

## Programme Schedule

Registration: 8.45 a.m. - 9.30 a.m.

Inauguration: 9.30 a.m. - 11.00 a.m.

### Welcome address

**Dr. S. SUKUMARI**

Associate Professor & Head  
PG & Research Department of  
Chemistry  
Fatima College (Autonomous)  
Madurai - 625 018



### Inaugural Address



**Rev. Dr. Sr. IGNATIUS MARY**  
Secretary  
Fatima College (Autonomous)  
Madurai - 625018

### Keynote Address

Biologically Derived Nanocarriers for improving  
Cancer Outcomes: From Biomarker Discovery to  
therapy



**Dr. S. KARTHIK KUMAR**  
Scientist

Apollo Hospital Educational and Research  
Foundation (AHERF), Hyderabad &  
Ambassador  
Student Network on Extracellular Vesicles (SNEV) -  
Interconnect Program  
International Society for Extracellular Vesicles  
(ISEV), USA

Tea Break 11.00 a.m. - 11.30 a.m.

**Technical Session- I 11.30 a.m. - 1.00 p.m.**

“Sustainable Synthesis of N-Heterocycles for Next-  
Generation Therapeutics”

**Dr. BABIOLA ANNES SESURAJ**

Postdoctoral Research Fellow,  
School of Natural Sciences,  
Comenius University,  
Bratislava, Slovak Republic.



Lunch Break 1.00 p.m. - 2.00 p.m.

**Technical Session- II 2.00 p.m. - 3.30 p.m.**

“AI-Assisted Surface-Enhanced Raman  
Scattering Nanobiosensors for Point-of-Care  
Detection of Cardiac Biomarkers”



**Dr. THARMARAJ VAIRAPERUMAL**  
Research Scientist  
Institute of Clinical Medicine,  
College of Medicine  
National Cheng Kung University,  
Tainan-70403, Taiwan, ROC.

**Valediction: 3.30 p.m. to 4.30 p.m.**

### Valedictory Address

**Rev. Dr. Sr. J. ARUL MARY**

Vice Principal  
Fatima College (Autonomous)  
Madurai - 625018



### Vote of Thanks

**Dr. A. RAJESWARI**  
Associate Professor  
PG & Research Department of Chemistry  
Fatima College (Autonomous)  
Madurai



**FATIMA COLLEGE (Autonomous)**

Re-Accredited with 'A++' by NAAC (Cycle IV)

100<sup>th</sup> RANK IN INDIA RANKING 2025 (NIRF)

MARYLAND, MADURAI- 625 018.

**International Conference**

On

“Sustainable Nano and AI  
Linked Innovations for

Next-Gen Healthcare” - SNAIL ' 26

(HYBRID MODE)

**28<sup>th</sup> January, 2026**

**ORGANIZED BY**

**PG & RESEARCH DEPARTMENT OF  
CHEMISTRY**

**Venue : JUBILEE HALL**

## About Fatima College

Fatima College (Autonomous), Maryland, Madurai is a Post Graduate College for Women affiliated to Madurai Kamaraj University. It is a Catholic Minority Institution established in the year 1953 and run by the St. Joseph's Society of Madurai (congregation of the sisters of St. Joseph of Lyons, France). The College came into existence through the tireless efforts of the missionary sisters of Lyon and the Zeal & the heroic sacrifice of Rev. Sr. Rose Beneticta, the Foundress of the College. For the past 73 years the college has established reputation for excellence in all aspects of higher education. The college attained the Five Star Status of Merit in 1999 and the College with Potential for Excellence in 2004. It is re-accredited the college with 'A++' Grade by NAAC (Cycle-IV) in 2021-2022 and 100<sup>th</sup> rank in NIRF Ranking 2025.

## About the Department

The Department of Chemistry, established in 1957 as an undergraduate department, has evolved into a thriving postgraduate in 2007 and research department in 2023. Renowned for its academic excellence, sustainable lab practices, and industry exposure, the department empowers women with life skills, fosters entrepreneurship, and promotes global career excellence. With a strong focus on transferring knowledge with values, it creates globally competent chemists. Supported by DST-FIST and DST-CURIE, the department has established tie-ups with reputed institutions, industries, and research centres, providing students with opportunities for projects, training, and research activities.

## About the Conference

This international conference on "Sustainable Nano and AI Linked Innovations for Next-Gen Healthcare" explores the latest advancements and breakthroughs in Chemistry and serves as a platform for Academicians, Researchers, Scientists and Industrial experts to collaborate on integrating these cutting-edge, interdisciplinary fields to build a more robust, efficient, and environmentally conscious future for healthcare.

## PATRONS

Rev. Dr. Sr. Ignatius Mary  
Secretary,  
Fatima College (Autonomous),  
Madurai

Rev. Dr. Sr. M. Fatima Mary  
Principal,  
Fatima College (Autonomous),  
Madurai

## Convenor

Dr. S. Sukumari  
Associate Professor & Head,  
PG & Research Department of Chemistry,  
Fatima College (Autonomous), Madurai.

## Organizing Committee

Dr. A. Rajeswari  
Dr. B. Vinosha  
Dr. B. Suganthana  
Dr. Sr. J. Arul Mary  
Dr. V. Arul Deepa  
Dr. M. Priyadarsani  
Dr. K. R. Subimol  
Dr. J. Jone Celestina  
Dr. A. Anancia Grace  
Ms. S. Rathikumari  
Mrs. A. Muthumala

## REGISTRATION FEE

Students : Rs. 200/-  
Research Scholars : Rs. 250/-  
Faculty Members : Rs. 350/-  
Industrialists : Rs. 500/-

## REGISTRATION LINK

<https://forms.gle/WngCuNKKJz2J7qXk6>

## BANK DETAIL FOR FEE PAYMENT

ACCOUNT NUMBER : 732873268  
NAME OF THE BANK : INDIAN BANK  
IFSC CODE : IDIB000K150  
ADDRESS : KOODAL NAGAR  
MADRUI



*For Further Details  
Contact*

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90426 08718*

*Dr.V.Arul Deepa  
77080 36366*