



ISLAMIAH WOMEN'S ARTS AND SCIENCE COLLEGE

Permanently Affiliated to Thiruvalluvar University
Recognized by UGC under sections 2(f) and 12(B) of the UGC Act 1956
Accredited with "B" Grade by NAAC
Approved by the Government of Tamil Nadu
Phone: 04174-235266 Email: principalwac@gmail.com
www.islamiahwomensartsandsciencecollege.com

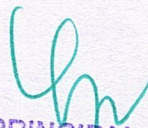
1.3.2 Average percentage of course that include experiential through project work / field work / internship during the year

INDUSTRIAL VISIT

DEPARTMENT : B.Sc MATHEMATICS

NAME OF THE PLACE VISITED : SUNDAR SILK SAREE WEAVING INDUSTRY AND KANJI KUDIL (MUSEUM) KANCHIPURAM.




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ISLAMIAH WOMEN'S ARTS
AND SCIENCE COLLEGE
VANIYAMBADI.

08.10.2022

From

L.Jagadeeswari,
Assistant Professor & Hod ,
Department Of Mathematics,
Islamiah Women's Arts & Science College,
Vaniyambadi

To

The Secretary And Correspondent,
Islamiah Women's Arts & Science College ,
Vaniyambadi.

Through

The Principal
Islamiah Women's Arts & Science College ,
Vaniyambadi.

Respected Sir,

Sub: Requesting permission to industrial visit -Reg

I would like to bring to your kind notice that our Mathematics department wish to visit **Sundar Silk saree weaving industry and kanji kudil (Museum) at Kanchipuram** as a industrial visit to understand the concept of **Textile Mathematics** on 15/10/2022 .I kindly request you to grant us permission for the same . Hence I kindly request you to provide us college bus .

Thanking you

Yours faithfully
L.JAGADEESWARI



Principal
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*Submitted to
Secretary
for Databank
Call no 300
TRM P...
Chennai*

In the silk industry we learn some important points to make a silk saree, and we saw how the real silk saree ki making with the help of **mulberry silk** and **zari**.

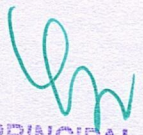
Let see about some major products which used to make a silk saree..

- MULLBERRY SILK
- GOLD ZARI
- PRINTED DESIGN
- WEAVING MACHINE etc...

MULBERRY SILK

Mulberry silk was the main material to make a silk saree. Maximum it get prepared **karnataka (cora)**. It is rough material before dyeing the yarn. To make a saree the thread divided into two parts (i.e) 5200 threads used in length for **single**, for Double 10400 thread is used in Making of saree. And in the Centre (**Suppuri**) is used. its amount is **rs 6000/**.



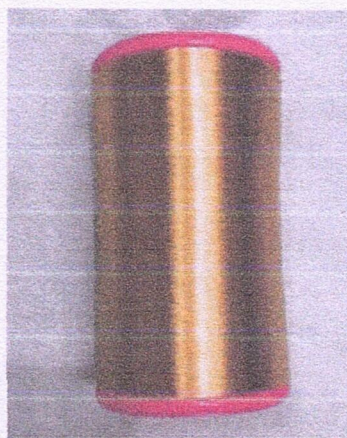

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Cora is a rough material it get soft after dying in hot water .We get only 750gm after dying from 1kg .250 gm reduce and turn into soft cora.



GOLD ZARI

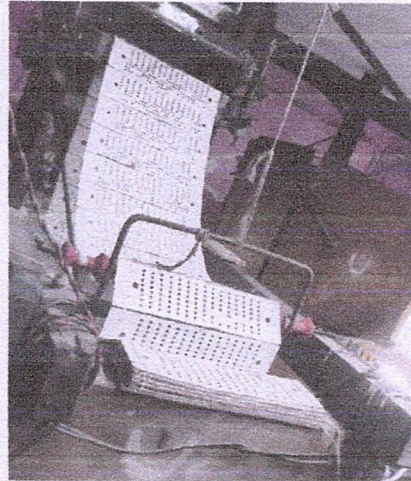
Zari is a thread which is made up of **copper, silver and gold**.mostly its come from **surat**. To make a zari in thread first layer is **copper** , second layer is **silver**,and the last one is **gold**. When we melt one saree **3gm** of gold and **30 gm** of silver is get .its price is rs.**10,000** for **240grms**.



Umm
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PRINTING DESIGN

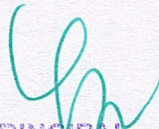
Printing cards are used to print designs in sarees like **peacock, flowers, leafs etc...** In sarees its look beautiful, without print the kanchipuram sarees is incomplete.



