



# FATIMA COLLEGE

(Autonomous)

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

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## DEPARTMENT OF CHEMISTRY

**Title** : "Functionalized Graphene Oxide as Fluorescence Probes for Sustainable Sensor Materials"

**Date** : 17-9-2022

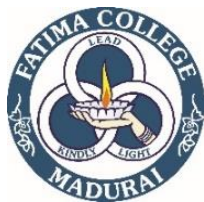
**Resource Person/s** : Dr. P. SURESH

Assistant Professor,  
Department of Natural Products Chemistry,  
School of Chemistry,  
Madurai Kamaraj University,  
Madurai

**No. of Participants** : 7 faculty members and 138 students (145)

**Focus on** : Research Methodology

**Outcome** : Students exposed to technique of synthesizing Graphene oxide and reduced graphene oxide-based materials - functionalized/modified using organic fluorophores, organic acids, polymers, organic dyes, inorganic nanoparticles, macrocyclic compounds, rotaxanes, DNA, metal oxides, chemodosimeter molecules, *etc.* Students got an exposure on extensive applications of Graphene oxide and reduced graphene oxide-based materials - in the field of fluorescence sensing as chemosensors



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## REPORT OF ASSOCIATION INAGURATION ON "Functionalized Graphene Oxide as Fluorescence Probes for Sustainable Sensor Materials" on 17<sup>TH</sup> SEP, 2022.

### Invitation

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Madurai - 625018



**CHEMISTRY ASSOCIATION**  
We, the Staff and Students of the Department of Chemistry, Fatima College, cordially invite you to the Chemistry Association Inaugural Function

**RESOURCE PERSON:**  
**Dr. P. SURESH**  
Department of Natural Products  
School of Chemistry  
Madurai Kamaraj University  
Madurai - 625021

TOPIC: "Functionalized Graphene Oxide as Fluorescence Probes for Sustainable Sensor Materials"

Venue: Sanjose Seminar Hall  
Date: 17.09.2022  
Time: 12.00 noon



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The Fatima College chemistry department inaugurated their chemistry association for the academic year 2022-23 on 17.9.2022 in Sanjose seminar Hall, Fatima college at 12 noon. The Resource person **Dr. P. SURESH**, Assistant Professor, Department of Natural Products chemistry, School of Chemistry, Madurai Kamaraj University, Madurai shared his expertise on “ **Functionalized Graphene Oxide as Fluorescence Probes for Sustainable Sensor Materials**” in Inaugural ceremony of Chemistry Association, he inspired the young minds of students and created a research spirit in them.

**Dr. B. MEDONA**, Associate professor & Head, Department of Chemistry, Fatima College along with the **Dr. B. SUGANTHANA**, Assistant Professor cum Association incharge, Department of Chemistry, Fatima college, Madurai took an initiative to create a research spark in students mind both at UG and PG level and organized this academic program for the growth of students through chemistry association. In his talk he highlighted that among diverse nanomaterials, graphene oxide (GO) and reduced graphene oxide (rGO)-based nanomaterials have encountered generous attention because of their ubiquitous advantages such as photo-stability, nontoxicity, water-solubility, bio-compatibility, eco-friendliness, and cost-effectiveness. He shared his research experiences that how Graphene oxide and reduced graphene oxide-based materials were functionalized/modified using organic fluorophores, organic acids, polymers, organic dyes, inorganic nanoparticles, macrocyclic compounds, rotaxanes, DNA, metal oxides, chemodosimeter molecules, *etc.* They find extensive applications in the field of fluorescence sensing as chemosensors. More than 100 students and 7 faculty members were benefitted by this program.



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## Photos

The Resource person **Dr. P. SURESH**, Assistant Professor, Department of Natural Products chemistry, School of Chemistry, Madurai Kamaraj University, Madurai shared his expertise on "**Functionalized Graphene Oxide as Fluorescence Probes for Sustainable Sensor Materials**" in Inaugural ceremony of Chemistry Association, he inspired the young minds of students and created a research spirit in them.







