

**FATIMA COLLEGE (AUTONOMOUS), MADURAI**

**DEPARTMENT OF CHEMISTRY**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Title</b>               | <b>: National Seminar on “Recent Trends in Chemistry”</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Date</b>                | <b>: 19.02.2020</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Resource Person</b>     | <b>: Dr. M.G. Sethu Raman, Professor of Chemistry &amp; Director (R&amp; D), Gandhigram Rural Institute, Gandhigram</b><br><b>: Dr. V. Ganesh, Principal scientist, Electrode &amp; Electro catalysis Division (EEC) Division, CSIR – CECRI, Karaikudi</b><br><b>: Dr. S. Shanmuga raju, Assistant Professor in chemistry, IIT, Palakad, Kerala</b><br><b>: Dr. V.S. Vasantha, Professor &amp; Head, Department Of Natural products Chemistry, Chair person (i/ c), School of chemistry, Madurai Kamaraj University, Madurai</b> |
| <b>No. of Participants</b> | <b>: 208</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Focus on</b>            | <b>: Entrepreneurship</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Outcome</b>             | <b>: The students learnt about Nano Chemistry, Supramolecular chemistry, Electrochemistry, Surface chemistry, Electro-analytical chemistry, Electron transfer studies across electrode-electrolyte Interface, Surface modification of metals, semiconductors and oxide materials for sensing and catalytic applications</b>                                                                                                                                                                                                      |

**REPORT OF THE NATIONAL SEMINAR**

**FATIMA COLLEGE (AUTONOMOUS) (*College with Potential for Excellence*)**

**(Re- Accredited with 'A' Grade by NAAC)**

**(National level 95<sup>th</sup> Rank – NIRF 2018), Mary Land, MADURAI-625018**

**National Seminar on “Recent Trends in Chemistry”**

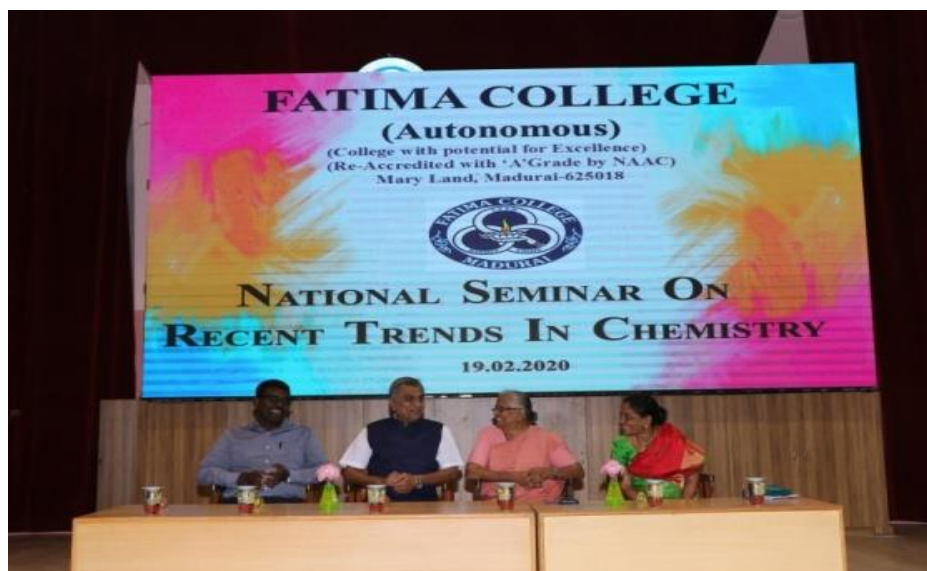
**Organized by the Department of Chemistry, FEBRUARY 19, 2020**

The department of chemistry of Fatima College, organized a one-day national seminar on “Recent trends in Chemistry” on 19.02.2020. Rev. Sr. **Dr. M.Francisca Flora, Secretary**, Fatima College, inaugurated the seminar. **Rev. Sr. Dr. G. Celine Sahaya Mary, Principal, Fatima College, Madurai Felicitated the Seminar.** The Head of the Department of Chemistry Dr. S. Selvarani, welcomed the gathering.