WEAVING MACHINE

To make a saree it takes 10-15 days to complete. Working **8hrs** in a Day, and a salary is based on working hrs, **rs5000/** for 8hrs.




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INDUSTRIAL VISIT DETAILS 2022-2023

CLASS : B.Sc MATHEMATICS DATE :15.10.2022

PLACE OF VISIT : Sundar Silk Saree Weaving Industry and Kanji
Kudil (Museum) at Kanchipuram.

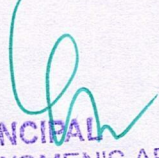
S.NO	NAME OF THE STUDENT
1	Aathika Fiza
2	Musfira Ayman.O
3	P. Nandhini
4	R.Jayanthi
5	S.Gayathri
6	V.Monika
7	L.S.Mabroora Taskeen
8	N.Zuha Tamkeen
9	K.Umme Salma
10	K.Saranya
11	M.Sumaiya Tabassum
12	S.Reshma
13	M.Vaitheswari
14	P.Kanimozhi
15	R.Monisha
16	T.Jayashree
17	V.Sandhiya
18	S.Seema Fareen
19	S.Ranjanibai
20	S.Aarthi
21	U.Dhanalakshmi
22	Muskan
23	K.Lakshmipriya
24	S.Thamizhisai
25	M.Snega
26	B.Madhumitha
27	E.Bhuvana
28	S.Pavithra



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29	P.Indhumathi
30	V.Vinitha
31	P.Santhiya
32	T.Nameera Ariya
33	H.Safiya Bathool
34	D.Ezhilarasi
35	P.Aswini
36	S.Monika
37	S.Sathya
38	K.Anandhapriya
39	R.Jeeva
40	T.Kanmani
41	F.Ayesha Siddiqua
42	O.Shariqua Anjum

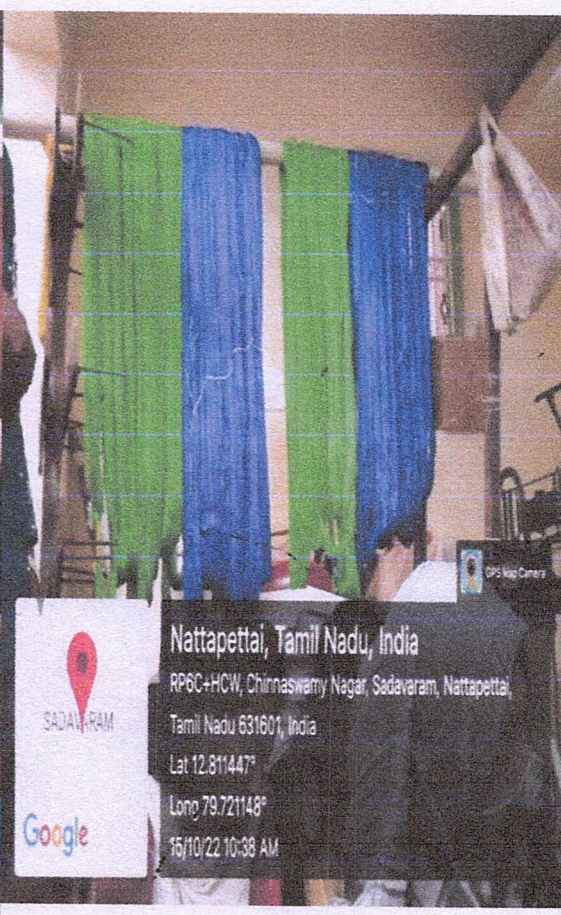



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SADAVARAM
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 RP6C+HCW, Chinnaswamy Nagar, Sadavaram,
 Nattapettai, Tamil Nadu 631601, India
 Lat 12.811447°
 Long 79.721148°
 15/10/22 10:37 AM



