



Programme Schedule

5th International Conference on Multifunctional Materials and Radiation Measurements (ICMMRM – 2026-Hybrid)



Organized by

Department of Physics, Sri Sivasubramaniya Nadar College of Engineering (Autonomous), Chennai, Tamil Nadu, India

In association with

Institute of Environmental Radioactivity,
Fukushima University, Japan

Day - 1 (26.03.2026)

Venue: Mini auditorium, Department of Physics

Registration: 08.00 am to 9.30 am		
Inauguration: 9.45 am to 10.30 am		
Session-1 (10.30 am to 11.50 am)		
Chairpersons: Dr. S. Singaravelu , SSN College of Engineering & Dr. M. Priyadharshini , Saveetha University		
Keynote Talk-1	Dr. Ismail Rahman, Fukushima University, Japan <i>(Advanced Water Management Strategies for Fukushima Daiichi: Innovations in Radionuclide Separation and Containment)</i>	10.30 am to 11.05 am
High Tea 11.05 am to 11.25 am		
Session-2 (11.25 am to 01.05 pm)		
Chairpersons: Dr. M. Prasath , Periyar University PG Extension Centre, Dharmapuri & Dr. K. Jayamoorthy St. Joseph's College Engineering, OMR Chennai, Dr. M. Saiyad Musthafa , The New College, Chennai		
Invited talk-1	Dr. Manish Chand, IGCAR, Kalpakkam <i>(Neutron Activation Analysis at the KAMINI Research Reactor: A Powerful Tool for Trace Element Detection)</i>	11.25 am to 12.00 pm
Invited talk-2	Dr. Ananthakumar Ramadoss, CIPET. <i>(Three-Dimensional Porous Transition Metal Nitride, Carbide, and Carbonitride Electrodes for Energy Storage Applications)</i>	12.00 am to 12.35 pm
Keynote talk-2	Dr. Zinnat Rahman, Fukushima University, Japan <i>(Advanced Clean-up Strategies for Radiocesium-Contaminated Soils: Integrating Physical Separation and Plant-Based Stabilization)</i>	12.35 pm to 01.05pm
Lunch: 01.05 pm to 02.00 pm		
Session-3 (02.00 pm to 02.35 pm)		
Chairpersons: Dr. Balaji Bargav , SSN college of Engineering, OMR Chennai & Dr. R. Krishnamoorthy , Jamal Mohamed College, Trichy.		
Invited talk -3	Dr. Dhanpal Naidu, KARE, Tamil Nadu <i>(Ion Beam Irradiation of Semiconductor Thin Films for Surface-Enhanced Raman Spectroscopy Applications)</i>	02.00 pm to 02.35pm

Session-4 (02.35 pm to 04.00 pm)

Chairpersons: **Dr. R. Govindaraj**, SSN College of Engineering & **Dr. K. Ashokkumar**, VRS college of Engg. &Tech

offline oral presentations (From OP1 to OP 11)

High Tea 04.00 pm to 4.10 pm

Poster presentations 4.10 pm to 5.30pm

Poster Judges: **Dr. T. Ravimanickam**, Tamil Nadu Open University
Dr. D. Gopinath, Mailam Engineering College
Dr. K. Senthil Kumar, Presidency College

Venue: Central Seminar Hall

Parallel -Session-4A (11.15 am to 05.00 pm)

Online Oral Presentation

11.30 am to 01.00 pm	<p>Chairperson: Dr. M. Surendiran, School of Arts and Science, VMRF-DU Google Meet joining info https://meet.google.com/rkj-skjh-ggw</p>	From OOP 1 to OOP 15
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Lunch 01.00 pm to 02.00 pm

02.00 pm to 03.10 pm	<p>Chairperson: Dr. Harikrishnan, Sri Venkateswara College of Engineering https://meet.google.com/rkj-skjh-ggw</p>	From OOP 16 to OOP30
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High Tea 03.10 pm to 3.30 pm

3.30 pm to 5.00 pm	<p>Chairperson: Dr. M. Saiyad Musthafa, The New College, Chennai https://meet.google.com/rkj-skjh-ggw</p>	From OOP 31 to OOP 45
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Cultural (Saral Tamil Mandram, SSN & Keerth's Cultural academy (06.00 pm to 08 .30 pm)