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## Name list of Participants :

S.No	Reg.No	Name
1.	'2022C01	ABINAYA SRI S
2.	'2022C02	ABITHA A
3.	'2022C03	AKILA P
4.	'2022C04	ANU VARSHINI J H
5.	'2022C05	ANUSANTHALIKA D
6.	'2022C06	AROCKIA CHRISTINA V
7.	'2022C07	ATCHAYA DHARSHINI M
8.	'2022C08	ATCHAYA K
9.	'2022C09	BHUVANESHWARI S
10.	'2022C10	DHANYA SHREE M
11.	'2022C11	DIVYA M
12.	'2022C12	FATHIMA ZOHARA R
13.	'2022C13	GIRIJA V
14.	'2022C14	GOKILA M
15.	'2022C15	INFANT JESLY S
16.	'2022C16	JEEVITHA K
17.	'2022C17	JERLIN REEGA Y
18.	'2022C19	JOAN LITY INFANTA A
19.	'2022C20	JOSEPHINE TERESA X
20.	'2022C21	KALAIARASI K
21.	'2022C22	MARIA FENISIYA P
22.	'2022C23	MEENALOSINI A
23.	'2022C24	OVIYA S



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24.	'2022C25	PANDIMEENA T
25.	'2022C26	PAVITHRA R
26.	'2022C27	PRIYADHARSHINI M
27.	'2022C28	RAMYA M
28.	'2022C29	RANJANI S
29.	'2022C31	RIZWANA A
30.	'2022C32	ROHINI C.M
31.	'2022C33	ROHINI M
32.	'2022C34	SAKANA SRI K J
33.	'2022C35	SANDHIYA M
34.	'2022C36	SANDHIYA P
35.	'2022C38	SHAWLA NANDHINI S.S.
36.	2022C39	SIVA ROOBINI S
37.	'2022C40	SUCHITHRA BENATICTA S
38.	'2022C41	TANSILA A
39.	'2022C42	THIRUMALAR S
40.	'2022C43	VANITHA J
41.	'2022C44	VARSHINI S





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42.	'2020C01	ABINAYA PRABHA B
43.	'2020C02	AKSHARA M
44.	'2020C03	AKSHAYA VARSHINI B
45.	'2020C04	ALLWINA JENCY S
46.	'2020C06	AROCKIYA AMALA SONIYA A
47.	'2020C07	BALASRE B
48.	'2020C08	BOWYA DURGA G
49.	'2020C09	CHRISTY D
50.	'2020C10	DEVAKI M
51.	'2020C12	EZHIL M
52.	'2020C13	FERMI E
53.	'2020C14	GAYATHRI S
54.	'2020C15	GNANAJASMINE J
55.	'2020C16	HAMSAVARDHINI S
56.	'2020C17	HEMA JASMINE A
57.	'2020C19	INFANTA SAGAYA SHALINI J
58.	'2020C20	JANANI S
59.	'2020C21	JANANI VR
60.	'2020C23	JENICHRISTY AA
61.	'2020C25	JOE AMIRTHA A
62.	'2020C29	LOSHANA E
63.	'2020C30	MACTALIN AJITHA C
64.	'2020C32	PRIYA M
65.	'2020C33	PRIYANKA K
66.	'2020C34	RAJSRI M
67.	'2020C35	REBEKA J
68.	'2020C36	SHANTHINI K



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69.	'2020C37	SHARMILA P
70.	'2020C38	SHERINSAMANTHA V
71.	'2020C39	SIVARANJANI J
72.	'2020C40	SMITHA ANGEL R
73.	'2020C43	SWETHA S
74.	'2020C44	THASLIMA NASRIN S
75.	'2020C45	TRINITY MARY SALOMY D
76.	'2020C46	UDHAYAKUMARI P
77.	'2020C47	VARSHINI T
78.	'2020C48	VISHALINI R
79.	'2020C49	VISHVA PRABA R S
80.	2020C50	YASHIN I. R
81.	2021MSCC01	ASHA BANU A
82.	2021MSCC02	BHAVANI M
83.	2021MSCC03	DEEPTHI N
84.	2021MSCC04	HEMA DHARSHINI R
85.	2021MSCC05	INFANTA JENIFER A
86.	2021MSCC06	JANANI H





