



IDHAYA COLLEGE FOR WOMEN

(Accredited by NAAC with "A" Grade (CGPA:3.15) & ISO 9001:2015 Certified Institution)
(Recognized by UGC with 2(f) & 12(B), Affiliated to Alagappa University, Karaikudi)

AROCKIA NAGAR, SARUGANI - 630 411, Sivagangai Dt. - 630 411.

Date : 26.09.2022

DEPARTMENT OF CHEMISTRY

INDUSTRIAL VISIT REPORT – 2022

Date : 26.09.2022
Venue : CSIR-CECRI, Karaikudi
No. of Beneficiaries: 36 Students

A group of 36 UG Chemistry students from Idhaya College for Women in Sarugani visited the CSIR-CECRI in Karaikudi on September 26, 2022, along with three faculty members.

At 8.30 am, we left our college and arrived by CSIR-CECRI, Karaikudi, at 9.30 am. Three faculty members served as our guides as we traveled in a comfortable bus with students. We started off by going to CSIR-CECRI.

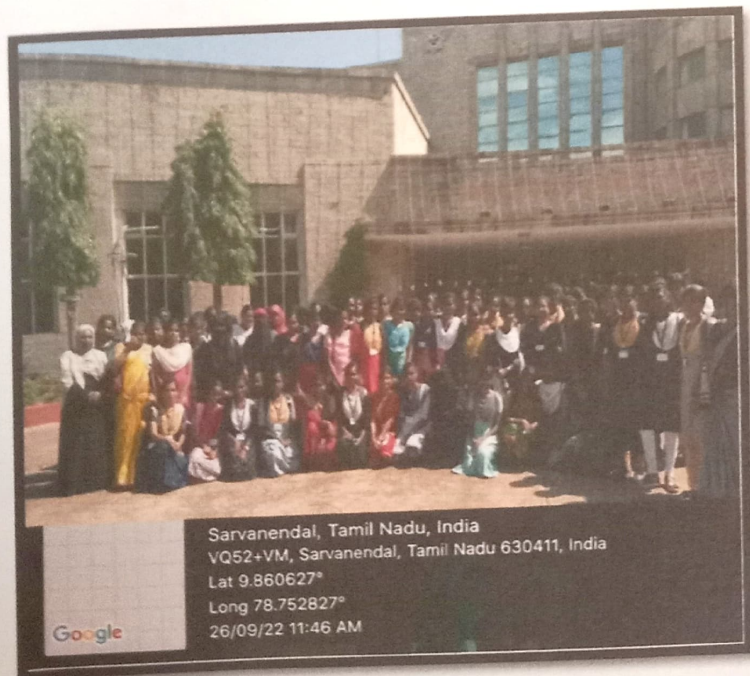
We were brought together and taken to the characterization facility. This visit major goal was to comprehend all characterization approaches, which required listening to chemical engineering students discusses equipment usage. The emphasis of that course was on teaching us how to use contemporary research instruments including XRD, FT-IR, Laser RAMAN, AFM, SEM, TEM, and NMR. In order to create new tools to characterize the physical properties of molecules, materials, and nanosystems and to accurately and consistently interpret the acquired data using quantum chemical calculations, we are developing and applying contemporary experimental and computational magnetic resonance methods. By using the ORR method, we saw the splitting of O_2 and H_2 from H_2O , which is



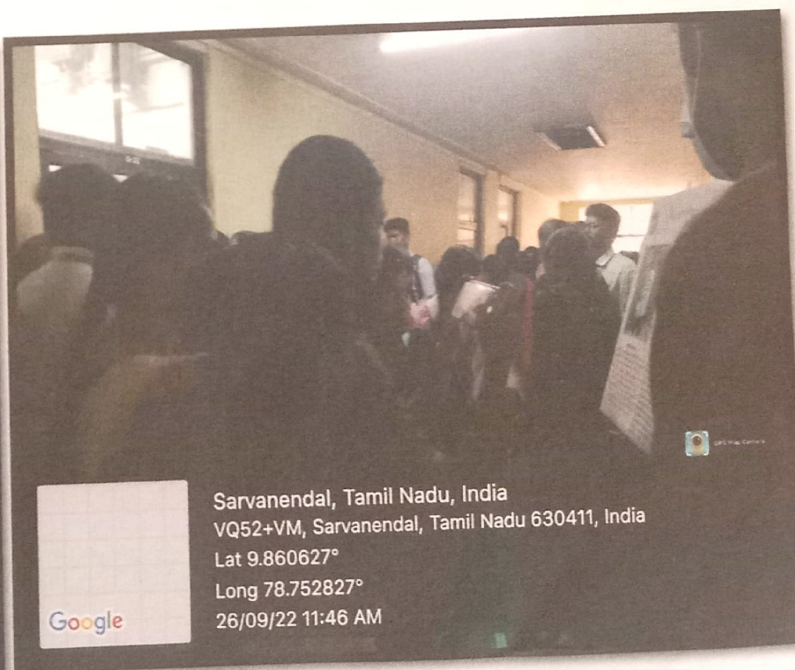
then employed as rocket propellant. They offered that item to both the government and industry. Additionally, through lectures on poster presentations, we gained computational tools and sophisticated software tools. At 3.30 p.m., we departed from CECRI.

