

DEPARTMENT OF CHEMISTRY

- Title** : National level Seminar on “Recent Trends in Chemistry”
- Date** : 21.12.2016
- Resource Person** : **Prof. E. Arunan**, Inorganic and Physical chemistry department, Indian Institute of Science, Bengaluru and **Prof. R. Saraswathi**, Chairperson and Head of the Department of Material science, School of Chemistry, Madurai Kamaraj University.
- No. of Participants** : 219
- Focus on** : **Entrepreneurship & Skill Development**
- Outcome** :
- Students learnt several aspects of hydrogen bonding such as the nature of physical forces involved, various hydrogen bond donors and acceptors, distance and energy criteria, spectroscopic characterization, and theoretical methods.
 - They also learnt the salient aspects of the three carbon nanomaterials with focused on their synthesis, functionalization and applications.

Report:

The Department of Chemistry of Fatima College organized a one-day national level seminar on “Recent Trends in Chemistry” on 21.12.2016. Rev. Sr. Dr. K. Fatima Mary, Principal, Fatima College, inaugurated the seminar. The Head of the Department of Chemistry Dr. S. Selvarani, welcomed the gathering.

Prof. E. Arunan, Department of Inorganic & Physical Chemistry, IISC, Bangalore, presented his research experiences on inter molecular hydrogen bonding (an attractive interaction between a hydrogen atom from a molecule or a molecular fragment X–H in which X is more electronegative than H, and an atom or a group of atoms in the same or a different molecule). He also discussed the several aspects of hydrogen bonding such as the nature of physical forces involved, various hydrogen bond donors and acceptors, distance and energy criteria, spectroscopic characterization, and theoretical methods. He recommended a novel definition for hydrogen bond to IUPAC.

Prof. R. Saraswathi, Chairperson, School of Chemistry, Madurai Kamaraj University, Madurai, shared her expertise on “Carbon Nano materials and their applications”. Since, the three nanofoms (Fullerenes, carbon nanotubes and grapheme) of carbon which altogether constitute an important area of research in nanoscience and nanotechnology, the lecture

highlighted the salient aspects of the three carbon nanomaterials with focus on their synthesis, functionalization and applications.

Faculty, students and research scholars from various colleges and universities participated and presented their research papers. The session was chaired by Dr. M. Gnanadeebam and Dr. Latha Kannan, Associate professors (Rtd), Department of Chemistry, Fatima college.

Valedictory address was delivered by Rev. Sr. Dr. M. Francisca Flora, Secretary, Fatima College, Madurai. Dr. B. Medona, Dean of Academic Affairs (Science), Associate Professor, Department Of Chemistry, Fatima College, Madurai delivered the vote of thanks.

