

DEPARTMENT OF CHEMISTRY

Title : State Level Seminar on “Recent Trends in Chemistry”
Date : 28.09.2018
Resource Person : 1. Dr. D. Ravishankaran, Associate Professor, National centre for Nanoscience and Nanotechnology, University of Madras, Guindy Campus, Chennai
:2. Dr. T. Stalin, Assistant Professor, Department of Industrial Chemistry, Alagappa University, Karaikudi
No. of Participants : 189
Focus on : **Entrepreneurship & Skill Development**
Outcome

- The Resource person’s Inaugural address on the topic **“Cancer Nanotechnology”** enlightened the students on the **role of nanotechnology in the diagnosis of Cancer, which has brought revolution in cancer detection and treatment.**
- The students were also told about how **specific cross linkers such as antibiotics are used against cancer cells location and how certain nanomaterials can also deliver cancer drugs at the site**, so the drug toxicity can be reduced.
- The second lecture on **“Interaction of host-guest complexes with light and its applications”** gave a lot of information about host-guest relationship and how it encompasses the idea of molecular recognition and interaction through non-covalent bonding.
- They also were explained how **dendrimers along with host-guest complex are used in medicine, to improve drug delivery** by increasing solubility and bio-availability.

Report:

A One-day State level Seminar on “Recent trends in Chemistry” was organised by the Department of Chemistry at San Jose Seminar Hall on Friday, 25th September, 2018. The Inaugural Address was delivered by the Guest of Honour Dr. D. Ravishankaran, Associate Professor, National Centre for Nanoscience and Nanotechnology, University of Madras, Guindy Campus, Chennai.

The first technical session was handled by Dr. D. Ravishankaran on “Cancer-Nanotechnology”. He discussed the diagnosis of cancer using nanotechnology which has brought revolution in cancer detection and treatment. He also discussed about how specific cross linkers such as antibiotics are used against cancer cells location. He shared his views on how certain nanomaterials can also deliver cancer drugs at the site, thereby reducing the drug toxicity.

The afternoon session was handled by Dr. T. Stalin, Assistant Professor, Department of Industrial Chemistry, Alagappa University, Karaikudi. He spoke on “Interaction of host-guest complexes with light and its applications”. He discussed host-guest relationship and how it encompasses the idea of molecular recognition and interaction through non-covalent bonding. He explained how dendrimers along with host-guest complex are used in medicine, to improve the drug delivery by increasing the solubility and bio-availability.

<p style="text-align: center;">Fatima College (Autonomous)</p> <p style="text-align: center;">Mary Land, Madurai - 625 018 (College with Potential for Excellence) (Re-Accredited with “A” Grade by NAAC)</p> <div style="text-align: center;">  </div> <p style="text-align: center;">Department of Chemistry Cordially invites you to the State Level Seminar on</p> <p style="text-align: center; border: 1px solid black; padding: 5px; background-color: #f0f0f0;">“Recent Trends in Chemistry”</p> <p style="text-align: center;">DATE : 28.09.2018 VENUE : SAN JOSE HALL</p>	<p style="text-align: center; font-size: 1.2em; font-weight: bold; color: #ff69b4;">Programme</p> <p>Registration 9.00a.m. Inauguration 9.30a.m.</p> <p>Prayer</p> <p>Welcome Address : Dr. S. Selvarani, Head and Associate Professor, Department of Chemistry, Fatima College, Madurai</p> <p>Felicitation : Dr. Sr. G. Collipo Sahaya Mary, Principal, Fatima College, Madurai</p> <p>Inaugural Address : Dr. D. Ravi Shankaran, Associate Professor, National Centre for Nanoscience and Nanotechnology (NCNSNT), University of Madras, Chennai</p> <p>Tea Break : 10.15 a.m - 10.45 a.m</p> <p style="text-align: center;">Technical Session I : 10.45 a.m - 12.15 p.m</p> <p>Topic : “Cancer Nanotechnology” Dr. D. Ravi Shankaran, Associate Professor, National Centre for Nanoscience and Nanotechnology (NCNSNT), University of Madras, Chennai</p> <p>Lunch : 12.15 p.m - 01.30 p.m</p> <p style="text-align: center;">Technical Session II : 01.30 p.m - 03.00 p.m</p> <p>Topic : “Host-Guest Complexes and their Applications” Dr. T. Stalin, Assistant Professor, Department of Industrial Chemistry Alagappa University, Karaikudi</p> <p>Valediction : 03.00 p.m - 03.45 p.m</p> <p>Valedictory Address : Dr. Sr. Francisca Flora, Secretary, Fatima College, Madurai</p> <p>Vote of Thanks : Dr. B. Medona, Associate Professor, Department of Chemistry, Fatima College</p> <p>National Anthem</p> <p style="text-align: right;">Registration Fee: Rs.100/-</p>
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Dr. D. Ravishankaran, Associate Professor, National Centre for Nanoscience and Nanotechnology, University of Madras, Guindy Campus, Chennai, honoured by Dr. Sr. Fransisca Flora, Secretary of Fatima College.



