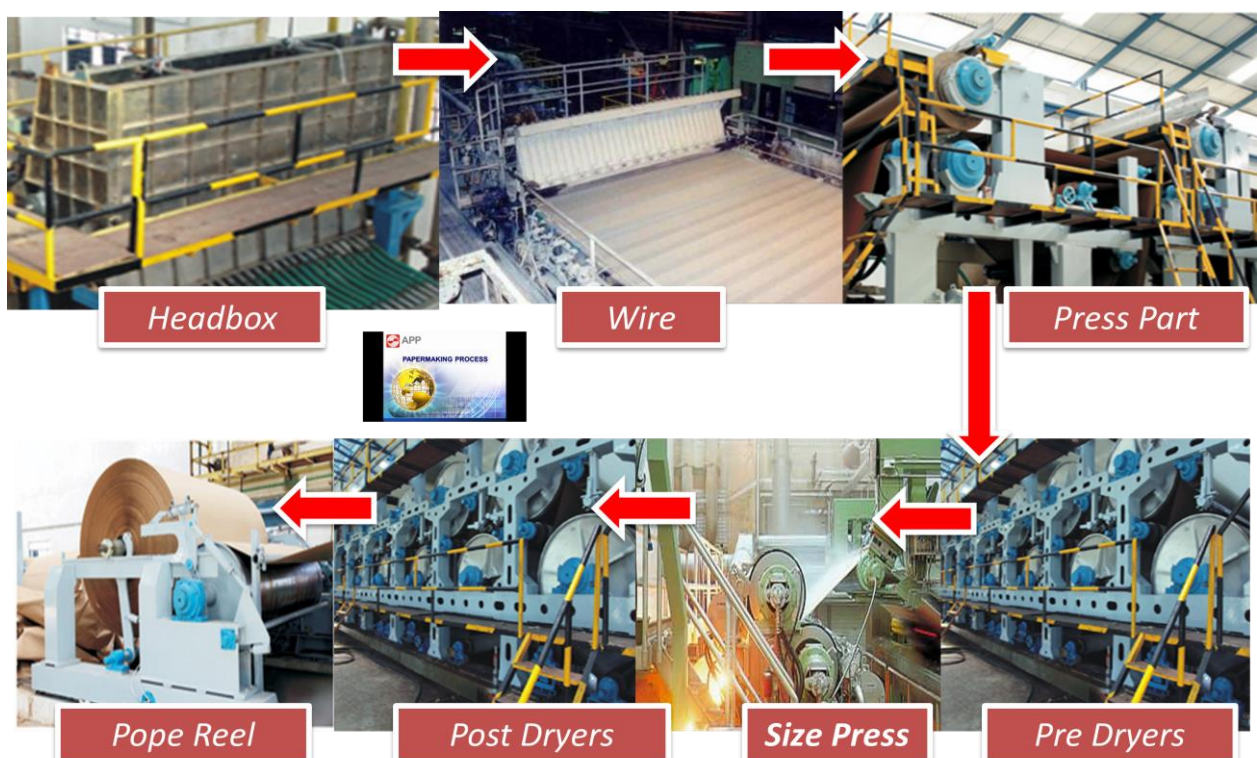
4. PAPER MAKING PROCESS

J K Paper making involves a series of different processes represented in the block diagram below.



5. Visit Brief

The Third year of mechanical engineering students visited to J K Paper mill at Songadh plant on dated 11th January, 2020 and about 42 students with three staff members: Prof. Dr. H. S. Patil, Dr. D C Patel and Mr. Brijesh Patel visited the plant. J K Paper is leading manufacturing company, using following machines for making paper from wood. Students also visited 30 MW Thermal power plant along with paper plant.



We also have fruitful meeting with Maintenance Head Mr. Nitin Dodia and discussed how could be plan for vocational training of pre-final year students and campus placement for final year mechanical engineering students.