Invitation

ORGANIZING COMMITTEE Dr. S. Selvarani, M.Sc., Ph.D. Dr. B. Medona, M.Sc., Ph.D. Dr. S. Sukumari, M.Sc., B.Ed., M.Phil., Ph.D., NET. Dr. A. Rajeswari, M.Sc., M.Phil., Ph.D. B. Vinisha, M.Sc., M.Phil., Ph.D. Dr. B. Sureshthana, M.Sc., M.Phil., Ph.D. Dr. St. J. Arul Mary, M.Sc., M.Phil., Ph.D. Ms. R. M. Nagalakshmi, M.Sc., B.Ed., M.Phil. Ms. M. Priyadharsani, M.Sc., M.Phil. Ms. V. Arul Deepa, M.Sc., M.Phil. Ms. J. Kileeyeba Vinnarasi, M.Sc., M.Phil.	FATIMA COLLEGE (AUTONOMOUS) (College with Potential for Excellence) (Re-Accredited with 'A' Grade by NAAC) Mary Land, Madurai-625018  The Department of Chemistry Cordially invites you to the National Seminar on Recent Trends in Chemistry On December 21, 2016 Venue: JUBILEE HALL Fatima College, Madurai-18	PROGRAMME Registration : 9.00 a.m. Inauguration : 9.30 a.m. Lighting the Lamp Prayer Song Welcome Address : Dr. S. Selvarani Head & Associate Professor Department of Chemistry Fatima College Madurai-625018 Inaugural Address : Dr. Sc. K. Fatima Mary Principal Fatima College Madurai-625018 SESSION I Topic : "Intermolecular bonding" Prof. E. Arunan Inorganic & Physical Chemistry Department Indian Institute of Science Bengaluru-560012 Tea Break : 11.30 a.m. - 11.45 a.m. SESSION II Topic : "Carbon Nanomaterials & their Applications" Prof. R. Sarawathi Chairperson School of Chemistry Madurai Kamaraj University Madurai-625021 Lunch : 12.45 p.m. - 1.45 p.m.	SESSION III Paper presentation : 2.00 p.m. - 3.30 p.m. Chairpersons : Dr. M. Gnanadeebam Associate Professor (Rtd) Department of Chemistry Fatima College Madurai-625018 Dr. Latha Kannan Associate Professor (Rtd) Department of Chemistry Fatima College Madurai-625018 Tea Break : 3.30 p.m. - 3.45 p.m. Valediction : 4.00 p.m. Valedictory Address : Rev. Sr. Dr. M. Francisca Flora Secretary Fatima College Madurai-625018 Vote of thanks : Dr. B. Medona Dean of Science Associate Professor Department of Chemistry Fatima College Madurai-625018 NATIONAL ANTHEM
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Photos



Prof. E. Arunan, Department of Inorganic & Physical Chemistry, IISC, Bangalore



**Prof. R. Saraswathi, Chairperson, School of Chemistry, Madurai Kamaraj University,
Madurai**

LIST OF STUDENT UG PARTICIPANTS

S.No	Reg.No	Name
1	2016C01	AGNES PRADEEPA X
2.	2016C02	AMALIPRIYANKA F
3.	2016C03	ANITA ROSELINE G
4.	2016C04	ASHWIN FELICITA A
5.	2016C05	CHRISTINA A
6.	2016C06	CHRISTINA SHARMILI M
7.	2016C07	CHRISTIYA J
8.	2016C08	DARTHY PUNITHA A
9.	2016C09	DEBY JOSEPHINE SANTIA J
10.	2016C10	DEEPIKASHRI J
11.	2016C11	DEVI P
12.	2016C12	DHANALAKSHMI T
13.	2016C13	DHARANI S
14.	2016C14	DHIVYA M
15.	2016C15	DIANA DORA J
16.	2016C16	GAYATHRI DEVI N
17.	2016C17	GAYATHRI MARIAMMAL M
18.	2016C18	GIRIJA PRITHVI P
19.	2016C19	GIRIRAGAVI J
20.	2016C20	HAJISTHA SITHARAA L
21.	2016C21	HEMALATHA R
22.	2016C22	JANARANJANI T
23.	2016C23	JASMINE MARIA THERAS C R
24.	2016C24	JENCY A
25.	2016C25	JENIFER J
26.	2016C26	KINGSELY PHILOMI JERINA S
27.	2016C27	MAHESWARI R
28.	2016C28	MALA D
29.	2016C29	MANIMEGALAI R
30.	2016C30	MERLIN FREDA S R
31.	2016C31	MERLIN RASHMITHA R
32.	2016C32	NIVETHA A
33.	2016C33	NIVETHA R
34.	2016C34	PATHMA PRIYA P
35.	2016C35	PRATIBHA S
36.	2016C36	PREETHI J
37.	2016C37	PRINCY ANTONIA D
38.	2016C38	PRIYADHARSHINI K P
39.	2016C39	PUJA MARY R
40.	2016C40	RAJA SAMYUKTHA M S
41.	2016C41	RANJITHA POOMANI A
42.	2016C42	REVATHY S
43.	2016C43	SABEETHA S
44.	2016C44	SHARMILA P
45.	2016C45	SHEIKNILOFER A
46.	2016C46	SINDHU MONICA M
47.	2016C47	SOWMIYA M
48.	2016C48	SOWMIYA R