Dr. D. Ravishankaran delivering his talk



Dr. Stalin, Assistant Professor, Department of Industrial Chemistry, Alagappa University, Karaikudi, at the Seminar



List of students who participated in the event

1.	AISHWARYA R
2.	ANUSIYA A
3.	ASHA BANU A
4.	BACKIYA LAKSHMI M
5.	BHANUPRIYA P
6.	BINDHU B
7.	BUSPIT HEARIN JUDE P J
8.	FATHIMA ROSELIEN S
9.	GAYATHRI S
10.	HEMA DHARSHINI R
11.	JANANI H
12.	JANANI R
13.	JASMINE JENOBHA D
14.	JAYASUDHA J
15.	JENIFER T
16.	JESLIN SNEHA J
17.	KARTHIGA SELVI R
18.	KEERTHIKA K
19.	KEERTHIKA K
20.	MAGIMAGRACE V
21.	MANSOORUL SAJITHA THASLEEM M
22.	MARIYA JOSE PRINCIYA J
23.	MARY JERAFIN S
24.	MERLIN MARIA PRAVEENA A
25.	POOJA V
26.	RAJA DHIVYA K R
27.	REGINA THERASA S
28.	SHEEBA K
29.	SOWMIYA S
30.	SRI HARSHINI M
31.	SUBASHINI V
32.	SWETHA S
33.	SWETHA T
34.	VISWATHIKA K
35.	YOGALAKSHMI C
36.	YOHAE SWARI J
37.	DHARSHANA R
38.	INFANTAJENIFER A
39.	SUBASHINI M
40.	YOGAPRIYA T
41.	AKSHAYA K
42.	ANU RATTHIKA S
43.	AROCKIA AMRISHA T

44.	ASHWINI N S
45.	BALA KEERTHANA C
46.	DIVYA M
47.	ELSI S
48.	GOMATHI K S
49.	HARIHARANI S
50.	JAYA DHARSHNI G
51.	JEBA SANTHIYA A
52.	JENIFER S
53.	JERME SNEHA A
54.	JEYA PREETHA J
55.	JEYASHREE K
56.	JULIET J
57.	KARTHIGA R
58.	LAKSHMI PRIYA A
59.	LAVANYA CHABATTULA
60.	LIPRANCIA MARY P
61.	MANI MEENA B U
62.	MATHUMATHI S
63.	MERCY MAGDALENE P
64.	MERLIN PRINCY A
65.	MERLINE PUNITHA S
66.	MONISHA
67.	NIVETHITHA A
68.	PAVITHRA S
69.	PAVITHRA S
70.	PHILO SEELI S
71.	PRIYANKA K
72.	RAKSHAYA K
73.	RAMA ROHINI B
74.	ROSARY JUANA FERNANDO T
75.	SALETH PRAPA J
76.	SARALA I
77.	SELCIAH M
78.	SIMLA MARY E
79.	SINDHU K
80.	SINDHUJHA S
81.	SIVA DHARSHANI C
82.	SMITHAH LILLY M S
83.	SUBALAKSHMI M
84.	SUMITHRA T
85.	SUSANNA OPPILAL M
86.	SUSHMA M
87.	THERESA DEEPTHI J
88.	AGNES PRADEEPA X
89.	ANITA ROSELINE G