SADAVARAM
Google

Nattapettai, Tamil Nadu, India
 RP6C+HCW, Chinnaswamy Nagar, Sadavaram,
 Tamil Nadu 631601, India
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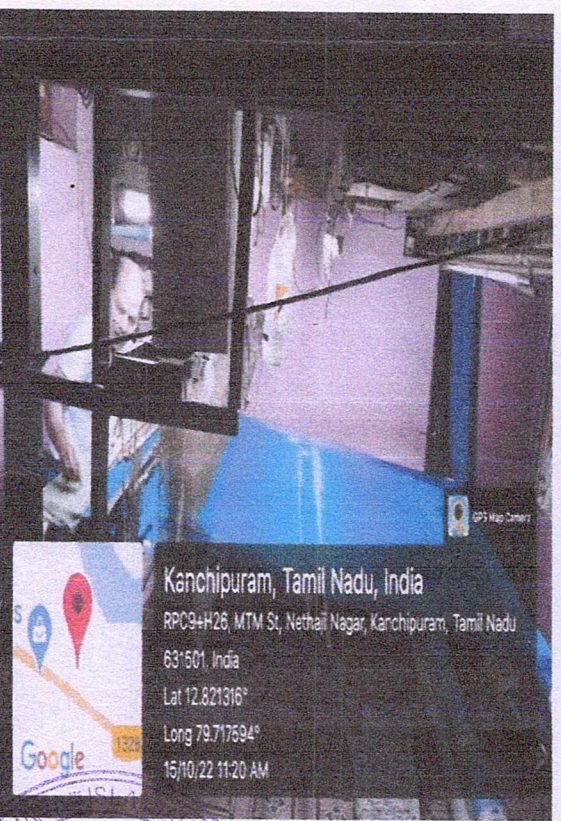
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Kanchipuram, Tamil Nadu, India
 RPC9+H26, MTM St, Nethaji Nagar, Kanchipuram,
 Tamil Nadu 631501, India
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 Long 79.717722°
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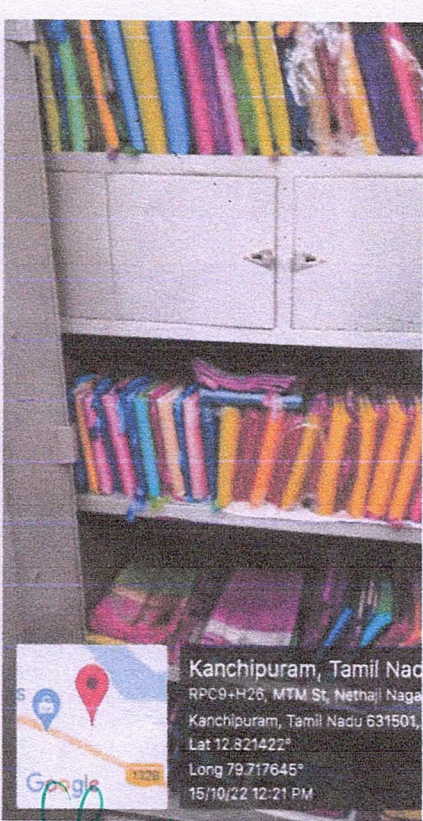
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 RPC9+H26, MTM St, Nethaji Nagar,
 Kanchipuram, Tamil Nadu 631501, India
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 Long 79.717597°
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Google

Kanchipuram, Tamil Nadu, India
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 631501, India
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Google

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 Kanchipuram, Tamil Nadu 631501,
 India
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 Long 79.717645°
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Signature
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REPORT FOR INDUSTRIAL VISIT


PG & RESEARCH DEPARTMENT OF MATHEMATICS

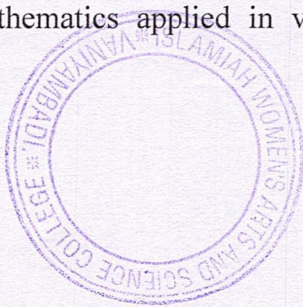
"INDUSTRIAL VISIT TO KANCHIPURAM"


On 15/02/2022, a group of 42 Students With 4 Staffs visited Kanchipuram, a city known for its rich heritage in silk weaving and textile manufacturing. An industrial visit to the Kanchipuram silk industry can be beneficial for Mathematics Students in several ways

Students observed and analysed various aspects of the silk production process that can involve measurement and geometry. They learnt about the precise required for weaving silk sarees, the geometric patterns used in designs and the calculation involved in determining calculations involved in determining the length, width and shape of fabric. By Data Analysis Students collected the data related to the silk industry such as number of silk threads used, the time taken for the production and the cost of raw materials they can analyse this data using statistical techniques such as calculating averages, creating graphs and identifying trends. And by Financial Mathematics Students learnt about pricing strategies, cost analysis profit margins and other financial calculation involved in running a silk business.

On the whole, an industrial visit to the Kanchipuram silk industry provided mathematics students with practical application of mathematical concepts insights into real world data analysis and financial calculations, opportunities to explore optimization problems. It enhanced the understanding of how mathematics applied in various industries and broaden their perspective.


HEAD OF THE DEPARTMENT
PG AND RESEARCH DEPT.
OF MATHEMATICS
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