

## ICONN-2025-Poster Presentation-Selected List

Venue: Dr. T. P. Ganesan Auditorium Premises, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India-603203

S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
1	Mr.GAUTHAM KUMAR G	Researcher	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0003	Catalysis Redefined: Cu <sup>+</sup> -Enhanced 1T@2H MoS <sub>2</sub> for Superior Hydrogen Evolution	2D materials	CP-S1-001	24-Mar-25	1	17:10 - 18:20	+91-9597216450	gauthamkumarg@ssn.edu.in	Sri Sivasubramaniya Nadar College of Engineering, SH 49A, Kalavakkam, Tamil Nadu 603110
2	Dr.SHRUTI NARAYANAN	Student	IIT Madras	ICONN-2025/0029	Enhanced Luminescence in hBN functionalised Quantum Dots	2D materials	CP-S1-002	24-Mar-25	1	17:10 - 18:20	+91-9945669799	shrutin.phys@gmail.com	H-307, Dept of Physics, IIT Madras
3	Ms.DIVYADHARSHINI SATHEESH	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0074	Synergistic Ag <sub>2</sub> PO <sub>4</sub> /NiS <sub>2</sub> Heterojunction Composites for Enhanced Hydrogen Evolution Reaction in Acidic Media	2D materials	CP-S1-003	24-Mar-25	1	17:10 - 18:20	+91-9940338373	ds3545@srmist.edu.in	SRM UNIVERSITY KATTANGULATHUR, Chengalpattu
4	Ms.BHARATHI	Student	SRM Institute of Science and Technology	ICONN-2025/0100	Synthesis and Characterisation of ZnO/MnO <sub>2</sub> / Polypyrrole/ Graphene Oxide nanocomposite	2D materials	CP-S1-004	24-Mar-25	1	17:10 - 18:20	+91-7397629512	bb8876@srmist.edu.in	No.229 Jeeva nagar Pudupattinam, Kalpakkam Chengalpattu- 603102.
5	Ms.A. BHAVADHARANI	Researcher	SRM Institute of Science and Technology Kattankulathur	ICONN-2025/0116	Simulation and growth pattern analysis of nanostructures Using Cellular Automata on a Triangular Lattice	2D materials	CP-S1-005	24-Mar-25	1	17:10 - 18:20	+91-8939472229	ba7497@srmist.edu.in	No. 19, Devaraj Street, Gandhi Nagar, Guduvancheri
6	Mr.AMGITH G.S	Student	BITS Pilani Hyderabad Campus	ICONN-2025/0126	Theoretical Investigation of Dichloromethane Adsorption and Transduction on Pristine and Defective NiS <sub>2</sub> , NiSe <sub>2</sub> , and Janus NiSSe Monolayers	2D materials	CP-S1-006	24-Mar-25	1	17:10 - 18:20	+91-8606522860	amgiths7@gmail.com	I 123 ,EEE Department ,BITS Pilani Hyderabad Campus ,Jawahar nagar Shammurpet Mandal ,Hyderabad, Telengana
7	Mr.SHIVANI VISWANATHAN	Student	Sastra Deemed to be university , Thanjavur	ICONN-2025/0127	Moiré-Patterned Bilayer g-C <sub>3</sub> N <sub>4</sub> : A Promising Anode Material for Sodium-Ion Batteries	2D materials	CP-S1-007	24-Mar-25	1	17:10 - 18:20	+91-9025940268	shivaniviswanathan1808@gmail.com	27/5 Mangalam nandhana apartment, geethapuram main road , srirangam - 620006
8	Ms.B.LEENA	Student	SRM Institute of Science and Technology	ICONN-2025/0137	Investigation of SrTiO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> composite for effective electrochemical water- splitting for hydrogen evolution reactions	2D materials	CP-S1-008	24-Mar-25	1	17:10 - 18:20	+91-8122637098	lb8916@srmist.edu.in	No.220, G.S.T Road, Srinivasapuram, Guduvancheri.
9	Mr.JOSE ANTONY T	Student	SRM IST, Vadapalani Campus	ICONN-2025/0146	An investigation of the impact of zinc (Zn <sup>2+</sup> ) substitution in NiFe <sub>2</sub> O <sub>4</sub> -rGO nanocomposite	2D materials	CP-S1-009	24-Mar-25	1	17:10 - 18:20	+91-9445173579	jt7307@srmist.edu.in	No. 1, Jawaharlal Nehru Road, Vadapalani, Chennai
10	Mr.KAPILRAJ TS	Student	SRM Institute of Science and Technology kattangulathur	ICONN-2025/0183	Machine Learning-Driven Analysis of Conductivity and Porosity in MnS <sub>2</sub> with Deployment on AWS Cloud	2D materials	CP-S1-010	24-Mar-25	1	17:10 - 18:20	+91-9342770260	ks0477@srmist.edu.in	1B VGN Southern Cordial,potheri,chengalpattu-603203
11	Ms.R.MUGUNTHINI	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0190	A COMPREHENSIVE DFT STUDY ON UNRAVELING THE POTENTIAL OF GRAPHDIYNE NANOSHEET AS DRUG DELIVERY NANOCARRIERS	2D materials	CP-S1-011	24-Mar-25	1	17:10 - 18:20	+91-9361733639	mr4995@srmist.edu.in	NO.18/A MIDDLE STREET MURUNGAPAKKAM , PUDUCHERRY
12	Ms.ANITHA.B	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0191	COMPUTATIONAL STUDY ON BIOMOLECULE FUNCTIONALIZED BLACK PHOSPHORENE NANOSHEET AS NANOCARRIER FOR DRUG DELIVERY	2D materials	CP-S1-012	24-Mar-25	1	17:10 - 18:20	+91-6383373034	ab2642@srmist.edu.in	NO: 137, CAR STREET, THILASPET, PUDUCHERRY-605 009.
13	Ms.SHIVANI. R. B	Student	Presidency College (A), Chennai-05	ICONN-2025/0208	Synergistic Enhancement of Thermoelectric Performance in NiS <sub>2</sub> /Ti <sub>3</sub> C <sub>2</sub> @Graphene Nanocomposites	2D materials	CP-S1-013	24-Mar-25	1	17:10 - 18:20	+91-9952076297	rbsshivani1212@gmail.com	No: 18/36, R.O.B 5th street, Royapettah, Chennai-05
14	Mr.NISHANTH S	Student	SRMIST	ICONN-2025/0226	Impact of Carbonization Temperature on the Structural and Electrochemical Properties of LiFePO <sub>4</sub> /Soft Carbon Composites for High-Performance Lithium-Ion Batteries	2D materials	CP-S1-014	24-Mar-25	1	17:10 - 18:20	+91-7904515941	ns5849@srmist.edu.in	NO 104 bharathi st, chelliamman nagar athipet chennai

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15	Ms.ARCHANADEVI	Student	SRM University, Kattankulathur.	ICONN-2025/0227	Cu-doped O3 type Na/Fe/Mn based layer oxide with enhanced electrochemical performance as a Cathode Material for Sodium-Ion Batteries	2D materials	CP-S1-015	24-Mar-25	1	17:10 - 18:20	+91-8072718556	ab7876@srmist.edu.in	No. 31, Thiruvalluvar street, Potheri, chengalpattu-603203, Tamil Nadu.
16	Ms.SHALINI	Researcher	SRM institute of Science and Technology	ICONN-2025/0240	Synergistic Ti3C2 MXene/MoS2 heterostructure: Unlocking Ultra-Fast, Durable, and High-Efficiency Energy Storage for Next-Generation Supercapacitors	2D materials	CP-S1-016	24-Mar-25	1	17:10 - 18:20	+91-9629103357	ss4999@srmist.edu.in	5/4, Harur main road, Italapatti vill, Harur (T.K), Dharmapuri, Tamil Nadu, 636902.
17	Ms.ANNE MASIH	Student	Netaji Subhas University of Technology	ICONN-2025/0246	Optimum Ultrasonication Duration for Effective Antimicrobial Activity of Ti3C2-MXene	2D materials	CP-S1-017	24-Mar-25	1	17:10 - 18:20	+91-9911368543	masihanne7@gmail.com	139 Gautam Nagar near MCI gurukul and Nidhi PG First Floor, New Delhi 110049
18	Ms.GAYATHRI DEVI	Researcher	SRM Institute of Science and Technology	ICONN-2025/0268	Electron Transport Studies of Zigzag Graphene Nanoribbon Doped with B, N, and P Using Density Functional Theory	2D materials	CP-S1-018	24-Mar-25	1	17:10 - 18:20	+91-9443983923	gayathrikarthi67@gmail.com	Department of Physics, SRMIST-KTR,Chennai-603203
19	Dr.RAMESH	Faculty	srm institute of science and technology	ICONN-2025/0340	Synthesis, Growth, Spectroscopic analysis, Laser damage threshold, and linear and nonlinear optical properties of Ba(C10H20O5)2Zn(SCN)4 single crystal for optoelectronic applications	2D materials	CP-S1-019	24-Mar-25	1	17:10 - 18:20	+91-9894510146	rameshmano1980@gmail.com	UB 1311
20	Ms.CHITRA KRISHNA	Student	Sri Venkateshwara College	ICONN-2025/0345	Preparation of collagen / glycosaminoglycan / silver composite for antibacterial and anticancer applications	2D materials	CP-S1-020	24-Mar-25	1	17:10 - 18:20	+91-98810048	chitra11970@gmail.com	201, Green Acres, Temple Green, Arun Excello, Vallakottai, Sriperambatur taluk, Kanchipuram dist 602105
21	Ms.OVIYA .A	Researcher	SRM Institute of Science and Technology	ICONN-2025/0375	"Tailoring trimetallic MOFs for enhanced supercapacitor performance- unravelling the capacitive mechanism of trimetallic MOFs: A detailed investigation of charge storage processes"	2D materials	CP-S1-021	24-Mar-25	1	17:10 - 18:20	+91-9150298718	vija9861@gmail.com	No: 034 Sai Ram Street, kolathur.
22	Ms.SUGASRI CHINNASAMY	Researcher	SRM institute of science and technology	ICONN-2025/0377	Fe-BTC MOF Intercalated with VS2 Nanosheets for High-Performance Supercapacitors: A Synergistic Approach to Energy Storage	2D materials	CP-S1-022	24-Mar-25	1	17:10 - 18:20	+91-9360897371	sc5734@srmist.edu.in	kattankulathur campus chengalpattu Dt Tamil Nadu - 603203
23	Ms.YUVASHREE JAYAVELU	Researcher	National Institute of Technology, Warangal	ICONN-2025/0395	Enhanced photo-degradation of cationic Rhodamine-B dye under white LED light using Pt sensitized single crystalline ZnO tetrapods	2D materials	CP-S1-023	24-Mar-25	1	17:10 - 18:20	+91-9445103559	hj22phr1r06@student.nitw.ac.in	National Institute of Technology, Warangal
24	Mr.ARAVINTHKUMAR K	Researcher	The Gandhigram Rural Institute-Deemed to be University	ICONN-2025/0399	Fabrication of MWCNT-Entrenched Bimetallic Metal Sulfides loaded on MXene for Energy and Environmental Applications	2D materials	CP-S1-024	24-Mar-25	1	17:10 - 18:20	+91-9095410763	aravinthkumarphysics@gmail.com	Department of Physics, The Gandhigram Rural Institute-Deemed to be University, Gandhigram, Tamil Nadu-624302
25	Ms.ANJALI KRISHNA A A	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0405	Enhancing the thermoelectric power factor via electron energy filtering in Ag decorated Bi2Se3 nanostructures/CF for wearable thermoelectric application	2D materials	CP-S1-025	24-Mar-25	1	17:10 - 18:20	+91-9544725944	aa8244@srmist.edu.in	Appanakuzhi (H), vellikulangara P. O., thrissur, 680699
26	Ms.SELVAMANI E	Student	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu.	ICONN-2025/0411	Ni Doping Effects on Structural and Electronic Properties of HfS2 monolayer: A DFTstudy	2D materials	CP-S1-026	24-Mar-25	1	17:10 - 18:20	+91-7094994510	se1285@srmist.edu.in	25A, Gandhi Street, Melpathi, Vandhavasi, Tiruvannamalai - 604 505.

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27	Mr.YASWANTH RAGE	Student	Indian Institute of Technology Bombay	ICONN-2025/0185	Fabrication of miniaturized sensor using two photon lithography for Fluorescence Detection of Ferric ion	Additive Manufacturing & 3D Printing	CP-S1-027	24-Mar-25	1	17:10 - 18:20	+91-9494423518	23d0969@iitb.ac.in	Department of Metallurgical Engineering and Materials Science, IIT Bombay, IIT Main gate road, Powai, Mumbai, Maharastra - 400076
28	Ms.AARTHI RAGHU	Student	Sathyabama Institute of Science and Technology	ICONN-2025/0704	Fabrication of Bioinspired 3D Bio Printed Composite Hydrogels for Soft Tissue Engineering Applications	Additive Manufacturing & 3D Printing	CP-S1-028	24-Mar-25	1	17:10 - 18:20	+91-9445711364	aarthiraghu84@gmail.com	1/614A, Prakriti Nivas, 1st Main Road, Krishna Nagar, Perumbakkam, Chennai-100
29	Ms.VANI DANDA	Student	Sathyabama Institute of science and technology	ICONN-2025/0762	Enhancing the Mechanical Properties of PLA: A Study on Custard Apple Seed Filler as a Sustainable Additive for 3D Printing Filaments	Additive Manufacturing & 3D Printing	CP-S1-029	24-Mar-25	1	17:10 - 18:20	+91-8008811390	vanidanda33370@gmail.com	Gandhi street Semmancheri chennai
30	Ms.KAAVYA	Student	SRM Institute of Science and Technology	ICONN-2025/0763	“Design and fabrication of a PMMA-based microfluidic droplet generator of a High-throughput assay for Biomedical Applications”	Additive Manufacturing & 3D Printing	CP-S1-030	24-Mar-25	1	17:10 - 18:20	+91-9600060811	kp4335@srmist.edu.in	SRM Institute of Science and Technology, Kattankulathur campus, chengalpattu Dt.,
31	Mr.AMAL VISHNU	Student	College of Engineering Trivandrum	ICONN-2025/0872	Experimental and Numerical Analysis of PLA-ABS Hybrid Structures Manufactured Through FDM	Additive Manufacturing & 3D Printing	CP-S1-031	24-Mar-25	1	17:10 - 18:20	+91-8943153346	amalv61@gmail.com	Anitha nivas, morikkara (PO), kakkodi, Kerala, PIN-673611
32	Mr.ASHWIN ANTONY	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0882	Microstructural Characteristics and Strengthening Mechanisms in SiC-Dispersed SS316L Fabricated by WAAM	Additive Manufacturing & 3D Printing	CP-S1-032	24-Mar-25	1	17:10 - 18:20	+91-7339100396	an3470@srmist.edu.in	No 64 Anugraha residency shakthi nagar 1st street Kolathur Chennai 99
33	Ms.PARKAVI VALAGURUVAN VALAGURUVAN	Student	IIITDM Kancheepuram	ICONN-2025/0911	Hybrid PV-TEG System with 3D-Printed Structural Support for Energy Harvesting	Additive Manufacturing & 3D Printing	CP-S1-033	24-Mar-25	1	17:10 - 18:20	+91-7200574670	parkavivece@gmail.com	406 SMILE LAB, LABORATORY COMPLEX, IIITDM KANCHEEPURAM, MELAIKOTTAIYUR
34	Mr.SURESH KUMAR VARMA	Student	SRM Institute of Science and Technology	ICONN-2025/0415	External stimuli tunable magnetic field enhances stimulated Raman scattering based on Random Raman lasing.	Complex and Meta-Nanophotonics: Classical to Quantum	CP-S1-034	24-Mar-25	1	17:10 - 18:20	+91-8850910554	varma1552@gmail.com	Room No. 707, University Library Building, SRM University
35	Ms.M.B.PRIYADHARSHINI	Student	SRM Institute of Science and Technology , Kattankulathur Campus	ICONN-2025/0458	Pulsed Laser Light Induced Stress and Strain using Photomechanical Effect	Complex and Meta-Nanophotonics: Classical to Quantum	CP-S1-035	24-Mar-25	1	17:10 - 18:20	+91-9790025888	pmb60012@gmail.com	5/2B,C2 C2 Road, balarengapuram, Madurai-625009
36	Mr.BHARAT KUMAR	Student	VARDHMAN MAHAVEER OPEN UNIVERSITY,KOTA	ICONN-2025/0009	Heat transfer and thermal radiation inspection of MHD flow of hybrid nanofluid with variable viscosity and thermal conductivity using various shapes	Computational Materials	CP-S1-036	24-Mar-25	1	17:10 - 18:20	+91-9694166898	bharatkumargoyal2@gmail.com	School of Science and Technology, Vardhman Mahaveer Open University, Kota 324010, Rajasthan, India
37	Mr.DIPTI GAWANDE	Student	Department of Physics, Barkatullah University, Bhopal (M.P.)	ICONN-2025/0104	Exploring Half-Metallic Heusler Alloys: Structural, Electronic, and Thermoelectric Properties Using the DFT-mBJ Approach	Computational Materials	CP-S1-037	24-Mar-25	1	17:10 - 18:20	+91-9644907533	diptigawande5@gmail.com	Department of Physics, Barkatullah University, Bhopal (M.P.)
38	Ms.ABINAYA	Researcher	SRM INSISTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0150	First Principle's Study on Functionalized Armchair Aluminum Nitride Nanotube with Organic Acids and Functional Groups for Targeted Drug Delivery Applications	Computational Materials	CP-S1-038	24-Mar-25	1	17:10 - 18:20	+91-9176008123	av3293@srmist.edu.in	NO.46B, KALAINGAR STREET, ANNA NAGAR, ANAKAPUTHUR, CHENNAI-600075
39	Ms.SNEHA	Researcher	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0151	DFT Study on Amino Acid Functionalized Boron Nitride Nanotube as Nanocarrier for Targeted Drug Delivery Applications	Computational Materials	CP-S1-039	24-Mar-25	1	17:10 - 18:20	+91-9361569979	sj5250@srmist.edu.in	No.14,Pandiyam Street, Devaraj Nagar, Anankaputhur, Chennai-600 070

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40	Ms.BEENABEN S S	Student	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0163	An ab initio study on XRhP (X= Ti, Zr, Hf) half Heusler alloys for waste energy harvesting-based thermoelectric applications	Computational Materials	CP-S1-040	24-Mar-25	1	17:10 - 18:20	+91-7708813063	beenaben2350546@ssn.edu.in	Sri Sivasubramaniya Nadar College of Engineering
41	Mr.VENKATA RAO YARRAMSETTY	Student	Prist university	ICONN-2025/0220	Crystallographic and Docking studies comparison on new Heteroatom isomers	Computational Materials	CP-S1-041	24-Mar-25	1	17:10 - 18:20	+91-9553505533	yvenku100@gmail.com	sangareddy Hyderabad -
42	Dr.T. VIJAYAKUMAR	Faculty	SRM University, Chennai	ICONN-2025/0260	Experimental and computational studies on Intramolecular charge transfer, Terahertz and two photon absorption of 3(E)-2-(ethyl 4-((4-nitrophenyl) diazenyl) phenyl) amino) ethan-1-ol (DR1) from their vibrational spectra for optical limiting and NLO applications	Computational Materials	CP-S1-042	24-Mar-25	1	17:10 - 18:20	+91-9442858268	vijayakt1@srmist.edu.in	Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur, Chennai-603203
43	Mr.MANVIZHI	Researcher	SRM Institute of Science and Technology	ICONN-2025/0274	Structural, Intramolecular Charge transfer and nonlinear optical properties of push pull chromophore 1-[[2-Methyl-4-[(2-methylphenyl) diazenyl] phenyl] diazenyl] naphthalen-2-ol: A vibrational approach	Computational Materials	CP-S1-043	24-Mar-25	1	17:10 - 18:20	+91-8925739712	ms7386@srmist.edu.in	No. 18-E, 2nd Street, kamaraj nagar, Tirupattur, Tirupattur DT
44	Mr.THARUN.R.G	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0283	Spectroscopic, Tera hertz and Z - Scan analysis of 3-Hydroxy-4-[(2-hydroxy-5-methylphenyl)azo]-1-naphthalenesulfonic acid for NLO applications	Computational Materials	CP-S1-044	24-Mar-25	1	17:10 - 18:20	+91-9345904671	tr8158@srmist.edu.in	NO 5 , PILLAYAR KOVIL STREET , EAST BANU NAGAR , PUDUR , AMBATTUR , CHENNAI - 53
45	Mr.NAGULAN	Student	Srm ktr	ICONN-2025/0298	Intramolecular Charge transfer and Z-scan studies of a organic NLO material 1,1',1''-Methanetriyltribenzene -A vibrational approach	Computational Materials	CP-S1-045	24-Mar-25	1	17:10 - 18:20	+91-9150579069	nm2319@srmist.edu.in	605 b ,Sis safa, guduvanchery
46	Mr.RAMKUMAR	Student	SRM Institute of Science and Technology	ICONN-2025/0312	First-Principles Study of Cu-Decorated Black Phosphorene for Cancer Biomarker Detection	Computational Materials	CP-S1-046	24-Mar-25	1	17:10 - 18:20	+91-9952182094	rm9411@srmist.edu.in	1/479 C , Venus Nagar, TNHB , Collectorate post , Dharmapuri , 636705
47	Mr.ABRAHAM STUART P	Student	SRM Institute of Science and Technology, Tiruchirappalli.	ICONN-2025/0167	Design and Characterization of Bis-Imidazolium Dicationic Ionic Liquids: Promising Electrolytes for Advanced Battery Applications	Environmental Nanotechnology	CP-S1-047	24-Mar-25	1	17:10 - 18:20	+91-9384540875	as7486@srmist.edu.in	2/104, Teacher's Quarters, Perilovanpatti, Thoothukudi. 628902.
48	Ms.M KOWSALYA	Researcher	SRM Institute of Science and Technology	ICONN-2025/0331	UNUSUAL MIXED MAGNETIC INTERACTION AND MAGNETOCALORIC PROPERTIES IN LAVES PHASE Fe <sub>2</sub> Ti	Environmental Nanotechnology	CP-S1-048	24-Mar-25	1	17:10 - 18:20	+91-8680011467	km5036@srmist.edu.in	UB710, University Building, SRM Institute of Science and Technology, Kattankulathur
49	Ms.USHA	Student	University of Madras	ICONN-2025/0353	Biogenic Synthesis of Co <sub>3</sub> O <sub>4</sub> Nanoparticles Using Achyranthus Aspera Leaf Extract and Their Applications in Photocatalytic and Antibacterial Activities	Environmental Nanotechnology	CP-S1-049	24-Mar-25	1	17:10 - 18:20	+91-9710946511	ponusha1986@gmail.com	Department of Physics, Shrimathi Devkunvar Nanalal Bhatt Vaishnav College for Women (Autonomous), Chrompet, Chennai-Tamil Nadu, India 600 044
50	Dr.MEENAL SUDHEER DEO	Faculty	SRM Institute of Science and Technology, Kattankulathur.	ICONN-2025/0354	Eco-Friendly Amine Functionalized Polymeric Nanocomposite Adsorbent for Nitrate Adsorption: Isotherm and Kinetics	Environmental Nanotechnology	CP-S1-050	24-Mar-25	1	17:10 - 18:20	+91-8220182614	meenald@srmist.edu.in	UB 709/A, University Building, SRM Institute of Science and Technology, Kattankulathur.

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51	Ms.DIVYA SREETHA MURUGAN	Student	PSG INSTITUTE OF ADVANCED STUDIES	ICONN-2025/0459	DEVELOPMENT OF POROUS MOF-199 [Cu <sub>2</sub> (BTC) <sub>2</sub> ] @CNF NANOCOMPOSITES FOR ENHANCED ELECTROCHEMICAL DETECTION OF AMMONIUM IONS IN AQUACULTURE SYSTEM	Environmental Nanotechnology	CP-S1-051	24-Mar-25	1	17:10 - 18:20	+91-7598370206	mds@psgias.ac.in	1/A.2, ABIRAMI NAGAR GANAPATHY COIMBATORE-641006
52	Ms.DHANSHREE	Student	SRM Institute of Science and Technology	ICONN-2025/0101	Ecofriendly Synthesis and Characterization of Withania somnifera combined Argyreia speciosa root extract mediated Silver nanoparticles for combating Antimicrobial resistance and Antibacterial Activity : A sustainable solution for Global Health	Green Nanotechnology and Water Treatment	CP-S1-052	24-Mar-25	1	17:10 - 18:20	+91-8883857976	dhanshreekamaraj@gmail.com	222, NEW STREET, VELLANDIVALASAI, SALEM
53	Ms.DWITI SINROJA	Student	Pandit Deendayal Energy University	ICONN-2025/0103	Nanocomposite heterojunction of ZnSnO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub> : A chemically stable photocatalyst for efficient organic pollutant remediation	Green Nanotechnology and Water Treatment	CP-S1-053	24-Mar-25	1	17:10 - 18:20	+91-8238837758	dwitis05@gmail.com	Gandhinagar, Gujarat
54	Mr.ABRAHAM STUART P	Student	SRM Institute of Science and Technology, Tiruchirappalli.	ICONN-2025/0161	Collaborative effect of silver nanoparticle- incorporated calcite-rich biochar derived from Mangifera indica bark on 4-nitrophenol reduction	Green Nanotechnology and Water Treatment	CP-S1-054	24-Mar-25	1	17:10 - 18:20	+91-8940282345	abrahamp1@srmist.edu.in	2/104, Teacher's Quarters, Periovanpatti, Thoothukudi. 628902
55	Ms.LAVANYA SRINIVASAN	Student	SRM Institute of Science and Technology, Kattankulathur campus	ICONN-2025/0205	Asymmetric CuFe <sub>2</sub> O <sub>4</sub> and Holey Reduced Graphene Oxide Electrodes for High-Performance Capacitive Deionization of NaCl and Heavy Metals	Green Nanotechnology and Water Treatment	CP-S1-055	24-Mar-25	1	17:10 - 18:20	+91-6369383613	ls5268@srmist.edu.in	1/50 A, Main Road, Thoravi & post, Vikkaravandi Taluk, Villupuram District, 605601
56	Mr.KOUSIK PRADHAN	Student	IIT Bombay	ICONN-2025/0235	Enhancing the Heat Transfer Efficiency of a Solar Still Desalination Unit by the Utilization of Cobalt Ferrite Coating for Sustainable Wastewater Treatment	Green Nanotechnology and Water Treatment	CP-S1-056	24-Mar-25	1	17:10 - 18:20	+91-9733264541	kpradhan.iitb@gmail.com	IIT Bombay, Powai, Mumbai, Maharashtra, 400076
57	Ms.OVIYA	Student	SRM University, Kattankulathur Campus	ICONN-2025/0249	Eco-friendly Synthesis of Zinc Oxide Nanoparticles Using Sida Acuta Leaf Extract: Characterization and Potential Applications	Green Nanotechnology and Water Treatment	CP-S1-057	24-Mar-25	1	17:10 - 18:20	+91-9585541646	or6714@srmist.edu.in	22a vanadurgai amman temple street Vedaranyam
58	Ms.VIJAYALAKSHMI	Student	SRMIST, KTR	ICONN-2025/0250	Plant-Based Synthesis of Copper Oxide Nanoparticles Using Tabernaemontana divaricata Leaf Extract and Structural Characterization	Green Nanotechnology and Water Treatment	CP-S1-058	24-Mar-25	1	17:10 - 18:20	+91-6383899461	vc0596@srmist.edu.in	2/8, M. G. R. STREET, KRISHNA ROAD, NEW PERUNGULATHUR
59	Mr.PRAKASH KANAPATHI	Student	SRM University	ICONN-2025/0132	Investigation on Structurally engineered Cs <sub>2</sub> AgInCl <sub>6</sub> Via Alloying (Na <sup>+</sup> )/Doping (Cr <sup>3+</sup> , Mn <sup>2+</sup> ) for flexible phosphor-based white light devices and latent fingerprint detection application	Industrial Nanotechnology: Products and Commercialization	CP-S1-059	24-Mar-25	1	17:10 - 18:20	+91-8072884980	prakash842420@gmail.com	2/149, Gangai amman kovil (st), Konjimangalam, killiyannur (pst), Vanur (tk), villiupuram (dis), Tamil Nadu
60	Mr.KIRAN BIJAPUR	Researcher	CHRIST (Deemed to be) University, Bengaluru	ICONN-2025/0327	Green Nanofluids: Waste-to-Wealth Solution for Automotive Industry Radiator Efficiency	Industrial Nanotechnology: Products and Commercialization	CP-S1-060	24-Mar-25	1	17:10 - 18:20	+91-8105501658	kiranbijapur1057@gmail.com	KE Boys Hostel, CHRIST (Deemed to be) University, Hosur road, Bengaluru, 560029
61	Ms.RENU DHAHIYA	Student	J.C. Bose university of Science and Technology, YMCA, Faridabad	ICONN-2025/0623	Study of double perovskite material for energy storage application	Industrial Nanotechnology: Products and Commercialization	CP-S1-061	24-Mar-25	1	17:10 - 18:20	+91-9319325320	renu.physics21@nitttrchd.ac.in	NITTTR, SECTOR 26, Chandigarh- 160019