**Dr. M.G. Sethu Raman, Professor of Chemistry, & Director (R& D), Gandhigram Rural Institute, Gandhigram delivered a key note address and** shared his expertise on Nano Chemistry. **Dr. S. Shanmuga Raju, Assistant Professor in Chemistry, IIT, Palakad, Kerala.** spoke on “Supramolecular chemistry – Where from? Where to?” and he pointed out Supramolecular Self-assembly- formation of discrete molecular architectures and their functional applications and construction of mesoporous polymers for selective adsorption and sequestration of pollutants and hazardous chemical substances

In the post lunch session, **Dr. V. Ganesh, Principal scientist, Electronics & Electro catalysis Division (EEC) Division, CSIR – CECRI, Karaikudi** shared his expertise on Electrochemistry, Surface chemistry, Electro-analytical chemistry, Electron transfer studies across electrode-electrolyte Interface, Surface modification of metals, semiconductors and oxide materials for sensing and catalytic applications. Faculty members, students and Research scholars from various colleges and universities have participated in national seminar.

Valedictory address was delivered by Dr. V.S. Vasantha, Professor & Head, Department of Natural products Chemistry, Chairperson (i/ c), School of chemistry, Madurai Kamaraj University, Madurai. She highlighted the schemes and fellowships offered by UGC for women to inculcate research and to pursue their higher education in India. Finally, Dr. B. Medona, Associate Professor, Department of Chemistry, Fatima College, Madurai delivered vote of thanks.



**Dr. M.G. Sethu Raman, Professor of Chemistry, & Director (R& D), Gandhigram Rural Institute, Gandhigram and Dr. S. Shanmuga Raju, Assistant Professor in Chemistry, IIT, Palakad, Kerala at the Inaugural Programme**





**Dr. S. Shanmuga Raju, Assistant Professor in Chemistry, IIT, Palakad, Kerala, addressing the participants**



# FATIMA COLLEGE

(AUTONOMOUS)

(College with Potential for Excellence)  
(Re-Accredited with 'A' Grade by NAAC)  
Mary Land, Madurai-625019

The Department of Chemistry  
Cordially invites you to the

## National Seminar on Recent Trends in Chemistry

Date : 19.02.2020

Venue : JUBILEE HALL



### PROGRAMME

|                      |                                                                                                                                                                                         |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Registration         | 9:00 a.m.                                                                                                                                                                               |
| Inauguration         | 9:30 a.m.                                                                                                                                                                               |
| Prayer               |                                                                                                                                                                                         |
| Welcome Address      | Dr.S. Selvarani,<br>Associate Prof & Head, Department of Chemistry,<br>Fatima College Madurai.                                                                                          |
| Inaugural Address    | Rev. Sr.Dr. M. Francisca Flora,<br>Secretary, Fatima College Madurai.                                                                                                                   |
| Felicitation         | Rev. Sr.Dr.G. Celina Sahaya Mary,<br>Principal, Fatima College Madurai.                                                                                                                 |
| Key-Note Address     | Dr.M.G. Sathuraman,<br>Professor of Chemistry & Director, R&D,<br>The Gardigum Kovv Institute, Gardigum.                                                                                |
| Tea Break            | 11:15 – 11:30 a.m.                                                                                                                                                                      |
| Technical Session I  | 11:30 – 12:45 p.m.                                                                                                                                                                      |
| Topic                | "Supramolecular chemistry: Where from? Where to?"<br>Dr.S. Shanmugapriya,<br>Assistant Professor in Chemistry,<br>Indian Institute of Technology Palakkad, Kerala.                      |
| Lunch                | 12:45 – 1:45 p.m.                                                                                                                                                                       |
| Technical Session II | 1:45 – 3:00 p.m.                                                                                                                                                                        |
| Topic                | "Electrochemical Biosensors:<br>The Need for Multidisciplinary Approach"<br>Dr.V. GANESH,<br>Principal Scientist,<br>Electronics & Electrochemicals Division, CSIR-CECRI,<br>Karakulam. |
| Valediction          | 3:00 p.m.                                                                                                                                                                               |
| Valedictory Address  | Dr.V.S. Vasantha,<br>Professor & Head,<br>Department of Natural Products Chemistry,<br>Chandrasekhar School of Chemistry,<br>Madurai Kamaraj University, Madurai.                       |
| Vote of Thanks       | Dr.B. Medona,<br>Associate Professor, Department of Chemistry,<br>Fatima College Madurai.                                                                                               |