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87.	2021MSCC07	JANANI R
88.	2021MSCC08	JASMINE JENOBHA D
89.	2021MSCC11	LOGESHWARI K
90.	2021MSCC13	MAGIMAGRACE V
91.	2021MSCC14	MANSOORUL SAJITHA THASLEEM M
92.	2021MSCC15	MATHU MEENA P
93.	2021MSCC16	PERARASI R C
94.	2021MSCC17	SANTHANA KARTHIKA S
95.	2021MSCC18	SHEEBA K
96.	2021MSCC19	SNEKA K
97.	2021MSCC20	SOUNTHARYA V
98.	2021MSCC21	SRI HARSHINI M
99.	2021MSCC22	SUBASHINI M
100.	2021MSCC23	SUBASHINI V
101.	2021MSCC24	YUVARANI K
102.	2021MSCC25	FEBIA C
103.	2021MSCC26	MARIYA JOSE PRINCIYA J
104.	2021MSCC27	JOY JULIE ANSLIN A
105.	2021MSCC28	SABITHRA S
106.	2021MSCC29	SHANMUGAPRIYA P
107.	2021MSCC30	VISWATHIKA K
108.	2021MSCC31	SNEHA P S
109.	2021MSCC22	YUVARANI K
110.	2021MSCC23	FEBIA C
111.	2021MSCC24	MARIYA JOSE PRINCIYA J
112.	2021MSCC25	JOY JULIE ANSLIN A
113.	2021MSCC26	SABITHRA S
115.	2021MSCC27	SHANMUGAPRIYA P



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116	2021MSCC28	VISWATHIKA K
117	2021MSCC29	SNEHA P S
118	2021MSCC30	YUVARANI K
119	2021MSCC31	FEBIA C
120	2022MSCC02	S.AKILA
121	2022MSCC11	G.KAVIYA
122	2022MSCC09	J.KANISIOUS MARY
123	2022MSCC17	N.SAKTHI PANDIMEENA
124	2022MSCC06	M.DEVIKA
125	2022MSCC12	N.MEERA SOWMIYA
126	2022MSCC14	S.PRIYA DHARSHINI
127	2022MSCC04	A.ARULSNEHA
128	2022MSCC10	R.KARTHIKA
129	2022MSCC19	M.SNEKA
130	2022MSCC15	R.RAMYA
131	2022MSCC21	K.SUDARSORNALAKSHMI
132	2022MSCC03	A.ARUL SHILPA
133	2022MSCC08	J.INFANT NATALIA
134	2022MSCC01	S.ABHISEKA
135	2022MSCC16	V.RESHMA
136	2022MSCC23	K.BRINDHA
137	2022MSCC20	G.SOUNDARYA
138	2022MSCC22	S.UDHAYA PRIYA
139	Dr. S. SUKUMARI	ASSOCIATE PEROFESSOR
140	Dr. A. RAJESWARI	ASSOCIATE PEROFESSOR
141	Dr. B. SUGANTHANA	ASSISTANT PROFESSOR
142	Dr. A. ARUL DEEPA	ASSISTANT PROFESSOR
143	Dr. M. PRIYADHARSHINI	ASSISTANT PROFESSOR

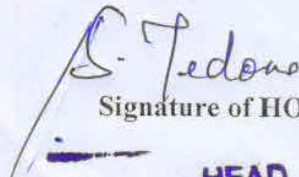


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144	Dr. S. SUBIMOL	ASSISTANT PROFESSOR
145	A. AKILA	Substitute for Dr.B. MEDONA

  
Signature of HOD  
**HEAD**  
Department of Chemistry  
Fatima College (Autonomous),  
Madurai - 625 018.