



FATIMA COLLEGE

(Autonomous)

Affiliated to Madurai Kamaraj University
Re-Accredited with 'A++' by NAAC (Cycle - IV)
Mary Land, Madurai - 625018, Tamil Nadu

THE RESEARCH CENTRE OF CHEMISTRY

Title : “Ms. Sakunthala Endowment Lecture – Role of Analytical Chemistry in Public Sector “

Date : 09-02-2024

Resource Person : **Dr. P. KALEESWARAN,**
Junior Scientific Officer,
Forensic Science Department
Mylapore, Chennai

No. of Participants : 168 (9 Faculty members and 159 students)

Focus on : **Skill Development**

Outcome : **Students exposed to new approaches in forensic analytical chemistry**

Report:

The Fatima College chemistry association organized **Ms. Sakunthala Endowment Lecture – on Role of Analytical Chemistry in Public Sector**, at MBH , Fatima College, Madurai on 9.2.2024 at 12.00 noon. Ms. N.S. Sakunthala who was the first principal of Fatima College cum first Head of the department of Chemistry , different roles played by sakunthala madam in Fatima college such as Administrator, Academician , syndicate member etc., and the power with in her and her dedication towards the development of Fatima college was highlighted and projected in the form of Power point presentation.



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Dr. P. KALEESWARAN, Junior Scientific Officer, Forensic Science Department, Mylapore Chennai, Shared his experiences in many crime labs, and his talk about usage of chemical reagents in forensic crime labs to expose invisible, or latent, fingerprints was really excellent. He highlighted the importance of chemical reagents cyanoacrylate, silver nitrate, iodine and ninhydrin and how these reagents are useful in identifying the criminals.

Resource person discussed some important Methodologies Used in Forensic Chemistry such as Spectrophotometry and Chromatography .

He shared his expertise in the forensic lab and **the role played by using Luminol in Detecting Blood** . luminol powder ($C_8H_7O_3N_3$) mixed with hydrogen peroxide (H_2O_2) and a hydroxide (e.g., NaOH) is taken in a spray bottle. The luminol solution is sprayed where blood might be found. The iron from the hemoglobin in the blood serves as a catalyst for the chemiluminescence reaction that causes luminol to glow, so a blue glow is produced when the solution is sprayed where there is blood. The blue glow lasts for about 30 seconds before it fades, which is enough time to take photographs of the areas so they can be investigated more thoroughly

Dr. B. MEDONA, Associate professor & Head , Department of Chemistry, Fatima College along with the **Dr. B. SUGANTHANA**, Assistant Professor cum Association in charge, Department of Chemistry, Fatima college, Madurai took an initiative to expose the students both at UG and PG level **to new approaches in** forensic analytical chemistry. More than 100 students and 11 faculty members were benefitted by this program.



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Invitation/Brochure

FATIMA COLLEGE (AUTONOMOUS), MADURAI-18
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**RESEARCH CENTER OF CHEMISTRY
INVITES ALL**

**ENDOWMENT
MS.N.SHAKUNTHALA
LECTURE**

RESOURCE PERSON

DR. P. KALEESWARAN
JUNIOR SCIENTIFIC OFFICER
DEPARTMENT OF FORENSIC SCIENCE
MYLAPORE, CHENNAI

ROLE OF ANALYTICAL CHEMISTRY IN PUBLIC SECTOR
MBH | 9 FEBRUARY, 2024 | AT 12 NOON



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Ms. Sakunthala's dedicated service for the welfare of Fatima college was highlighted in Ms. N.S Endowment lecture



Dr. P. KALEESWARAN, Junior Scientific Officer, Forensic Science Department, Mylapore, Chennai shared his expertise on forensic chemistry