As part of our curriculum-enhanced programme, we received more information about our subjects via the CECRI units, as shown in the following table:

Subject	Subject Code	Benefits
Industrial Chemistry	7BCHE2A	Recent trends and advanced chemical used by corrosion and methodology
Analytical Chemistry	7BCHE1A	Advanced Instrumentation and characterization
Physical Chemistry	7BCH5C2	Spectroscopy and its applications



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 Sivagangai Dt - 630 411

Students Review and outcomes about the Industrial Visit:

S. Thasrin, III – B.Sc. Chemistry

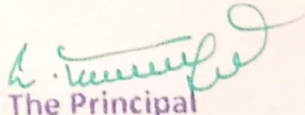
A useful experience that connected theoretical understanding and practical application was the industrial tour to CECRI laboratories. This visit increased our understanding of the many instruments now in use and the hygiene requirements for an instrumental block. We were led past water-splitting facilities. While several terms were unfamiliar to us despite studying organic chemistry, we nonetheless learned something new. It was thus a very beneficial experience. I have no doubt that this trip will benefit us in the future.

K. Dhivya sri, II – B.Sc. Chemistry

Both for me and for the other students, it was a really positive experience. It is impossible to send a large number of students on an industrial visit, yet our department managed it. Many new things were taught to us, including XRD, FT-IR, SEM, and TEM. They provided accurate information regarding the CECRI units' entire process.

P. Ganga Devi, I – B.Sc. Chemistry

It was a wonderfully eye-opening and amazing experience to visit CECRI. We were given a glimpse of the brand-new world we shall live in soon. In fact, the knowledge I acquired at CECRI has been a life-changing event for our entire group, not just for myself.

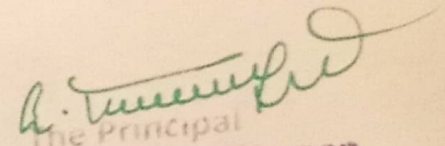

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Sivagangai Dt - 630 411

DEPARTMENT OF CHEMISTRY

Students Name list for Industrial Visit -2022

S.NO	NAME OF THE STUDENTS	SIGNATURE
1	M.ABIRAMI	M. Abirami
2	R.ABIRAMI	R. Abirami
3	A.AMIRTHAHEMAPRATHA	A. Amirtha hemapratha
4	M.CHITHRA	M. Chitra
5	T.JEYAMALATHI	T. Jeyamalathi
6	S.KALAISELVI	S. Kalaiselvi
7	K.KARTHIKA	K. Karthiga
8	B.KAVIYA	B. Kaviya
9	M.SARITHA	M. Saritha
10	S.SARONIYA	S. Saroniya
11	A.SHAMINIKA	A. Shamika
12	K.SIVASRI	K. Sivasri
13	M.SNEHA	M. Sneha
14	R.SNEHA	R. Sneha
15	A.SOWMIYA	A. Soumya
16	M.SUSILA	M. Susila
17	S.THASRIN	S. Thasrin
18	I.VENMATHI	I. Venmathi
19	K.VIGNESHWARI	K. Vigneshwari
20	K.VINOTHINI	K. Vinothi
21	R. AARTHI	R. Arathi
22	A.ARUL RUBIKA	A. Arul Rubika
23	M. ARUNA	M. Aruna
24	K. DHIVYA SRI	K. Dhivya Sri
25	V. MOWNIKA	V. Mownika

26	R. RAGAVI PRIYA	R. Ragavi priya
27	S. SALMA	S. Salma
28	J. THARSILA	J. Tharsila
29	M. THIRISHA	M. Thirisha
30	R. THIRISHA	R. Thirisha
31	M. ABINAYA	M. Abinaya
32	B. ARTHI	B. Arthe
33	P. GANGA DEVI	P. Ganga devi.
34	S. GOWSALYA	S. Gowsalya.
35	V. JANANI	V. Janani
36	S. PAVITHRA	S. Pavithra


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