### List of students Participated in the event

| S. NO. | NAME OF THE STUDENTS       |
|--------|----------------------------|
| 1.     | AISHWARYA S                |
| 2.     | AROCKIA JERINA J           |
| 3.     | ARUNA PARKAVI A            |
| 4.     | AUGUSTINE VINSLET A R      |
| 5.     | CELESTI SHEEBA J           |
| 6.     | DAISY K T                  |
| 7.     | DHATSHANA N                |
| 8.     | DIVYA M                    |
| 9.     | GLADISHREXLIN R            |
| 10.    | JAMUNA S                   |
| 11.    | JERINE SHYLA J             |
| 12.    | KANAGANAGESWARI K          |
| 13.    | KOKILAVANI C               |
| 14.    | LAKSHMI PRIYA S            |
| 15.    | MEHALA T                   |
| 16.    | NAGASARANYA G              |
| 17.    | NANDHINI P                 |
| 18.    | NITHYA P                   |
| 19.    | POORNA SOUNDRAVALLI B      |
| 20.    | PRIYANKA P                 |
| 21.    | RAMYALAKSHMI M             |
| 22.    | RENIBA X                   |
| 23.    | SHALINI V P                |
| 24.    | SHANMUGAPRIYA K            |
| 25.    | SHIVANI S A                |
| 26.    | SHOBANA B                  |
| 27.    | VANISHRI R                 |
| 28.    | ANUSIYA J                  |
| 29.    | ASVITHA HARINI P V         |
| 30.    | BAGAVATHI O                |
| 31.    | BEULA ESTHER P             |
| 32.    | BRISKY I                   |
| 33.    | CHRISTINA A                |
| 34.    | CHRISTIYA J                |
| 35.    | DEEPA S                    |
| 36.    | EBCIBA DENIYAL P           |
| 37.    | ELAKKIYABHARATHI A         |
| 38.    | GAYATHRI DEVI N            |
| 39.    | IRUDAYA RINCI J            |
| 40.    | IRUTHAYA ANTONY AUXILIYA A |
| 41.    | JENCY A                    |
| 42.    | NANDHINI G                 |
| 43.    | NIVETHA A                  |
| 44.    | NIVETHA R                  |
| 45.    | PRABHANATHI S              |
| 46.    | PRINCY A                   |
| 47.    | PRITHIKA R                 |
| 48.    | SIVAGAMI G                 |