49.	2016C49	THARANI R
50.	2016C50	USHA S
51.	2016C51	VIMALA A V R
52.	2016C52	VINCY T
53.	2016C53	YASOTHAI N
54.	2015C01	ANBUKARASI L
55.	2015C02	ANUSIYA J
56.	2015C03	AROCKIA JERINA J
57.	2015C04	AROCKIA SELVI M
58.	2015C05	ARUL PRINCY M
59.	2015C06	ARUNA PARKAVI A
60.	2015C07	AUGUSTINE VINSLET A R
61.	2015C08	BHUVANA G
62.	2015C09	CAROLIN KANMANI J P
63.	2015C10	CELESTI SHEEBA J
64.	2015C11	DEIVANAI M
65.	2015C12	DEVIA
66.	2015C13	DHATSHANA N
67.	2015C14	DIVYA M
68.	2015C15	HASHNI M
69.	2015C16	INDHUJA M
70.	2015C17	IRUTHAYA ANTONY AUXILIYA A
71.	2015C18	JAMUNA S
72.	2015C19	JENIFER JOELLA D
73.	2015C20	JENIFER PREETHI G
74.	2015C21	JERINE SHYLA J
75.	2015C22	JEYA C
76.	2015C23	JOHNCHRISTINA S
77.	2015C24	KANAGANAGESWARI K
78.	2015C25	KOKILAVANI C
79.	2015C26	MAHALAKSHMI D
80.	2015C27	MALATHI K
81.	2015C28	MEENAKSHI R
82.	2015C29	MEENAMBIGAI S
83.	2015C30	MEHALA T
84.	2015C31	MERCY SOPHIA J
85.	2015C32	MUTHUPRIYA C
86.	2015C33	NAGAJOTHI K
87.	2015C34	NAGALAKSHMI N
88.	2015C35	NISHA G
89.	2015C36	NITHYA M J
90.	2015C37	NITHYA P
91.	2015C38	NIVEDHA S T
92.	2015C39	PANDEESWARI V
93.	2015C40	POORANA SAHANA AKSHAYA J
94.	2015C41	POORNA SOUNDRAVALLI B
95.	2015C42	PRESENCY J
96.	2015C43	PRIJITHA J
97.	2015C44	PRIYA P
98.	2015C45	PRIYANKA P
99.	2015C46	RENIBA X
100.	2015C47	SANGEEETHA JOICE M
101.	2015C48	SHANMUGAPRIYA K

102.	2015C49	SHOBANA B
103.	2015C50	SIMI LIBORA J
104.	2015C51	SUBA LAKSHMI S
105.	2015C52	THIRAVIYA K
106.	2015C53	USHA RANI P
107.	2015C54	VAITHEESHWARI V
108.	2015C55	VANISHRI R
109.	2015C56	VARALAKSHMI T
110.	2015C57	VINITHA P
111.	2014C01	ANGELIN JINISHA J S
112.	2014C02	AROCKIA BELCIYA A
113.	2014C03	AROCKIYA FATHIMA VINCY M
114.	2014C04	ARULPRABHA U
115.	2014C05	ARUL UMA A
116.	2014C06	ARUNA V
117.	2014C07	ARUNADEVI K
118.	2014C08	BACKYA CATHERIN J
119.	2014C09	BERNICA B
120.	2014C10	DANISHA MARIA K
121.	2014C11	DEEPA S
122.	2014C12	DIYANA ABINAYA MARY D
123.	2014C13	ELIZABETH RANI V
124.	2014C14	FELICIA B
125.	2014C15	GLADIS EJULA U
126.	2014C16	GRACY S
127.	2014C17	HEMA B
128.	2014C18	HEMA P
129.	2014C19	JOSEPHINE PRIYA T
130.	2014C20	KALAISELVI S
131.	2014C21	KARTHIKA K
132.	2014C22	KARTHIKA S
133.	2014C23	KAVIYA J
134.	2014C24	KRISHNAPRIYA D
135.	2014C25	LAKSHMI R
136.	2014C26	LAKSHMI PRIYA A
137.	2014C27	MARTIN LOOVIYA L
138.	2014C28	MONICA G
139.	2014C29	MUTHUSELVI N
140.	2014C30	NANDHINI M
141.	2014C31	PAVITHRA S V
142.	2014C32	PORSIYA S
143.	2014C33	PRIYADHARSHINI S
144.	2014C34	RABECCA G
145.	2014C35	RAMYA K
146.	2014C36	RESHMA G
147.	2014C37	REVATHI R
148.	2014C38	ROSHINI R
149.	2014C39	SALONI A
150.	2014C40	SATHYAMEENAKSHI M C
151.	2014C41	SHALINI A
152.	2014C42	SHARMILA P
153.	2014C43	SHERIN BANU M
154.	2014C44	SHIVANI S A