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
62	Mr.ARAVIND PARTHASARATHY	Student	Vellore Institute of Technology - Chennai	ICONN-2025/0883	Sustainable Energy Solutions for Self-Powered ECG Monitoring Devices Using Thermoelectric Generator	Industrial Nanotechnology: Products and Commercialization	CP-S1-062	24-Mar-25	1	17:10 - 18:20	+91-8438249364	aravind.parthasarathy7@gmail.com	Plot no 36 krishna Nagar 1st Street West Tambaram Chennai-45
63	Dr.KARTHIKA P C	Faculty	SRMIST, KTR	ICONN-2025/0918	Advances in Nanomaterial-Based Superhydrophobic Glass: AI adopted Fabrication and Applications	Industrial Nanotechnology: Products and Commercialization	CP-S1-063	24-Mar-25	1	17:10 - 18:20	+91-8608008187	karthikp11@srmist.edu.in	Department of Physics and Nanotechnology, SRMIST, KTR
64	Mr.ARNAB KANTI KARAN	Student	JADAVPUR UNIVERSITY	ICONN-2025/0039	Enhanced Semiconducting and Photoelectric property of Organic Diode using Sunset- Yellow Dye composited with Zinc-Oxide Nanoparticles	Interfaces and Thin films	CP-S1-064	24-Mar-25	1	17:10 - 18:20	+91-8910738200	akkaran.physics@gmail.com	JADAVPUR UNIVERSITY, JADAVOUR, KOLKATA 700035
65	Ms.S.SHALINI SHALINI SHALINI	Student	SIMATS Engineering University.	ICONN-2025/0045	Top and bottom Electrodes-Dependent Ferroelectric and Piezoelectric Characteristics of PVDF/Ag/Glass and Ag/PVDF/Ag/Glass Multilayer Devices*	Interfaces and Thin films	CP-S1-065	24-Mar-25	1	17:10 - 18:20	+91-6381229643	sshhalini10072001@gmail.com	SIMATS ENGINEERING CHENNAI
66	Ms.VAISHNAVI MURUGESAN	Student	saveetha university,saveetha school of engineering .	ICONN-2025/0055	Influence of Bottom Substrate on Piezoresponse of PVDF Films: Insights from Piezoforce Microscopy	Interfaces and Thin films	CP-S1-066	24-Mar-25	1	17:10 - 18:20	+91-9790178982	tamilvaishnavi1999@gmail.com	SAVEETHA SCHOOL OF ENGINEERING .SIMATS
67	Mr.SELVA BOOPALAN A	Student	SRM Institute of Science and Technology	ICONN-2025/0069	Photoluminescent studies of Metal-Organic Framework functionalized ZnO Nanorods	Interfaces and Thin films	CP-S1-067	24-Mar-25	1	17:10 - 18:20	+91-9094558688	sa3872@srmist.edu.in	No.51, PillayarKoil Street, Potheri West, Chengalpet Dt-603203
68	Mr.NAVEEN	Student	Saveetha Institute of Medical And Technical Sciences	ICONN-2025/0086	Structural and Electrical Properties of Aloe vera -PVA Polymer Electrolytes Doped with Lithium for Energy Storage Applications	Interfaces and Thin films	CP-S1-068	24-Mar-25	1	17:10 - 18:20	+91-9952705758	naveenchan07@gmail.com	NO-5/175, Perumal Kovil St, Neduvarambakkam Village
69	Mr.ARAVINTHAN	Student	SASTRA - Deemed to be University	ICONN-2025/0090	Fabrication of Flexible nano-structured V2O5 thin films for Electrochromic Smart Window applications through DC Sputtering	Interfaces and Thin films	CP-S1-069	24-Mar-25	1	17:10 - 18:20	+91-8220261886	aravinthan@phy.sastra.ac.in	SASTRA - Deemed to be university, Thirumalaisamudram, Thanjavur 613401.
70	Ms.S.BAKKIYALAKSHMI	Student	Saveetha Institute of Medical And Technical Sciences, Chennai.	ICONN-2025/0091	Preparation and characterization for natural polymer electrolyte CMC blend PVA with NaCl using Energy Storage Application	Interfaces and Thin films	CP-S1-070	24-Mar-25	1	17:10 - 18:20	+91-6374450435	bakkiya3012@gmail.com	NO- 67, PALLA ST, KARANAI, THIRUVANNAMALAI DT - 604404.
71	Mr.RUKSHAANA RAFI	Student	SRM Institute of Science and Technology	ICONN-2025/0092	Indigo Carmine-Polyvinyl Alcohol Blends: A Concentration-Dependent Optical Limiting Study	Interfaces and Thin films	CP-S1-071	24-Mar-25	1	17:10 - 18:20	+91-8248412636	rr5222@srmist.edu.in	Flat no BG1, No 24 yadava street, Adambakkam, Chennai
72	Ms.KAVITHA	Student	Sastra University	ICONN-2025/0105	Structure dependent properties of Spray deposited MoO3 thin films for Electrochromic Smart Window applications	Interfaces and Thin films	CP-S1-072	24-Mar-25	1	17:10 - 18:20	+91-6382498636	kavithap350@gmail.com	Sastra university, Thanjavur
73	Mr.NILOYU MANDAL	Student	Jadavpur University	ICONN-2025/0135	Influence of TiO2/SWCNT nanocomposites on Charge transport in Organic Malachite Green Dye based Schottky Device	Interfaces and Thin films	CP-S1-073	24-Mar-25	1	17:10 - 18:20	+91-7001366586	niloymandal202@gmail.com	Tehatta high school para, Tehatta, Nadia, Pin-741160
74	Mr.NAVNATH KASHINATH CHAVAN	Student	Shivaji University, Kolhapur	ICONN-2025/0144	Electrodeposited CuInSe2 Thin Films for Photoelectrochemical (PEC) Performance	Interfaces and Thin films	CP-S1-074	24-Mar-25	1	17:10 - 18:20	+91-9403867356	chavannavnath1985@gmail.com	School of Nanoscience and Biotechnology, Shivaji University, Kolhapur - 416004
75	Ms. T. AKILA	Student	SAVEETHA SCHOOL OF ENGINEERING, SAVEETHA UNIVERSITY, SAVEETHA NAGAR, THANDALAM, CHENNAI-602105	ICONN-2025/0255	Protagonist of praseodymium oxide interlayer in reducing interface defects in Cu/Pr6O11/n-Si optoelectronic devices	Interfaces and Thin films	CP-S1-075	24-Mar-25	1	17:10 - 18:20	+91-9994550996	akilathirupathi2000@gmail.com	Saveetha school of engineering (SIMATS), Saveetha Nagar, Thandalam, Chennai-602105. Saveetha nagar thandalam

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
76	Mr.SHOUVIK CHOUDHURY	Student	INDIAN INSTITUTE OF TECHNOLOGY MADRAS	ICONN-2025/0056	Investigating the effects of Cr <sup>3+</sup> doping on the nonlinear optical properties of ZnGa <sub>2</sub> O <sub>4</sub> micro-flowers	Low-dimensional materials	CP-S1-076	24-Mar-25	1	17:10 - 18:20	+91-9874818871	ph19d201@smail.iitm.ac.in	HSB 307, DEPARTMENT OF PHYSICS, INDIAN INSTITUTE OF TECHNOLOGY MADRAS, CHENNAI, INDIA
77	Ms.VAISHNAVI	Student	SRM Institute of science and technology Kattankulathur	ICONN-2025/0131	Hydrothermally synthesized CuInS <sub>2</sub> quantum dots for Fe <sup>3+</sup> ion sensing in aqueous media	Low-dimensional materials	CP-S1-077	24-Mar-25	1	17:10 - 18:20	+91-7025706321	vb6363@srmist.edu.in	Choorithod (H) Manadukam (po) Chengala (via) Kasaragad
78	Ms.MERCY JENNIFER	Student	BISHOP HEBER COLLEGE	ICONN-2025/0171	Tuning the parameters for synthesis of highly ordered 1D Titanium dioxide Nanotube arrays by Anodization Method	Low-dimensional materials	CP-S1-078	24-Mar-25	1	17:10 - 18:20	+91-9677116982	mercy.dany@gmail.com	Natarajan Residency First Main Road Ramlinga Nagar Woraiyur S4,woraiyur,TRICHY
79	Ms.MAHALAXMI M C	Researcher	SRM Institute of Science and Technology	ICONN-2025/0434	Development of Eco-Friendly Copper Based Halide Perovskites for Solar Hydrogen Generation	Low-dimensional materials	CP-S1-079	24-Mar-25	1	17:10 - 18:20	+91-9840765472	mm7001@srmist.edu.in	UB 703/A, Department of Physics and Nanotechnology, SRM IST KTR.
80	Mr.MAHALAXMI M C	Researcher	SRM Institute of Science and Technology	ICONN-2025/0564	Development of Eco-Friendly 'Copper Based Halide Perovskites and Perovskite-Like Materials' for Solar Hydrogen Generation	Low-dimensional materials	CP-S1-080	24-Mar-25	1	17:10 - 18:20	+91-8939590071	mahamagz00@gmail.com	UB 703/A, SRM IST KTR
81	Ms.AARTI DIWAN	Researcher	SRMIST Kattankulathur , chennai , Tamilnadu 603203	ICONN-2025/0802	Exciton-Plasmon Coupling in Various Decorated Semiconductor Systems	Low-dimensional materials	CP-S1-081	24-Mar-25	1	17:10 - 18:20	+91-6263514140	ad0017@srmist.edu.in	SRMIST kattankulathur chennai
82	Ms.AISWARIA SANTHOSH	Student	SRMIST,KTR, Chennai	ICONN-2025/0868	Electronic Raman Spectroscopy: An Unconventional but Effective Probe to Understand Electron-Phonon Interaction	Low-dimensional materials	CP-S1-082	24-Mar-25	1	17:10 - 18:20	+91-9746892796	as9306@srmist.edu.in	SRMIST,KTR
83	Ms.MEGHA S N	Student	SRM IST Kattankulathur	ICONN-2025/0052	Exploring ion-implanted silicon using nanoindentation for advanced optoelectronic applications.	Manipulation and Characterization of Materials at Nanoscale	CP-S1-083	24-Mar-25	1	17:10 - 18:20	+91-8072668358	megha.s.n2244@gmail.com	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu 603203
84	Ms.PENTAPATI SURYA LAKSHMI	Student	GITAM deemed to be University	ICONN-2025/0060	Studies on the optical and nonlinear optical properties of undoped and silver doped tin oxide nanoparticles.	Manipulation and Characterization of Materials at Nanoscale	CP-S1-084	24-Mar-25	1	17:10 - 18:20	+91-7731973429	pentapatisuryalakshmi@gmail.com	110, CVR Bhavan, GSS, GITAM deemed to be University, Visakapatnam
85	Dr.JUHI JUHI	Student	SAVEETHA DENTAL COLLEGE CHENNAI	ICONN-2025/0067	The Science of Hard Tissue Mineralization: Comparative Analysis Across Phyla	Manipulation and Characterization of Materials at Nanoscale	CP-S1-085	24-Mar-25	1	17:10 - 18:20	+91-7980795851	6adivis@gmail.com	SAVEETHA DENTAL GIRLS HOSTEL ROOM NO 104 NEARBY ACS MEDICAL COLLEGE OPPOSITE ARAVIND EYE HOSPITAL VELAPANCHAVADI CHENNAI TAMIL NADU 600077
86	Ms.DEBASHREE DAS	Student	Indian Institute of Space Science and Technology	ICONN-2025/0077	Laser-Induced Structural Modification of Fullerene in Liquid Phase	Manipulation and Characterization of Materials at Nanoscale	CP-S1-086	24-Mar-25	1	17:10 - 18:20	+91-9438864018	du2013.debashree@hotmail.com	Laboratory for Electro-Optics Systems, ISRO, First Cross, First Phase, Peenya Industrial Estate, Bengaluru, Karnataka.
87	Mr.MUKILAN	Student	Sri Venkateswara college of engineering	ICONN-2025/0282	Thermal conductivity of aqua-antifreeze solution suspended with Cobalt-doped Magnesium Oxide	Manipulation and Characterization of Materials at Nanoscale	CP-S1-087	24-Mar-25	1	17:10 - 18:20	+91-9360352769	mukilanrajavelu@gmail.com	18/19, Kalandar street Kanchipuram
88	Ms.SHILPA RAJKUMAR	Researcher	SRM Institute of Science and Technology	ICONN-2025/0424	Design and Analysis of Tunable Multispectral Photoplasmonic Perfect Light Absorber	Metamaterials and Metasurfaces	CP-S1-088	24-Mar-25	1	17:10 - 18:20	+91-9940510647	sr9293@srmist.edu.in	No. 40-41B, 2nd Cross Street, Elim Nagar, Perungudi. Chennai-600096
89	Mr.TUMMALURU KHADAR BASHA	Student	SRM Institute of Science and Technology, Kattankulathur, Chennai	ICONN-2025/0457	Enhanced Light-Matter Interactions in TiO <sub>2</sub> Metasurfaces: A Near-Field Study Using NSOM and Finite Element Modeling	Metamaterials and Metasurfaces	CP-S1-089	24-Mar-25	1	17:10 - 18:20	+91-9182544174	kt9884@srmist.edu.in	Nanophotonics and Quantum Meta-Optics Group, Room No 707, 7th-floor University Building, SRM-IST, Kattankulathur, Chennai, India.

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90	Ms.THAMEEMUNNISH A BEEVI	Student	SRM Institute of Science and Technology	ICONN-2025/0460	Design and Simulation-Driven Optimization of Metasurface Integrated Two-Dimensional Materials for Enhanced Quantum Light Generation	Metamaterials and Metasurfaces	CP-S1-090	24-Mar-25	1	17:10 - 18:20	+91-8939561979	tm3580@srmist.edu.in	No: 19/7, Vinayagar koil street, Sasthri Nagar, West Saidapet, Chennai - 600015.
91	Mr.DIBYARANJAN DAS	Student	KIIT UNIVERSITY	ICONN-2025/0661	Wideband Metamaterial Absorber based on diamond-shaped symmetric ring resonators for EMI shielding and Stealth applications using Nano BZT ceramics	Metamaterials and Metasurfaces	CP-S1-091	24-Mar-25	1	17:10 - 18:20	+91-8018101045	dibyanjandas74@gmail.com	Campus -3,KIIT UNIVERSITY, BHUBANESWAR,ODISHA-751024
92	Mr.DEV KHETAN	Student	SRM Institute of Science and Technology	ICONN-2025/0951	Design, Simulation and Performance Evaluation of SOI MOSFET for optimizing Analog and Digital Performance	Methods and Numerical Techniques	CP-S1-092	24-Mar-25	1	17:10 - 18:20	+91-9741496814	ds3425@srmist.edu.in	Iffah Guest House, Potheri, Chengalpattu - 603203
93	Dr.NANTHAKUMAR AJD	Faculty	SRM Institute of Science and Technology,	ICONN-2025/0959	Deployment of Deep Learning techniques for predicting temperature distribution in Copper based shock absorber nanofluids	Methods and Numerical Techniques	CP-S1-093	24-Mar-25	1	17:10 - 18:20	+91-7810032033	ajd.nanthakumar@gmail.com	Department of Automobile Engineering, SRM Institute of Science and Technology, Kattankulathur Campus
94	Mr.SRIDHAR	Student	SRM Institute of Science and Technology	ICONN-2025/0442	Review Paper: Transition Metals for Third-Order Nonlinear Optical Properties	Molecular and Nanoelectronics	CP-S1-094	24-Mar-25	1	17:10 - 18:20	+91-9626428311	sb6333@srmist.edu.in	No.5, Varatharajan street, Manaveli, Arriyankuppum, Puducherry
95	Mr.VEERAPANDIAN	Student	SRM Institute of Science and Technology, KTR campus	ICONN-2025/0450	Enhancing the photophysical and luminescence properties of organic co-crystal with polymers	Molecular and Nanoelectronics	CP-S1-095	24-Mar-25	1	17:10 - 18:20	+91-6374842677	vv2894@srmist.edu.in	1/69, Murugan Kovil Street, Tharuvai, Tirunelveli - 627 356.
96	Mr.VISHVAA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0563	Property Modulation and Application Potential of Boron-Doped Molybdenum Trioxide (MoO <sub>3</sub> )	Molecular and Nanoelectronics	CP-S1-096	24-Mar-25	1	17:10 - 18:20	+91-9445303751	va0496@srmist.edu.in	569,Bazaar Street, perunagar, Kanchipuram Dt
97	Mr.SENGOTTAIYAN	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0586	Investigation of the Synthesis, Growth, Structural and Characterization of Non-Linear Optical Materials for Optical Limiting Applications	Molecular and Nanoelectronics	CP-S1-097	24-Mar-25	1	17:10 - 18:20	+91-9940210957	SS8626@SRMIST.EDU.IN	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY,DEPARTMENT OF PHYSICS AND NANOTECHNOLOGY
98	Mr.RANJITH	Researcher	SRM Institute of Science and Technology	ICONN-2025/0781	Investigating tunneling effects and frequency response in organic electronic devices	Molecular and Nanoelectronics	CP-S1-098	24-Mar-25	1	17:10 - 18:20	+91-8943011572	rr6961@srmist.edu.in	C202, Aqua-Oxone Urbana, Kannamangala, Devanahalli, Bangalore-562110
99	Mr.BHARATH	Student	SRM Institute of Science and Technology	ICONN-2025/0782	Fabrication and Development of nanoscale organic devices for Physically small unclonable functions (PUFs)	Molecular and Nanoelectronics	CP-S1-099	24-Mar-25	1	17:10 - 18:20	+91-8667856315	bj6794@srmist.edu.in	5/33 Malligai st. jck nagar , chengalpattu
100	Dr.ALAGIRI MANI	Faculty	SRMIST	ICONN-2025/0857	IoT-Based Smart Water Quality Monitoring System	Molecular and Nanoelectronics	CP-S1-100	24-Mar-25	1	17:10 - 18:20	+91-9791125207	smazhagiri@gmail.com	Dr. M. Alagiri Associate Professor, Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur Campus. Mobile: +91 9600107743
101	Mr.NAVANEETH KRISHNAN A B	Student	SRM institute of science and technology	ICONN-2025/0886	Differentiating the Dark and Photocurrent Based on Different Charge Transport Mechanism and their Affecting Parameters.	Molecular and Nanoelectronics	CP-S1-101	24-Mar-25	1	17:10 - 18:20	+91-8301967096	na2215@srmist.edu.in	Navaneetham, Chempoor , mudakkal.P.O Trivandrum
102	Mr.SARBOJEET BOSE	Student	SRM IST KTR	ICONN-2025/0910	Substitutive Selection of Channel Material for Optimised Electrical Performance of GAA Transistor	Molecular and Nanoelectronics	CP-S1-102	24-Mar-25	1	17:10 - 18:20	+91-8389938638	sb8034@srmist.edu.in	C208 abode valley kattan street kattankulathur
103	Ms.SRILAKSHMI	Student	SRM University	ICONN-2025/0962	Hardware-Accelerated Deep Learning for Cardiac Arrhythmia Detection	Molecular and Nanoelectronics	CP-S1-103	24-Mar-25	1	17:10 - 18:20	+91-7299959126	ss7742@srmist.edu.in	29b, selvaganapathy koil street, Ullagaram, Chennai

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104	Ms.SHERIN CELSHIA	Student	SAVEETHA DENTAL COLLEGE AND HOSPITAL	ICONN-2025/0007	Hydrothermally synthesized cadmium molybdate and its composite with Mxene: structural and morphological characteristics for photocatalytic application	Multifunctional Nanomaterials	CP-S1-104	24-Mar-25	1	17:10 - 18:20	+91-9884255209	ssherincelshia@gmail.com	NO 234, B-2, AJ NAFEEZ APARTMENT, AMBIKA STREET, GOLDEN GEORGE NAGAR, MOGAPPAR, CHENNAI 600107
105	Mr.THANIKAIVELAN ESWARAN	Student	PACHAIYAPPA'S COLLEGE	ICONN-2025/0016	Structural and Morphology Study of Yttrium doped Gadolinium Oxide Nanorods	Multifunctional Nanomaterials	CP-S1-105	24-Mar-25	1	17:10 - 18:20	+91-8870383043	thanikaeswaran@gmail.com	4, THANIKACHALAM STREET I LANE, PERAMBUR, CHENNAI - 600011
106	Ms.KANIKA ARORA	Student	Institute of Nanoscience and Technology	ICONN-2025/0017	Dual Drug Delivery for Augmenting Bacterial Wound Complications via Tailored Ultradeformable Carriers	Multifunctional Nanomaterials	CP-S1-106	24-Mar-25	1	17:10 - 18:20	+91-7717597531	kanika.ph21215@inst.ac.in	Sector-81, Mohali, Punjab
107	Ms.GEETHA ANBALAGAN	Student	Saveetha Dental College and Hospitals, Saveetha Institute of Medical and Technical Sciences	ICONN-2025/0034	Facile synthesis of microflower-like Nitrogen-doped Co3O4 nanosheets as efficient electrode materials: High-performance and ultra-stable for supercapacitor applications	Multifunctional Nanomaterials	CP-S1-107	24-Mar-25	1	17:10 - 18:20	+91-9884215960	geethaa.sdc@saveetha.com	2/110, Bajanai kovil street, Sikkarayapuram, Kundrathur, Chennai-69
108	Ms.KARTHIKA MONI	Student	National Institute of Technology Calicut	ICONN-2025/0043	Synthesis of bio template based PZT microtubes using sol gel method	Multifunctional Nanomaterials	CP-S1-108	24-Mar-25	1	17:10 - 18:20	+91-9497482083	karthikapmoni@gmail.com	Department of Physics National Institute of Technology Calicut NIT Campus P.O. 673601 Kozhikode, India
109	Ms.SMRITHI CHANDRAN	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0049	Development of novel phases of ZnZr alloy for multifunctional applications	Multifunctional Nanomaterials	CP-S1-109	24-Mar-25	1	17:10 - 18:20	+91-9048134720	smrithichandran92@gmail.com	SRM Institute of Science and Technology Kattankulathur, Chennai, Tamil Nadu - 603203
110	Ms.JENCY SEBATINE	Student	Presidency College Chennai	ICONN-2025/0065	Bi-Doped V <sub>2</sub> O <sub>5</sub> : Synthesis and Characterization for Improved Photocatalytic Antibiotic Drug Degradation.	Multifunctional Nanomaterials	CP-S1-110	24-Mar-25	1	17:10 - 18:20	+91-9710468868	jensysebattine@gmail.com	No 32, TVS main road , devar nagar , padi ,Chennai 600050
111	Ms.BENY JERMILA	Student	SSN College, Chennai	ICONN-2025/0089	Unveiling the Photoluminescent Properties of Sr <sub>0.9</sub> La <sub>0.1</sub> B <sub>2</sub> O <sub>7</sub> : Dy <sup>3+</sup> Phosphor for multifunctional applications	Multifunctional Nanomaterials	CP-S1-111	24-Mar-25	1	17:10 - 18:20	+91-7558195516	benyjermila14@gmail.com	SSN College, Kalavakkam
112	Ms.R ANTONETTE DIVYA FAUSTINA	Student	SRM Institute of Science and Technology, Chennai	ICONN-2025/0097	Investigation on versatile behavior of Gd:Yb doped Cs <sub>2</sub> TiO <sub>3</sub> materials prepared by solid-state reaction method with LED and fingerprint application	Multifunctional Nanomaterials	CP-S1-112	24-Mar-25	1	17:10 - 18:20	+91-7094176014	rf9846@srmist.edu.in	214, Prim Rose Cottage, Woodcock road, Lakeside, Ooty-643001.
113	Ms.HANNAH BLASIYUS	Student	SRM Institute of Science and Technology	ICONN-2025/0114	Modeling the growth and structure of silk cocoons: using L-systems	Multifunctional Nanomaterials	CP-S1-113	24-Mar-25	1	17:10 - 18:20	+91-9003251995	hb3121@srmist.edu.in	No. 45, First Floor, Subhiksham House, Karpagambal Nagar, Guduvanchery - 603202, Chengalpattu District, Tamil Nadu
114	Ms.UMA BHARATHY RAVICHANDRAN	Student	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0213	Investigation of the Electrochemical Performance of Cobalt Sulfide Nanoparticles for Hybrid Supercapacitor Applications	Multifunctional Nanomaterials	CP-S1-114	24-Mar-25	1	17:10 - 18:20	+91-9952749076	umabharathy2350334@ssn.edu.in	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam, Chennai- 603110
115	Mr.BHARATH KUMAR	Student	SRM Institute of science and technology	ICONN-2025/0234	Synthesis and characterization of Heusler alloy for optical limiting application	Multifunctional Nanomaterials	CP-S1-115	24-Mar-25	1	17:10 - 18:20	+91-6379178172	bt5417@srmist.edu.in	43 westwood flower apartment, ambedkar 2nd street, selvaraj nagar, urappakam, chennai 603211.
116	Ms.SILVIYA. N	Student	Ethiraj college for women (Autonomous), affiliated to Madras university	ICONN-2025/0241	Impact of dopants to enhance the structural, magnetic and dielectric functioning of hydrothermally generated M-type Hexaferrites	Multifunctional Nanomaterials	CP-S1-116	24-Mar-25	1	17:10 - 18:20	+91-9884644195	silvian3008@gmail.com	9, MADHA KOIL STREET, COLLECTORATE COLONY, AMINIJKARAI, CHENNAI - 600029
117	Dr.THILAGA DURAISAMY	Student	Saveetha Institute of Medical and Technical Sciences	ICONN-2025/0031	Exploring the Ultrastructure of Plant Derived Nanovesicles for Cellular Communication and Tissue Regeneration	Nanobiotechnology	CP-S1-117	24-Mar-25	1	17:10 - 18:20	+91-9886628376	thilaga.saveetha@gmail.com	Saveetha Dental College and Hospitals, Chennai.

