



# Organizing Committee :

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(Organizing Secretary)

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**Dr. Mary Nancy T.E**

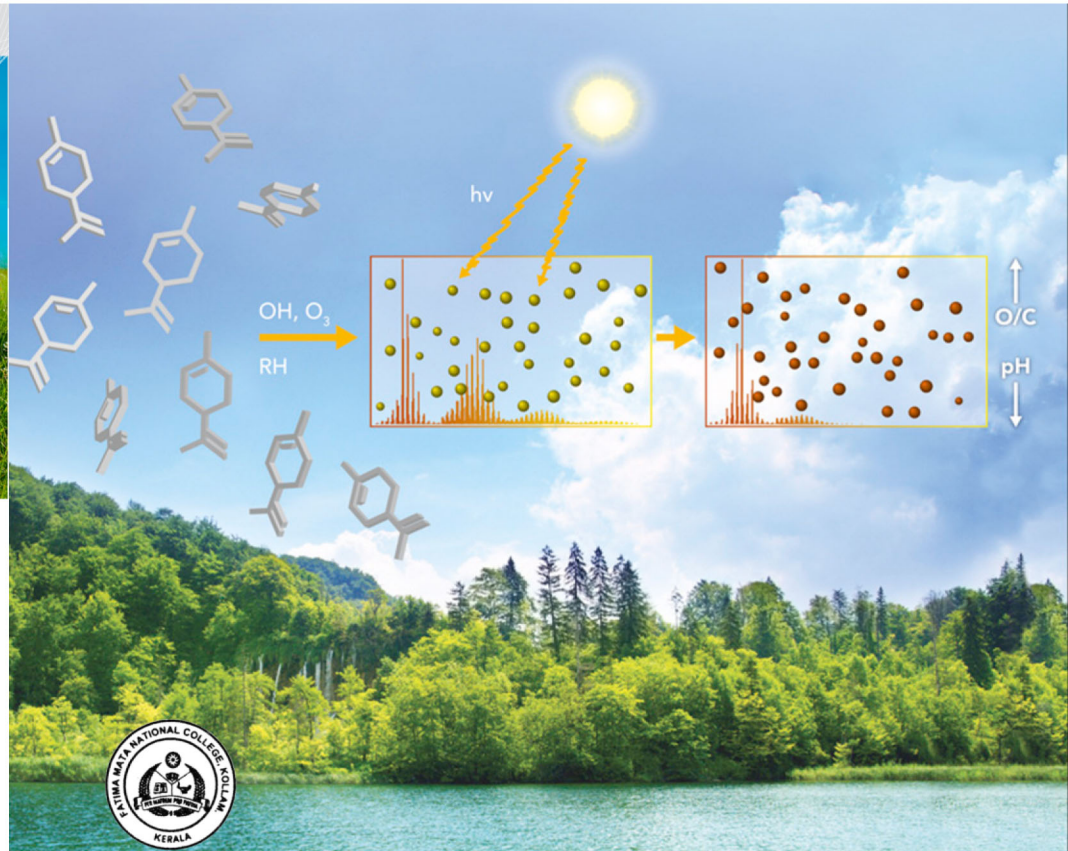
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**Dr. Manoj C. Raj**



**Fatima Mata National College, Kollam - 691001**

(Autonomous)

(NAAC Re accredited - 'A' Grade)

## State Level Seminar on Solar Photochemistry-Fundamentals and Applications

**DATE : 28. 01. 16 THURSDAY**

**VENUE : COLLEGE AUDITORIUM**

*Organized by*

Post Graduate & Research Department of Chemistry

*Sponsored by the*

Kerala State Council for Science, Technology  
and Environment

*In Association with*

Academy of Chemistry Teachers (ACT)

*Best wishes from...*



**Sreekumar Laboratory Supplies**

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Scientific Equipments & Laboratory Chemicals

**College House Building, S.N. College Junction, Kollam-691 001**



Fatima Mata College was founded in 1951 by His Excellency Rt. Rev. Dr. Jerome M. Fernandez with a view to providing facilities for higher education in the Diocese of Quilon. This year the college is Celebrating its 65<sup>th</sup> year of committed service in the field of higher education.

Dept. of Chemistry was established in 1952 with BSc. Chemistry course. The department now offers BSc. Chemistry, BSc. Polymer Chemistry & MSc. Chemistry. In 2013 the Department was elevated to Research Centre.

Photochemistry is the chemistry induced by light. Sun being the most abundant and widespread light (and consequently energy) source on earth, it is obvious that solar light can also induce chemical reactions. There are several classes of organic pollutants (organic dyes, pharmaceuticals, polycyclic aromatic hydrocarbons, polychlorinated pesticides, polychlorinated dibenzodioxins, dibenzofurans and biphenyls) that by the seriousness of the risks they pose to environment and human health are considered priorities for environmental monitoring by the most important environmental agencies. In this seminar we will show how solar light can be advantageously used for environmental remediation, leading to the destruction of environmentally relevant molecules, especially when they are present in industrial wastewaters. To gain insight to our students into the field of Solar Photochemistry and its applications, the Department of Chemistry, Fatima Mata National College, Kollam is planning to conduct a **seminar on Solar Photochemistry-Fundamentals and Applications**

The Department extends a very warm welcome to students, researchers and academicians to the seminar.

**Dr. Vincent B Netto**  
Principal

**Dr. Sheeja Mathews**  
H.O.D

**Dr. Manohar D. Mullassery**  
Organizing Secretary  
Ph: 9447110857  
email: mdmullassery@gmail.com

## Programme

- 9.00am : Registration  
9.30 am : Inauguration  
10.00 am : Tea Break  
10.15 am : Invited Talk - 1 - **Dr. Yoosaf Karuvath**  
(Scientist, National Institute of Interdisciplinary  
Science & Technology(NIIST), TVM  
12.30 pm : Lunch Break  
1.30 pm : Invited Talk - 2 - **Dr. Ajayakumar G.**  
(Asst. Prof. of Chemistry, Govt. Women's College, Tvm)  
3.30 pm : Valedictory Function

## Call for Papers

The paper should be submitted as email attachment on or before  
22.01.2016 to mdmullassery@gmail.com.

The manuscript should be typed in Times New Roman with font size 12.  
1m x 1m space will be provided for poster presentation  
(proceedings will be published)

## Registration Fees:

|  |           |
|--|-----------|
| Students                                 | Rs. 50/-  |
| Research Scholars                        | Rs. 100/- |
| Faculty from Educational<br>Institutions | Rs. 500/- |