90.	ASHWIN FELICITA A
91.	CHRISTINA A
92.	CHRISTINA SHARMILI M
93.	CHRISTIYA J
94.	DARTHY PUNITHA A
95.	DEBY JOSEPHINE SANTIA J
96.	DEEPIKASHRI J
97.	DEVI P
98.	DHANALAKSHMI T
99.	DHARANI S
100.	DHIVYA M
101.	DIANA DORA J
102.	GAYATHRI DEVI N
103.	GAYATHRI MARIAMMAL M
104.	GIRIJA PRITHVI P
105.	GIRIRAGAVI J
106.	HAJISTHA SITHARAA L
107.	HEMALATHA R
108.	JANARANJANI T
109.	JASMINE MARIA THERAS C R
110.	JENCY A
111.	JENIFER J
112.	KINGSELY PHILOMI JERINA S
113.	MAHESWARI R
114.	MALA D
115.	MANIMEGALAI R
116.	MERLIN RASHMITHA R
117.	NIVETHA A
118.	NIVETHA R
119.	PATHMA PRIYA P
120.	PRATIBHA S
121.	PREETHI J
122.	PRINCY ANTONIA D
123.	PRIYADHARSHINI K P
124.	PUJA MARY R
125.	RAJA SAMYUKTHA M S
126.	REVATHY S
127.	SABEETHA S
128.	SHARMILA P
129.	SHEIK NILOFER A
130.	SINDHU MONICA M
131.	SOWMIYA M
132.	THARANI R
133.	USHA S
134.	VIMALA A V R
135.	VINCY T

136.	YASOTHAI N
137.	AROCKIA GOWSALYA M
138.	AROCKIYA MEDONA A
139.	ARUNA MEENAKSHI E
140.	BERNICA B
141.	ELIZABETH RANI V
142.	FELICIA B
143.	HEMA P
144.	JOSEPHINE PRIYA T
145.	KRISHNA VENI K
146.	MONICA G
147.	PAP SUBHASHINI N
148.	PORSIYA S
149.	PRINCILAJOTHI T
150.	PRIYA DHARSHINI J
151.	RABECCA G
152.	RESHMA G
153.	SARANYA M
154.	SASIKALA P
155.	SENTHIL KUMARI K
156.	SHARMILA P
157.	SHRI THIVYA M
158.	SOWNDHARYA K
159.	SUBASHINI V S
160.	SUBHASHRI P
161.	THIRUVASUKI L B
162.	VASHIFA YASMIN D
163.	VIJILA VINCY C
164.	YASMIN K
165.	AISHWARYA. S
166.	AROCKIYAJERINA. J
167.	ARUNAPARKAVI.A.R
168.	AUGUSTINE VINSLET. A.R
169.	CELESTIAL SHEEBA. J
170.	DAISY. K. T
171.	DHATSHANA. N
172.	DIVYA. M
173.	GLADISHREXLIN. R
174.	JERINESHYLA. J
175.	KANAGANAGESHWARI.
176.	LAKSHMI PRIYA. S
177.	MEHALA. T
178.	NAGASARANYA. G
179.	NANDHINI. P
180.	NITHYA. P

181.	POORNASOUNDRAVALLI
182.	PRIYANKA. P
183.	RAMYALAKSHMI. M
184.	RENIBA. X
185.	SHALINI.V.P
186.	SHANMUGAPRIYA. K
187.	SHIVANI. S. A
188.	SHOBANA. B
189.	VANISHRI. R