Day 1 End

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5th International Conference On Multifunctional Materials And Radiation Measurements ICMMRM – 2026 (Hybrid)

Day - 2 (27.03.2026)

Venue: Mini auditorium, Department of Physics

Session-5 (09.30 am to 10.40 am) Chairpersons: Dr. P. Jayaprakash , St Joseph's Institute of Technology & Dr. M. Parthasarathy , Vels Institute of science, Technology and advanced studies		
Keynote Talk-3 (online)	Dr. Masashi Kato, Nagoya Institute of Technology, Japan <i>(Single crystal 4H-SiC for power devices: impacts of crystalline defects on device reliability)</i> https://meet.google.com/qvn-isrt-sfq	09.30 am to 10.05 am
Keynote Talk-4 (Online)	Dr. Hiroki Matsuo, Kumamoto University, Japan <i>(Enhanced Energy Storage Properties in Acceptor-doped Ferroelectric BaTiO₃ via Defect Dipole Engineering)</i> https://meet.google.com/dkf-owea-sjz	10.05 am to 10.40 am
High Tea 10.40 am to 11.00 am		
Session-6 (11.00 am to 12.45 pm) Chairperson: Dr. S. Suresh , SRM Institute of Science and Technology, Dr. Harikrishnan , Sri Venkateswara College of Engineering, & Dr. Nafis Ahmed , SSN College of Engineering		
Invited talk-4	Dr. Surendra B. Anantharaman, IITM, Chennai <i>(Exciton-Polaritons for Enhancing the Efficiency of 2D Perovskite Solar Cells)</i>	11.00 am to 11.35 am
Invited Talk-5	Dr. Raj Kumar Ramamoorthy, Anna University <i>(A Novel Pathway to Gold Crystallization)</i>	11.35 am to 12.10 pm
Invited talk-6	Dr. Ragupathy Dhanusuraman, Pondicherry University <i>(Nanocomposite Materials for Multifunctional Applications)</i>	12.10 pm to 12.45 pm
Lunch: 12.45 pm to 02.00 pm		
Session-7 (02.00 pm to 02.35 pm) Chairperson: Dr. N. R. Sheela , Sri Venkateswara College of Engineering, Dr. M. Surendiran , School of Arts and Science, VMRF-DU, & Dr. G. Gavaskar , Vels Institute of Science, Technology and Advanced studies		
Invited talk-7 (Online)	Dr. Shamima Hussain <i>(Applications of XPS and XAS on Polymer films)</i> https://meet.google.com/pwj-jpkh-oxb	02.00 pm to 02.35 pm
Session-8 (02.35 pm to 03.30 pm) Chairpersons: Dr. Koteeswaran , Vel's Institute of Science, Technology & Advanced studies & Dr. P. Krishnan , St. Joseph's College of Engineering		

offline oral presentations (From OP11 to OP 22)

High Tea 03.30 pm to 03.45 pm

Poster presentations 03.45 pm to 4.45 pm
Poster Judges: **Dr. P. Raja**, Rajah Serfoji Government college
Dr. K. Muthukumaravel, Khadir Mohideen College
Dr. Y. Raghu, Agni College of Technology

Venue: Central Seminar Hall
Parallel-Session-8A (9.30 am to 01.00 pm)
Online Oral Presentations

09.30 am to 10.40 pm

Chairperson
Dr. P. Karuppasamy, SSN College of
Engineering
<https://meet.google.com/niy-bidh-hsj>

From OOP 46 to OOP 60

High Tea 10.40 am to 10.50 am

10.50 am to 12.00 pm

Chairpersons
Dr. Koteeswaran, Vel's Institute of science,
Technology & Advanced Studies
<https://meet.google.com/niy-bidh-hsj>

From OOP 61 to OOP75

12.00 pm to 01.00 pm

Dr. R. Govindaraj, SSN College of Engineering
<https://meet.google.com/niy-bidh-hsj>

From OOP 76 to OOP 84

4.45 pm to 5.00pm Valedictory