

JSS Academy of Higher Education & Research, Mysuru

JSS College of Pharmacy

Sri Shivarathreeshwara Nagara, Mysore-570015

15th October 2022, Saturday

SRK Healthcare- Industrial Visit

Industrial Visit to SRK Healthcare was organized on **15th October 2022** by Training and Placement Cell for 3rd Sem M. Pharm students. SRK Healthcare in franchise with Himalaya wellness company is manufacturing Starch based Baby powder and Talc based Baby powder.

The industry expert guided students through each section of the plant and explained the process starting from the entry of raw materials to the storage of Finished Goods.

The raw material bags are placed on a conveyer belt and moved to a bag de dusting tunnel where the dust or foreign particles on the bags are removed. The bags are stored in the storage area which can store up to 130 tons of raw material. As per the FIFO system, the raw materials will be taken into the production unit. The raw material (starch powder) is put inside an automatic sieve for the removal of any foreign particles or lumps, if any. The powder moves to the Vibro sifter, more sieving will happen here. Further, the powder goes for sterilization in a 300kg capacity sterilizer where purified hot air of about 150° C is supplied to remove moisture content and takes about 1 hour to complete. After 1 hour, purified cold air is supplied to cool down the powder, and the sample is taken for Q.C. test if approved the powder is passed via pipeline to the mixer with a capacity of 3000ltrs for blending. In the mixer sifted API is separately added to the starch powder along with perfume which is added through the spray nozzle. The blending takes as per the specification afterward, the mixed products via pipeline are transferred to the filling area. The filling line has a speed of 80 bottles per minute. The whole process is automatic except for loading the raw material in the sifter, API transfer to the mixer using IP Bin, and packaging. All the machinery is washed using RO Water and the small equipment are dried with IR Air Dryer.

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Enclosed: Images of the Industrial Visit.

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