

**MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE
SHOLINGANALLUR, CHENNAI-600119.
PG DEPARTMENT OF ELECTRONICS SCIENCE
Industrial Visit to SDSC (Satish Dhawan Space Centre)SHAR**

Date: 20.08.2018



PG Department of Electronics Science staffs along with UG and PG students visited SDSC(Satish Dhawan Space Centre)SHAR



Space Museum –SDSC (Satish Dhawan Space Centre)SHAR

MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE

SHOLINGANALLUR-CHENNAI-600119

ISRO INDUSTRIAL VISIT (13-04-2022) – REPORT

SUBMITTED TO PRINCIPAL :

I thank you for giving permission for our PG Department of Mathematics and PG Department of Electronics Science to attend the INDUSTRIAL VISIT to UR SATELLITE CENTRE , ISRO ,BANGALORE on 13th April 2022(WEDNESDAY) between 2pm to 3pm.

We arranged a Private Tour Travel Bus which reported to college at 08.00pm and 47 Students and 6 Staff reported at 08.45p.m on 12th April 2022(TUESDAY). Then Group photo of Students and Staff was taken with IQAC Co-Ordinator and Bus started at 09.30pm and reached Hosur at 05.30AM on 13-04-2022.Then 6 rooms arranged at BANGALORE GATE LODGE, AITTIBELE-562107 , where all Students refreshed and had breakfast at 08.30AM and some of them had at bus itself. Then we started to CUTTAPA PARK AND MUSEUM between 11.00am to 12.15pm.

Then we started to ISRO UR RAO SATELLITE CENTRE and reported at 01.00pm.All Students and staff took lunch at 01.15pm with cost of RS25. After that Guest Pass was given to all 54 students and staff .Scientist MR H.L.SRINIVASA , took all guests to a separate Seminar Hall and briefly explained about ISRO and its main work and took to an EXHIBITION consisting of different manufacturing units of Satellites and its spares and allied products. Then again took to class and interacted with students with brief clarity and students also got doubts cleared and enjoined the entire visit and got clarity with future applications of ISRO in their career. Then we went to Shopping Mall and had shopping , followed by Dinner near Hosur and reported to College at 04.15pm and students are sent to their homes safely.

Thanks and Reagards

DR V.MURALIDHAR

HOD-MATHS

MR G.SUNDAR

HOD-ELECTRONICS SCIENCE

PRINCIPAL



ISRO UR RAO SATELLITE CENTRE ENTRANCE



COLLEGE ENTRANCE



CUPPAN PARK & MUSEUM



COLLEGE PORTIGO

**MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE
SHOLINGANALLUR, CHENNAI-600119.
PG DEPARTMENT OF ELECTRONICS SCIENCE
Report on Industrial Visit to Chennai Port**

Visiting Date: 07-02-2023



The students of PG Electronics Science and Mathematics departments comprising 85 students and 11 Staffs were taken on an Industrial Visit to Chennai Port on 07th Feb 2023.

Chennai port is the third oldest port in India with over 137 years of merchant services for the country. This is one among the top 100 ports in the world. Being an artificial harbour, the port needs to withstand the natural challenges as well as manmade pollution etc. The port commissioned India's first container terminal currently operated by a private organization M/s D.P.World (Chennai Container Terminal Private Limited).

Our students were given a overall tour of the port, witnessing the terminals and loading & unloading operations from cargo vessels. They were then taken to the container terminal.

The students apart from getting an overall exposure to the container terminals were given detailed overview of the operations of containers, planning of space requirements, loading and unloading intricacies in practice, ship balancing techniques, inspection etc. The required safety and quality aspects in handling materials were explained in detail by Shri R.E Ganesh – Asst.Manager(Traffic) of DPWorld and their team.

Further the students were taken around on a field visit to the terminal and were able to observe firsthand what was told to them earlier. The students could appreciate the level of understanding given and appraised the hosts of their gratitude for the knowledge gained. The company personnel also had appreciated the learning interest shown by our students. Our Faculty Members are accompanied the students on 07th Feb 2023.

**MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE
SHOLINGANALLUR, CHENNAI-600119.
PG DEPARTMENT OF ELECTRONICS SCIENCE
Report on Industrial Visit to CSIR, Chennai.**

Visiting Date: 26-09-2023



The students of PG Electronics Science and Mathematics departments comprising 70 students and 8 Staffs were taken on an Industrial Visit to foundation day of CSIR, Chennai on 26th Sep 2023.

