

ALL SAINTS' COLLEGE

THIRUVANANTHAPURAM



BSc. CHEMISTRY MAIN

FACTORY VISIT REPORT

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EXAMINERS IN CHARGE

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30/6/2020

ACKNOWLEDGEMENT

I would like to take this opportunity to express my sincere gratitude to all those who have helped me throughout the industrial visit. It gives me immense pleasure to acknowledge all those who have rendered encouragement and support for this successful completion of this visit. I would like to thank my institution, All Saints' College for giving me an opportunity to visit 'KSIC'. I also thank my HOD Dr. Sumita Kerkur for granting us the permission for the same. I express my sincere gratitude to all the staffs of KSIC for giving their valuable time in guiding and sharing their knowledge with me. I express my hearty thanks to all the employers of the Karnataka Silk Industries Corporation Limited for their constant support during my industrial visit. I also thank my class teacher Dr. Sindhu Yeshodasan and Ms. Diana V. Prakash for their constant support throughout the industrial visit.

INTRODUCTION

We the students of All Saints' College, Trivandrum visited the Karnataka Silk Industries Corporation Limited (KSIC) on 31st January 2020, under the guidance of Dr. Sathya Yeshodharan. The silk weaving factory in Mysore, presently owned by KSIC, was established in the year 1912 by the Maharaja of Mysore province. The factory is located in the heart of the Mysore city and is spread over acres. The raw silk yarn filatures obtained from T. Narsipura factory and open market are put through various processes and Quality silk products are produced for end user consumption. The factory has an installed capacity of 8,00,000 mtms per annum.

The factory is provided with various high end equipments so as to produce best of silk. The factory started with 10 looms in 1930 under the rulers of erstwhile Mysore Kingdom today boasts of more than 157 looms, two warping machines, and Pinn machines and any no of preparatory machines. Most of the machines are imported from Switzerland and Japan.

KSIC silk product are well appreciated in the market due to its 100% pure silk blended with 100% pure Zari (65% of silver and 0.65% of Gold). The sarees manufactured are of unmatched quality come in varieties to suit the customer tastes viz; Crepe-de-chine, Georgette, Zari printed Crepe silk sarees, semi crepe sarees. The sarees are printed or dyed. The sarees come in a splash of over 100 different colours and any no of design combination. KSIC was indeed a great experience for me as a chemistry student. I came to know more about the physical as well as chemical processes involved in the production of silk.