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
118	Ms. VEENA VENUGOPAL	Student	Amrita Vishwa Vidyapeetham	ICONN-2025/0087	Biocompatible Nanocomposites Loaded with CQDs from Essential Oils for Enhanced Anticancer Treatment and Diagnosis	Nanobiotechnology	CP-S1-118	24-Mar-25	1	17:10 - 18:20	+91-7795049257	veenavenu95@gmail.com	Research Scholar, Department of Physical Sciences, Amrita School of Engineering, Amrita Vishwa Vidyapeetham, Bengaluru-560035
119	Ms.AARATHY NAIR	Student	SRM IST	ICONN-2025/0109	NANO DELIVERY SYSTEM FOR ENCAPSULATION OF VITAMIN D3 FOR ENHANCED BIOAVAILABILITY AND ITS APPLICATION IN FOOD FORTIFICATION	Nanobiotechnology	CP-S1-119	24-Mar-25	1	17:10 - 18:20	+91-8590322534	aarathymanoj08@gmail.com	Maya Sadanam Kaipuzha,Kulanada P.O.Pathanamthitta, Kerala
120	Mr.JISMA J C	Student	SRM UNIVERSITY	ICONN-2025/0111	DEVELOPMENT OF BIO-NANOCOMPOSITE FILMS USING MANGO PEEL NANOCCELLULOSE AND MANGO SEED STARCH FOR SUSTAINABLE PACKAGING	Nanobiotechnology	CP-S1-120	24-Mar-25	1	17:10 - 18:20	+91-7034601616	jismajc1512@gmail.com	J J COTTAGE PINKULAM KAKKAVILA P O, NEYYATTINKARA, TRIVANDRUM KERALA
121	Mr.ASWIN KRISHNA	Student	SRMIST	ICONN-2025/0124	Development of a ZIF-8/Graphene Oxide-Based Electrochemical Biosensor for miR-21 Detection in Breast Cancer Diagnosis	Nanobiotechnology	CP-S1-121	24-Mar-25	1	17:10 - 18:20	+91-8848765557	Krishna.aswin555@gmail.com	Madipakkam,chennai
122	Mr.SANGHAMITHRAN K S	Student	Atria University	ICONN-2025/0169	Anti-Yeast effects of Ag-Cu bimetallic Nanoparticles (NPs) imparted through ROS mediated damage of intracellular biomolecules	Nanobiotechnology	CP-S1-122	24-Mar-25	1	17:10 - 18:20	+91-8606342799	sanghamithranks@gmail.com	Department of Life Sciences, Atria University, 1st Main Rd, near Baptist Hospital, Ags Colony, Anandnagar, Hebbal, Bengaluru, Karnataka 560024
123	Ms.ARCHANA	Student	Indian Institute of Technology, Bombay	ICONN-2025/0186	Design and Development of Biocompatible Electrospun Nanofibers for Sustained Drug Release	Nanobiotechnology	CP-S1-123	24-Mar-25	1	17:10 - 18:20	+91-7200164608	214110007@iitb.ac.in	H10, IIT Bombay, Powai, Mumbai
124	Ms.NITHILA	Student	Sri Venkateswara College of Engineering	ICONN-2025/0278	Fabrication of Chitosan-based porous scaffold nanostructures for bone tissue engineering applications	Nanobiotechnology	CP-S1-124	24-Mar-25	1	17:10 - 18:20	+91-7397470170	2021bt0402@svce.ac.in	158, Lloyds Rd, Ceebros Hariharan Apts, Royapettah Chennai - 14
125	Ms.ASHWINI PUSHPARAJ	Student	Sri Venkateswara College of Engineering	ICONN-2025/0279	Fabrication of Chitosan-based porous scaffold nanostructures for bone tissue engineering applications	Nanobiotechnology	CP-S1-125	24-Mar-25	1	17:10 - 18:20	+91-6385118678	2021bt0025@svce.ac.in	No:3, Park street, Kamaraj Nagar, Avadi, Chennai-71
126	Ms.VINOTHA SRE VELUSAMY	Student	SAVEETHA INSTITUTE OF MEDICAL AND TECHNICAL SCIENCES	ICONN-2025/0004	Construction of Ag precluded MnWO4 nanorod with enhanced catalytic performance for Rhodamine B degradation in presence of Cu <sup>2+</sup> : Synergistic behavior and mechanism insight	Nanocomposites and Nanocatalysts	CP-S1-126	24-Mar-25	1	17:10 - 18:20	+91-7402091364	vinothasre.bt@gmail.com	5A/41-1A,BHARATHIDASAN 4th STREET, NEW MG PURAM, PERAMBALUR
127	Ms.SASIKALA SASIKALA SASIKALA	Student	SIMATS Engineering CHENNAI - 602105	ICONN-2025/0008	BiOCi/BiOBr/Polyaniline Nanocomposites: A Promising Solution for Advanced Supercapacitor Applications	Nanocomposites and Nanocatalysts	CP-S1-127	24-Mar-25	1	17:10 - 18:20	+91-9790127998	sasikalasudhagar1@gmail.com	SIMATS Engineering CHENNAI - 602105
128	Ms.JANHAVI	Student	REVA UNIVERSITY	ICONN-2025/0015	Synthesis and characterization of MgO, NiO, and their composites for visible-light-driven photocatalytic application.	Nanocomposites and Nanocatalysts	CP-S1-128	24-Mar-25	1	17:10 - 18:20	+91-9071145590	janu.jj9@gmail.com	#508,5th floor, DSR RR Avenues, Opposite to Rail wheel factory, Doddaballapur main road, Yelahanka New Town, Bengaluru.
129	Mr.RANJITHKUMAR	Student	SAVEETHA UNIVERSITY	ICONN-2025/0030	Efficient Electrochemical Deposition of FeCoNiP (ICNP) for Enhanced Electrocatalytic Hydrogen Evolution Reaction	Nanocomposites and Nanocatalysts	CP-S1-129	24-Mar-25	1	17:10 - 18:20	+91-9385352959	ranjithsrk666@gmail.com	SIMATS ENGINEERING, CHENNAI- 602105
130	Mr.SANGRAM KESHARI SAHU	Student	Centurion university of technology and management,Jatni, Bhubaneswar, Odisha, 752050	ICONN-2025/0041	Multifunctional g-C3N4 based Nanocomposites for Photocatalysis and Antibacterial Applications	Nanocomposites and Nanocatalysts	CP-S1-130	24-Mar-25	1	17:10 - 18:20	+91-9938010864	skshahu360@gmail.com	Centurion university of technology and management,Jatni, Bhubaneswar, Odisha, 752050

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
131	Ms.ANKITA MEHER	Student	Centurion University	ICONN-2025/0068	Preparation of Gadolinium Doped ZnO:Bi <sub>2</sub> O <sub>3</sub> Nanocomposites for Photocatalytic and Energy Storage Applications	Nanocomposites and Nanocatalysts	CP-S1-131	24-Mar-25	1	17:10 - 18:20	+91-6371624205	meherankita250@gmail.com	Centurion University, Ramachandrapur, Jatni, Khordha, Odisha
132	Dr.S SARAVANAN	Student	SRMIST	ICONN-2025/0079	Preparation of Co, & Ni doped ZnO nanoparticles for the photocatalytic activity on degradation of methylene blue under sunlight	Nanocomposites and Nanocatalysts	CP-S1-132	24-Mar-25	1	17:10 - 18:20	+91-9626119096	saravans3@srmist.edu.in	Department of Physics and Nanotechnology
133	Mr.SARALA	Student	Saveetha university	ICONN-2025/0085	Dual-Functional g-C <sub>3</sub> N <sub>4</sub> /NiO/MnO <sub>2</sub> Nanocomposites for Environmental and Energy Challenges	Nanocomposites and Nanocatalysts	CP-S1-133	24-Mar-25	1	17:10 - 18:20	+91-9677000095	logavijay2016@gmail.com	SIMATS Engineering college, chennai-602105
134	Ms.KANGJAM MISHESHWORJI DEVI	Student	DHANAMANJURI UNIVERSITY, MANIPUR, IMPHAL-795001	ICONN-2025/0102	EFFECT OF Bi <sup>3+</sup> CO-DOPING ON ZnO:Eu <sup>3+</sup> NANOPARTICLES	Nanocomposites and Nanocatalysts	CP-S1-134	24-Mar-25	1	17:10 - 18:20	+91-7640096776	misheshworik@gmail.com	IMPHAL
135	Ms.PRIYADHARSHINI	Student	COLLEGE OF ENGINEERING,ANNA UNIVERSITY,CHENNAI.	ICONN-2025/0107	SYNTHESIS AND CHARACTERIZATION OF NANO METAL OXIDE MIXED 2-NITROTHIOPHENE POLYMER COMPOSITE	Nanocomposites and Nanocatalysts	CP-S1-135	24-Mar-25	1	17:10 - 18:20	+91-9344670854	dharshinirajan2707@gmail.com	MALLIGAI EXTENSION,CEG HOSTEL,ANNA UNIVERSITY,GUINDY,CHENNAI.
136	Mr.ANIMESH ACHARYA	Student	Vidyasagar university	ICONN-2025/0128	Reduced Graphene Oxide anchored Ni-imidazole Framework: An Excellent Electrocatalyst for Urea Oxidation Reaction	Nanocomposites and Nanocatalysts	CP-S1-136	24-Mar-25	1	17:10 - 18:20	+91-8372817139	animeshacharya560@gmail.com	Dept. Of physics, VIDYASAGAR UNIVERSITY, 721102
137	Ms.SHINY GOLDA A	Researcher	SRM Institute of Science and Technology	ICONN-2025/0129	Synergistic Enhancement of Photocatalytic Hydrogen Production and Antibacterial Properties in NiCuInS <sub>2</sub> : In <sub>2</sub> S <sub>3</sub> /ZnIn <sub>2</sub> S <sub>4</sub> Heterostructured Photocatalysts	Nanocomposites and Nanocatalysts	CP-S1-137	24-Mar-25	1	17:10 - 18:20	+91-7550245738	sa9662@srmist.edu.in	Department of Physics and Nanotechnology
138	Ms.K. PRIYANGA	Researcher	SRM Institute of Science and Technology	ICONN-2025/0130	Photo-Enhanced Piezocatalytic Hydrogen Production Using ZnNiOS Microspheres Coupled with TiO <sub>2</sub> Nanosheets in an S-Scheme Heterojunction	Nanocomposites and Nanocatalysts	CP-S1-138	24-Mar-25	1	17:10 - 18:20	+91-8610655005	pk8430@srmist.edu.in	Department of Physics and Nanotechnology, SRM IST
139	Ms.YOGESHWARI	Student	Rajeswari vedachalam government arts college, Chengalpattu	ICONN-2025/0142	Green synthesis of Silver Nanoparticles using Vitex Negundo Flower Extract, Decorated with Hydroxyapatite Derived from Marine Biowaste Shell and Evaluation of Its Catalytic and Antibacterial Activity	Nanocomposites and Nanocatalysts	CP-S1-139	24-Mar-25	1	17:10 - 18:20	+91-9751516885	yogitamilyogitamil@gmail.com	Tank Street Thiruvanthavar Village, Uthiramerur Taluk
140	Ms.K.JESHAADHARSHINI	Student	Vellalar College For Women, Erode-12	ICONN-2025/0148	Recent Challenges in Combating Antimicrobial Resistance based on Reinforced Polymer Nanocomposites	Nanocomposites and Nanocatalysts	CP-S1-140	24-Mar-25	1	17:10 - 18:20	+91-6379733038	dharshinijeshaa@gmail.com	No.114 Rock Mount City, Paaraivalsu, Pungampadi Post, Mettukadai, Erode-638107
141	Ms.SURAKSHA DHANASEKARAN	Student	RAJESWARI VEDACHALAM GOVERNMENT ARTS COLLEGE CHENGALPATTU	ICONN-2025/0156	"Facile green synthesis and Characterization of Magnetically Separable Ag/Fe <sub>3</sub> O <sub>4</sub> /rGO Ternary Nanocomposite using the root tip extract of Ficus Bengalensis and its Photo-catalytic activity"	Nanocomposites and Nanocatalysts	CP-S1-141	24-Mar-25	1	17:10 - 18:20	+91-9566226945	surakshadhanasekaran211@gmail.com	1/53 Ambthkar street Erumaiyur
142	Mr.CHINMAY SAHU	Student	Barkatullah University	ICONN-2025/0188	Facile Synthesis of Visible Light Assisted BiFeO <sub>3</sub> /MoS <sub>2</sub> Composite for Efficient Degradation of Methylene Blue Dye	Nanocomposites and Nanocatalysts	CP-S1-142	24-Mar-25	1	17:10 - 18:20	+91-8889625016	chinmaysahu07@gmail.com	Department of Physics, Barkatullah University, Bhopal

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
143	Ms.THARA PRASANNAN	Researcher	SRMIST	ICONN-2025/0201	Role of filler for enhanced pyroelectric effect in flexible composite ferroelectric films of PVDF/PbTiO <sub>3</sub>	Nanocomposites and Nanocatalysts	CP-S1-143	24-Mar-25	1	17:10 - 18:20	+91-7012625662	tp5435@srmist.edu.in	SRM IST, KTR campus
144	Ms.AKSHAYA.S	Student	Ethiraj College for Women	ICONN-2025/0207	Analysis of Silver-Doped ZnO/Graphitic Carbon Nitride Photocatalysts and their Degradation Effectiveness under Visible Illumination	Nanocomposites and Nanocatalysts	CP-S1-144	24-Mar-25	1	17:10 - 18:20	+91-7338782825	akshayasridhar2002@gmail.com	5/213, Periyar street, Big Vinjiyampakkam, Singaperumalkoil, Chengalpet district-603204
145	Dr.ANANDAN KASINATHAN	Faculty	Academy of Maritime Education and Training (AMET) Deemed to be University	ICONN-2025/0216	Exploring the Photocatalytic Performance and Structural Properties of NiO and SnO <sub>2</sub> Nanoparticles for Dye Degradation under UV Light	Nanocomposites and Nanocatalysts	CP-S1-145	24-Mar-25	1	17:10 - 18:20	+91-9940156552	anand.nanoscience@yahoo.com	Associate Professor and Head, Department of Physics, Academy of Maritime Education and Training (AMET) Deemed to be University, Chennai - 603 112.
146	Ms.ATCHAYA	Student	SRMIST KTR campus	ICONN-2025/0228	Synthesis and Characterization of Chalcogenide Perovskites for Solar Water Splitting Application	Nanocomposites and Nanocatalysts	CP-S1-146	24-Mar-25	1	17:10 - 18:20	+91-8940790196	ak5750@srmist.edu.in	13, 3rd Street Rajalakshmi Women's hostel Jagadish Nagar, Railway Station, Urappakkam, Chennai, Tamilnadu 603211
147	Ms.SUMA K H	Student	PES University, Electronic city campus, Bangalore, India	ICONN-2025/0229	Room Temperature Alternating Current Response of Polythiophene / Lanthanum oxide Composite	Nanocomposites and Nanocatalysts	CP-S1-147	24-Mar-25	1	17:10 - 18:20	+91-6361575583	sumakh9@gmail.com	Department of Physics, PES University, Electronic city campus, Bangalore, India
148	Dr.SUBASA CHANDRA SAHOO	Faculty	Central University of Kerala	ICONN-2025/0020	Effect of Annealing on Exchange Spring Ni-ferrite/Co-ferrite Nanocomposites	Nanomagnetism and Spintronics	CP-S1-148	24-Mar-25	1	17:10 - 18:20	+91-9495101200	subasa.cs@gmail.com	Department of Physics Central University of Kerala Tejaswini Hills, Periya, Kasaragod -671320 Kerala
149	Ms.AISWARYA GOWRI V S	Student	SRM	ICONN-2025/0050	Effect of surface modification on magnetite nanoparticles for hyperthermia application.	Nanomagnetism and Spintronics	CP-S1-149	24-Mar-25	1	17:10 - 18:20	+91-9633495568	aiswaryagowrivs@gmail.com	RESEARCH SCHOLAR, SRM IST KATTANKULATHUR
150	Mr.KLINTON BRITO K	Student	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0155	Vanadium based half Heusler alloys VPtZ (Z=Si, Ge, Sn) for spin polarized and thermoelectric applications	Nanomagnetism and Spintronics	CP-S1-150	24-Mar-25	1	17:10 - 18:20	+91-9003390080	klintonbritok@ssn.edu.in	11/56 A, Pammamthala vilai veedu, Eruthavvor, Meenachel Post
151	Ms.SANDHYA RAVICHANDRAN	Student	SRM Institute of Science and Technology	ICONN-2025/0270	Reversal Mechanisms in Nanosphere Lithographed Structures with Tunable Lattice Parameters	Nanomagnetism and Spintronics	CP-S1-151	24-Mar-25	1	17:10 - 18:20	+91-6369865337	sr8849@srmist.edu.in	maraimalainagar
152	Ms.MANI BHARATHI MANICKAVASAGAM	Student	SRM Institute of Science and Technology	ICONN-2025/0271	Magnetic Racetrack Memory with Reversible Conversion of Domain Wall to Skyrmion	Nanomagnetism and Spintronics	CP-S1-152	24-Mar-25	1	17:10 - 18:20	+91-8973006064	mbharathi.manick@gmail.com	RRP 617, Sir C V Raman Research Park, SRM Institute of Science and Technology, Kattankulathur Campus, Chennai - 603203
153	Ms.GOWRI SHONALI SHONALI NATARAJAMANI	Student	SASTRA Deemed to be university	ICONN-2025/0013	MXene/WO <sub>3</sub> Hybrid Composites for Highly Selective Ammonia Detection at Ambient Temperature	Nanosensors and Nanoactuators	CP-S1-153	24-Mar-25	1	17:10 - 18:20	+91-8883439865	gowrishonalin@gmail.com	Sastra deemed to be university sastra deemed to be university Thirumalaisasamudram
154	Ms.BINEESHA	Student	CENTRAL UNIVERSITY OF KERALA	ICONN-2025/0025	Harnessing the Multifunctional Properties of ZnO Nanoparticles for High-Performance Optical and Paper-printed Colorimetric Detection of Silver Ions	Nanosensors and Nanoactuators	CP-S1-154	24-Mar-25	1	17:10 - 18:20	+91-9400669637	bineesha637@gmail.com	CENTRAL UNIVERSITY OF KERALA,KASARGOD,KERALA,PIN 671316
155	Ms.MALAVIKA R K	Student	Central University of Kerala	ICONN-2025/0026	Portable paper-printed colorimetric sensing platform functionalized with hexagonal CuBO <sub>2</sub> nanoplates for the enhanced qualitative and quantitative detection of dopamine	Nanosensors and Nanoactuators	CP-S1-155	24-Mar-25	1	17:10 - 18:20	+91-9446655919	malavika.rk@cukerala.ac.in	Department of Physics, Narmada Block, Central University of Kerala

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
156	Ms.PRIYADHARSHINI S	Student	SASTRA Deemed to be University	ICONN-2025/0320	Design and Development of an Electrochemical Sensor for the Detection of Tyrosinemia using Functionalized Graphene Quantum Dots	Nanosensors and Nanoactuators	CP-S1-156	24-Mar-25	1	17:10 - 18:20	+91-6382794689	priyadharshini@ece.sastra.ac.in	61/1, SANNATHI STREET, NANGUNERI, TIRUNELVELI
157	Ms.RAGAVI THANGAPPANDIAN	Student	SRM Institute of Science and Technology	ICONN-2025/0328	W-Modified Bi <sub>2</sub> MoO <sub>6</sub> : A New Approach to NO <sub>2</sub> Sensing at Low Temperatures	Nanosensors and Nanoactuators	CP-S1-157	24-Mar-25	1	17:10 - 18:20	+91-9384142138	tragavi2001@gmail.com	141/B1, ragavignesh illam, amman nagar, thattankulam, Palani
158	Ms.SONIKA	Student	IIT Roorkee	ICONN-2025/0342	Vertically Aligned MoSe <sub>2</sub> -WS <sub>2</sub> Nanoworms Heterojunction towards Room Temperature NO <sub>2</sub> Gas Sensors.	Nanosensors and Nanoactuators	CP-S1-158	24-Mar-25	1	17:10 - 18:20	+91-8168952606	sonika@ic.iitr.ac.in	B-218 Vigyan Bhawan IIT Roorkee Roorkee, Haridwar, 247667
159	Mr.SREE BALAN	Researcher	SASTRA Deemed to be University	ICONN-2025/0406	Hydrothermal Synthesis of Copper Oxide Nanoparticles for Enhanced Ethanol Gas Sensing Performance Using a Chemiresistive Sensor	Nanosensors and Nanoactuators	CP-S1-159	24-Mar-25	1	17:10 - 18:20	+91-9790360454	dppi0424011914@sastra.ac.in	SASTRA Deemed to be University
160	Mr.N R KIVAND RAJAN	Student	College of Engineering Guindy Anna University	ICONN-2025/0427	Nickel Ferrite-Modified SPEs for Detection of Urea in Milk	Nanosensors and Nanoactuators	CP-S1-160	24-Mar-25	1	17:10 - 18:20	+91-9445285648	kivand68@gmail.com	Gokul Illam, New no: 23, Old no: 11/3, Aziz Nagar 2nd Street Kodambakkam Chennai- 600024.
161	Ms.AYSHA PARVEEN	Student	SRM IST, KTR	ICONN-2025/0446	Activation energy tuned Al-incorporated MoO <sub>3</sub> nano lamella for highly sensitive low temperature NO <sub>2</sub> detection	Nanosensors and Nanoactuators	CP-S1-161	24-Mar-25	1	17:10 - 18:20	+91-7358594954	arf930@srmist.edu.in	SRM IST , KTR
162	Ms.MONISHA	Student	Hindusthan College of Arts & Science, Coimbatore	ICONN-2025/0098	Structural, morphological and optical properties of gallium doped zinc oxide thin films prepared by sol- gel dip coating technique	Nanostructured Solar Cells and Thermolectrics	CP-S1-162	24-Mar-25	1	17:10 - 18:20	+91-7010467951	monishart002@gmail.com	No.33 Karpura vazhai street, Ismail nagar, virattikuppam road, Villupuram
163	Ms.KUSHPU	Researcher	SRM Institute of Science and Technology	ICONN-2025/0138	Facilitating the self-assembly of graphene nanostructures through the effectiveness of P systems	Nanostructured Solar Cells and Thermolectrics	CP-S1-163	24-Mar-25	1	17:10 - 18:20	+91-9150563316	km2925@srmist.edu.in	NO: 23, Karikalan Street, Padhuancherry, Madambakkam
164	Mr.JOTHIKA	Student	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0214	Tailored Compositional Engineering of Methylammonium Iodide for Improved Stability and Performance in Organic-Inorganic Halide Perovskite Solar Cells	Nanostructured Solar Cells and Thermolectrics	CP-S1-164	24-Mar-25	1	17:10 - 18:20	+91-9787225042	jothikab@ssn.edu.in	Sri Sivasubramaniya Nadar College of Engineering Kalavakkam
165	Ms.VINITHA B ELZA	Student	APJ Abdul Kalam Technological University	ICONN-2025/0300	Simulation of High-Efficiency All-Perovskite Tandem Solar Cells: A Comparative Study of Lead-Free and Low-Lead Perovskite Materials	Nanostructured Solar Cells and Thermolectrics	CP-S1-165	24-Mar-25	1	17:10 - 18:20	+91-9846932823	vinithaelza484@gmail.com	Department of ECE, Associate Professor, Marian Engineering College, Trivandrum
166	Dr.ARUL VARMAN KESAVAN	Faculty	SRM Institute of Science and Technology	ICONN-2025/0347	Validating the Novel Electron Transport Layer with the Use of Experimentally Studied D18:Y6 Bulk Heterojunction Solar Cell	Nanostructured Solar Cells and Thermolectrics	CP-S1-166	24-Mar-25	1	17:10 - 18:20	+91-9886721534	arulv@srmist.edu.in	Department of Physics & Nanotechnology SRM IST KTR
167	Mr.NAVEENKUMAR KUMAR	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULATHUR, CHENNAI, 603 203	ICONN-2025/0372	Enhanced Efficiency of LaTiO <sub>3</sub> , CeTiO <sub>3</sub> , and SrTiO <sub>3</sub> as Photoanodes for Dye-Sensitized Solar Cells	Nanostructured Solar Cells and Thermolectrics	CP-S1-167	24-Mar-25	1	17:10 - 18:20	+91-6382185426	mn7232@srmist.edu.in	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR, CHENNAI, 603 203
168	Ms.VAISHNAVI G	Student	SRM Institute of Science and Technology	ICONN-2025/0412	Investigating the Effect of Cobalt Doping on the Thermoelectric Properties of Ti-Ni-Sn	Nanostructured Solar Cells and Thermolectrics	CP-S1-168	24-Mar-25	1	17:10 - 18:20	+91-9043958223	Vg1009@srmist.edu.in	106/36 C.K.C Nagar Tirupattur DT and Tirupattur TK pin code - 635601
169	Ms.DHANUSHREE	Student	PSGR Krishnammal College for Women	ICONN-2025/0022	Improved Electrochemical Performance of Zinc-Ion Batteries with FeS <sub>2</sub> @C Nanocomposite Cathodes	Nanotechnology for Energy Harnessing	CP-S1-169	24-Mar-25	1	17:10 - 18:20	+91-8073523474	dhanuanjali98@gmail.com	Green home ladies , Argusnagar . Peelamedu, Coimbatore. 641004

