

EFCS-2018

Programme Schedule

November 23-24

Day 1

08:30 AM 09:30 AM Registration

Inaugural Ceremony

Venue: Audio Visual Theatre

09:30 AM 10:00 AM Chief Guest: **Prof. Swaminathan Sivaram**
Honorary Professor and INSA Senior Scientist
Indian Institute of Science Education and Research (IISER), Pune

Honouring: **Dr. Santosh R Nandan**
Director, Ambernath Organics Pvt. Ltd, Mumbai

Technical Session - 1

CHAIR : Prof. K. K. Unnikrishnan, President, FALChem

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|---|----------|----------|----------|--|
| 1 | 10:00 AM | 10:40 AM | Topic: | Porous Functional Polymers And Their Applications In Charge Storage Devices |
| | | | Speaker: | Prof. Swaminathan Sivaram
<i>Indian Institute of Science Education and Research
Pune</i> |
| 2 | 10:40 AM | 11:20 AM | Topic: | Atomically Precise Noble Metal Solids |
| | | | Speaker: | Prof. T. Pradeep
<i>Indian Institute of Technology Madras
Chennai</i> |

Conference Photo Session

11:20 AM 11:30 AM

Tea Break

11:30 AM 11:50 AM Refreshment Area Right side of AVT

Technical Session -2

CHAIR : Prof. P. Raveendran, HoD Chemistry, University of Calicut

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|---|----------|----------|----------|---|
| 3 | 11:50 AM | 12:30 PM | Topic: | Nanomaterial Synthesis: How To Bridge The "Lab To Market" Gap? |
| | | | Speaker: | Dr. B. L. V. Prasad
<i>CSIR-National Chemical Laboratory
Pune</i> |

Lunch Break

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| 12:30 PM | 1:30 PM | Food Court
Yusuf-Al-Saquar Auditorium |
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Technical Session - 3

CHAIR : Prof. K. Koyatty, Rtd. Prof. of Chemistry, Farook College

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|---|---------|---------|----------|--|
| 4 | 1:30 PM | 2:10 PM | Topic: | Targeting Structure Specific DNAs And Proteins For Therapeutic And Sensor Applications |
| | | | Speaker: | Prof. A. C. Bhasikkuttan
<i>Bhabha Atomic Research Centre,
Mumbai</i> |
| 5 | 2:10 PM | 2:50 PM | Topic: | Carbon Nano Dots – The Luminescent Carbon |
| | | | Speaker: | Dr. N. K. Renuka
<i>Department of Chemistry
University of Calicut</i> |
| 6 | 2:50 PM | 3:30 PM | Topic: | Overwhelming Analogies between Plasmon Hybridization Theory and Molecular Orbital Theory Revealed: The Story of Plasmonic Heterodimers |
| | | | Speaker: | Dr. R. S. Swathi
<i>Indian Institute of Science Education and
Research
Trivandrum</i> |

Tea Break

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|---------|---------|---------------------------------------|
| 3:30 PM | 3:45 PM | Refreshment Area
Right side of AVT |
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Technical Session - 4

CHAIR : Dr. Susannah Seth, HoD Chemistry, Malabar Christian College

7	3:45 PM	4:25 PM	Topic:	Multifunctional Nano-carbon(s)
			Speaker:	Dr. Sayan Bhattacharya <i>Indian Institute of Science Education and Research Kolkata</i>
8	4:25 PM	5:05 PM	Topic:	Transition State Models for Asymmetric Catalysis
			Speaker:	Prof. R. B. Sunoj <i>Indian Institute of Technology Bombay Mumbai</i>
	5:15 PM			<i>Local Tour</i>
				CULTURAL PROGRAMME
	7:00 PM	8:00 PM	Venue:	Yusuf-Al-Saquar Auditorium
				DINNER
	8:00 PM	10:00 PM	Venue:	Yusuf-Al-Saquar Auditorium

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Day 2

CHAIR : Dr. S. Jayasree, Principal, Govt. Arts and Science College, Kozhikode

9	9:00 AM	9:40 AM	Topic:	Laser Nanostructuring Of Materials For Diverse Applications
			Speaker:	Prof. Sajan D George <i>Manipal Academy of Higher Education Manipal</i>
10	9:40 AM	10:20 AM	Topic:	Nanodevices For Bio-Medical Applications
			Speaker:	Prof. Kuruvilla Joseph <i>Indian Institute of Space Science and Technology Trivandrum</i>
11	10:20 AM	11:00 AM	Topic:	Engineering at the Nanoscale: A Strategy For Developing High Performance Functional Materials

Speaker: **Prof. Sabu Thomas**
*School of Chemical Sciences and International
and Inter University Centre for Nanoscience
and Nanotechnology, Mahatma Gandhi
University*

Tea Break

11:00 AM 11:15 AM Refreshment
Area Right side of AVT

POSTER PRESENTATIONS

11:00 AM Yusuf-Al-Saquar Auditorium

Technical Session - 5

CHAIR : Dr. Gigy Abraham, HoD Chemistry, Providence Women's College

11:15 AM 11:55 AM **ORAL PRESENTATIONS**
Technical Session - 6

CHAIR : Dr. G. Indiradevi, HoD Chemistry, Zamorin's Guruvayurappan College

12 11:55 AM 12:35 PM Topic: Encapsulation Of Metallo Porphyrin Based
Molecules On Functionalised SBA-15:
Preparation And Its Catalytic Applications

Speaker: **Dr. A. Sakthivel**
*Central University of Kerala (CUK),
Kasaragod*

13 12:35 PM 1:00 PM Topic: Industrial Talk: Problems And Challenges In
Edible Oils And Fats

Speaker: **Shahabaaz Ali**
*Senior Technologist,
Parisons Food Pvt. Ltd, Kerala*

Lunch Break

1:00 PM 1:45 PM Food Court
Yusuf-Al-Saquar Auditorium

Technical Session - 7

**CHAIR : Dr. Jose John Mallikassery, HoD Chemistry, St. Joseph's College,
Devagiri**

14 1:45 PM 2:25 PM Topic: Structural Ordering O Poly(L-lactide) In Star-
Shaped Polymers And Block Copolymers

Speaker: **Dr. E. Bhoje Gowd**

*CSIR-National Institute for Interdisciplinary
Science and Technology (CSIR-NIIST)
Thiruvananthapuram*

15 2:25 PM 3:05 PM Topic: Challenges and Opportunities In Heterogeneous
Catalysis

Speaker: **Dr. Dinesh Jagadeesan**
*Indian Institute of Technology Palakkad
Kerala*

Valedictory Session

3:05 PM 4:00 PM