CSIR Foundation Day

Being the constituent establishment under Council of Scientific & Industrial Research (CSIR), the laboratory also celebrates September 26th of every year as the foundation day of CSIR. The celebration of the above important day in the laboratory shall include, visits of the students/teachers from various colleges schools, a function to felicitate the CSIR personnel superannuated in the preceding year, distribution of mementoes to the serving CSIR personnel who have completed 25 years of service, distribution of awards to the children of employees who have secured admissions in IITs, IIMs, AIIMS etc., and securing highest marks in science subjects in 12th standard examinations. Foundation Day lecture delivered by renowned personalities will also be arranged during the occasion.

Our students were visited multiple labs and they were explained about various electronic machines that are useful in day to day life and they got an experience as to what kind of work goes on in an industry.

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PG DEPARTMENT OF ELECTRONICS SCIENCE
Report on Industrial Visit to BASE Electronics,Perungudi, Chennai.**

Visiting Date: 21-09-2023



PG Department of Electronics Science of 15 students and 2 Staffs were taken on an Industrial Visit to Base Electronics & Systems, Perungudi, Chennai on 21th Sep 2023.

Base Electronics & Systems

Base Electronic & Systems is a fast moving organization that is climbing the ladder of success by offering its impeccable support for flow automation solutions. With an integrated approach and adequate instrumental infrastructure, we have grown leaps and bounds in the concerned sphere. Consolidating on our association with ETDC, we offer Traceability, Calibration Certificate for Process Control Instruments, which is requisite for ISO 9001:2015 standard.

Their mainly offers different types of flow meters, smart water meters, Fuel dispenser, BTU meter, level transmitter, PLC Based automation systems & IoT solutions etc.

Our students were visited multiple laboratories and they were explained about various instruments that are useful in day to day life and they got an experience as to what kind of work goes on in an industry.

**MOHAMED SATHAK COLLEGE OF ARTS AND SCIENCE SHOLINGANALLUR,
CHENNAI – 600 119.**

PG DEPARTMENT OF ELECTRONICS SCIENCE.

INDUSTRIAL REPORT 2024

Date of Visit : 10/01/2024

Organization Details

Name of the Company : Helios LED lightronics Pvt Ltd
Lighting manufacturer in Chennai, Tamil Nadu
Address : TS 69, First Floor, SIDCO Industrial Estate,
Ekkatuthangal, Chennai, Tamil Nadu 600032

About Company

- Nature of Business – Electric Lighting Equipment Manufacturing
Entire range of LED lamps and fixtures (more than 30 types and 400 variants) to international standards.
- Year of Establishment 2010

We the PG Department of Electronics and Communication Science visited Helios - An ISO 9001:2008, NSIC certified & MSME registered company - manufactures an entire range of LED lamps and fixtures (more than 30 types and 400 variants) to international standards. Residential range of products include Household bulbs, Tube lights, Down lights, Focus lights, Spot lights, Candle lamps, and many more. For industrial use, specialize in providing High Bay Lamps, Panel Lights, Flood Lights, Street Lights, Sewing Lamps, Machine Lamps, PAR Lamps, Decorative Strip Lights, Wall Washers and variety of custom and speciality LED Lamps. Helios LED Drivers are designed and manufactured to adopt high domestic and international standards for operating in various markets. Our indigenous LED drivers are capable of adapting to wide voltage range (85-270V AC or 85V-380V DC).

Products are manufactured in India, and is marketed in India and exported to Middle East and North American regions. Backed up by strong design and testing facilities both on-site and offshore. one of the leading flow meter manufacturers and solution providers , the students of I Year, II Year , III Year - B.Sc., Electronics and Communication and II Year M.Sc., Applied Electronics have gained the knowledge of Electric Lighting Equipment Manufacturing and lithium battery manufacturing processes.

I would like to express my sincere gratitude to the Management, Dean Dr. R. Meganathan, our Principal Dr. H. Abirami, and Vice Principal, Dr. O. S. Aysha, for their valuable support. I would also like to extend my thanks to all the students and staff members.

With Regards,

Dr. R. Amudhevali, M.Sc., M. Phil., M.B.A., M. Tech., Ph.D.,
HOD, PG Department of Electronics Science,
Mohamed Sathak College of Arts and Science, Chennai.