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
170	Ms.SUBASHREE	Student	PSGR Krishnammal College for Women Coimbatore	ICONN-2025/0023	NiCo <sub>2</sub> O <sub>4</sub> /C as a cathode material for Zinc ion battery	Nanotechnology for Energy Harnessing	CP-S1-170	24-Mar-25	1	17:10 - 18:20	+91-6380181861	subashree146@gmail.com	1/79-73 Periyar Street , Muthiahpuram , Tuticorin - 628005
171	Mr.AJAIKRISHNAN	Student	Central University of Kerala	ICONN-2025/0028	Optimization of β-Phase in Polyvinylidene Fluoride (PVDF) via Cold Quenching: A Novel Approach for Enhanced Piezoelectric Performance	Nanotechnology for Energy Harnessing	CP-S1-171	24-Mar-25	1	17:10 - 18:20	+91-8606178119	ajai Krishnan.842@gmail.com	Pranavam, Kottavattom PO, Punalur, Kerala
172	Ms.RENUKA DEVI RAVI	Student	SIMATS ENGINEERING	ICONN-2025/0048	Facile Synthesis and Characterization of Zinc Molybdate as High-performance Coin Cell Supercapacitor	Nanotechnology for Energy Harnessing	CP-S1-172	24-Mar-25	1	17:10 - 18:20	+91-9025249929	renuravi2710@gmail.com	SIMATS ENGINEERING
173	Mr.ARUN	Student	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0051	Complete Conversion of Ni Foam to Ni <sub>3</sub> S <sub>2</sub> Using Diverse Sulfur Sources with a Freestanding PPy Binder-Free Hybrid Electrode for Improved High Energy Density Asymmetric Supercapacitors	Nanotechnology for Energy Harnessing	CP-S1-173	24-Mar-25	1	17:10 - 18:20	+91-8870110296	arunt@ssn.edu.in	Sri Sivasubramaniya Nadar College of Engineering, Kalavakkam - 603110
174	Mr.AJITH VARGHESE	Student	SRM Institute of science and technology	ICONN-2025/0122	Advancing Understanding of Photocatalytic Nitrate Reduction for Ammonia Synthesis: Copper Catalysts and Formic Acid Synergy	Nanotechnology for Energy Harnessing	CP-S1-174	24-Mar-25	1	17:10 - 18:20	+91-9745699807	ajithvarghese@gmail.com	Pulickal house, Moodakkolly po, 673592
175	Ms.SHAMEELA	Researcher	NIT CALICUT	ICONN-2025/0134	Synthesis and Characterization of AgVO <sub>3</sub> Perovskite for Supercapacitor Application	Nanotechnology for Energy Harnessing	CP-S1-175	24-Mar-25	1	17:10 - 18:20	+91-7510717887	shameelarabin@gmail.com	NIT CALICUT, KERALA
176	Ms.R.ASWINI	Student	Saveetha Institute of Medical And Technical Sciences (SIMATS Engineering), Chennai.	ICONN-2025/0136	Boosting Supercapacitor Efficiency with Bismuth Cobalt Oxide/g-C <sub>6</sub> N <sub>4</sub> Nanocomposites: A Step Towards Superior Energy Storage	Nanotechnology for Energy Harnessing	CP-S1-176	24-Mar-25	1	17:10 - 18:20	+91-9790155938	aswiniravi14@gmail.com	No-4/6, Reddi cross St, Sriperumbudur, Kancheepuram Dt- 602105
177	Ms.TAPASWINI SAHOO	Student	ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH,BHUBANE SWAR, ODISHA	ICONN-2025/0174	Effect of Iodine inclusion on the Photovoltaic performance of Tin Based Mixed Halide Perovskite Solar cell	Nanotechnology for Energy Harnessing	CP-S1-177	24-Mar-25	1	17:10 - 18:20	+91-6371067023	tskvs1@gmail.com	ORDNANCE FACTORY, BADMAL ,BOLANGIR , ODISHA
178	Mr.VIJAY KUMAR R	Student	Davangere University	ICONN-2025/0178	Green Synthesis of MgO/Pr nanoparticles for display application	Nanotechnology for Energy Harnessing	CP-S1-178	24-Mar-25	1	17:10 - 18:20	+91-7353493363	vijaykumarr987@gmail.com	Davangere University, Shivangotri, Davangere 577007
179	Ms.MEGHA KAMILYA	Student	Odisha University of Technology and Research	ICONN-2025/0182	A theoretical study on Photovoltaic performance of CsSnI <sub>3</sub> Based Perovskite Solar cell by using Niobium Pentoxide as the ETL	Nanotechnology for Energy Harnessing	CP-S1-179	24-Mar-25	1	17:10 - 18:20	+91-9090433546	meghakamilya3@gmail.com	Bidanasi, Cuttack
180	Ms.PUNYATOYA SAHU	Student	ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH BHUBANESWAR	ICONN-2025/0184	Simulation study of MAPbI <sub>3</sub> -based Perovskite Solar cell by employing CBTS as HTL layer.	Nanotechnology for Energy Harnessing	CP-S1-180	24-Mar-25	1	17:10 - 18:20	+91-7978211575	punyatoyasahu00@gmail.com	MINING COLONY WARD NO.3 BARIPADA PO/PS-BARIPADA , DISTRICT-MAYURBHANJ, ODISHA
181	Ms.S. POORNIMA PRIYADHARSHINI	Student	V.H.N Senthikumara Nadar College, Virudhunagar	ICONN-2025/0215	Electrochemical studies of nano NiMn <sub>2</sub> O <sub>4</sub> particles coated on nickel foam for high performance supercapacitor electrode applications	Nanotechnology for Energy Harnessing	CP-S1-181	24-Mar-25	1	17:10 - 18:20	+91-9952466705	poorni.vasan.25@gmail.com	2/1925/916D Vijaynagar , Aruppukottai
182	Dr.SHARMILA	Faculty	Vel Tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology	ICONN-2025/0221	Dielectric Analysis of Nickel doped Zinc Oxide Nanoparticles using Selenicereus undatus Fruit Extract	Nanotechnology for Energy Harnessing	CP-S1-182	24-Mar-25	1	17:10 - 18:20	+91-9500351571	sharmilas0217@gmail.com	Vel tech Rangarajan Dr Sagunthala R&D Institute of Science and Technology sharmilas0217@gmail.com
183	Mr.ARUN KUMAR SINGH	Student	IIT bombay	ICONN-2025/0225	Designing of Surface Tailored Vanadium Oxide Nanoparticles for High-Performance Li-ion Supercapacitors	Nanotechnology for Energy Harnessing	CP-S1-183	24-Mar-25	1	17:10 - 18:20	+91-8077480438	kumar120arun@gmail.com	IIT Bombay

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184	Ms.ANANDI DHILLI	Student	SRMIST	ICONN-2025/0257	Synergistic Interaction of Bi <sub>2</sub> WO <sub>6</sub> /SnS <sub>2</sub> Nanocomposite for Efficient Photocatalytic Hydrogen Generation	Nanotechnology for Energy Harnessing	CP-S1-184	24-Mar-25	1	17:10 - 18:20	+91-8639559959	ad4396@srmist.edu.in	Potheri, Chennai
185	Mr.HANSON CLINTON D SOUZA	Student	SRM Institute of Science and Technology	ICONN-2025/0288	Enhanced Photo and electrocatalytic hydrogen production through optimized charge transfer pathways in ternary low-dimensional nanostructures	Nanotechnology for Energy Harnessing	CP-S1-185	24-Mar-25	1	17:10 - 18:20	+91-9902119544	hd1059@srmist.edu.in	Kattankulathur 603203 Chengalpattu district, Tamil Nadu, India
186	Dr.PRABU N	Faculty	SRM Institute of Science and Technology, Trichy	ICONN-2025/0307	Aluminium doped sodium zirconium phosphosilicate (Al-NASICON) with high ionic conductivity as solid electrolyte for Na ion Batteries	Nanotechnology for Energy Harnessing	CP-S1-186	24-Mar-25	1	17:10 - 18:20	+91-9443656348	prabun1@srmist.edu.in	Division of Chemistry, School of Sciences, Faculty of Engineering and Technology, SRMIST, Trichy
187	Dr.GEETHANJALI	Student	SRM Institute of Science and Technology	ICONN-2025/0010	Effect of Pre- and Post-Operative Application of Nano-Hydroxyapatite Toothpaste on Tooth Sensitivity and Color Change Following Laser-Assisted In-Office Vital Bleaching: A Split Mouth Randomized Controlled Clinical Trial	Nanotoxicology and Nanomedicine	CP-S1-187	24-Mar-25	1	17:10 - 18:20	+91-9345115493	adithigeethanjali@gmail.com	Bharathi Salai, Ramapuram, Chennai, Tamil Nadu 600089
188	Mr.ARUN KUMAR	Student	University of Madras	ICONN-2025/0123	Harnessing the Antifungal Potential of Copper Nanoparticles Against Aspergillus Fungi	Nanotoxicology and Nanomedicine	CP-S1-188	24-Mar-25	1	17:10 - 18:20	+91-8667813137	devendiranarunkumar31@gmail.com	12, Nakkeeran st, MGR Nagar, Nespakkam, Chennai - 78
189	Ms.AKHANSA SAHA	Student	Vels Institute of Science, Technology, and Advanced Studies (VISTAS)	ICONN-2025/0195	Formulation and Characterization of Quercetin-Loaded Liposomes for Enhanced Antioxidant Activity and Bioavailability	Nanotoxicology and Nanomedicine	CP-S1-189	24-Mar-25	1	17:10 - 18:20	+91-7825879042	akhansasaha06@gmail.com	Plot No. 2A, G-Floor, Vasantham Nagar, RKV Avenue, Zamin Pallavaram, Old Pallavaram, Chennai,
190	Mr.SHANMUKH CHAGANTIPATI	Student	Vignan Foundation For Science ,Technology & Research	ICONN-2025/0390	Chloramphenicol Induced Oxidative Stress: A key player in Eisenia fetida	Nanotoxicology and Nanomedicine	CP-S1-190	24-Mar-25	1	17:10 - 18:20	+91-9494107474	chagantipatishanmukh9@gmail.com	5_6,Korlamanda,Krishna District ,Andhra Pradesh,521214
191	Ms.REETHIKA LAKSHMI JALLEDA	Student	Vignan foundation for science, technology and research	ICONN-2025/0392	Assessing Oxidative Stress as Biomarkers of Glyphosate Toxicity on Eisenia Fetida	Nanotoxicology and Nanomedicine	CP-S1-191	24-Mar-25	1	17:10 - 18:20	+91-8885011122	reethikajallede@gmail.com	19-3-81, sangadigunta, guntur District, Andhra Pradesh 522003
192	Mr.ATHUL ANAND	Student	APJ Abdul Kalam Technological University	ICONN-2025/0119	Investigating the Tribological and Triboelectric Characteristics of Musa paradisiaca Linn Pseudostem Derived Activated Carbon	Nanotribology	CP-S1-192	24-Mar-25	1	17:10 - 18:20	+91-8078317658	athulanand01@gmail.com	Palassery H Chundambatta P Kulukallor Via Palakkad
193	Mr.ARULKUMAR MUNIYAPPAN	Faculty	Sri Venkateswara College of Engineering	ICONN-2025/0236	Investigation on Tribological Characterization of Chitosan-Magnesium Chloride Coated UHMWPE for Orthopedic Applications	Nanotribology	CP-S1-193	24-Mar-25	1	17:10 - 18:20	+91-9488990085	arul Kumar@svce.ac.in	Assistant Professor, Department of Mechanical Engineering, Sri Venkateswara College Of Engineering, Pennalur, Sriperumbudur
194	Mr.RAMAKRISHNA	Student	SRM institute of science and technology	ICONN-2025/0842	Rheological investigation on citric acid cross-linked Carboxymethyl cellulose/Polyethylene glycol hybrid hydrogel for biomedical application	Nanotribology	CP-S1-194	24-Mar-25	1	17:10 - 18:20	+91-6383609572	r19621@srmist.edu.in	no 40, kumaran nagar, sevvaipet road, thiruvallur district 602025
195	Mr.SYED ABUBACKER SIDDIQUE	Student	SRM Institute of Science and Technology	ICONN-2025/0499	Enhancing the Charging Performance of Many-Body Quantum Batteries through Landau-Zener Driving	Quantum Information Processing	CP-S1-195	24-Mar-25	1	17:10 - 18:20	+91-9710032362	syedabubacker94@gmail.com	1/222 Avvaiyar street, Ramji nagar, Naduveerappatu, Chennai - 600133.
196	Dr.AMARNATH TM	Researcher	THE BOMBAY TEXTILE RESEARCH ASSOCIATION	ICONN-2025/0206	Enhanced Graphene Integration on Polypropylene via PECVD-Deposited Silane Coatings	Surfaces	CP-S1-196	24-Mar-25	1	17:10 - 18:20	+91-9043560012	amar4active@gmail.com	PLASMA RESEARCH LABORATORY, THE BOMBAY TEXTILE RESEARCH ASSOCIATION, GHATKOPAR MUMBAI-86

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
197	Ms.KRISHNAPRIYA	Student	SRM Institute of Science and Technology	ICONN-2025/0252	Intercalation of chiral molecules on Transition metal dichalcogenides	Surfaces	CP-S1-197	24-Mar-25	1	17:10 - 18:20	+91-6382823486	kr6008@srmist.edu.in	plot no 55, Kanchi nagar extension 2, sathavaram road, Orikkai, Little kanchipuram, Kanchipuram 631 510
198	Dr.RAVAL DHARA VASANTKUMAR	Researcher	IIT Bombay	ICONN-2025/0468	Catechol molecule detection through penta-NiN2 nanosheet: A first principles investigation	Surfaces	CP-S1-198	24-Mar-25	1	17:10 - 18:20	+91-9723024976	dhararaval9496@gmail.com	Dept. of MEMS, IIT Bombay, Maharashtra, India
199	Mr.PRINCE WESLEY VANARAJ	Researcher	SRM Institute of Science and Technology	ICONN-2025/0585	Microstructural Characterization and Corrosion Behavior of AlFeCoNiMn High-Entropy Alloy in NaCl Solutions	Surfaces	CP-S1-199	24-Mar-25	1	17:10 - 18:20	+91-7358177445	wesleyprince@gmail.com	RRP 614, SRM Institute of Science & Technology, Kattankulathur, Tamilnadu 603203
200	Mr.PRASANTH	Student	SRMIST Kattankulathur	ICONN-2025/0797	Portable Electrochemical System for Real time Detection Of Tartrazine And Sunset Yellow From Food Samples	Surfaces	CP-S1-200	24-Mar-25	1	17:10 - 18:20	+91-7025758046	pp3035@srmist.edu.in	BMRL, Room No 809, C V Raman research park, SRMIST, Kattankulathur, Potheri
1	Ms.BHAVANI SANKARAN	Student	SRM Institute of science and technology, Kattankulathur	ICONN-2025/0425	Synergistic Effects of Cu and Co in BTC MOF for High-Performance Supercapacitors	2D materials	CP-S2-001	25-Mar-25	2	12:00 - 13:00	+91-9361293480	bs6583@srmist.edu.in	No.7, Gangai Amman Kovil Street, Kattankulathur, Chengalpattu District, 603203
2	Mr.VENKATESWARAN	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR	ICONN-2025/0429	Exploring the Role of Organic Linkers in Tailoring the Supercapacitor Performance of Ni-MOFs	2D materials	CP-S2-002	25-Mar-25	2	12:00 - 13:00	+91-7010900830	vk7219@srmist.edu.in	3-29, EAST STREET, VADAKUDI, THIRUVATHIRAIMANGALAM, THIRUVARUR DISTRICT, 610101
3	Mr.PRASANTH .S	Researcher	SRM Institute of Science and Technology, kattankulathur .	ICONN-2025/0435	High-efficient FeP decorated vanadium carbide MXene (V2CTx) catalysts	2D materials	CP-S2-003	25-Mar-25	2	12:00 - 13:00	+91-9159758938	ps7479@srmist.edu.in	No:2/108B .west street, Veerakkan, Ariyalur-621806.
4	Ms.DIVYABHARATHI .S	Researcher	SRM Institute of Science and Technology, Kattankulathur.	ICONN-2025/0436	High-performing NiMn metallic alloyed nanoparticles decorated 2D MXene electrocatalysts for conversion of furfural into fuels	2D materials	CP-S2-004	25-Mar-25	2	12:00 - 13:00	+91-7094958508	ds9297@srmist.edu.in	No: 13 ,52nd Avenue DAE township ,Kalpakkam- 603102
5	Ms.BHAVANI SANKARAN	Student	bs4493	ICONN-2025/0445	Biocompatible Nanofibrous Wound Dressings with Vetiver Components: Fabrication, Characterization and In Vitro Evaluation	2D materials	CP-S2-005	25-Mar-25	2	12:00 - 13:00	+91-7358663327	bs4493@srmist.edu.in	Gangai amman kovil street, Kattankulathur
6	Ms.ANU PRIYA SRI SANKAR	Student	SRM University	ICONN-2025/0452	ELECTROSPUN POLY-E-CAPROLACTONE/GELATIN NANOFIBROUS MATS IMPREGNATED WITH CARROT SEED OIL – A COMPREHENSIVE STUDY ON CHARACTERIZATION AND ANTIBACTERIAL POTENTIAL	2D materials	CP-S2-006	25-Mar-25	2	12:00 - 13:00	+91-9585120813	sz3228@srmist.edu.in	NO 85 kalaivani nagar 2nd street , vallancherry, guduvancherry, chengalpattu
7	Mr.ASHOK KUMAR. K	Student	SRM Institute of Science and Technology, Kattankulathur.	ICONN-2025/0464	Hydrothermal Synthesis of Rare Earth Doped Mn2O3 @ MoS2 for Supercapacitor Application	2D materials	CP-S2-007	25-Mar-25	2	12:00 - 13:00	+91-7904787608	ak1559@srmist.edu.in	No: 15 Perumal Kovil Street, Bootheri village, Walajabad, Kancheepuram-631604
8	Mr.THINGUJAM YAIPHALEMBAMEITEI	Student	SRMIST	ICONN-2025/0473	Dynamic Conductance of Chiral Molecular Junctions: A First-Principles Study	2D materials	CP-S2-008	25-Mar-25	2	12:00 - 13:00	+91-7005706277	Thyaip@gmail.com	Thiongju Nameirakpam Leikai
9	Mr.CALVIN PRAKASH RAJ M	Student	SASTRA DEEMED UNIVERSITY	ICONN-2025/0483	Electrical Conductivity of 2-Dimensional MXene inks	2D materials	CP-S2-009	25-Mar-25	2	12:00 - 13:00	+91-7826969486	calvin8647@gmail.com	3/242-2, Road street ,South Irungalur, Tiruchirappalli Dt 621105
10	Mr.LOGAMITHRAI D	Researcher	SRMIST	ICONN-2025/0487	Synthesis of Bismuth oxyhalides BiOX, BiOXO3 Photocatalyst	2D materials	CP-S2-010	25-Mar-25	2	12:00 - 13:00	+91-9176945780	ld0423@srmist.edu.in	No:129, second cross street ,Samraj nagar, Sembakkam ,Chennai -73
11	Ms.PREETHU SATHEESH	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0488	Enhanced near-infrared photoresponse from vertically oriented MoS2 through direct growth on a surface-textured Si and van der Waals graphene contact	2D materials	CP-S2-011	25-Mar-25	2	12:00 - 13:00	+91-7594889616	preethu1096@gmail.com	206, 2D Materials and Devices Laboratory C V Raman Research Park, SRMIST, Kattankulathur.

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
12	Ms.KAVIYA KUMARESH	Researcher	SRMIST KTR	ICONN-2025/0489	Thermal Conductivity of 2D Superionic Conductor: AgCrS <sub>2</sub>	2D materials	CP-S2-012	25-Mar-25	2	12:00 - 13:00	+91-8300265895	kk2250@srmist.edu.in	SRMIST KTR
13	Mr.ARDHENDU DEY	Student	SRM Institution of Science and Technology	ICONN-2025/0493	Spinterfacial effect on transport properties due to molecular adsorption: A first-principles study	2D materials	CP-S2-013	25-Mar-25	2	12:00 - 13:00	+91-8116520055	ad9587@srmist.edu.in	Bhuban Roy Lane, Rathtala, Namopara, Purulia-723103
14	Ms.ANITHA CHRISTY	Student	SRMIST	ICONN-2025/0495	Air Filtration Using Electrospun Nanofibers: A Solution to Modern Pollution Challenges	2D materials	CP-S2-014	25-Mar-25	2	12:00 - 13:00	+91-7339229910	aa4878@srmist.edu.in	8/673, Udaiyar street, Kattakkudi, Mannargudi, Thiruvavur
15	Dr.T KALAIVANI SENTHIL KUMAR	Faculty	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0511	Investigation of nickel-doped Co <sub>3</sub> O <sub>4</sub> nanoparticles as photocatalyst for the degradation of methylene blue dye	2D materials	CP-S2-015	25-Mar-25	2	12:00 - 13:00	+91-9486257028	kalaivat@srmist.edu.in	Department of Physics and Nanotechnology, SRM Institute of Science & Technology
16	Ms.SHANTHI	Student	SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India.	ICONN-2025/0513	Investigation of third-order non-linear optical properties and optical limiting efficiency of Bi <sub>2</sub> WO <sub>6</sub> /MoS <sub>2</sub> Nanocomposites	2D materials	CP-S2-016	25-Mar-25	2	12:00 - 13:00	+91-8098495849	sshanthidominic@gmail.com	A-Block- 408, Green pearl apartments, Potheri, Chengalpattu (Dt), Tamil Nadu. 603203
17	Ms.JENITHA	Student	SRM UNIVERSITY	ICONN-2025/0520	Advancing Zinc-Ion Batteries: Enhancing Cathode Performance through Ion Intercalation	2D materials	CP-S2-017	25-Mar-25	2	12:00 - 13:00	+91-8015280540	jm6957@srmist.edu.in	NO 4/6, VINOBA NAGAR, 10TH STREET, TONDIARPET, CHENNAI-81
18	Mr.HARIPRASAD V N	Student	SRM Institute of Science and Technology	ICONN-2025/0524	High-Performance Self-Powered White Light Detector Using Work Function Modulated Self-Assembled Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene/Si Heterojunction for Indoor Wireless Networking	2D materials	CP-S2-018	25-Mar-25	2	12:00 - 13:00	+91-9539850014	haddepa@gmail.com	6th FLOOR, CV RAMAN RESEARCH PARK
19	Ms.HRIDHYA VINOD	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0533	Predicting the formation of high-entropy oxides using Machine Learning	2D materials	CP-S2-019	25-Mar-25	2	12:00 - 13:00	+91-7736218371	hv6683@srmist.edu.in	Arayannur (H.O) , Karayad (P.O) , Meppayur , Kozhikode 673524
20	Ms.HANSIKA VARDHINI N	Student	SRM Institute of Science and Technology	ICONN-2025/0554	Understanding the Switching Behaviour of Hybrid Improper Ferroelectricity of Ca <sub>3</sub> Mn <sub>2</sub> O <sub>7</sub>	2D materials	CP-S2-020	25-Mar-25	2	12:00 - 13:00	+91-8056146938	vard22ini@gmail.com	205A Solaimman Koil Street Thiruvalluvar nagar Ayanavaram
21	Mr.YADHU KRISHNAN S	Student	SRM UNIVERSITY	ICONN-2025/0569	Synthesis and Characterization of Pure PVA and Doped ZnO&TiO <sub>2</sub> by Solution Casting Method and Their Enhancement UV-Blocking Packaging Application	2D materials	CP-S2-021	25-Mar-25	2	12:00 - 13:00	+91-7902463346	yk3308@srmist.edu.in	PUNNOLI THAZHA KUNYIL (H),PERODE (PO), NADAPURAM (VIA),673504,KOZHICKODE
22	Ms.DIVYADHARSHINI SATHEESH	Student	SRM Institute of Science and Technology	ICONN-2025/0571	Synergistic Effect of VS <sub>2</sub> and Ag <sub>3</sub> PO <sub>4</sub> Composite Catalysts for Efficient and Stable Hydrogen Evolution Reaction	2D materials	CP-S2-022	25-Mar-25	2	12:00 - 13:00	+91-9566026730	sdivyadharshini2223@gmail.com	SRM UNIVERSITY KATTANGULATHUR, Chengalpattu
23	Mr.KARTHICK LOGANATHAN	Student	SRM University	ICONN-2025/0583	Surface nanoimprinted TiO <sub>2</sub> thin films on polycarbonate substrates for UV blocking	2D materials	CP-S2-023	25-Mar-25	2	12:00 - 13:00	+91-6382939613	kl2577@srmist.edu.in	164,14th east cross st MKB nagar chennai
24	Mr.CHERIYAN JOHN	Student	Christ(demeed to be university), Bengaluru	ICONN-2025/0608	Architecture of V <sub>2</sub> CTx MXene@NiCo-MOF hybrid nanostructures for supercapacitor studies.	2D materials	CP-S2-024	25-Mar-25	2	12:00 - 13:00	+91-8921648176	cheriyanjohn33@gmail.com	anjilimootil(H) mammoood p.o changanaserry
25	Ms.INDUMATHI	Student	SRM Institute of Science and Technology	ICONN-2025/0621	Ultra-Thin 2D/2D Material Heterojunction for Next-Generation Solar Cells	2D materials	CP-S2-025	25-Mar-25	2	12:00 - 13:00	+91-8072012982	ie3948@srmist.edu.in	11/5, Keelvellalar Street, Mecheri, Mettur (TK), Salem (DT) - 636453.
26	Ms.B.LEENA	Student	SRM Institute of Science and Technology	ICONN-2025/0636	Synergistic enhancement of electrocatalytic hydrogen evolution reaction for BaTiO <sub>3</sub> /rGO composites	2D materials	CP-S2-026	25-Mar-25	2	12:00 - 13:00	+91-7550165213	bleena191@gmail.com	No.4/16, Thirupur kumaran street, NGO Colony, Srinivasapuram, Guduvancheri

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27	Mr.SAATVIK SHASHANK SHRIVASTAVA	Student	S.R.M Institute of Science and Technology Kattankulathur	ICONN-2025/0337	Ab-initio Study on Transition Elements (Cr, Mb, W) Doped Graphene Nanoribbon for Effective Detection of Toxic Non-Metallic Gas Molecules	Computational Materials	CP-S2-027	25-Mar-25	2	12:00 - 13:00	+91-9823371102	ss5372@srmist.edu.in	Flat no: A206, Newry Shrenika, Jayachandran Nagar, Pallikaranai, CHennai 600100
28	Mr.KALURU ANIRUDH	Student	S.R.M. Institute Of Science and Technology	ICONN-2025/0338	First principle study on transition metal adsorbed silicene nanoribbon for probing highly toxic gas and volatile organic compounds.	Computational Materials	CP-S2-028	25-Mar-25	2	12:00 - 13:00	+91-8455050970	ka9890@srmist.edu.in	Kelambakkam - Vandalur Road, Mambakkam, Tamil Nadu, 600127
29	Mr.SURYA.S	Researcher	SRM Institute of Science and Technology ,kattankulathur.	ICONN-2025/0374	Tailored Surface Functionalization of Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXenes for High-Performance Biomarker Sensing: A DFT Study	Computational Materials	CP-S2-029	25-Mar-25	2	12:00 - 13:00	+91-9677697427	suryasd041@gmail.com	653A NEW STREET R.M.I NAGAR PUDUPATTINAM KALPAKKAM
30	Ms.NIRALI NARENDRA UDANI	Student	Saurashtra University	ICONN-2025/0396	Comparative Analysis of Mechanical Properties of ZnCr <sub>2</sub> O <sub>4</sub> Using Different Equations of State Models	Computational Materials	CP-S2-030	25-Mar-25	2	12:00 - 13:00	++91-9664739693	niralinarendraudani@gmail.com	B -102 Spring height Apartment,2/4 Patel colony opp Anand Bagh Jamnagar Gujarat 361008
31	Ms.RENUKA BALAMURALI	Student	SRMIST	ICONN-2025/0419	ADME/T Profiling and Correlation Analysis using Machine Learning for Juvenile and Rheumatoid Arthritis Syndromes	Computational Materials	CP-S2-031	25-Mar-25	2	12:00 - 13:00	+91-6374664041	renuka10bs@gmail.com	SRM,NAGAR , TRICHY
32	Ms.VIVEKA	Student	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu Dt., Chennai 603 203.	ICONN-2025/0428	Comparative Study of Gas Adsorption on Monolayer and Bilayer MoSe <sub>2</sub> : A DFT Study	Computational Materials	CP-S2-032	25-Mar-25	2	12:00 - 13:00	+91-9080788755	vn4146@srmist.edu.in	18/15 Pidari Amman Kovil Street, Ammapettai, Salem 636003.
33	Ms.ARPITA KTR MUKHERJEE	Researcher	Student	ICONN-2025/0498	Engineering electronic and magnetic property of h-CrN(001)/h-Co heterostructure using different interfaces - A First Principle study	Computational Materials	CP-S2-033	25-Mar-25	2	12:00 - 13:00	+91-8617280214	am6213@srmist.edu.in	POTHERI, SRM NAGAR, KATTANKULATHUR, TAMIL NADU - 603203
34	Mr.AKASH	Student	SRM Institute of Science and Technology	ICONN-2025/0531	VOC adsorption on H/OH edge terminated armchair silicene nanoribbon: an Ab initio study	Computational Materials	CP-S2-034	25-Mar-25	2	12:00 - 13:00	+91-9786461262	ar9024@srmist.edu.in	4/110,MRF Tyres showroom back side, Karur main road,Pettavaihalai
35	Mr.MUTHUKUMARAN	Student	MOHAMED SATHAK AJ COLLEGE OF ENGINEERING	ICONN-2025/0537	Comparative investigation of structural, electronic, magnetic and optical properties of Pb3Pr and Pr3Pb using FP-LAPW method	Computational Materials	CP-S2-035	25-Mar-25	2	12:00 - 13:00	+91-9786048921	bsriakshay1013@gmail.com	PLOT NO.3, NANJIL NAGAR, PUZHUTHIVAKKAM, CHENNAI
36	Ms.NITHYA SHREE	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR	ICONN-2025/0578	Biaxial strain engineering on enhancing the electronic properties of Janus MoS <sub>2</sub> monolayer for gas sensing application: A DFT investigation.	Computational Materials	CP-S2-036	25-Mar-25	2	12:00 - 13:00	++91-9150671017	na6388@srmist.edu.in	Kattankulathur campus, Chengalpattu district.
37	Ms.GOWSALYA	Researcher	SRM University	ICONN-2025/0601	First principles studies on	Computational	CP-S2-037	25-Mar-25	2	12:00 - 13:00	+91-8428965848	gr0350@srmist.edu.in	712, Raman research park, SRM
38	Mr.ASWINKRISHNA	Student	SRMIST	ICONN-2025/0465	Exploration of Hydroxide Based Materials as Electrode Material for Electrochemical Watersplitting	Environmental Nanotechnology	CP-S2-038	25-Mar-25	2	12:00 - 13:00	+91-7510956716	Soberplastic@gmail.com	Poolakkaparambu,Ottapalam,Yas hika Palakkad , Kerala
39	Ms.NITYANUTAN MOHAPATRA	Student	KIIT-DU	ICONN-2025/0575	Waste to Watt: Activated Carbon in Aqueous Electrolyte Systems for Sustainable Energy Solutions	Environmental Nanotechnology	CP-S2-039	25-Mar-25	2	12:00 - 13:00	+91-9337206386	2381155@kiit.ac.in	KIIT-DU, KIIT Rd., Patia, Bhubaneswar,PIN-751024
40	Ms.MAHIDA	Student	KSCSTE-Kerala Forest Research Institute	ICONN-2025/0612	Synthesis of zeolite using silica extracted from bamboo leaves	Environmental Nanotechnology	CP-S2-040	25-Mar-25	2	12:00 - 13:00	+91-9743949288	mahidamanikandan98@gmail.com	PhD Scholar, Department of Soil Science, KSCSTE-Kerala Forest Research Institute, Peechi, Thrissur, Pin: 680653