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Name list of Participants

S.No	Reg.No	Name
1.	'2022C01	ABINAYA SRI S
2.	'2022C03	AKILA P
3.	'2022C05	ANUSANTHALIKA D
4.	'2022C06	AROCKIA CHRISTINA V
5.	'2022C07	ATCHAYA DHARSHINI M
6.	'2022C08	ATCHAYA K
7.	'2022C09	BHUVANESHWARI S
8.	'2022C10	DHANYA SHREE M
9.	'2022C11	DIVYA M
10.	'2022C12	FATHIMA ZOHARA R
11.	'2022C14	GOKILA M
12.	'2022C15	INFANT JESLY S
13.	'2022C17	JERLIN REEGA Y
14.	'2022C19	JOAN LITY INFANTA A
15.	'2022C20	JOSEPHINE TERESA X
16.	'2022C21	KALAIARASI K
17.	'2022C22	MARIA FENISIYA P
18.	'2022C23	MEENALOSINI A
19.	'2022C24	OVIYA S
20.	'2022C25	PANDIMEENA T
21.	'2022C26	PAVITHRA R
22.	'2022C27	PRIYADHARSHINI M
23.	'2022C28	RAMYA M
24.	'2022C31	RIZWANA A



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25.	'2022C32	ROHINI C.M
26.	'2022C33	ROHINI M
27.	'2022C34	SAKANA SRI K J
28.	'2022C35	SANDHIYA M
29.	'2022C36	SANDHIYA P
30.	'2022C40	SUCHITHRA BENATICTA S
31.	'2022C41	TANSILA A
32.	'2022C42	THIRUMALAR S
33.	'2022C43	VANITHA J
34.	'2022C44	VARSHINI S
35.	'2023C01	ALAGUMEENA A
36.	'2023C02	ANJANA DEVI R
37.	'2023C03	ARUL DIVYADHARSHINI U
38.	'2023C04	ARUNA SHREE J
39.	'2023C05	BAVADHARANI N
40.	'2023C06	CATHRIN PRABHA C
41.	'2023C07	DHEETCHANYA K
42.	'2023C08	DHIVYA J
43.	'2023C09	GOPIKA T
44.	'2023C11	HEMALATHA S
45.	'2023C12	JAISHREE K
46.	'2023C13	JANANI G
47.	'2023C15	JANARTHANI M
48.	'2023C16	JEGANMADHA S
49.	'2023C17	JERINI RONIA M
50.	'2023C18	JEYADHARSHINI A
51.	'2023C20	KAVIYA S



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52.	'2023C21	KOODAMMAL B
53.	'2023C22	MADHUSWATHI M
54.	'2023C23	MAHA SRI M
55.	'2023C24	MONIKKA N
56.	'2023C25	MUTHUSELVI S
57.	'2023C26	NANCY PRIYADHARSHINI M
58.	'2023C28	NAVEENA S
59.	'2023C29	NITHIA ESAKKIA E
60.	'2023C30	NITHYASRI G
61.	'2023C31	RAHUMATH NISHA KS
62.	'2023C34	SANTHIYA M
63.	'2023C35	SATHYARUBA V
64.	'2023C36	SIVATHARANI A
65.	'2023C39	THILAGAVATHI G
66.	'2023C40	UTHRA M
67.	'2023C41	VALLIMUTHU S
68.	'2023C42	VISHNU PRIYA K
69.	'2023C43	YALINI S
70.	'2023C44	YASMIN BANU H
71.	'2023C45	YAZHINI R
72.	'2023C46	YOGA K
73.	'2023MSCC01	ABINAYAPRABHA B
74.	'2023MSCC02	AKSHARA M
75.	'2023MSCC04	BABYSRI R
76.	'2023MSCC05	BALASRE B
77.	'2023MSCC06	DEVAKI M
78.	'2023MSCC07	JENI CHRISTY A



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79.	'2023MSCC08	JOE AMIRTHA A
80.	'2023MSCC09	KEERTHIGA N
81.	'2023MSCC10	MACTALIN AJITHA C
82.	'2023MSCC11	MATHIDEVI N
83.	'2023MSCC12	PRIYA M
84.	'2023MSCC13	PUGAL BHARATHI P
85.	'2023MSCC14	RAJSRI M
86.	'2023MSCC15	SANTHANASELVI M
87.	'2023MSCC16	SAROJINI R
88.	'2023MSCC17	SHERIN SAMANTHA V
89.	'2023MSCC18	SIVARANJANI J
90.	'2023MSCC19	SRINITHI D
91.	'2023MSCC20	SWETHA S
92.	'2023MSCC21	VARSHINI T
93.	'2023MSCC22	VELANKANNI S
94.	'2023MSCC23	VISHALINI R
95.	'2023MSCC24	VISHVA PRABA RS
96.	'2023MSCC25	YASHINI R
97.	2022MSCC08	A.DELICIA
98.	2022MSCC02	S.AKILA
99.	2022MSCC11	G.KAVIYA
100.	2022MSCC09	J.KANISIOUS MARY
101.	2022MSCC17	N.SAKTHI PANDIMEENA
102.	2022MSCC06	M.DEVIKA
103.	2022MSCC12	N.MEERA SOWMIYA
104.	2022MSCC14	S.PRIYA DHARSHINI
105.	2022MSCC04	A.ARULSNEHA



