

INTERNATIONAL CONFERENCE ON PURE AND APPLIED CHEMISTRY
(IconPAC - 2025)

Theme: "Next Generation Sensors and Biosensors"

PROGRAMME SCHEDULE

Date/ Time	2 nd January 2025 (Thursday)
8:30-9:30 AM	Registration
9:30-10:50 AM	Inauguration @ C V Raman Hall
10:50- 11:15 AM	Hi- Tea
Keynote Lecture	Venue: C V Raman Hall
11.15 AM- 12.00 PM	<p>Keynote Address by Chief guest "Developments in Point-of-Care Diagnostic Technology for Cancer Detection"</p>
12.00 PM- 12.45 PM	<p>Keynote Lecture- 1</p> <p>Title: The Magic of Surface Chemistry in Development of Chemical and Bio Sensors</p> <p>Dr. V. V. Raghavendra Sai, Chemical and Biosensors Laboratory Department of Applied Mechanics and Biomedical Engineering, IIT Madras, Chennai-600 036, India.</p>
12: 45 to 1: 45 PM	Lunch & Poster Presentation
Session 1	Venue: Jasmine Hall
Chair	Dr Tinku Baidya & Dr. Niranjan Patra
01: 45 to 2.45 PM	<p>Keynote Lecture- 2</p> <p>Title: Facile Methods of Fabricating Microfluidic & Paper-Microfluidic Devices and Their Applications</p> <p>Dr. Amit Asthana, Associate Professor and HOD Department of Medical Devices, National Institute of Pharmaceutical Education and Research (NIPER)-Balanagar, Telangana- 500037, India, Hyderabad</p>
2.45 to 3.45 PM	<p>Keynote Lecture-3</p> <p>Title of the Speech: Trends in Wearable Electrochemical Sensors for Healthcare and Agricultural Applications.</p> <p>Dr. Yugender Goud Kotagiri Assistant Professor, Department of Chemistry, Indian Institute of Technology, Palakkad, Kerala, India.</p>
03: 45 to 4: 00 PM	Hi- Tea (30 min)

	Session 2	Venue: Jasmine Hall
	Chair	Dr Tinku Baidya
04: 00 to 05: 00 PM	Keynote Lecture- 4 Title of the Speech: Scalable nanoporous template for advanced SERS-based biosensors Dr. Niranjan Patra Associate Professor, Department of Chemistry, Koneru Lakshmaiah Education Foundation	
05: 00 to 5: 30 PM	Oral Presentations (OP1-OP3)	
06: 00 to 7: 00 PM	Cultural programs	

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Date/ Time	3rd January 2025 (Friday)
Session 3	Venue: Jasmine Hall
Chair	Dr. E. Siva Sankar and Dr. K. Rambabu
9: 30 to 10:30 AM	<p>Keynote Lecture- 5</p> <p>Title: Optical Biosensors: Miniaturized Bioanalytical System for Onsite Detection and Point-of-Care Diagnostics</p> <p>LIGHTSON NG, PhD Rajiv Gandhi Centre for Biotechnology (RGCB) Thiruvananthapuram, Kerala 695011</p>
10.30-11.30 AM	<p>Keynote Lecture-6</p> <p>Title: Electrochemical Detection of Contaminants in Water</p> <p>Dr.Ch. Subrahmanyam Professor, Department of Chemistry, Indian Institute of Technology, Hyderabad, Sanga Reddy, Kandi-502284, Telangana, India</p>
11.30-11.45 AM	Hi- Tea (15 Min)
11.45- 12-45 PM	<p>Keynote Lecture-7 (Online)</p> <p>Title: Translational Opto-Electrochemical Sensing Devices in Healthcare Industries</p> <p>Dr. Pranjal Chandra, Indian Institute of Technology (BHU) Varanasi</p>
12: 45 to 1: 45 PM	Lunch
Session 4	Jasmine Hall
Chair	Dr. E. Siva Sankar and Dr. K. Rambabu
1.45 to 2.45 PM	<p>Keynote Lecture-8</p> <p>Title: Biosensors for Mental Health Diagnosis</p> <p>Dr. C. Sekhar Department of Bioelectronics & Biosensors, Alagappa University, Karaikudi-630003, T.N</p>

	Keynote Lecture-9
2.45-3.45 PM	Title: Superhydrophobic Nano-Structured Porous Coordination Polymer-based Electro-Catalysts for Water Splitting Prof. Koya Prabhakara Rao HOD, Dept. of Chemistry, Vignan University
03: 45 to 4.15 PM	Hi- Tea (30 min)
4: 15 to 5: 15 PM	Oral Presentation (OP4-OP6)

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PROGRAMME SCHEDULE

Date/ Time	4 th January 2025 (Saturday)
Session 3	Venue: Jasmine Hall
Chair	Dr. Niranjan Patra and Dr. Tinku Baidya
10.00 to 11.00 AM	<p>Keynote Lecture-11</p> <p>Title: Bio-based materials: a sustainable precursor for portable sensor development</p> <p>Dr. Gourhari Chakraborty NIT, Andhra Pradesh</p>
11: 00 to 11: 30 AM	Hi- Tea (15 Min)
11: 30 to 12.30 AM	<p>Keynote Lecture-12</p> <p>Title: Green Hydrogen Production and Its Future In The Context of Increased Climate Change</p> <p>Dr M. Sankara Rao Co-Founder & DIRECTOR NANOSOL ENERGY PVT LTD. Hyderabad, Andhra Pradesh, India.</p>
12: 30 to 1:30 PM	Lunch
Session 4	Venue: Jasmine Hall
Chair	Dr. Niranjan Patra and Dr. Tinku Baidya
1:30 PM to 2:30 PM	<p>Keynote Lecture-13</p> <p>Title: Smart sensing platforms for SARS-CoV-2</p> <p>Dr. Sonu Gandhi, Scientist-E Department of Biotechnology, Ministry of Science and Technology, National Institute of Animal Biotechnology, Hyderabad, Telangana, India.</p>
2:35 to 3: 35 PM	Oral Presentations (OP7-OP10)
03: 35 PM	Hi- Tea followed by Valedictory. Vote of thanks by Dr A Venkateswara Rao, HoD- Chemistry.