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41	Dr.G. BAKIYARAJ GANESHAMOORTHY	Faculty	SRM Institute of Science and Technology	ICONN-2025/0745	Ca-BiVO <sub>4</sub> /AgFeO <sub>2</sub> heterostructure for the photooxidation of Ciprofloxacin	Environmental Nanotechnology	CP-S2-041	25-Mar-25	2	12:00 - 13:00	+91-9003227081	bakiyarg@srmist.edu.in	Associate Professor, Department of Physics and Nanotechnology, SRM IST, Kattankulathur, India.
42	Mr.YOGESWARAN	Student	SRM university	ICONN-2025/0846	Correlation between CAPE (Convective Available Potential Energy) and lightning over the Indian southern peninsular region.	Environmental Nanotechnology	CP-S2-042	25-Mar-25	2	12:00 - 13:00	+91-9789150211	ys9716@srmist.edu.in	5/1,reddiyar street,athur,chengalpattu
43	Mr.ASHOK SANKAR	Student	SRM University	ICONN-2025/0262	Ni-Doped Fe <sub>3</sub> O <sub>4</sub> @C: Electrocatalyst for Efficient Hydrogen and Oxygen Evolution through Water Splitting Under Alkaline Condition	Green Nanotechnology and Water Treatment	CP-S2-043	25-Mar-25	2	12:00 - 13:00	+91-9962989798	as0015@srmist.edu.in	SRMIST
44	Ms.MRIGANKI SINGH	Researcher	SRMIST	ICONN-2025/0295	Selective Vanadium Etching and In-situ formation of -Bi <sub>2</sub> O <sub>3</sub> on m-BiVO <sub>4</sub> with g-C <sub>3</sub> N <sub>4</sub> Nanosheets for Photocatalytic Degradation of Antibiotic Tetracycline	Green Nanotechnology and Water Treatment	CP-S2-044	25-Mar-25	2	12:00 - 13:00	+91-6398118126	ms0198@srmist.edu.in	ESQ-B hostel, SRMIST
45	Ms.RAVEENA P V	Researcher	SRM Institute of science and Technology	ICONN-2025/0494	Boosted Hydrogen-Evolution of Doped Strontium Titanate Photocatalysts	Green Nanotechnology and Water Treatment	CP-S2-045	25-Mar-25	2	12:00 - 13:00	+91-9562851133	rp2809@srmist.edu.in	Flat no. E5, BuildTech Greens, Kadamkode, Palakkad
46	Dr.REKHA PACHAIAPPAN	Researcher	UNIVERSITY OF CHILE	ICONN-2025/0496	Fabrication and characterization of solar active conducting polymer based heterojunction nanocomposite for the energy and environmental applications	Green Nanotechnology and Water Treatment	CP-S2-046	25-Mar-25	2	12:00 - 13:00	+91-9840541091	rekha.ap@gmail.com	ENERGY CENTRE, FCFM, UNIVERSITY OF CHILE, SANTIAGO
47	Mr.KARTHIK D R	Researcher	SRMIST	ICONN-2025/0539	Construction of type II ZnBi <sub>2</sub> O <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> heterojunction photocatalysis for efficient H <sub>2</sub> production and RhB degradation	Green Nanotechnology and Water Treatment	CP-S2-047	25-Mar-25	2	12:00 - 13:00	+91-8754374110	kd4849@srmist.edu.in	710UB SRMIST KATANKULATUR
48	Ms.MERJIA K S	Student	SRM IST KATTANKULATHUR	ICONN-2025/0568	Enhanced adsorptive removal of nanoplastics from water using magnetic reduced graphene oxide-layered double hydroxide hybrid	Green Nanotechnology and Water Treatment	CP-S2-048	25-Mar-25	2	12:00 - 13:00	+91-9497418581	mk7579@srmist.edu.in	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY KATTANKULATHUR TAMILNADU
49	Ms.SUVETHAA	Student	Lady Doak College	ICONN-2025/0645	ZnO-Surfaced Carboxymethyl Cellulose-Sodium Alginate-Guar Gum Composite Hydrogel Films for Solar-Responsive Reactive Textile Dye Degradation	Green Nanotechnology and Water Treatment	CP-S2-049	25-Mar-25	2	12:00 - 13:00	+91-6382364073	23pche18@ldc.edu.in	10/7, Velayuthanadar compound,Kamaraj Nagar,Vilathikulam, thoothukudi district
50	Ms.SNEHAL MAHADEV BODHALE	Student	SRM Institute of Science and Technology, Kattankulathur,India	ICONN-2025/0261	Hetrostructures based on 2-D materials and halide double perovskite	Interfaces and Thin films	CP-S2-050	25-Mar-25	2	12:00 - 13:00	+91-9175329942	sb8368@srmist.edu.in	House No25, Near Bank Of Maharashtra, Shalechi Galli, Khadakewada, Tal: Kagal, Dist: Kolhapur, Maharashtra
51	Prof.BHARAT R. KATARIA	Faculty	Saurashtra University	ICONN-2025/0351	Photo-Responsive Behaviour of LCMGO Thin Films: A Pathway to Advanced Optoelectronics	Interfaces and Thin films	CP-S2-051	25-Mar-25	2	12:00 - 13:00	+91-9428015023	brkataria2508@gmail.com	Department of Nanoscience and Advanced Materials, Saurashtra University, Rajkot-360005
52	Mr.ANIRUDH	Student	DIAT, Pune	ICONN-2025/0362	THE SYNERGISTIC EFFECTS ON MECHANICAL AND HYDROPHOBIC PROPERTIES OF H-BN INCORPORATED EPOXY-PDMS NANOCOMPOSITE SELF-CLEANING COATINGS FOR DEFENCE APPLICATIONS	Interfaces and Thin films	CP-S2-052	25-Mar-25	2	12:00 - 13:00	+91-7200363235	anirudh2396@gmail.com	19-G, Govardhana flats, 27th street Nanganallur, Chennai, 600061

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53	Ms.A. SAKSHI JOSHI	Student	Ethiraj College for Women, University of Madras	ICONN-2025/0364	Modulating the structural and optical properties of TZO:GO/rGO thin films for potential photoanodes.	Interfaces and Thin films	CP-S2-053	25-Mar-25	2	12:00 - 13:00	+91-9790942272	sakshi.95.sj@gmail.com	Department of Physics, Ethiraj College for Women, Chennai-08
54	Dr.UDHAYAKUMAR	Researcher	Indian Institute of Technology Guwahati	ICONN-2025/0409	RF Sputtered SrTiO <sub>3</sub> Thin Films for Cryogenic Applications at Microwave Frequencies	Interfaces and Thin films	CP-S2-054	25-Mar-25	2	12:00 - 13:00	+91-9047362676	udhayauk011@md.iitg.ac.in	Department of Physics, IIT Guwahati, Assam - 781039
55	Ms.AARIFA M	Student	SRM Institute of Science and Technology	ICONN-2025/0448	Terahertz generation through organic and Piezoelectric 2-Amino 4-methylpyridinium 4-nitrophenolate 4-nitrophenol Nonlinear Optical Single Crystal	Interfaces and Thin films	CP-S2-055	25-Mar-25	2	12:00 - 13:00	+91-7904366917	am2167@srmist.edu.in	Department of Physics and Nanotechnology, SRMIST
56	Ms.SHUBHA	Researcher	SRM	ICONN-2025/0451	PVDF Thin Film: A Nanoindentation Study	Interfaces and Thin films	CP-S2-056	25-Mar-25	2	12:00 - 13:00	+91-6382834329	sa8459@srmist.edu.in	2/132, Aruvankadu, Kosavampalayam, Ramapuram (po), Tiruchengodu (tk), Namakkal dt
57	Mr.JOBIN JOY GI	Student	SRM IST, Kattankulathur	ICONN-2025/0474	probing the charge dynamics in inorganic nanofiller(WO <sub>3</sub> )-organic polymer(PANI/PVA) composite film at and above room temperature	Interfaces and Thin films	CP-S2-057	25-Mar-25	2	12:00 - 13:00	+91-9445741517	kg8354@srmist.edu.in	25/137/1, Manjathoppu, kollemcode, Kanyakumari District , Tamil Nadu
58	Mr.SARAN NARAYANASAMY	Researcher	SRM UNIVERSITY	ICONN-2025/0479	CuMnS/PVDF nanocomposites: Exploring Non-Ideal Capacitance and Charge Transport Mechanism	Interfaces and Thin films	CP-S2-058	25-Mar-25	2	12:00 - 13:00	+91-9047667975	c69558@srmist.edu.in	Kattankulathur Chengalpattu
59	Mr.ARAVIND S	Student	SRM Institute of Science and Technology	ICONN-2025/0481	Analysis of the fractional order electrical response of vanadium selenide- polyvinylidene fluoride-polyvinyl alcohol nanocomposite films through impedance spectroscopy	Interfaces and Thin films	CP-S2-059	25-Mar-25	2	12:00 - 13:00	+91-6381935800	as2137@srmist.edu.in	57, Varadharaja Nagar, Perumattalur, Guduvancheri
60	Mr.HARIPRASATH	Student	CSIR - Central Electro Chemical Research Institute, Karaikudi - 630003	ICONN-2025/0517	Polymer-derived Silicon Carbide Coatings for Enhanced Wear Resistance and Mechanical Stability	Interfaces and Thin films	CP-S2-060	25-Mar-25	2	12:00 - 13:00	+91-7428739544	hari14062001@gmail.com	S/O V.Krishnan, Thirumurugan nagar, Rammagar, Devakottai, Sivagangai, Tamilnadu - 630302
61	Ms.STENNY BENNY	Researcher	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0545	Low-Temperature Incorporation of Selenium in Chalcogenide Solar Absorber Using a Greener Solvent	Interfaces and Thin films	CP-S2-061	25-Mar-25	2	12:00 - 13:00	+91-7012901900	stennybenny1995@gmail.com	C V Raman Research Park, SRM Institute of Science and Technology, Kattankulathur, Chennai
62	Mr.RAGHUL R S	Student	SRI VENKATESWARA COLLEGE OF ENGINEERING , SRIPERUMBUDUR	ICONN-2025/0287	Thermal conductivity of aqua-antifreeze solution suspended with Cobalt-doped Magnesium Oxide	Manipulation and Characterization of Materials at Nanoscale	CP-S2-062	25-Mar-25	2	12:00 - 13:00	+91-8122225849	raghulrs456@gmail.com	NO.64B/6 BALAAMBAL CHURCH STREET BHAVANI NAGAR AYAPAKKAM CHENNAI - 600077
63	Mr.PINKU RUDRA	Researcher	Kalyani University	ICONN-2025/0309	Formulation and characterization of intranasal baclofen A loaded solid lipid nanoparticle to combat ischemic reperfusion injury in rat model.	Manipulation and Characterization of Materials at Nanoscale	CP-S2-063	25-Mar-25	2	12:00 - 13:00	+91-8250954673	pinkurudra7@gmail.com	Vill-Gobindapur, PO-Kalinarayanapur, PS-Taherpur, DIST-Nadia, PIN-741254
64	Dr.JAYSUKH MARKNA	Faculty	SAURASHTRA UNIVERSITY RAJKOT	ICONN-2025/0336	Innovative Sonication-Hydrothermal Synthesis and Phase-Strain Analysis of $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Nanorods	Manipulation and Characterization of Materials at Nanoscale	CP-S2-064	25-Mar-25	2	12:00 - 13:00	+91-6352773788	jaysukh28@gmail.com	DEPARTMENT OF NANOSCIENCE AND ADVANCED MATERIALS, SAURASHTRA UNIVERSITY RAJKOT-360005 GUJARAT
65	Mr.DHARAVATH BALAGANESH	Student	OSMANIA UNIVERSITY	ICONN-2025/0421	Influence of Gd <sup>3+</sup> doping on structural, mechanical and dielectric properties of Ni-Zn ferrite prepared through sol-gel auto combustion method.	Manipulation and Characterization of Materials at Nanoscale	CP-S2-065	25-Mar-25	2	12:00 - 13:00	+91-9502006460	balaganesh6460@osmania.ac.in	2-26,JAGAN NAIK THANDA, VALLABHAPURAM,CHIVVE MLA,SURYAPET

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66	Mr.SAMANUAY J S	Student	SRM Institute of science and technology	ICONN-2025/0546	Synthesis and Characterization of Pure ZnO and Dopped ZnO By Sol-Gel Method and Their Enhancement of Photocatalytic Behaviour	Manipulation and Characterization of Materials at Nanoscale	CP-S2-066	25-Mar-25	2	12:00 - 13:00	+91-9895018253	sj9890@srmist.edu.in	Harichandanam ,Kuthuparamba ,Kannur,Kerala , India.
67	Ms.ARUNAPRABHA	Student	SRMIST KATTANKULATHUR	ICONN-2025/0251	Synergistic High-Entropy Oxide/Graphene Hybrids: Advancing energy and environmental remediation.	Multifunctional Nanomaterials	CP-S2-067	25-Mar-25	2	12:00 - 13:00	+91-8547616157	aa4317@srmist.edu.in	SRMIST KATTANKULATHUR CHENNAI 603203
68	Ms.DHARANI PRIYA P K	Researcher	Kumaraguru college of technology	ICONN-2025/0269	Influence of the Synthesis Methods on Structural, Magnetic and Corrosion Behaviour of Nickel Ferrite Coatings	Multifunctional Nanomaterials	CP-S2-068	25-Mar-25	2	12:00 - 13:00	+91-9498862340	dharanipriyapk679@gmail.com	Kumaraguru college of technology, Coimbatore
69	Ms.MADHUMETHRA GOVINDARAJ RAMASAMY	Student	University College of Engineering,Bharathidasan Institute of Technology Campus, Anna University,	ICONN-2025/0292	iRGD decorated Curcumin Magnetosomes induce potent apoptotic activity in breast cancer	Multifunctional Nanomaterials	CP-S2-069	25-Mar-25	2	12:00 - 13:00	+91-9003370688	rgmadhuphd@gmail.com	Department of Pharmaceutical Technology, University College of Engineering, Bharathidasan Institute of Technology Campus, Anna University, Tiruchirappalli - 620021
70	Dr.BUNGALA CHINNA JAMALAIHAH	Faculty	Rajeev Gandhi Memorial College of Engineering and Technology	ICONN-2025/0326	Study on structural and visible upconversion properties GdAl3(BO3)4: Er3+ phosphors	Multifunctional Nanomaterials	CP-S2-070	25-Mar-25	2	12:00 - 13:00	+91-9502702970	jamalaihbc@rgmcet.edu.in	Department of Physics, RGM CET, Nandyal 517501, Andhra Pradesh
71	Mr.ISMAIL SHAHIB M	Student	Visvesvaraya national instiute of technology	ICONN-2025/0355	Synthesis of MWCNTs and ferrous nanomaterials from spent toner powder in a bench-scale reactor: Influence of catalysts and operational variables	Multifunctional Nanomaterials	CP-S2-071	25-Mar-25	2	12:00 - 13:00	+91-9597031128	shahibismai97@gmail.com	Department of chemical Engineering, VNIT Campus, Ambazari, Nagpur, Maharashtra 440033
72	Ms.RESHMINA TONY A	Student	Ethiraj College for Women (Autonomous), Chennai.	ICONN-2025/0363	Impact of cerium doping on the structural, optical and photocatalytic properties of the Ni-Mg ferrite synthesized via the sol-gel auto combustion technique	Multifunctional Nanomaterials	CP-S2-072	25-Mar-25	2	12:00 - 13:00	+91-9489167146	reshminatony@gmail.com	10/23, Sait Colony second street, Egmore, Chennai-600008.
73	Ms.ASMIN MK	Student	SCT COLLEGE OF ENGINEERING	ICONN-2025/0383	Investigation of dielectric properties of Zinc oxide doped Barium titanate Ceramic Capacitors	Multifunctional Nanomaterials	CP-S2-073	25-Mar-25	2	12:00 - 13:00	+91-7025155193	asminshafin@gmail.com	SCT COLLEGE OF ENGINEERING,PAPPANAMC ODE
74	Mr.ANIRUDH SHARMA	Student	SRM UNIVERSITY DELHI-NCR, SONEPAT	ICONN-2025/0418	Tuning Dielectric and Transport Mechanisms in Bismuth Sodium Titanate via Fe and Sr Co-Doping	Multifunctional Nanomaterials	CP-S2-074	25-Mar-25	2	12:00 - 13:00	+91-9996762010	ahamed.vza@gmail.com	SRM UNIVERSITY DELHI-NCR, SONEPAT
75	Ms.TANVI HARESHBHAI DUDHAREJIYA	Student	Saurashtra University	ICONN-2025/0422	Structural and Microstructural Modifications in Dy <sub>1-x</sub> Pr <sub>x</sub> MnO <sub>3</sub> Perovskites: Influence of Pr Doping on Unit Cell Parameters, Bond Angles, and Stability	Multifunctional Nanomaterials	CP-S2-075	25-Mar-25	2	12:00 - 13:00	+91-9773144350	dudharejiyatanvi@gmail.com	1/104,light house Raiya road , Raiya gaam Rajkot, Gujarat 360005
76	Ms.MUSKAN	Student	SRM UNIVERSITY DELHI - NCR ,SONIPAT	ICONN-2025/0433	Tailoring Dielectric and Impedance Properties of Bismuth Sodium Potassium Titanate Ceramics through Yttrium and Strontium Doping	Multifunctional Nanomaterials	CP-S2-076	25-Mar-25	2	12:00 - 13:00	+91-9813340448	sharmamuskan3405088@gmail.com	SRM UNIVERSITY DELHI - NCR ,SONIPAT
77	Ms.KIRTI KAL KAL	Student	SRM University DELHI-NCR, Sonapat, Haryana-131029	ICONN-2025/0437	Impact of Yttrium and Cobalt Co-modification on the Microstructure and Dielectric Properties of PZT Ceramics	Multifunctional Nanomaterials	CP-S2-077	25-Mar-25	2	12:00 - 13:00	+91-7082154659	kirtikalkal66@gmail.com	VPO Baroda Mor, Gohana, Sonipat (Haryana) 131304

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
78	Mr.AKASH MARSALIN	Student	SRM Institute of Science and Technology	ICONN-2025/0449	Evolution of Fe <sub>3</sub> O <sub>4</sub> Mesocrystals from its Nanocluster for Synergistic Cancer Therapy: Magnetic Hyperthermia and pH-dependent Drug Release	Multifunctional Nanomaterials	CP-S2-078	25-Mar-25	2	12:00 - 13:00	+91-7402353535	am2025@srmist.edu.in	Ub 710, University building SRM IST, KTR campus
79	Ms.ATHIRA SURESH	Student	PSG Institute of Advanced Studies, Peelamedu,Coimbatore	ICONN-2025/0456	Bio-based Plastics with Superhydrophobic Coatings for quality food packaging	Multifunctional Nanomaterials	CP-S2-079	25-Mar-25	2	12:00 - 13:00	+91-9605786938	ash@psgias.ac.in	Kurungattu House Keezhillam PO Keezhillam Erakulam-683541,Kerala
80	Ms.GAAYATHRI	Student	Sri Venkateswara College of Engineering Sriperumbudur	ICONN-2025/0280	Fabrication of Chitosan-based porous scaffold nanostructures for bone tissue engineering applications	Nanobiotechnology	CP-S2-080	25-Mar-25	2	12:00 - 13:00	+91-9884484909	2021bt0359@svce.ac.in	18/27 SPS 3RD STREET ROYAPETTAH CHENNAI-600014
81	Ms.SULAKSHUNA	Student	Sri Venkateswara College of Engineering	ICONN-2025/0281	Fabrication of Chitosan-based porous scaffold nanostructures for bone tissue engineering applications	Nanobiotechnology	CP-S2-081	25-Mar-25	2	12:00 - 13:00	+91-9626998634	bsulakshuna@gmail.com	492/A, Kamar Street, K.N. Road, Gandhi Nagar, Vellore - 632006.
82	Ms.KEREN CELESTINA MENDONCE	Researcher	SRM University	ICONN-2025/0426	Sustainable Synthesis of Zinc Oxide Nanoparticles Using Catharanthus roseus: Cytotoxicity Assessment, Antioxidant, Antibacterial, and Antidiabetic Evaluation	Nanobiotechnology	CP-S2-082	25-Mar-25	2	12:00 - 13:00	+91-7358457782	km5394@srmist.edu.in	ESQ-B block, SRM hostels, SRM University, kattankulathur, Chennai -603203
83	Ms.DHARSINI NARAYANA MOORTHY	Student	Anna University	ICONN-2025/0447	The Role of Zn-BDC Metal-Organic Frameworks in Drug Delivery and its Fluorescent Properties	Nanobiotechnology	CP-S2-083	25-Mar-25	2	12:00 - 13:00	+91-9345330882	dharsini27nm@gmail.com	NO:18/5, Pachayappan street, Nesapakkam, Chennai - 78
84	Ms.D.HEMA	Student	Vellore Institute of Technology Chennai	ICONN-2025/0625	Mentha Spicata assisted silver nanoparticles for efficient wound healing and sustainable dye degradation	Nanobiotechnology	CP-S2-084	25-Mar-25	2	12:00 - 13:00	+91-8220985545	hema.2020@vitstudent.ac.in	police quarters melaikottaiyor kandigai vandalar kelambakkam road chennai
85	Dr.AISWARYA DEVI SEKAR	Student	ANNA UNIVERSITY	ICONN-2025/0701	Electrospun PVA/Nanoparticles Decorated Nanofibers with its enhanced Antibacterial and Cyto-Compatibility properties	Nanobiotechnology	CP-S2-085	25-Mar-25	2	12:00 - 13:00	+91-7904240177	saish.biotech@gmail.com	CHENNAI
86	Ms.DEEPIKA SINGH	Student	Indian Institute of Technology Roorkee	ICONN-2025/0726	Antimicrobial, Superhydrophobic, and Highly Transparent Nanocoatings for Glass Surfaces	Nanobiotechnology	CP-S2-086	25-Mar-25	2	12:00 - 13:00	+91-9045991108	d_singh@ph.iitr.ac.in	C-133, Kasturba Bhawan, IIT Roorkee, Roorkee Uttarakhand (Pin-247667)
87	Dr.SANJAY SINGH	Scientist	National Institute of Animal Biotechnology	ICONN-2025/0747	pH-responsive microcapsule-mediated selective delivery of nanominerals in small intestine for improved absorption and bioavailability	Nanobiotechnology	CP-S2-087	25-Mar-25	2	12:00 - 13:00	+91-8511554383	sanjay@niab.org.in	Opposite Journalist Colony, Near Gowlidoddy Extended Q-City Road Gachibowli Hyderabad - 500032 Telangana, India
88	Ms.SHREE INITHA MUTHARASAN	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0774	SURFACE MODIFIED ON BABY FEEDING NIPPLE WITH ACORUS CALAMUS TO ENHANCE THE IMMUNITY	Nanobiotechnology	CP-S2-088	25-Mar-25	2	12:00 - 13:00	+91-7010474195	sm5978@srmist.edu.in	Mblock, SRM Institute of Science and Technology, Kattankulathur
89	Mr.ABINASH	Researcher	SRM Institute of Science and Technology	ICONN-2025/0263	Redox-Enhanced Electrolyte for Ternary g-C <sub>3</sub> N <sub>4</sub> /ZnMn <sub>2</sub> O <sub>4</sub> /Mn <sub>2</sub> O <sub>3</sub> Nanocomposites for Supercapacitor Applications	Nanocomposites and Nanocatalysts	CP-S2-089	25-Mar-25	2	12:00 - 13:00	+91-8939495032	ak1210@srmist.edu.in	7/4,F2.SUBHIKSHA FLAT,THULUKANATHAMMAN ST,AGARAM
90	Ms.POOVITHA	Researcher	SRM institute of science and technology, Kattankulathur campus, chengalpattu	ICONN-2025/0266	Investigation of ZnO/NiS/CNT composite material as an electrode for hybrid supercapacitor	Nanocomposites and Nanocatalysts	CP-S2-090	25-Mar-25	2	12:00 - 13:00	+91-9345600933	pg2068@srmist.edu.in	56, Bharathiyar street, Potheri , Chengalpattu (Dt) - 603203
91	Ms.KAAVIYAPRIYA S S	Researcher	SRM Institute of science and technology	ICONN-2025/0267	Electrochemical Investigation of MnCo <sub>2</sub> O <sub>4</sub> /ZIF-67 Composite in Different Electrolyte for supercapacitor applications	Nanocomposites and Nanocatalysts	CP-S2-091	25-Mar-25	2	12:00 - 13:00	+91-8610065468	ks0597@srmist.edu.in	53/2, SSR Nagar 1st cross Thirupapuliyur cuddalore-2