155.	2014C45	SHOBANA K
156.	2014C46	SHRI THIVYA M
157.	2014C47	SOBIYA M
158.	2014C48	SONIA R
159.	2014C49	SUBARTHANA M
160.	2014C50	SUBHASHRI P
161.	2014C51	SUVETHA K
162.	2014C52	TAMILARASI S
163.	2014C53	THIRUVASUKI L B
164.	2014C54	VIJILA VINCY C
165.	2014C55	YASHINI P V
166.	2014C56	YASMIN K

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1.	2016MSCC01	AASHAPRIYADHARSHINI M
2.	2016MSCC02	ANITHA S R
3.	2016MSCC03	ARUL MERLIN SEEMA S
4.	2016MSCC04	ASHAPRIYA S
5.	2016MSCC05	BHAMUNI M R
6.	2016MSCC06	CHELLA MEENA S
7.	2016MSCC07	DELPHIN ELACKIYA X
8.	2016MSCC08	FEMILA A
9.	2016MSCC09	GANGADEVI M
10.	2016MSCC10	GAYATHRI M
11.	2016MSCC11	GNANA TAMIL AZHAHI S
12.	2016MSCC12	HEMALATHA N
13.	2016MSCC13	INDHUMATHI A
14.	2016MSCC14	JAYA KARTHIKA J
15.	2016MSCC15	JOSHI ABILA MOL A
16.	2016MSCC16	KASTHURI M
17.	2016MSCC17	KAYALVIZHI R
18.	2016MSCC18	LIZY MARY I
19.	2016MSCC19	LOURDUSNOWS S
20.	2016MSCC20	MANIMEGALAI M
21.	2016MSCC21	MANJULA A
22.	2016MSCC22	PANDEESWARI M
23.	2016MSCC23	ROHINI M
24.	2016MSCC24	SIVASANGARI M
25.	2016MSCC25	TAMILARASI P
26.	2016MSCC26	VASANTHI M
27.	2016MSCC27	VENKATESWARI C
28.	2016MSCC28	VENNILA G
29.	2015MSCC01	AKAMUSA M
30.	2015MSCC02	ANNALKELINAL I
31.	2015MSCC03	ARUL SINTHIYA A
32.	2015MSCC04	ARULSWITHA J
33.	2015MSCC05	DARVIN FREEDA A
34.	2015MSCC06	DIVYA RANI S
35.	2015MSCC07	GEETHA S

36.	2015MSCC08	JOTHI S
37.	2015MSCC09	KOHILAA C
38.	2015MSCC10	MAHAJOTHI C
39.	2015MSCC11	MATRAL AMSARANI P
40.	2015MSCC12	MISTIKA K
41.	2015MSCC13	PRABHA G
42.	2015MSCC14	PRAMILA V
43.	2015MSCC15	PRAVEENAM
44.	2015MSCC16	PRINCY S
45.	2015MSCC17	PRIYADHARSHINI E Y
46.	2015MSCC18	PUSHPALATHA J
47.	2015MSCC19	SAGILA REXI A
48.	2015MSCC20	SANKARI S
49.	2015MSCC21	SHAMLI N
50.	2015MSCC22	SUPRIYAA S
51.	2015MSCC23	SURYAPRABHA K
52.	2015MSCC24	VASUKI V
53.	2015MSCC25	VENNILA M