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106	2022MSCC10	R.KARTHIKA
107	2022MSCC19	M.SNEKA
108	2022MSCC15	R.RAMYA
109	2022MSCC21	K.SUDARSORNALAKSHMI
110	2022MSCC03	A.ARUL SHILPA
111	2022MSCC08	J.INFANT NATALIA
112	2022MSCC01	S.ABHISEKA
113	2022MSCC16	V.RESHMA
114	2022MSCC23	K.BRINDHA
115	2022MSCC20	G.SOUNDARYA
116	2022MSCC22	S.UDHAYA PRIYA
117	2021C01	AGNES MARY.A
118	2021C02	AMUDHA.A
119	2021C04	BHAVADHARANI.M
120	2021C05	CAROLINE FABINAA.N
122	2021C06	CHERIN PRINCY.V
123	2021C07	CRISPIN VIRGILA.A
124	2021C08	DHARANI.S
125	2021C09	DHARSHINI.M
126	2021C10	DINA MAGLIN.G
127	2021C12	DURGA DEVI.B.R
128	2021C13	DURGALAKSHMI.C
129	2021C16	HARISHMA.T
130	2021C17	HENCY LISHA.M
131	2021C18	INFANT HEVEENA.C
132	2021C19	JAFRINA BARVIN.Z
133	2021C20	JANIKA.M



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134	2021C21	MAHALAKSHMI.G
135	2021C22	MAHESWARI.S
136	2021C23	MUTHUPRIYA.M
137	2021C24	NIVETHA.P
138	2021C25	PAVITHRA.R
139	2021C26	PAVITHRA.V
140	2021C27	PRIYANKA.P
141	2021C28	RAJASRIARASI.G
142	2021C29	RITIKA.S
143	2021C30	RIYASHINI.S
144	2021C31	RONICA ALICE.J
145	2021C33	SHINISHA BRIJET.D
146	2021C34	SILPAL.P
147	2021C35	SUBHANTIYA PARVEEN.S
148	2021C37	UDHAYA TERESA.F
149	2021C38	VAISHNAVI.R
150	2021C39	VANATHI.K
151	2021C40	VINOTHINI.R
152	2021C41	VISHALINI.A
153	2021C42	VISHALINI.A
154	2021C43	SAHAYA SHERYL JOICE.J
155	2021C44	DHAROSHINI.M
156	2021C45	RENUKA DEVI.R
157	2021C46	SHIVA RANJANI.P
158	2021C47	SWETHA.B
159	2021C48	CATHERIN SIBA.J
160	Dr. S. SUKUMARI	ASSOCIATE PEROFESSOR

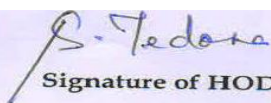


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161	Dr. B. SUGANTHANA	ASSISTANT PROFESSOR
162	Dr. Sr. J. ARUL MARY	ASSISTANT PROFESSOR
163	Dr. A. ARUL DEEPA	ASSISTANT PROFESSOR
164	Dr. M. PRIYADHARSHINI	ASSISTANT PROFESSOR
165	Dr. S. SUBIMOL	ASSISTANT PROFESSOR
166	Dr. BELINDA ASHA	ASSISTANT PROFESSOR
167	Dr. JONE CELESTINA	ASSISTANT PROFESSOR
168	V.SUBHASINI	SUBSTITUTE FOR DR. A. R. RAJESWARI


Signature of HOD

HEAD
Department of Chemistry,
Fatima College (Autonomous),
Madurai - 625018