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
92	Mr.V.MUTHUVEL	Researcher	Kumaraguru College of Technology	ICONN-2025/0276	Structural and Physio- Chemical analysis of Cobalt substituted Zinc Ferrite nanoparticles for photocatalytic applications	Nanocomposites and Nanocatalysts	CP-S2-092	25-Mar-25	2	12:00 - 13:00	+91-9344741474	mvel9707@gmail.com	Room No: B3, Block 5, Men's Hostel, Kumaraguru College of Technology, Coimbatore-641049
93	Mr.R VENGADESH	Researcher	SRMIST,KTR	ICONN-2025/0313	Harnessing heterostructure linkage of NiFe Layered Double Hydroxide and Ni3S4 for overall water splitting.	Nanocomposites and Nanocatalysts	CP-S2-093	25-Mar-25	2	12:00 - 13:00	+91-8870959320	vr1543@srmist.edu.in	61b, Bhagavathy street,Vivekanandhan nagar,Konathi main road, Potheri
94	Ms.PADMAPRIYA	Student	Vellore Institute of Technology, Chennai campus.	ICONN-2025/0352	Catalytic Performance of Mg-Substituted ZnFe <sub>2</sub> O <sub>4</sub> /α-Fe <sub>2</sub> O <sub>3</sub> Nanocomposite in the Visible Region Synthesized via the Hydrothermal Method	Nanocomposites and Nanocatalysts	CP-S2-094	25-Mar-25	2	12:00 - 13:00	+91-6382408188	padmapriya.k2023@vitstudent.ac.in	VIT, Chennai.
95	Mr.VARSHITH	Student	SRM institute of science and Technology	ICONN-2025/0394	Nano cellulose from little millet husk for the reinforcement of Tapioca starch-based nanocomposite film with antimicrobial property for shelf life enhancement of Paneer	Nanocomposites and Nanocatalysts	CP-S2-095	25-Mar-25	2	12:00 - 13:00	+91-6382569505	vv4655@srmist.edu.in	45 A, Krishna Nagar, Near Rathinam Nager, Theni - 625531
96	Dr.RAVIKIRAN Y T	Faculty	GOVERNMENT FIRST COLLEGE, HOLALKERE	ICONN-2025/0491	Room Temperature Alternating Current Response of Polythiophene / Lanthanum oxide Composite	Nanocomposites and Nanocatalysts	CP-S2-096	25-Mar-25	2	12:00 - 13:00	+91-9844107371	ytcta@gmail.com	GOVERNMENT FIRST GRADE COLLEGE, HOLALKERE-577526
97	Ms.BITHIKA PATI	Student	KIIT DU,BBSR	ICONN-2025/0500	Exploring the Electrochemical Properties of MoO <sub>3</sub> in Alkaline, Neutral, and Acidic Media: A Comparative Study	Nanocomposites and Nanocatalysts	CP-S2-097	25-Mar-25	2	12:00 - 13:00	+91-6370481153	2281164@kiit.ac.in	KIIT DU,BBSR,Odisha,PIN-751024
98	Ms.SONIKA SHETTY	Student	SRMIST	ICONN-2025/0502	Synthesis and Characterization of PANI/m-WO <sub>3</sub> and PANI/h-WO <sub>3</sub> Composites for Supercapacitor Applications	Nanocomposites and Nanocatalysts	CP-S2-098	25-Mar-25	2	12:00 - 13:00	+91-7338105804	ss0208@srmist.edu.in	Plot no 3, Vignesh garden, Potheri, Kattankulathur, Tamil Nadu
99	Ms.SOPHIA JACQUILINE	Researcher	SRM Institute of Science and Technology	ICONN-2025/0503	Molybdenum based oxide and sulfide nanocomposite - Electrocatalysts in alkaline medium for Hydrogen Evolution	Nanocomposites and Nanocatalysts	CP-S2-099	25-Mar-25	2	12:00 - 13:00	+91-9788999622	sl4638@srmist.edu.in	C-103, Samrat Asokar Salai, Block-3, Neyveli
100	Ms.BHAVASREE SREEDHAR	Student	SRM institute of science and technology, Kattankulathur, Chengalpattu	ICONN-2025/0534	Enhanced Photodetection Performance Using SnS/g-C <sub>3</sub> N <sub>4</sub> Composites: High Sensitivity and Broad-Spectrum Detection	Nanocomposites and Nanocatalysts	CP-S2-100	25-Mar-25	2	12:00 - 13:00	+91-7010861971	bhava.sree11@gmail.com	16, RMK complex, Perumal kovil street, Potheri, Chengalpattu
101	Ms.SNEHA MONDAL	Researcher	SRMIST	ICONN-2025/0540	Two step fabrication of Ni <sub>3</sub> -xCuXS <sub>2</sub> for enhanced HER activity	Nanocomposites and Nanocatalysts	CP-S2-101	25-Mar-25	2	12:00 - 13:00	+91-9821966075	sn0024@srmist.edu.in	SRMIST
102	Ms.DEVIKA K R	Student	SRM Institute of Science and Technology	ICONN-2025/0544	Engineering Ni-Fe metal-organic frameworks as bifunctional electrocatalysts for water electrolysis	Nanocomposites and Nanocatalysts	CP-S2-102	25-Mar-25	2	12:00 - 13:00	+91-7736370760	dk2450@srmist.edu.in	KOMBARUPARAMBIL HOUSE ARIPALAM P.O ARIPALAM THRISSUR
103	Dr.SANTHI	Faculty	SRM Institute of science and technology	ICONN-2025/0547	NiS Chalcogenide Modified TiO <sub>2</sub> Mesopores Nanostructures as Potential Visible Light Photocatalyst For Degradation Of Methylene Blue	Nanocomposites and Nanocatalysts	CP-S2-103	25-Mar-25	2	12:00 - 13:00	+91-8012477045	santhik@srmist.edu.in	Department of physics and nanotechnology
104	Mr.UMASHANKAR S	Researcher	SRM Institute of Science & Technology	ICONN-2025/0550	Plasmonic Ag nanoparticles decorated SrTiO <sub>3</sub> /g-C <sub>3</sub> N <sub>4</sub>	Nanocomposites and Nanocatalysts	CP-S2-104	25-Mar-25	2	12:00 - 13:00	+91-8870741362	us8490@srmist.edu.in	No. 78, Sadras Road, Thirukkazhukundaram, Chengalpattu district
105	Mr.VIJAY VEL R	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0557	Ag plasmons enriched Z-scheme CexBi1-xVO4/ByC3-yN4 heterojunction for photocatalytic hydrogen production under direct sunlight	Nanocomposites and Nanocatalysts	CP-S2-105	25-Mar-25	2	12:00 - 13:00	+91-8072141494	vr7558@srmist.edu.in	Department of Physics and Nanotechnology
106	Mr.KISHORE BHAT T R	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0559	Tin dichalcogenide modified electrode for electrochemical water splitting	Nanocomposites and Nanocatalysts	CP-S2-106	25-Mar-25	2	12:00 - 13:00	+91-8970886592	kt7177@srmist.edu.in	SRM Institute of Science and Nanotechnology, Kattankulathur

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
107	Dr.JEEVA JOTHI KUMARAVEL	Scientist	MAITRAVARUNA TECHNOLOGIES PRIVATE LIMITED	ICONN-2025/0594	MXene-Reinforced Polymer Nanocomposites for Multifunctional Corrosion and Fouling Protection: A Comprehensive Review of Applications and Mechanisms.	Nanocomposites and Nanocatalysts	CP-S2-107	25-Mar-25	2	12:00 - 13:00	+91-9444711058	gvachemist@gmail.com	ARIHANT E PARK, SRINIVASA MUTHY AVENUE, BAKTAVATSALM NAGAR, ADAYAR, CHENNAI 20
108	Mr.RETHICKSHAA A P	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0628	Exploring the Role of Water in Enhancing the Bifunctionality of Co-BDC MOFs as Electrocatalysts for Water Splitting Applications	Nanocomposites and Nanocatalysts	CP-S2-108	25-Mar-25	2	12:00 - 13:00	+91-6369868579	rethisuja17@gmail.com	143.DEVANGAR STREET, AGARAM (VILL) &(POST), TIRUPATTUR-DT
109	Ms.PRIYADHARSHINI	Student	SRM Institute of Science and Technology	ICONN-2025/0635	Tailoring Electrocatalytic Activity of Co-BDC MOFs for Enhanced Oxygen and Hydrogen Evolution Reactions Using Modulation Techniques	Nanocomposites and Nanocatalysts	CP-S2-109	25-Mar-25	2	12:00 - 13:00	+91-6380591720	priyabsphysics24@gmail.com	467, Kunjaramadai, Pandiampalayam(po), Perundurai(tk), Erode-638455
110	Ms.MATHIVARSINI	Student	VELLORE INSTITUTE OF TECHNOLOGY	ICONN-2025/0640	Investigating the Influence of Cellulose on the Electronic Properties of Zinc Oxide Nanocomposites	Nanocomposites and Nanocatalysts	CP-S2-110	25-Mar-25	2	12:00 - 13:00	+91-9003341577	mathivarsini.p2023@vitsudent.ac.in	VIT UNIVERSITY B BLOCK GIRLS HOSTEL, VIT UNIVERSITY CHENNAI
111	Mr.AJITH NIX E.S.R	Student	SRM institute of science and technology (kattankulathur)	ICONN-2025/0360	Evidence of Second Order Nature of Thermomagnetic Phase Transition and One-Dimensional Antiferromagnet in Pyrochlore $\alpha$ -Cu <sub>2</sub> V <sub>2</sub> O <sub>7</sub>	Nanomagnetism and Spintronics	CP-S2-111	25-Mar-25	2	12:00 - 13:00	+91-7904298852	ae2361@srmist.edu.in	NO 6/16 2ND FLOOR APR FLATS SRIPURAM 2ND STREET ROYAPETTAH CHENNAI-600014
112	Mr.ARNAB GANGULY	Faculty	SRM Institute of Science and Technology	ICONN-2025/0369	Unveiling the Role of Defects in Artificial Crystals: Shaping Magnetic Properties	Nanomagnetism and Spintronics	CP-S2-112	25-Mar-25	2	12:00 - 13:00	+91-7003360892	arnabg@srmist.edu.in	SRM Nagar, Kattankulathur - 603 203, Chengalpattu District, Tamil Nadu, India
113	Ms.PRIYANKA BABU	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0501	Bias Field and Current Induced Effective Conversion of 360° Domain Wall to pairs of Bimeron and Antibimeron	Nanomagnetism and Spintronics	CP-S2-113	25-Mar-25	2	12:00 - 13:00	+91-7019393112	pb9019@srmist.edu.in	617, Raman Research Park, SRMIST, Kattankulathur
114	Mr.PERARASAN	Student	SRM Institute of Science and Technology	ICONN-2025/0541	Field-free Perpendicular Magnetization Switching by Spin-Orbit Torque in Exchange Bias System: A Micromagnetic Study	Nanomagnetism and Spintronics	CP-S2-114	25-Mar-25	2	12:00 - 13:00	+91-8870926047	pt9474@srmist.edu.in	10/98 East street A, Vellodu Dindigul - 624 307 Tamil Nadu
115	Mr.RAHULGORKY SAHAYARAJ	Researcher	SRM IST	ICONN-2025/0561	Effect of doped iron oxide nanoparticles for Magnetic Hyperthermia application	Nanomagnetism and Spintronics	CP-S2-115	25-Mar-25	2	12:00 - 13:00	+91-8675718482	rs1940@srmist.edu.in	2/263-5, VASANTHAM NAGAR TNC ALANGULAM, VEMBAKKOTTAI TALUK
116	Ms.RAMYA R	Student	REVA UNIVERSITY	ICONN-2025/0014	Systematic investigation of Polyaniline/fly-ash nanocomposites synthesized via chemical oxidative polymerization for electrical applications	Nanoscale Modeling and Applications	CP-S2-116	25-Mar-25	2	12:00 - 13:00	+91-9886000376	ramyavvip@gmail.com	#207, PRITHVI ENCLAVE, 4TH CROSS, 9TH MAIN, DESHABANDU NAGAR, VIDYARANYAPURA
117	Mr.MANISH JANGID	Student	Malaviya National Institute of Technology Jaipur	ICONN-2025/0430	Quantitative Analysis of Nanostructured oxides Integration on the Performance of SPR Biosensor for Malaria Detection	Nanoscale Modeling and Applications	CP-S2-117	25-Mar-25	2	12:00 - 13:00	+91-9414815454	2018pwc5345@mmit.ac.in	Jaipur, Rajasthan
118	Mr.HEFAYATHULLAH M	Researcher	SRMIST	ICONN-2025/0778	From Sensors to AI-Driven Smart Decision-Making: An Interdisciplinary Approach on Real-Time Monitoring of Hepatotoxic Drug Levels	Nanoscale Modeling and Applications	CP-S2-118	25-Mar-25	2	12:00 - 13:00	+91-8668089093	aashikmohammed444@gmail.com	140/2 , THOTILPATTY, SALEM CAMP , METTUR DAM, SALEM- TN
119	Mr.YUVASRI	Student	SRM Institute of Science and Technology	ICONN-2025/0905	NanoThinFilm based Photovoltaic panels Defects Autonomous Detection Using Convolutional Neural Networks(CNN) and Robotic Drones	Nanoscale Modeling and Applications	CP-S2-119	25-Mar-25	2	12:00 - 13:00	+91-6369972390	yk3850@srmist.edu.in	II M.Sc. Mathematics, Department of Mathematics, SRM Institute of Science and Technology

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
120	Mr.KONIJETI SAI KALYAN	Student	SRM Institute of Science and Technology	ICONN-2025/0932	Integrating Statistical Modeling and Nanobiosensors for Breast Cancer Detection: Data Visualization and Analysis Using R Programming	Nanoscale Modeling and Applications	CP-S2-120	25-Mar-25	2	12:00 - 13:00	+91-6309794170	sk8252@srmist.edu.in	Nakshatra 2 Thailavaram, potheri
121	Ms.BLESSY REBECCA PN	Researcher	SRM Institute of science and Technology	ICONN-2025/0504	High-Performance Non-Enzymatic Electrochemical Sensor for Dopamine based on ZIF-8 nanoparticles	Nanosensors and Nanoactuators	CP-S2-121	25-Mar-25	2	12:00 - 13:00	+91-9489019408	bp2615@srmist.edu.in	67C/39, Manali New Town, Chennai -600 103
122	Ms.MARSHIA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0505	Development of ZIF-67 as an Effective Platform for Electrochemical Detection of Dopamine	Nanosensors and Nanoactuators	CP-S2-122	25-Mar-25	2	12:00 - 13:00	+91-7339571963	mm7541@srmist.edu.in	No 145 Subramanian Salai kurinjii Nagar Semmandalam Cuddalore 607001
123	Ms.AASHNA SHARIN	Student	SRM Institute of Science and Technology	ICONN-2025/0532	Improved sensing capabilities of rare earth metal incorporated Bi2S3 nanostructure for NO2 detection	Nanosensors and Nanoactuators	CP-S2-123	25-Mar-25	2	12:00 - 13:00	+91-9790272104	am2353@srmist.edu.in	2A,West Street,Metupatti,Lalgudi,Trichy-621706.
124	Dr.PRIYA	Faculty	NSS College Nemmara-Affiliated to Calicut University	ICONN-2025/0580	Spectrophotometric evaluation of Hydrogen peroxide sensing using peroxidase mimicking Curcumin functionalised Gold nanoparticles	Nanosensors and Nanoactuators	CP-S2-124	25-Mar-25	2	12:00 - 13:00	+91-9895386087	priyaasudhesh@gmail.com	PRANAVAM PRANANKULAM VADAKKANTHARA PALAKKAD-678012
125	Mr.MAAN MAHENDER SINGH	Student	VIT UNIVERSITY	ICONN-2025/0626	Design and development of biocatalytically triggered plasmonic nanoparticle etching-based fiber optic immunosensor	Nanosensors and Nanoactuators	CP-S2-125	25-Mar-25	2	12:00 - 13:00	+91-8851598860	maan15031996@gmail.com	Katpadi, Vellore, Tamil Nadu
126	Mr.KARTHICKRAJA	Student	Vellore Institute of Technology, Chennai	ICONN-2025/0631	Asymmetric contact-induced self-powered Cu2-xS photodetectors	Nanosensors and Nanoactuators	CP-S2-126	25-Mar-25	2	12:00 - 13:00	+91-7598185712	karthikraja36997@gmail.com	PC 4/5, TNPHC, Melakottaiyur, Chennai-600 127
127	Mr.SOURAV DEB	Student	IIITDM Kancheepuram	ICONN-2025/0639	Hydrothermal reaction temperature-driven polymorphic engineered In2O3 thin films for hydrogen gas sensors	Nanosensors and Nanoactuators	CP-S2-127	25-Mar-25	2	12:00 - 13:00	+91-9668631719	ph2240003@iiitdm.ac.in	Ashoka Hostel, IIITDM Kancheepuram
128	Mr.SOMDATTA SINGH	Student	IIT Roorkee	ICONN-2025/0658	Highly selective NO gas sensor based on a nano-interfaced WxMoyO3 heterostructure	Nanosensors and Nanoactuators	CP-S2-128	25-Mar-25	2	12:00 - 13:00	+91-7827293335	somdatta@ic.iitr.ac.in	G 141 azad Bhawan
129	Mr.NEERAJ DHARIWAL	Student	Netaji Subhas University of Technology	ICONN-2025/0659	Fabrication of Ultrasensitive Paper Substrate Based Room Temperature Ethanol Gas Sensor	Nanosensors and Nanoactuators	CP-S2-129	25-Mar-25	2	12:00 - 13:00	+91-8221031548	dhariwalneeraj98@yahoo.com	Netaji Subhas University of Technology, Dwarka Sec-3, New Delhi
130	Mr.AKSHAY V V	Student	SRM Institute of Science and Technology	ICONN-2025/0523	Unlocking the Potential of Sb2Se3 Films: Antisolvent Treatment for Superior Optoelectronic Performance	Nanostructured Solar Cells and Thermoelectrics	CP-S2-130	25-Mar-25	2	12:00 - 13:00	+91-7306175170	akshayv3@gmail.com	SRM Institute of Science and Technology, Kattankulathur-603203
131	Mr.JEEVA VERGIN RAJ K.A	Student	SRM Institute of Science and Technology	ICONN-2025/0527	Enhancing the Thermoelectric Performance of GaN/WXY(X,Y=S,Se,Te) vdW Heterostructure: Insights from DFT Calculations	Nanostructured Solar Cells and Thermoelectrics	CP-S2-131	25-Mar-25	2	12:00 - 13:00	+91-9840937938	jk2018@srmist.edu.in	No.40, Nehruji street, andndhapuram east tambaram chennai 600059
132	Mr.A. SAKTHI BALAJI	Researcher	SRM Institute of Science and Technology	ICONN-2025/0543	Influence of Sb doping on ultra-low the lattice thermal conductance of GeTe monolayer: DFT+NEGF approach	Nanostructured Solar Cells and Thermoelectrics	CP-S2-132	25-Mar-25	2	12:00 - 13:00	+91-9344612005	sa3810@srmist.edu.in	Kannarpatti pirivu, Dindigul 624003
133	Ms.K. THARANI PRIYA	Student	SRM Institute of Science and technology	ICONN-2025/0549	Nanoimprinted TiO2/ Sb2S3 heterojunction with improved light coupling and photosensing	Nanostructured Solar Cells and Thermoelectrics	CP-S2-133	25-Mar-25	2	12:00 - 13:00	+91-9629262660	tk8787@srmist.edu.in	SRM University SRM Nagar CV Raman Research Park, SRM University, Potheri
134	Ms.MONICA	Student	SRM University, Kattankulathur	ICONN-2025/0555	Study of thermoelectric properties of polycrystalline SnSe prepared via mechanochemical synthesis	Nanostructured Solar Cells and Thermoelectrics	CP-S2-134	25-Mar-25	2	12:00 - 13:00	+91-9894371520	ma8238@srmist.edu.in	No:2\144, Mettu street, sirumangadu village, kancheepuram

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
135	Mr.HAREESH	Student	SRM University	ICONN-2025/0567	Property Transition and Application Potential of Vanadium Oxide-Doped MoO <sub>3</sub> Synthesized via Simple Two-Step Method	Nanostructured Solar Cells and Thermoelectrics	CP-S2-135	25-Mar-25	2	12:00 - 13:00	+91-9597164987	hk9982@srmist.edu.in	no 33 Ranganathapuram, 4 th Street, Uppilipalayam, Singanallur, Coimbatore
136	Ms.SUBATHRA	Researcher	Srm Institute of Science and Technology	ICONN-2025/0579	Thermoelectric properties of n-type Ti <sub>2</sub> NiCoSnSb/MnSi <sub>8</sub> composite high entropy alloys	Nanostructured Solar Cells and Thermoelectrics	CP-S2-136	25-Mar-25	2	12:00 - 13:00	+91-8939288493	sb5246@srmist.edu.in	No -3, Muppadaï nagar, New vvilanur, Avadi, Chennai - 600062
137	Mr.ANDEM SANDEEP	Researcher	SRM Institute of Science and Technology	ICONN-2025/0310	KOH-Treated Porous Carbons Derived from Peanut Shells as High-Performance Electrode Materials for Supercapacitors	Nanotechnology for Energy Harnessing	CP-S2-137	25-Mar-25	2	12:00 - 13:00	+91-9705203255	as2417@srmist.edu.in	1-166 Thalla Khammam Pahad, Suryapet Telangana 508213
138	Ms.GEJALAKSHMI	Student	SRM Institute of Science and Technology	ICONN-2025/0370	Growth and Electrochemical Characteristics of Lithium Lanthanum Titanate Solid Electrolyte	Nanotechnology for Energy Harnessing	CP-S2-138	25-Mar-25	2	12:00 - 13:00	+91-9384468465	gn2522@srmist.edu.in	2/75, West Street, Kumaretiyapuram,
139	Mr.KARTHIKA MU	Student	SRMIST, KTR CAMPUS.	ICONN-2025/0371	Co3O4 Cathodes for Zn-ion Batteries: A Comparative Study of Co-precipitation and Hydrothermal Synthesis	Nanotechnology for Energy Harnessing	CP-S2-139	25-Mar-25	2	12:00 - 13:00	+91-9176446991	km6564@srmist.edu.in	2/55 B GANGAI AMMAN KOVIL STREET
140	Mr.KATHIRESAN CHELLADURAI	Student	SRMIST, KTR	ICONN-2025/0404	Study of ZnCo <sub>2</sub> O <sub>4</sub> - Metal Oxide-Based Cathode Material for Aqueous Zinc-Ion Based Battery Applications	Nanotechnology for Energy Harnessing	CP-S2-140	25-Mar-25	2	12:00 - 13:00	+91-9500760096	kathiresan1671@gmail.com	4/95G, East street, Kanakkampati, Palani.
141	Mr.JAYACHANDRAN	Student	SRM Institute of Science and Technology	ICONN-2025/0439	Bismuth Telluride-Based Catalysts for Efficient Alkaline Hydrogen Evolution Reaction	Nanotechnology for Energy Harnessing	CP-S2-141	25-Mar-25	2	12:00 - 13:00	+91-7538811758	jm0334@srmist.edu.in	1052, Rangai Gowder Street, Sukrawarpet Road, Coimbatore-641001
142	Mr.ISAAC EMMANUEL J	Researcher	SRMIST-KTR	ICONN-2025/0469	Understanding Electro-Catalytic Activity of Complex Metal Oxides	Nanotechnology for Energy Harnessing	CP-S2-142	25-Mar-25	2	12:00 - 13:00	+91-9789656725	ij7664@srmist.edu.in	UB-820 , University Building, SRMIST , Kattankulathur - 603203
143	Ms.PAVITHRA	Researcher	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0476	Harnessing Sonochemistry in Mn <sub>2-x</sub> Co <sub>x</sub> P <sub>2</sub> O <sub>7</sub> to Pioneer as Energy Storage and Water Splitting Catalysts.	Nanotechnology for Energy Harnessing	CP-S2-143	25-Mar-25	2	12:00 - 13:00	+91-9003199454	pk1145@srmist.edu.in	No.32 Ponnurangam Nagar, Pozhichalur, Chennai - 600074.
144	Ms.JNATHRI	Student	SRM Institute of Science and Technology	ICONN-2025/0510	Engineering Transparency: Advances in Al-doped Zinc (AZO)-Based Transparent Conducting oxide (TCO) Coatings	Nanotechnology for Energy Harnessing	CP-S2-144	25-Mar-25	2	12:00 - 13:00	+91-7012473035	jnathrih@gmail.com	SRM Institute of Science and Technology, Potheri, Kattankulathur, Chengalpattu
145	Ms.HARSHINI K S	Researcher	SRMIST	ICONN-2025/0514	Introducing Binder-Free NiMnS <sub>2</sub> Nanoplates: A Novel Electrocatalyst for Hydrogen Evolution Reaction (HER)	Nanotechnology for Energy Harnessing	CP-S2-145	25-Mar-25	2	12:00 - 13:00	+91-8270848833	harshiniks2010@gmail.com	1/61 A, Adhikaripatty, Udayapatty (PO)
146	Ms.SREELAKSHMI	Student	SRMIST, KTR	ICONN-2025/0521	Solution-Processed ZnO/CuI Transparent Film for Self-Powered UV Detection with Enhanced Performance via CuO Layer	Nanotechnology for Energy Harnessing	CP-S2-146	25-Mar-25	2	12:00 - 13:00	+91-9961105817	sm3096@srmist.edu.in	C V Raman building, SRM IST, KTR, Potheri, Tamil Nadu, 603203.
147	Mr.SIVARAMAN SATHIYAMOORTHY	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0525	rGO@CuFeS <sub>2</sub> modified electrode for electrochemical water splitting	Nanotechnology for Energy Harnessing	CP-S2-147	25-Mar-25	2	12:00 - 13:00	+91-9791817633	ss4522@srmist.edu.in	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu 603203
148	Mr.PRADEEP RAMU	Student	SRM Institute of Science and Technology	ICONN-2025/0526	Impact of adding a high-resistance ZnO layer on Sb <sub>2</sub> Se <sub>3</sub> /CdS heterojunction in thin-film solar cells	Nanotechnology for Energy Harnessing	CP-S2-148	25-Mar-25	2	12:00 - 13:00	+91-6382799313	pr7136@srmist.edu.in	SRM Institute of Science and Technology, Kattankulathur, Chengalpattu, Tamil Nadu - 603203
149	Mr.ANURAG	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0542	Electrospun ZnMn <sub>2</sub> O <sub>4</sub> Nanofiber as cathode material for Aqueous Zinc-ion Battery	Nanotechnology for Energy Harnessing	CP-S2-149	25-Mar-25	2	12:00 - 13:00	+91-8590523013	ah6287@srmist.edu.in	Anugrah(ho),Memunda(po),Vada kara(via),Calicut , Kerala.673104
150	Mr.DHEEBANATHAN	Researcher	SRM	ICONN-2025/0556	g-C <sub>3</sub> N <sub>4</sub> as Standalone Efficient Transport Layer in Methylammonium Lead Iodide Perovskite Solar Cells	Nanotechnology for Energy Harnessing	CP-S2-150	25-Mar-25	2	12:00 - 13:00	+91-8668124049	da0997@srmist.edu.in	University Building 703A, SRMIST