|     |                         |
|-----|-------------------------|
| 49. | SOWMIYA M               |
| 50. | SRIJAA R                |
| 51. | SUMITHRADEVI A          |
| 52. | SUREKA K                |
| 53. | VENUS MARY J            |
| 54. | YAMUNA R S              |
| 55. | YASOTHAIN               |
| 56. | JENESH J                |
| 57. | AKSHAYA K               |
| 58. | ANU RATTHIKA S          |
| 59. | AROCKIA AMRISHA T       |
| 60. | ASHWINI N S             |
| 61. | BALA KEERTHANA C        |
| 62. | DEEPIKA FRANCILAL A     |
| 63. | DIVYA M                 |
| 64. | ELSI S                  |
| 65. | GOMATHI K S             |
| 66. | HARIHARANI S            |
| 67. | JAYA DHARSHNI G         |
| 68. | JEBA ANITHA A           |
| 69. | JEBA SANTHIYA A         |
| 70. | JENIFER S               |
| 71. | JERME SNEHA A           |
| 72. | JEYA PREETHA J          |
| 73. | JEYASHREE K             |
| 74. | JULIET J                |
| 75. | KARTHIGA R              |
| 76. | LAKSHMI PRIYA A         |
| 77. | LAVANYA CHABATTULA      |
| 78. | LIPRANCIA MARY P        |
| 79. | MANI MEENA B U          |
| 80. | MATHUMATHI S            |
| 81. | MERCY MAGDALENE P       |
| 82. | MERLIN PRINCY A         |
| 83. | MERLINE PUNITHA S       |
| 84. | MONISHA                 |
| 85. | NIVETHITHA A            |
| 86. | PAVITHRA S              |
| 87. | PAVITHRA S              |
| 88. | PHILO SEELI S           |
| 89. | PRIYANKA K              |
| 90. | RAKSHAYA K              |
| 91. | RAMA ROHINI B           |
| 92. | ROSARY JUANA FERNANDO T |
| 93. | SALETH PRAPA J          |
| 94. | SARALA I                |
| 95. | SELCIAH M               |
| 96. | SIMLA MARY E            |
| 97. | SINDHU K                |
| 98. | SINDHUJHA S             |
| 99. | SIVA DHARSHANI C        |

|      |                              |
|------|------------------------------|
| 100. | SMITHAH LILLY M S            |
| 101. | SUBALAKSHMI M                |
| 102. | SUMITHRA T                   |
| 103. | SURIYA M                     |
| 104. | SUSANNA OPPILAL M            |
| 105. | SUSHMA M                     |
| 106. | THERESA DEEPTHI J            |
| 107. | AISHWARYA R                  |
| 108. | ANNAPOORANI ALIAS VARSHINI E |
| 109. | ANUSIYA A                    |
| 110. | ASHA BANU A                  |
| 111. | BACKIYA LAKSHMI M            |
| 112. | BHANUPRIYA P                 |
| 113. | BINDHU B                     |
| 114. | BUSPIT HEARIN JUDE P J       |
| 115. | FATHIMA ROSELIEN S           |
| 116. | GAYATHRI S                   |
| 117. | HEMA DHARSHINI R             |
| 118. | JANANI H                     |
| 119. | JANANI R                     |
| 120. | JASMINE JENOBHA D            |
| 121. | JAYASUDHA J                  |
| 122. | JENIFER T                    |
| 123. | JESLIN SNEHA J               |
| 124. | KARTHIGA SELVI R             |
| 125. | KEERTHIKA K                  |
| 126. | KEERTHIKA K                  |
| 127. | MAGIMAGRACE V                |
| 128. | MANSOORUL SAJITHA THASLEEM M |
| 129. | MARIYA JOSE PRINCIYA J       |
| 130. | MARY JERAFIN S               |
| 131. | MERLIN MARIA PRAVEENA A      |
| 132. | POOJA V                      |
| 133. | RAJA DHIVYA K R              |
| 134. | REGINA THERASA S             |
| 135. | SHEEBA K                     |
| 136. | SOWMIYA S                    |
| 137. | SRI HARSHINI M               |
| 138. | SUBASHINI V                  |
| 139. | SWETHA S                     |
| 140. | SWETHA T                     |
| 141. | VISWATHIKA K                 |
| 142. | YOGALAKSHMI C                |
| 143. | YOHAEWARI J                  |
| 144. | DHARSHANA R                  |
| 145. | INFANTAJENIFER A             |
| 146. | SUBASHINI M                  |
| 147. | YOGAPRIYA T                  |
| 148. | ANTO THERASITA I             |
| 149. | AROKEYA RUBIKA M             |
| 150. | ARULSNEHA A                  |