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
151	Ms.SIDDHI DAKAVE	Student	SRM Institute of Science and Technology	ICONN-2025/0560	Solution-deposited tin-antimony-sulfide thin films for efficient photoelectrochemical water splitting	Nanotechnology for Energy Harnessing	CP-S2-151	25-Mar-25	2	12:00 - 13:00	+91-9552788355	ss8740@srmist.edu.in	SRMIST, KTR
152	Mr.SANTHOSH P C	Researcher	SRMIST	ICONN-2025/0562	Electrochemical Insights into 1D ZnM <sub>2</sub> O <sub>4</sub> (Co, Mn, Fe) Nanofiber-Based Electrodes for Efficient Energy Storage	Nanotechnology for Energy Harnessing	CP-S2-152	25-Mar-25	2	12:00 - 13:00	+91-9994456024	sp2623@srmist.edu.in	Department of physics and nanotechnology SRMIST
153	Ms.KIRUTHIKA VISWANATH	Researcher	SRM Institute of Science and Technology	ICONN-2025/0565	Probing the electrochemical performance of Rechargeable Aqueous Zinc Ion Batteries (AZIBs) with tungsten trioxide/rGO composite as a cathode material	Nanotechnology for Energy Harnessing	CP-S2-153	25-Mar-25	2	12:00 - 13:00	+91-7845875683	kv4971@srmist.edu.in	Department of Physics and Nanotechnology, SRMIST
154	Ms.JAYAKAUSHALYA M	Student	SRMIST, KTR CAMPUS	ICONN-2025/0572	Impact of WO <sub>3</sub> morphology on its piezo catalytic performance for hydrogen production	Nanotechnology for Energy Harnessing	CP-S2-154	25-Mar-25	2	12:00 - 13:00	+91-9600039450	jm5308@srmist.edu.in	AS1, SRI SAI RESIDENCY, CHAKARAPANI STREET, GUDUVANCHERY, CHENGALPATTU
155	Mr.GANESH BURRI	Student	Vignan foundation for science technology and research	ICONN-2025/0393	Assessing Oxidative Stress in Eisenia Fetida Exposed to Ivermectin by paper contact method	Nanotoxicology and Nanomedicine	CP-S2-155	25-Mar-25	2	12:00 - 13:00	+91-9959835569	ganeshburri333@gmail.com	2_48,munugudu,amaravati, guntur, andhra Pradesh,522402
156	Ms.SRILAKSHMI NARRA	Student	Vignan Foundation for Science Technology and Research	ICONN-2025/0416	Dual Antibiotic Impact: Evaluating the Ecotoxicological Effects of Oxytetracycline and Doxycycline on Earthworms and Soil Health	Nanotoxicology and Nanomedicine	CP-S2-156	25-Mar-25	2	12:00 - 13:00	+91-8309210810	sriakshminarra04@gmail.com	3-102 opp Ramatherdaseva Asramam, Piduguralla
157	Ms.RABIYA RIFFATH S.A	Researcher	SRM Institute of Science and Technology	ICONN-2025/0431	Shape-Dependent Dual-Responsive Cobalt Ferrite Nanoparticles (CoFe <sub>2</sub> O <sub>4</sub> ) for Targeted Drug Delivery in Cancer Therapy	Nanotoxicology and Nanomedicine	CP-S2-157	25-Mar-25	2	12:00 - 13:00	+91-9750411372	rr8832@srmist.edu.in	C.V. Raman Research Park, SRMIST, Kattankulathur.
158	Ms.SHOBA KARJOL VASANT KARJOL	Student	MVJ COLLEGE OF ENGINEERING	ICONN-2025/0509	A Novel Approach on to a Facile Synthesis of TiO <sub>2</sub> NPs for Antibacterial and Anticancer Activities against Prostate Cancer	Nanotoxicology and Nanomedicine	CP-S2-158	25-Mar-25	2	12:00 - 13:00	+91-9952715912	shobaphy25@gmail.com	#10 NEELASHANKAR NILAY VSR LAYOUT VALEPURA
159	Mr.RAMAKRISHNAN GOVINDARAJ	Researcher	SRM university / SRM institute of science and technology	ICONN-2025/0859	Study of positively charged amine-functionalized mesoporous silica nanoparticles toxicity using in-vitro cell models	Nanotoxicology and Nanomedicine	CP-S2-159	25-Mar-25	2	12:00 - 13:00	+91-8870278274	rg8156@srmist.edu.in	2/174, alathudaiyan patti, trichy, tamil nadu, 621003
160	Ms.AMEGHA SAHNI	Student	SRMIST, KTR	ICONN-2025/0063	Eu Decorated ZnO Thin Film with Visible Upconverted Emission	Photonic & Plasmonic Nanomaterials	CP-S2-160	25-Mar-25	2	12:00 - 13:00	+91-9847409454	as0001@srmist.edu.in	710, University Building, SRM Institute of Science and Technology, Kattankulathur-603203
161	Dr.LAKSHMI THARA	Faculty	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR	ICONN-2025/0084	One-Dimensional Random Photonic Crystal Sensors: Improved Optical Sensitivity in Gas Detection	Photonic & Plasmonic Nanomaterials	CP-S2-161	25-Mar-25	2	12:00 - 13:00	+91-8056881075	lakshmir13@srmist.edu.in	KATTANGULATHUR
162	Ms.HARITHA	Student	SRM Institute of Science and Technology	ICONN-2025/0096	Impact of Eu doped FeVO <sub>4</sub> for linear and nonlinear optical properties to enhance two-photon absorption and optical limiting for optoelectronic application	Photonic & Plasmonic Nanomaterials	CP-S2-162	25-Mar-25	2	12:00 - 13:00	+91-6383716803	hj4710@srmist.edu.in	No 9, Dhanalakshmi garden, Muthialpet, Puducherry
163	Mr.VIJAYAN M MUNUSWAMY	Student	ANNA UNIVERSITY	ICONN-2025/0106	Synthesis, crystal growth and characterization of two organic nonlinear optical materials using 2, 6-dimethylbenzoates with the substitution of 2, 6-dimethylpyridine	Photonic & Plasmonic Nanomaterials	CP-S2-163	25-Mar-25	2	12:00 - 13:00	+91-9176125162	vijayanphysics81@gmail.com	343, GURUVAYAL VILLAGE AND POST, REDHILLS VIA, CHENNAI-600052
164	Ms.NOUREENA M M	Student	SASTRA Deemed to be University, Thanjavur	ICONN-2025/0115	Development of a U-Bend SPR Optical Fiber Sensor for Refractive Index Sensing	Photonic & Plasmonic Nanomaterials	CP-S2-164	25-Mar-25	2	12:00 - 13:00	+91-9778376206	noureenamullappally@gmail.com	Mullappally (H),Koomanthe Post Office

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
165	Ms.NALINI RAVI	Student	SRM Institute of Science and Technology	ICONN-2025/0196	Structural and Photophysical Characterization of Cs <sub>2</sub> AgIn <sub>1-x</sub> yBixCeyCl <sub>6</sub> : A Promising Phosphor Material for Next-Generation White Light-Emitting Diodes	Photonic & Plasmonic Nanomaterials	CP-S2-165	25-Mar-25	2	12:00 - 13:00	+91-7904297937	narmadharavi137@gmail.com	No-1/96,ECR,MUGAIYUR POST,CHEYUR TALUK.
166	Ms.IDA FLORENCE SHARON	Student	SRMIST UNIVERSITY , KATTANKULATHUR	ICONN-2025/0199	A review on optical properties of phase change materials	Photonic & Plasmonic Nanomaterials	CP-S2-166	25-Mar-25	2	12:00 - 13:00	+91-9962600118	ie0288@srmist.edu.in	31, BHARATH NAGAR,PERIYAR NAGAR MAIN ROAD, URAPPAKKAM
167	Mr.KAVIYARASAN	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0203	Defect induced phase transition and Third order Non-linear Optical properties of Ce <sup>3+</sup> doped NaYF <sub>4</sub> nanoparticles prepared by simple co-precipitation route	Photonic & Plasmonic Nanomaterials	CP-S2-167	25-Mar-25	2	12:00 - 13:00	+91-8248543212	ks7828@srmist.edu.in	112, Mariyamman Kovil Street Krishnapuram
168	Mr.DINESH V	Student	SRM Institute of Science and Technology	ICONN-2025/0238	Synthesis, Growth and Characterization studies Nonlinear Optical novel Organic Single Crystals.	Photonic & Plasmonic Nanomaterials	CP-S2-168	25-Mar-25	2	12:00 - 13:00	+91-6381355233	dv4017@srmist.edu.in	No 35 bajanai Kovil Street, Kunjalam village, Tiruvallur.
169	Mr.NITESH KUMAR MANOHARAN	Researcher	VELLORE INSTITUTE OF TECHNOLOGY	ICONN-2025/0348	Structural and luminescent analysis of Eu <sup>3+</sup> doped NaSrBiTeO <sub>6</sub> double perovskite	Photonic & Plasmonic Nanomaterials	CP-S2-169	25-Mar-25	2	12:00 - 13:00	+91-9489356565	niteshkumar.m2022@vitstudent.ac.in	E4, RANK RESIDENCY, 87 PERUMAL MALAI ADIVARAM, NARASOTHIPATTY, SALEM-636004
170	Ms.SHABNA	Student	SRM IST, Kattankulathur	ICONN-2025/0366	Nonlinear Optical properties of Perovskite type KNiF <sub>3</sub> nanoparticle prepared by solvothermal method	Photonic & Plasmonic Nanomaterials	CP-S2-170	25-Mar-25	2	12:00 - 13:00	+91-8547714370	shabnas1010@gmail.com	Shabna Manzil, Kalluvettakuzhi, Mancodu po, Chithara, Kerala , P/in:691559
171	Ms.UMADEV I	Student	srm institute of science and technology	ICONN-2025/0478	Structural, Magnetic, Thermal and Linear and Non-Linear Optical Properties of Nd-Doped TiO <sub>2</sub> Nanoparticles for Photonic Applications	Photonic & Plasmonic Nanomaterials	CP-S2-171	25-Mar-25	2	12:00 - 13:00	+91-9442800207	up5140@srmist.edu.in	Department of Physics, SRM IST, Kattankulathur
172	Mr.AKHIL	Student	SRM UNIVERSITY	ICONN-2025/0528	Third Order Optical Nonlinearity in Yb <sup>3+</sup> doped Bismuth Phosphate for Optical Limiting Application	Photonic & Plasmonic Nanomaterials	CP-S2-172	25-Mar-25	2	12:00 - 13:00	+91-8113016826	ak5728@srmist.edu.in	Kolakkott house Near fire station, Nutstreet PO Vadakara
173	Ms.MOHANA SHANKARI	Student	SRM Institute of Science and Technology	ICONN-2025/0558	Defect States Mediated Optical Nonlinearity in Pr <sup>3+</sup> doped Zinc Phosphate for Optical Limiting Applications	Photonic & Plasmonic Nanomaterials	CP-S2-173	25-Mar-25	2	12:00 - 13:00	+91-9941442103	ms9855@srmist.edu.in	3/16A T.K.M Road
174	Mr.VIJAYAKUMAR	Student	SRMIST KTR	ICONN-2025/0566	Ultrafast Optical Kerr Nonlinearity in LaPO <sub>4</sub> /g-C <sub>3</sub> N <sub>4</sub> Heterojunctions for Optical Power Limiting Applications: An Insight at 1D/2D Interface	Photonic & Plasmonic Nanomaterials	CP-S2-174	25-Mar-25	2	12:00 - 13:00	+91-9497465198	vb0503@srmist.edu.in	9E, Sabari Mani ellam, potheri
175	Mr.AMAN SINGHAL	Student	Indian Institute of Technology Bombay	ICONN-2025/0603	Direct Laser Writing of Titanium-Polymeric Micro-Ring Resonators for Integrated Optics	Photonic & Plasmonic Nanomaterials	CP-S2-175	25-Mar-25	2	12:00 - 13:00	+91-7895147065	amansinghal@iitb.ac.in	Hostel 12, IIT Bombay
176	Mr.AVISHANKAR SARDAR	Student	S.R.M Institute of Science and Technology	ICONN-2025/0672	Designing SPR based sensors using perovskite thin films.	Photonic & Plasmonic Nanomaterials	CP-S2-176	25-Mar-25	2	12:00 - 13:00	+91-7439409974	at8872@srmist.edu.in	Club Residenza 2, Sri Ramesh Ch Road Near Matri Sadan Hosp, Narayanpur, Gopalpur West Bengal 700136
177	Mr.AVINASH PALIVELA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0687	Impact of Defects in ZnO Thin Films on the LMR Based Optical Sensors	Photonic & Plasmonic Nanomaterials	CP-S2-177	25-Mar-25	2	12:00 - 13:00	+91-7013183855	ap3896@srmist.edu.in	vimukonda vari street ,tanuku, west godavari district , andhrapradesh,534211
178	Mr.SIBIN C S	Researcher	SRMIST KATTANKULATHUR	ICONN-2025/0837	A Review on Advancements in the Synthesis of Cesium-Based Halide Perovskite Nanoparticles: Toward Luminescence, Stability, and Scalable Production.	Photonic & Plasmonic Nanomaterials	CP-S2-178	25-Mar-25	2	12:00 - 13:00	+91-9633090233	sc7825@srmist.edu.in	C S BHAVAN, ADUMANCADU, PARASUVAIKKAL (PO), THIRUVANANTHAPURAM - 695508

**Venue: Dr. T. P. Ganesan Auditorium Premises, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India-603203**

S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
179	Ms.TANMAYI EDUPUGANTI	Student	SRM IST KTR	ICONN-2025/0913	Nanoparticles-based photothermal ablation of bacteria	Photonic & Plasmonic Nanomaterials	CP-S2-179	25-Mar-25	2	12:00 - 13:00	+91-7013536309	te8056@srmist.edu.in	te8056@srmist.edu.in
180	Ms.AKSHAYA PERUMAL	Student	SRMIST	ICONN-2025/0005	Synthesis and Electrochemical characteristics of SnO <sub>2</sub> /GO nanocomposite as anode for lithium-ion battery	Transport and Storage	CP-S2-180	25-Mar-25	2	12:00 - 13:00	+91-9080255752	ap0901@srmist.edu.in	SRM University Chennai
181	Ms.TAMILARASI	Student	SRM Institute of Science and Technology, Kattankulathur.	ICONN-2025/0117	Electrochemical Performance of a rGO/Ca <sub>3</sub> Co <sub>4</sub> O <sub>9</sub> Nanocomposite for Supercapacitor Applications	Transport and Storage	CP-S2-181	25-Mar-25	2	12:00 - 13:00	+91-9965871943	tr3439@srmist.edu.in	No.33/8, Seethalai sathanar street, NH-1 Maraimalai Nagar, Chengalpattu - 603209
182	Mr.DINESH	Student	SRM Institute of Science and Technology	ICONN-2025/0224	Synthesis and Electrochemical Characterization of Single-Crystal P2-Type Layered Oxides for Sodium-Ion Energy Storage Applications	Transport and Storage	CP-S2-182	25-Mar-25	2	12:00 - 13:00	+91-6381367113	db9945@srmist.edu.in	No 69, Annai sathya nagar, 3rd st, GNT road, Moolakadai, Chennai 600110
183	Ms.JAYA PRIYA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0253	Development of graphite nanoparticle impregnated highly porous biomass activated carbon for supercapacitor application	Transport and Storage	CP-S2-183	25-Mar-25	2	12:00 - 13:00	+91-7010554435	jj8388@srmist.edu.in	5/7 Bharathi Nagar vikaravandi Villupuram dt
184	Mr.SANJAI BALAJI D S	Student	SRM Institute Of Science & Technology	ICONN-2025/0259	Development of Fe <sub>3</sub> O <sub>4</sub> -PANI Hybrid Materials for Efficient Supercapacitor Electrode Performance	Transport and Storage	CP-S2-184	25-Mar-25	2	12:00 - 13:00	+91-9150720026	sd5827@srmist.edu.in	No.45/a 3rd Street, Bhuvaneshwari Nagar, Varadharajapuram, Chennai-600048
185	Ms.SHUNMUGAPRIYA	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0272	INFLUENCE OF CO-DOPED Mn <sub>3</sub> O <sub>4</sub> ELECTRODE MATERIAL FOR SUPERCAPACITOR APPLICATION	Transport and Storage	CP-S2-185	25-Mar-25	2	12:00 - 13:00	+91-9698148838	sb5449@srmist.edu.in	No. 13, 14 FIRST FLOOR, RAMAKRISHNA NAGAR, KANNADAPALAYAM, AVADI, TIRUVALUR, CHENNAI - 600 062.
186	Mr.SUDHARSUN	Student	SRM Institute of Science and Technology	ICONN-2025/0275	Synthesis and characterization of V <sub>2</sub> O <sub>5</sub> nanorods as an electrode material for supercapacitor applications	Transport and Storage	CP-S2-186	25-Mar-25	2	12:00 - 13:00	+91-9940458981	sg9780@srmist.edu.in	No. 31, Balaji nagar, Urappakkam west, Kilambakkam, Pin - 603211
187	Ms.GAJALAKSHMI	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0286	Interconnected Porous Structured Activated Carbon Derived from Peanut Skin for Electrochemical Supercapacitor Application	Transport and Storage	CP-S2-187	25-Mar-25	2	12:00 - 13:00	+91-9543692963	gt6879@srmist.edu.in	DEPARTMENT OF PHYSICS AND NANOTECHNOLOGY, KATTANKULATHUR
188	Mr.ABHISHEK	Student	SRM	ICONN-2025/0463	Zn and Al doped SnSb for asymmetric supercapacitor application	Transport and Storage	CP-S2-188	25-Mar-25	2	12:00 - 13:00	+91-9500399316	abhishekarumugam97@gmail.com	1E,Uchaya nagar, Thirunagar, Madurai-6.
189	Mr.BHARATH	Student	SRM Institute of Science and Technology	ICONN-2025/0529	Redox Active Electrolyte Integration NiCo <sub>2</sub> O <sub>4</sub> /ZIF-8 Nanocomposites for Enhanced Electrochemical Performance for Supercapacitor Applications	Transport and Storage	CP-S2-189	25-Mar-25	2	12:00 - 13:00	+91-8072853145	bp6802@srmist.edu.in	6/17, SOMANATHAPURAM, SOUTH STREET, UDANGUDI
190	Ms.PRIYANGA DEVI GOTHANDARAMAN	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0595	Synthesis and electrochemical evaluation of NiCuAl-LDH/rGO composites for high performing supercapacitor electrode	Transport and Storage	CP-S2-190	25-Mar-25	2	12:00 - 13:00	+91-9361758228	pg5065@srmist.edu.in	Potheri,chengalpattu
191	Ms.BHAVANA J I	Student	Vellore Institute of Technology, Vellore	ICONN-2025/0641	Flexible Natural Rubber Electrodes with Quantum Dots and Red Phosphorus for Biocompatible Supercapacitors	Transport and Storage	CP-S2-191	25-Mar-25	2	12:00 - 13:00	+91-9498424745	ibhavanajothish@gmail.com	Krishnavilasam, Ozhavoorikonam, Perumankuzhi, Karinkal, 629157.
192	Ms.SOWMIYA SELVARAJ	Student	Vellore Institute of Technology, Vellore	ICONN-2025/0644	Nano-Red Phosphorus Enhanced ZnO/Eggshell Membrane Electrodes for Flexible Supercapacitors	Transport and Storage	CP-S2-192	25-Mar-25	2	12:00 - 13:00	+91-7598749432	sowmiya23phd0121@gmail.com	No. 117, Melandai Street, 11-Chennasamudram, Ranipet DT, Tamil Nadu - 632506
193	Mr.S. R. ROHID SURIYA KANTH R. ROHID SURIYA KANTH	Researcher	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0816	Exploring Imidazole as an organic thermoelectric material : Properties and Performance evaluation	Transport and Storage	CP-S2-193	25-Mar-25	2	12:00 - 13:00	+91-9361647970	rr2912@srmist.edu.in	48- Gokulam homes, kannama street, Narasiman nagar, Thailavaram-603203

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194	Mr.YUVASHRI JAYAMKONDAN	Researcher	SRM Institute of science and technology	ICONN-2025/0865	Advantageous Electrochemical Behaviour of Ni-rich Core-Shell Structured Cathodes for Lithium-Ion Batteries	Transport and Storage	CP-S2-194	25-Mar-25	2	12:00 - 13:00	+91-7708194410	yj9971@srmist.edu.in	Sir CV Raman research park
195	Ms.PRIYADHARSHINI K	Student	SRM Institute of Science and Technology	ICONN-2025/0866	Synergistic Effects of Bi-Metal Organic Frameworks and Carbon-Based Composites for Enhanced Hydrogen Storage Applications	Transport and Storage	CP-S2-195	25-Mar-25	2	12:00 - 13:00	+91-9786666183	Pk6745@srmist.edu.in	38,Meikaval street,Chidambaram
196	Dr.SHANMUGHARAJ AM	Faculty	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0884	Deposition regulating electrolyte additive based on metal doped carbon quantum dots for controlling dendrite growth in lithium metal anodes	Transport and Storage	CP-S2-196	25-Mar-25	2	12:00 - 13:00	+91-9566134630	shanmugarajam@ssn.edu.in	Department of Chemistry Sri Sivasubramaniya Nadar College of Engineering (SSNCE) Kalavakkam, Chennai 603110
197	Mr.R. VINOTH KUMAR	Student	The Gandhigram Rural Institute - Deemed to be University	ICONN-2025/0924	Tailoring ZIF-67 Derived Zinc Phosphate @ reduced Graphene Oxide Hybrid Active Electrode for Mg-ion Supercapacitors	Transport and Storage	CP-S2-197	25-Mar-25	2	12:00 - 13:00	+91-8883922130	vino1998ind@gmail.com	Department of Physics, The Gandhigram Rural Institute - Deemed to be University
198	Ms. KARUNA	Researcher	SRMIST, Kattankulathur	ICONN-2025/0981	Investigation of Vanadium substitution of Higher Manganese Silicide for Thermoelectric Applications	Transport and Storage	CP-S2-198	25-Mar-25	2	12:00 - 13:00	+91-8220147166	kj7041@srmist.edu.in	1-2/4, Thirumal nagar, Pandian nagar 1st street, V. Karisalkulam, Madurai
199	Mr.VIJAYSINGH	Researcher	CIPET : SARP : ARSTPS	ICONN-2025/0997	NASICON LAMP Polymer Composite Nanofibers Infiltrated with Lithium Salt as Solid-State Electrolytes for Lithium Batteries	Transport and Storage	CP-S2-199	25-Mar-25	2	12:00 - 13:00	+91-9600588685	vmvijaysingh@gmail.com	vmvijaysingh@gmail.com
200	Ms.SHRUTI	Researcher	CIPET: SARP ARSTS	ICONN-2025/1000	Validating the Electrochemical Performance of Vanadium Carbide, Nitride, and Sulfide Electrodes for Supercapacitors	Transport and Storage	CP-S2-200	25-Mar-25	2	12:00 - 13:00	+91-8778662254	kannan.shruti19@gmail.com	Plot No 46, Door No 95, Flat No F2, MC Home, 3rd Street Poombuhar Nagar, Kolathur, Chennai - 600099.
1	Ms.PREETY YADAV	Student	Netaji Subhas University of Technology	ICONN-2025/0660	Novel MoSe <sub>2</sub> /PANI/MXene Composite for Enhanced Ammonia Sensing: Unraveling Synergy and Real-World Applications	2D materials	CP-S3-001	26-Mar-25	3	12:00 - 13:00	+91-7206396763	preety.yadav.phd22@nsut.ac.in	Block-6, NSUT, Dwarka, New Delhi-110078
2	Ms.ELVEENA JOSE	Student	Vellore Institute of Technology, Vellore	ICONN-2025/0679	Covalent immobilization of MnCuCoP on functionalized V <sub>2</sub> CTx MXene towards enhanced water electrolysis	2D materials	CP-S3-002	26-Mar-25	3	12:00 - 13:00	+91-9497593847	elveenajose@gmail.com	Parekkadan House, Kombara West, P.O. Irinjalakuda, Thrissur, Kerala, 680121
3	Mr.ARUN KUMAR PS	Researcher	VIT	ICONN-2025/0684	Marriage of Phosphorous and VS <sub>2</sub> Nanosheets: An insight on creating defects and interlayer engineering towards Hydrogen Evolution Reaction	2D materials	CP-S3-003	26-Mar-25	3	12:00 - 13:00	+91-9539933739	peeyesarun@gmail.com	DEPT OF PHYSICS, SCHOOL OF ADVANCED SCIENCES, VIT VELLORE, KATPADI, TAMILNADU. 632014
4	Mr.GOWTHAM D G	Student	SRM Institute of science and Technology	ICONN-2025/0690	Thermally evaporated metals on monolayer MoS <sub>2</sub> semiconductor: Role of interface chemistry in Ohmic contact formation	2D materials	CP-S3-004	26-Mar-25	3	12:00 - 13:00	+91-9345687848	gd4134@srmist.edu.in	Fl.No.G-C,Pl.No.59&60 , VGN Southern Drop, Cambridge Street, near Sentamizh nagar park , Kattankulathur, Tamil Nadu 603203
5	Mr.DILIP KUMAR S	Student	Sathyabama Institute of	ICONN-2025/0693	Biomimetic Photo-Responsive thiol-	2D materials	CP-S3-005	26-Mar-25	3	12:00 - 13:00	+91-8610550279	dilipkumar8754@gmail.co	118, Sundar Nagar 4th Avenue,
6	Mr.KALAIARASAN MEGANATHAN	Student	SRM IST KTR	ICONN-2025/0702	Strain engineering of gas phase grown MoS <sub>2</sub> : Strain immunity and doping effect	2D materials	CP-S3-006	26-Mar-25	3	12:00 - 13:00	+91-9003848382	manig4@gmail.com	PhD Student, 2D Materials and Device Laboratory, RRP 205, Sir CV Raman Research Park, SRM Institute of Science and Technology, Chennai, Tamilnadu India - 603203
7	Ms.DEVIKA R S	Student	Sathyabama Institute of Science and Technology, Chennai-119.	ICONN-2025/0722	High-Performance Cu <sub>2</sub> NiSnSe <sub>4</sub> Nanocrystalline Semiconductors: A Scalable Mechanosynthesis Approach for Energy Applications	2D materials	CP-S3-007	26-Mar-25	3	12:00 - 13:00	+91-9566465797	devikasrajan20@gmail.com	Sathyabama Institute of science and technology, jeppiaar Nagar, Semmancheri, Chennai.