|      |                     |
|------|---------------------|
| 151. | DELICIA A           |
| 152. | GLORY S             |
| 153. | INFANTA SNEKA J     |
| 154. | JOBKAMARY S         |
| 155. | JOTHIMANI V         |
| 156. | KARTHIKA R          |
| 157. | KASTHURI S          |
| 158. | KOWSHIKA K          |
| 159. | MAHALAKSHMI R       |
| 160. | MALATHY R           |
| 161. | MARAGATHAVALLI P    |
| 162. | MUGIL MELVENA E     |
| 163. | NISHA R             |
| 164. | PANDIYAMMAL L       |
| 165. | PAVITHRA K          |
| 166. | PAVITHRA M          |
| 167. | PRINCY REMIFA D     |
| 168. | PRIYADHARSHINI M    |
| 169. | RENCY S             |
| 170. | RESHMA V            |
| 171. | RUBY S              |
| 172. | SABITHA JOAN V      |
| 173. | SAKTHI PANDIMEENA N |
| 174. | SHALINI E           |
| 175. | SHANMUGAPRIYA M     |
| 176. | SHOBANA M           |
| 177. | SINDHUJA S          |
| 178. | SIVAKEERTHIKA P     |
| 179. | SNEHA A             |
| 180. | SNEKA M             |
| 181. | SUDARSORNALAKSHMI K |
| 182. | VAISHNAVI C         |
| 183. | VASANTHA RUBA J     |
| 184. | VASUNDHRA D         |
| 185. | VISHNUPRIA G        |
| 186. | AFRIN FATHIMA S     |
| 187. | ROSY PRADEEPA L     |
| 188. | AJITHA T M          |

| FATIMA COLLEGE<br>DEPARTMENT OF CHEMISTRY<br>NATIONAL SEMINAR ON RECENT TRENDS IN CHEMISTRY - 19-02-2020<br>REGISTRATION FORM FOR STUDENTS |                           |                         |                      |                             |         |
|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------|-------------------------|----------------------|-----------------------------|---------|
| S.No                                                                                                                                       | NAME (in capital letters) | COURSE/YEAR             | COLLEGE/INSTITUTION  | E-Mail ID                   | REG.FEE |
| 1.                                                                                                                                         | M. JAYAGALAKSHMI          | III - B.Sc. CHEMISTRY   | Sourashtra College   | mujayagalakshmi@gmail.com   | 100 ✓   |
| 2.                                                                                                                                         | M. KARTHIKA               | III - B.Sc. CHEMISTRY   | Sourashtra College   | karthika1911dani@gmail.com  | 100 ✓   |
| 3.                                                                                                                                         | T. PAVANJ                 | III - B.Sc. CHEMISTRY   | Sourashtra College   | pavap2934@gmail.com         | 100 ✓   |
| 4.                                                                                                                                         | S. SANGEETHA              | III - B.Sc. Chemistry   | Sourashtra College   | sangeethakie@gmail.com      | 100 ✓   |
| 5.                                                                                                                                         | A.K. SUVALAKSHMI          | III - B.Sc. Chemistry   | Sourashtra College   | aksubalakshmi1998@gmail.com | 100 ✓   |
| 6.                                                                                                                                         | V. VADISHNAVI             | III - B.Sc. Chemistry   | Sourashtra College   | v.vadishnavi36@gmail.com    | 100 ✓   |
| 7.                                                                                                                                         | Dorothy Priyanka Dorais   | Ph.D. Chemistry         | NIT, Tiruchirappalli | dorothy.priyanka@gmail.com  | 100 ✓   |
| 8.                                                                                                                                         | A. ANANDA RAJ             | II - M.Sc. Chemistry    | Anil Anand's college | anandraj100797@gmail.com    | 100 ✓   |
| 9.                                                                                                                                         | S. Jeyaraj                | II msc chemistry        | Anil anand's college | s.jeyaraj@gmail.com         | 100 ✓   |
| 10.                                                                                                                                        | K.R. G. SATHYA            | III - B.Sc. Chemistry   | Sourashtra College   | sathya.kr@3@gmail.com       | 100 ✓   |
| 11.                                                                                                                                        | J. SHALINI                | III - B.Sc. Chemistry   | Sourashtra College   | j.shaliniselvi23@gmail.com  | 100 ✓   |
| 12.                                                                                                                                        | K. Anitha                 | III - B.Sc. (Chemistry) | Sourashtra college   | anitha.38620@gmail.com      | 100 ✓   |

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