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8	Mr.DHARINI A G	Student	SRM university	ICONN-2025/0727	Chitosan nanoparticle encapsulated Chrysin and its cytotoxic effect on Non-small cell lung Cancer cells	2D materials	CP-S3-008	26-Mar-25	3	12:00 - 13:00	+91-8190803457	da2619@srmist.edu.in	sukkal street, ambattur
9	Dr.MARY JENILA	Faculty	St Xaviers College	ICONN-2025/0752	Facile synthesis of rGO/MnSe <sub>2</sub> nanocomposites as an electrode for supercapacitor	2D materials	CP-S3-009	26-Mar-25	3	12:00 - 13:00	+91-8903672129	jeniswilliam@gmail.com	Dept Of Physics, St.Xaviers college ,Palayamkottai Tirunelveli 67002
10	Mr.SARPANGALA VENKATAPRASAD BHAT	Faculty	SRMIST	ICONN-2025/0756	Mechanistic Insights into the Photoluminescence Behaviour of 2D-BCNO	2D materials	CP-S3-010	26-Mar-25	3	12:00 - 13:00	+91-9003169533	venkatab@srmist.edu.in	SRMIST
11	Mr.RINOSH BASKARAN	Student	Sathyabama Institute of Science and Technology	ICONN-2025/0768	Design and Fabrication of MXene-Ni(OH) <sub>2</sub> -rGO Nanocomposites for High Supercapacitor Applications	2D materials	CP-S3-011	26-Mar-25	3	12:00 - 13:00	+91-7010048688	rinoshbaskaran03@gmail.com	No.8, A6 Block, New PRO Quarters, MRC Nagar, Chennai-600028
12	Mr.GANESH GADUDHULA	Researcher	SRMIST	ICONN-2025/0772	Tiling Characteristics of Graphene Nanosheets Stabilized by a Water-Surfactant System Through Self-Assembly at the Liquid-Air Interface.	2D materials	CP-S3-012	26-Mar-25	3	12:00 - 13:00	+91-8074538212	gg6760@srmist.edu.in	SRM Nagar,Potheri
13	Mr.GOPALAKRISHNAN C	Researcher	SRMIST	ICONN-2025/0789	Screening of Metal Salt Amalgam on Graphene Surface for Electronic and Optical Properties: A First Principles Study	2D materials	CP-S3-013	26-Mar-25	3	12:00 - 13:00	+91-9080823391	gopi4017189@gmail.com	190, karaiyur (post), ponnamaravathi (tk),Pudukkottai (dt) 622022
14	Mr.NISHAKAVYA SARAVANAN	Student	SRM Institute of science and Technology	ICONN-2025/0799	Praseodymium Molybdenum Oxide Nanoflowers: Advancements in Sonodynamic Therapy and Ultrasound Imaging	2D materials	CP-S3-014	26-Mar-25	3	12:00 - 13:00	+91-8825893984	ns6262@srmist.edu.in	RRP-809, Biomaterials Research Laboratory, SRM Institute of Science and Technology
15	Mr.PREMANAND G	Student	Srm Institute of Science and Technology	ICONN-2025/0822	Size Tunable CoSe Electrode for Asymmetric Supercapacitor Device	2D materials	CP-S3-015	26-Mar-25	3	12:00 - 13:00	+91-9715305922	pg3528@srmist.edu.in	SRM IST
16	Ms.JOGI DURGA BHAVANI	Student	vit university	ICONN-2025/0834	Chitosan-Derived Porous Carbon and Graphitic Carbon Nitride for Biodegradable Flexible Supercapacitor Electrode	2D materials	CP-S3-016	26-Mar-25	3	12:00 - 13:00	+91-9121910449	jogidurgabhavani1992@gmail.com	Vellore Institute of Technology
17	Mr.S. PERUMAL	Student	SRM Institute of Science and Technology	ICONN-2025/0849	An Analysis of Graphyne Structures by Employing Temperature Indices	2D materials	CP-S3-017	26-Mar-25	3	12:00 - 13:00	+91-8073944502	perumals2@srmist.edu.in	No.10, Ground Floor, Kamaraj Nagar, 1st Street, Sathya Garden Saligramam, Chennai
18	Ms.GANESH SANKARI	Researcher	National Institute of Technology	ICONN-2025/0855	Development of Novel Ti MXene @ Molybdenum Selenide Composite for High Energy Density Supercapacitors	2D materials	CP-S3-018	26-Mar-25	3	12:00 - 13:00	+91-9092210100	gs23cyr1r01@student.nitw.ac.in	National Institute of Technology, Warangal.
19	Mr.HARISH NANDA A	Researcher	SRMIST, Kattankulathur	ICONN-2025/0874	Influence of Substrate and Transfer Process on Mid-gap States in MoS <sub>2</sub>	2D materials	CP-S3-019	26-Mar-25	3	12:00 - 13:00	+91-9629889640	ha7619@srmist.edu.in	SRMIST, kattankulathur, chengalpattu. 603203
20	Dr.KOVENDHAN MANAVALAN	Faculty	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0895	Enhancing the electrochemical performance of ternary heterostructure catalyst using 2D TMDCs and rGO	2D materials	CP-S3-020	26-Mar-25	3	12:00 - 13:00	+91-9884105157	kovendhm@srmist.edu.in	Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu.
21	Ms.DIPANJALI SWAIN	Student	Centurion University of Technology and Management, Odisha, India	ICONN-2025/0925	The Development of New Hybrid Nanocomposites of Aluminum Metal Matrix Reinforced with Graphene and Silicon Carbide	2D materials	CP-S3-021	26-Mar-25	3	12:00 - 13:00	+91-7978563850	tapanphy@gmail.com	Centurion University of Technology and Management, Odisha, India
22	Mr.VIJAYKUMAR MURUGAN	Researcher	SRMIST, CHENNAI	ICONN-2025/0950	Engineering photoluminescence in Nb-doped MoS <sub>2</sub> monolayers grown by metal-organic CVD	2D materials	CP-S3-022	26-Mar-25	3	12:00 - 13:00	+91-7639979074	vm9511@srmist.edu.in	Room No: 206, 2D materials and Devices Laboratory, Raman Research Park, SRMIST, kattankulathur. Pin code: 603203

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23	Ms.THAMANNA MUSTHAFA CH	Student	Central University of Tamil Nadu	ICONN-2025/0958	Nano V2O5 @ Graphene-Carbon Dot-MXene Based Electrochemical Sensor for Environmental Lead Detection	2D materials	CP-S3-023	26-Mar-25	3	12:00 - 13:00	+91-9778338988	thamannamusthafa88@gmail.com	Haven, K.K Angadi,kuruva kootilangadi(PO)
24	Ms.KEERTHI VIJAYAN	Student	Srm institute of Science and Technology	ICONN-2025/0966	PCL, AGAROSE, CMC AND HYALOURONIC ACID BASED FILLER FOR NON SURGICAL RHINOPLASTY	2D materials	CP-S3-024	26-Mar-25	3	12:00 - 13:00	+91-7012782900	Drkeerthivijayan@gmail.com	Thiruvathira thekveila P.O kollam kerala
25	Ms.KOWSALYA	Researcher	SRMIST-KTR campus	ICONN-2025/1012	Enhanced Thermoelectric Properties of Gd-Doped Bi2Se3 Through Band Gap Engineering and Thermal Conductivity Reduction	2D materials	CP-S3-025	26-Mar-25	3	12:00 - 13:00	+91-9361305957	ks3984@srmist.edu.in	2/273 T. Thurinchihalli (vill), Thengarikottai (PO), Pappireddipatti(tk), Dharmapuri (dt). 636904.
26	Ms.MAHALAKSHMI	Student	Vellore Institute of Technology, Chennai	ICONN-2025/0624	Scrutinizing the effect of halides on various properties of Rb2BiAuX6 (X=Cl, Br) double perovskite for Photovoltaic and thermoelectric applications – A DFT approach	Computational Materials	CP-S3-026	26-Mar-25	3	12:00 - 13:00	+91-9952117235	mahalakshmi.p2020@vitstudent.ac.in	Police Quarters, Melakkotaipur, Chennai 600127
27	Ms.HANNAH JENIFFER I	Student	Vellore Institute of Technology, chennai.	ICONN-2025/0652	Structure Dependent Thermoelectric Properties in Half Heusler Alloys	Computational Materials	CP-S3-027	26-Mar-25	3	12:00 - 13:00	+91-9840237535	hannahjeniffer1@gmail.com	NO.17, AS1 THAI GURUVAYURAPPA FLATS, NEW COLONY 1st STREET,PAZHAVANTHAANGAL
28	Ms.SNEIGITHA	Student	SRM Univerity-AP	ICONN-2025/0767	Electronic Transport in Radial $\pi$ -Conjugated Macrocyclic Molecules: A Density Functional Theory Study	Computational Materials	CP-S3-028	26-Mar-25	3	12:00 - 13:00	+91-8778803380	sneigitha_g@srmep.edu.in	No:23/b,thirumal nagar,1st cross,Lenin street,saram,Puducherry-605013.
29	Mr.SANJAY KUMAR	Researcher	SRM IST	ICONN-2025/0788	GCMC Investigation of Cationic Influence in Ionic Liquid-Impregnated UiO-66 for Optimized CO <sub>2</sub> Capture	Computational Materials	CP-S3-029	26-Mar-25	3	12:00 - 13:00	+91-6382097583	msanjay2412199@gmail.com	34, reddiyar street, kasbakaranai ,
30	Mr.BHARATH SHIRPI THASAN K S	Researcher	SRM institute of Science and Technology	ICONN-2025/0798	Influence of vacancy and adsorption properties of Hydrogen-based gases on monolayer Boron Phosphide (BP)- An ab initio investigation.	Computational Materials	CP-S3-030	26-Mar-25	3	12:00 - 13:00	+91-9489723780	bt3984@srmist.edu.in	Department of Physics and Nanotechnology SRMIST
31	Mr.SAGAR ARORA	Corporate Delegate	Renault Nissan Technology and Buisness Centre India	ICONN-2025/0804	A Machine Learning Approach for Molecular Descriptors Selection and Flory-Huggins Parameter Prediction	Computational Materials	CP-S3-031	26-Mar-25	3	12:00 - 13:00	+91-9717473345	arora.sagar@rntbci.com	D4, Block 3 , Cerebos Green Park , Velachery
32	Ms.SHAMIYUBTHA SHIRI RAJENDRAN	Researcher	SRMIST KTR	ICONN-2025/0833	BRIDGING MACHINE LEARNING AND FIRST-PRINCIPLES CALCULATIONS FOR DISCOVERING NEW THERMOELECTRIC MATERIALS WITH ENHANCED EFFICIENCY- A PERSPECTIVE	Computational Materials	CP-S3-032	26-Mar-25	3	12:00 - 13:00	+91-9443833907	shindhura001@gmail.com	56, Bharathiyar street, Potheri, Chengalpattu
33	Mr.VIJAY	Student	SRM Institute of Science and Technology, Kattankulathur.	ICONN-2025/0852	First Principles Investigation of Physical Properties of 312 MAX Phase Carbides Ti3AC2 (A = Ti and Pb)	Computational Materials	CP-S3-033	26-Mar-25	3	12:00 - 13:00	+91-8428822486	vs3769@srmist.edu.in	Department of Physics and Nanotechnology
34	Dr.K.JANANI SIVASANKAR	Faculty	SRMIST	ICONN-2025/0957	First Principle Calculations on Drug Delivery System Using Functionalized Zigzag Graphene Nanoribbon and Derived Isothiocyanates of Glucosinolates	Computational Materials	CP-S3-034	26-Mar-25	3	12:00 - 13:00	+91-9952064785	jananik@srmist.edu.in	NO.79/1 KABALI NAGAR MAIN ROAD KABALI NAGAR ADHANUR, GUDUVANCHERY
35	Dr. K. Iyakutti	Faculty	SRMIST-KTR campus	ICONN-2025/1013	Anode Engineering and enhancement of charge state of Li+ in Lithium ion battery- A DFT based Computational study	Computational Materials	CP-S3-035	26-Mar-25	3	12:00 - 13:00		C27789@srmist.edu.in	

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
36	Mr.HAMEED ALI	Student	SRM COLLEGE OF AGRICULTURAL SCIENCES	ICONN-2025/0916	Assessment on foliar application of ZnO nanoparticles on the physiological traits, yield and biochemical characters of guava (Psidium guajava) var Arka kiran	Environmental Nanotechnology	CP-S3-036	26-Mar-25	3	12:00 - 13:00	+91-9444281592	ha8862@srmist.edu.in	42 gandhi street chenguttai katpadi vellore
37	Ms.DEVIKA	Student	SRM college of Agricultural sciences, SRM University	ICONN-2025/0933	Engineered Carbon Nanodots to Enhance Drought Stress Tolerance in Brinjal	Environmental Nanotechnology	CP-S3-037	26-Mar-25	3	12:00 - 13:00	+91-7904598802	ds1624@srmist.edu.in	SRM college of Agricultural sciences, Baburanyanpettai,Chengalpattu District
38	Mr.PREM KUMAR V	Researcher	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0947	Synergistic Effects of Nanoparticles and Biofertilizers on Amanarathus viridis Growth	Environmental Nanotechnology	CP-S3-038	26-Mar-25	3	12:00 - 13:00	+91-9944349992	pv4817@srmist.edu.in	21/A, MARUTHI MANDABAM BACKSIDE, JOLARPETTAI.
39	Dr.S.PRAKASH CHANDAR	Faculty	SRM IST	ICONN-2025/1003	Microstructural analysis and effects of polypropylene and coir fiber in concrete	Environmental Nanotechnology	CP-S3-039	26-Mar-25	3	12:00 - 13:00	+91-9962042224	prakashs2@srmist.edu.in	Department of Civil Engineering SRM IST
40	Mr.ASHISH MADHUKAR JADHAV	Scientist	ICAR-IIWM	ICONN-2025/0667	Smart irrigation water quality monitoring through IoT enabled biologically synthesized nano sensor	Green Nanotechnology and Water Treatment	CP-S3-040	26-Mar-25	3	12:00 - 13:00	+91-9987281655	ashijadhav20@gmail.com	DSK PROJECT D WING D 713 KALYAN NAGRI SANGLE WADI BAILBAZAR KALYAN WEST
41	Ms.SHANTHOSH SHREE SOLAIRAJAN	Student	Saveetha School of Engineering, SIMATS, Thandalam	ICONN-2025/0674	An Analysis of CuS and Ni-Doped CuS Generated at maximum pH and Utilized as Catalysts to Treat Gray Water Pollutants in Sewage under Day Light	Green Nanotechnology and Water Treatment	CP-S3-041	26-Mar-25	3	12:00 - 13:00	+91-8939169873	shanthoshshree@gmail.com	No. 125, Ranga Nagar, 3rd street, Thirunermalai Road, Chrompet, Chennai, 600 04.
42	Mr.NANDANA SADANANDAN	Researcher	SRM IST Kattankulathur	ICONN-2025/0732	BiVO <sub>4</sub> /AgFeO <sub>2</sub> N-N heterostructure for the photocatalytic decomposition of Ciprofloxacin and Methylene Blue	Green Nanotechnology and Water Treatment	CP-S3-042	26-Mar-25	3	12:00 - 13:00	+91-9544937976	ns0775@srmist.edu.in	Plachiyil House Kalathoor PO Kuravilangadu 686633
43	Dr.MAHESWARAN RATHINAM	Faculty	SRM Institute of Science and Technology	ICONN-2025/0748	Eco-friendly synthesis of ZnO NPs using M spicata L for photocatalytic degradation of antibiotics and catalytic reduction of nitrophenols	Green Nanotechnology and Water Treatment	CP-S3-043	26-Mar-25	3	12:00 - 13:00	+91-9940034927	maheswar@srmist.edu.in	Department of Physics and Nanotechnology SRM IST, KTR
44	Ms.KIRUTHIKA MURUGESAN	Researcher	SRMIST	ICONN-2025/0764	Bio-synthesized CuO nanoparticles using Spinacia oleracea for catalytic reduction of nitrophenols and azo dyes	Green Nanotechnology and Water Treatment	CP-S3-044	26-Mar-25	3	12:00 - 13:00	+91-6382278389	km0269@srmist.edu.in	12 street, anni sathya nagar, Arumbakkann, chennai.
45	Ms.ASIMA PRADHAN	Researcher	MIDNAPORE COLLEGE (AUTONOMOUS)	ICONN-2025/0794	Enhanced antimicrobial efficacy of a highly efficient composite derived from agro-industrial waste-sourced chitosan and silver nanoparticles	Green Nanotechnology and Water Treatment	CP-S3-045	26-Mar-25	3	12:00 - 13:00	+91-7797306305	asimazooology@gmail.com	VILL- BIRBHANUPUR, P.O.- LOKEPITH, P.S.- SABANG, DIST.- PASCHIM MEDINIPUR, STATE- WEST BENGAL, PIN-721144
46	Dr.ABHISHEK SINGH SINDHU	Researcher	SRM Institute of Science and Technology	ICONN-2025/0906	Acoustic shock wave treatment of TiO <sub>2</sub> for efficient photocatalytic activity	Green Nanotechnology and Water Treatment	CP-S3-046	26-Mar-25	3	12:00 - 13:00	+91-9531828919	singhabhi2525@gmail.com	RRP-206, SRM Institute of Science and Technology, Kattankulathur 603 203
47	Ms.JUHI SAYALA	Student	Indian Institute of Technology Knapur	ICONN-2025/0615	Engineering Luminescent Lanthanide thin films on chitosan surface: Photophysical properties and application	Interfaces and Thin films	CP-S3-047	26-Mar-25	3	12:00 - 13:00	+91-7895986357	juhi@iitk.ac.in	IIT Kanpur
48	Ms.V DIVYA	Researcher	kumaraguru college of technology	ICONN-2025/0622	Effect of Distance Variation on NiFeWmMn High Entropy Alloy Properties	Interfaces and Thin films	CP-S3-048	26-Mar-25	3	12:00 - 13:00	+91-9095175692	divyaviji333@gmail.com	Kumaraguru College of Technology, Coimbatore-49
49	Mr.MIDHUN MANOJ	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0629	Fabrication and Electrochemical Properties of RF-Sputtered Fe <sub>2</sub> O <sub>3</sub> Thin-Films for Aqueous-Based Zinc-Ion Batteries	Interfaces and Thin films	CP-S3-049	26-Mar-25	3	12:00 - 13:00	+91-9894399727	mk8131@srmist.edu.in	No.89, KRC Brindhavan, Devampalayam, Avinashi, Tiruppur, Tamilnadu - 641652

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
50	Mr.ATHUL NAKULAN	Student	Bharathiar University	ICONN-2025/0642	Surface wettability and photocatalytic activity of modified TiO-SiO thin films	Interfaces and Thin films	CP-S3-050	26-Mar-25	3	12:00 - 13:00	+91-9513219092	athulnakulan.physics@buc.edu.in	Department of Physics, Bharathiar University, Coimbatore - 641046
51	Ms.DEEPTHA.G	Student	Lady Doak College, Madurai	ICONN-2025/0643	Carboxymethyl Cellulose-Guar Gum-Sodium Alginate/ZnO: A tunable Superabsorbent Hydrogel for Feminine Hygiene Applications	Interfaces and Thin films	CP-S3-051	26-Mar-25	3	12:00 - 13:00	+91-7550129420	23pche04@lde.edu.in	Nehru nagar extn, railway station opposite, Hosur.
52	Mr.MANIKANDAN	Faculty	Government College of Engineering	ICONN-2025/0647	Exploring the Structural, Optical, and Morphological Attributes of Magnesium-Doped Zirconium Oxide Thin Films: A Comprehensive Study	Interfaces and Thin films	CP-S3-052	26-Mar-25	3	12:00 - 13:00	+91-8883985473	manikandan1983414@gmail.com	Government College of Engineering, Palayam - Bodi Rd, near B.Renganathapuram, Bodinayakanur - 625582
53	Ms.VANMATHI RAVICHANDRAN	Student	SRMIST	ICONN-2025/0724	h-BN Nanosheets Ethylene Vinyl Acetate Composite Films for Thermal Management Applications	Interfaces and Thin films	CP-S3-053	26-Mar-25	3	12:00 - 13:00	+91-9789096916	vr8815@srmist.edu.in	Mahatma Gandhi Rd, Potheri, SRM Nagar,.
54	Ms.RAJESWARI RAMASAMY	Student	Saveetha University/Saveetha Institute of Medical And Technical Sciences	ICONN-2025/0729	MoS <sub>2</sub> /NiFe-LDH-Modified Cellulose Acetate Membranes: A Novel Approach for Sustainable Wastewater Treatment	Interfaces and Thin films	CP-S3-054	26-Mar-25	3	12:00 - 13:00	+91-9123552978	raji260212@gmail.com	SIMATS School of Engineering, Saveetha Nagar, Thandalam, Chennai - 602 105 Tamil Nadu, India.
55	Ms.PAVITHRA	Student	SRM Institute of science and Technology	ICONN-2025/0792	In Situ Formation of rGO-integrated Copper Bismuth Selenide as a Near-Infrared-Active Photo(electro)catalyst for Water Splitting	Interfaces and Thin films	CP-S3-055	26-Mar-25	3	12:00 - 13:00	+91-8610936075	pr6139@srmist.edu.in	14 Gandhinagar, Melmanagar, Mangadu, Chennai-600122
56	Mr.SANDIP BHIMRAO KAKADE	Student	Tuljaram Chaturchand College of Arts, Science and Commerce, Baramati	ICONN-2025/0975	"Impact of Annealing on the Structural, Morphological, Electrical, and Gas Sensing Properties of MoO <sub>3</sub> Thin Films Deposited via Thermal Evaporation"	Interfaces and Thin films	CP-S3-056	26-Mar-25	3	12:00 - 13:00	+91-9881414192	kakadesandipphy@gmail.com	A/P: PHALTAN, MANGALWAR PETH NEAR Dr. B. R. AMBEDKAR SMRUTI BHAWAN, TAL: PHALTAN, DIST: SATARA
57	Ms.USHITA ROY	Researcher	Centre for Nano and Soft Matter Sciences, Bengaluru	ICONN-2025/0590	Synthesis and Growth Mechanism Study of CuSbS <sub>2</sub> via One-pot Synthesis	Manipulation and Characterization of Materials at Nanoscale	CP-S3-057	26-Mar-25	3	12:00 - 13:00	+91-6294417062	ushitaroy13@gmail.com	Centre for Nano and Soft Matter Sciences(CeNS), Arkavathi, Survey No.7, Shivanapura, Dasanapura Hobli, Bengaluru - 562162
58	Mr.ABHISHEK ROY	Researcher	Centre for Nano and Soft Matter Sciences (CeNS)	ICONN-2025/0592	Defect-Induced Persistent Photocurrent in Cu <sub>2</sub> SnS <sub>3</sub> Nanocrystals: Insights from HRTEM and Surface Passivation	Manipulation and Characterization of Materials at Nanoscale	CP-S3-058	26-Mar-25	3	12:00 - 13:00	+91-8116907972	abhishekroy325@gmail.com	Arkavathi, Survey No.7, Shivanapura, Dasanapura Hobli, Bengaluru - 562162
59	Ms.RIYA DEY	Student	Vellore Institute of Technology	ICONN-2025/0605	Fabrication and Characterization of PAMAM Dendrimer-Stabilized Ag@Au Bimetallic Nanoparticles	Manipulation and Characterization of Materials at Nanoscale	CP-S3-059	26-Mar-25	3	12:00 - 13:00	+91-7384969156	riya.dey2022@vitstudent.ac.in	Katpadi , Vellore, Tamil Nadu, 632014
60	Ms.MIRIAM DANIEL	Researcher	SRM Institute of Science and Technology	ICONN-2025/0776	Defect Engineered Ni-MOF as a dual-responsive sensor for an antibiotic and an associated biomarker	Manipulation and Characterization of Materials at Nanoscale	CP-S3-060	26-Mar-25	3	12:00 - 13:00	+91-8289845047	miriamd.1603@gmail.com	404, Sir C. V. Raman Research Park, SRM Institute of Science and Technology, Kattankulathur
61	Mr.KARTHIK	Student	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0819	Mechanochemical Reduction Route for Antimony (Sb) Extraction from Antimony Sulphide (Sb <sub>2</sub> S <sub>3</sub> )	Manipulation and Characterization of Materials at Nanoscale	CP-S3-061	26-Mar-25	3	12:00 - 13:00	+91-8148487301	ka8833@srmist.edu.in	SRM Institute of Science and Technology, Kattankulathur, chengalpattu, 603203
62	Ms.RAMYASHREE	Student	SRM University	ICONN-2025/0466	Impact of Mesocrystal Design on Structural and Thermoelectric Behaviour of Zinc Oxide Material	Multifunctional Nanomaterials	CP-S3-062	26-Mar-25	3	12:00 - 13:00	+91-9360077469	rs0959@srmist.edu.in	Vgn southern drop, sentamizh Nagar kattangulathur.
63	Mr.NAVEEN T B	Student	SRM Institute of Science and Technology	ICONN-2025/0530	Nickel-Impregnated Talc: A Whole New Perspective of Natural Minerals for Energy Storage Applications	Multifunctional Nanomaterials	CP-S3-063	26-Mar-25	3	12:00 - 13:00	+91-8939369408	nt7964@srmist.edu.in	Department of Physics and nanotechnology, SRM Institute of Science and Technology

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
64	Mr.G SARATHY	Student	Srm institute of arts and science	ICONN-2025/0551	Exploring layered MoS3 for long Cyclable high-performance supercapacitors	Multifunctional Nanomaterials	CP-S3-064	26-Mar-25	3	12:00 - 13:00	+91-9095876079	Sg6078@srmist.edu.in	Monday market, Ayothiapattinam Salem-636106
65	Mr.AMRITA GHOSH MAJUMDAR	Student	KIIT School of Biotechnology, KIIT University	ICONN-2025/0619	Smart multifunctional microgel-bimetallic nanoparticle (pNIPAM-co-AAc@AgAu) hybrid: A very potent catalyst and antimicrobial agent	Multifunctional Nanomaterials	CP-S3-065	26-Mar-25	3	12:00 - 13:00	+91-9348762538	amritoghoshmajumdar@gmail.com	5, Arabinda Road, New Barrackpur, Kolkata-700131, West Bengal
66	Mr.KARTHIK RACHRALA	Student	Sathyabama Institute of Science and Technology	ICONN-2025/0785	MXene-MnO <sub>2</sub> -rGO Ternary Nanocomposites: Engineering High-Energy-Density Asymmetric Supercapacitors	Multifunctional Nanomaterials	CP-S3-066	26-Mar-25	3	12:00 - 13:00	+91-6302756836	karthik030204@gmail.com	4-50,himagirinagar colony,hydershakote,hyderabad,500091
67	Dr.GEETHA ARUNACHALAM ARUNACHALAM	Faculty	SRMIST	ICONN-2025/0821	Enhanced electrochemical performance of TiO <sub>2</sub> /Mn <sub>2</sub> O <sub>3</sub> Nanocomposite in different electrolyte environments	Multifunctional Nanomaterials	CP-S3-067	26-Mar-25	3	12:00 - 13:00	+91-9944913337	geethaa@srmist.edu.in	geethaa@srmist.edu.in
68	Mr.YUKTA SHARMA	Student	IIT Indore	ICONN-2025/0840	Nanostructured High-k Dielectric Material - Structural Optimization and Thermal Stabilization	Multifunctional Nanomaterials	CP-S3-068	26-Mar-25	3	12:00 - 13:00	+91-8700739045	mscphd2203151014@iiti.ac.in	Department of Physics, IIT Indore
69	Ms.AISWARYA	Researcher	IIITDM Kancheepuram/ SIDI	ICONN-2025/0848	Development of a wearable sensor to monitor blood pressure and compute ABI	Multifunctional Nanomaterials	CP-S3-069	26-Mar-25	3	12:00 - 13:00	+91-9048662206	id22d0003@iiitdm.ac.in	Melakottaiyur Off Kelambakkam - Vandalur Road Kandigai
70	Ms.KRINA CHETANBHAI GODA	Student	Jain (Deemed-to-Be) University	ICONN-2025/0900	Development of Tri-phase Multicomponent (TPMC) based Functionally Graded Material (FGM) for aerospace re-entry vehicles	Multifunctional Nanomaterials	CP-S3-070	26-Mar-25	3	12:00 - 13:00	+91-9328924181	krinasm1710@gmail.com	45th km, NH - 209,Jakkasandra Post, Bengaluru - Kanakapura Rd, Bengaluru, Karnataka 562112
71	Mr.ASWIN RAJ. I	Researcher	SRM Institute of Science and Technology	ICONN-2025/0923	Lanthanide-doped SrZrO <sub>3</sub> : A pathway to enhanced luminescence for Bioimaging applications	Multifunctional Nanomaterials	CP-S3-071	26-Mar-25	3	12:00 - 13:00	+91-8754484137	iaswinraaj@gmail.com	No. 190, PKS Flats, Cheran street, Ganesh Nagar, East Tambaram, Chennai 600073
72	Mr.ROHAN KUMAR DAS	Student	Graphene as Very Impactful Material for Improving the Properties of Aluminium Matrix	ICONN-2025/0940	Graphene as Very Impactful Material for Improving the Properties of Aluminium Matrix	Multifunctional Nanomaterials	CP-S3-072	26-Mar-25	3	12:00 - 13:00	+91-8763871293	tapurev@gmail.com	Odisha University of Technology and Research, Bhubaneswar, Odisha, India
73	Dr.TAMILMANI VAIRAPPERUMAL	Faculty	Sri Sivasubramaniya Nadar College of Engineering	ICONN-2025/0968	Cauliflower like NaYbF <sub>4</sub> Nanostructures as a Green Upconversion Host	Multifunctional Nanomaterials	CP-S3-073	26-Mar-25	3	12:00 - 13:00	+91-9791560003	tamilmaniv@ssn.edu.in	DEPARTMENT OF CHEMISTRY, Sri Sivasubramaniya Nadar College of Engineering, KALAVAKKAM, CHENNAI-603110
74	Dr.SINDHU SUBRAMANIAN	Faculty	Amrita school of engg,Ettimadai	ICONN-2025/0995	Sustained drug release of Fluorouracil-5 with pH responsive nanocarrier	Multifunctional Nanomaterials	CP-S3-074	26-Mar-25	3	12:00 - 13:00	+91-9445239063	sindanbu@gmail.com	Department Of Chemical Engineering And Materials Science Amrita School Of Engineering
75	Ms.AKANKSHA	Student	Netaji Subhas University of Technology, Sector-3, Dwarka, New Delhi	ICONN-2025/0999	A study on effect of frequency and temperature dielectric parameters in La <sup>3+</sup> doped Ni-Zn nano spinel ferrites	Multifunctional Nanomaterials	CP-S3-075	26-Mar-25	3	12:00 - 13:00	+91-9306516938	akankshakundu1604@gmail.com	Netaji Subhas University of Technology
76	Mr.NEILAH FIRZAN CA	Student	Rajiv Gandhi Centre for Biotechnology	ICONN-2025/0793	Dual Functional Alpha-Helical Pores for Enhanced Amyloid Detection	Nanobiotechnology	CP-S3-076	26-Mar-25	3	12:00 - 13:00	+91-9495916103	neilahfirzan@rgcb.res.in	Rajiv Gandhi Centre for Biotechnology (RGCB), Cheruvikkal Village Office road, Aakkulam, Thiruvananthapuram, Kerala 695011

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77	Mr.JOHNSON T	Student	SRM UNIVERSITY OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR CAMPUS	ICONN-2025/0796	Fabrication of Mothership Capsules using Polymers for Lipase Enzymes Delivery to Treat Pancreatic Insufficiency	Nanobiotechnology	CP-S3-077	26-Mar-25	3	12:00 - 13:00	+91-9566091301	jt5019@srmist.edu.in	RRP 809, 8th floor, BIO-MATERIALS RESEARCH LABORATORY SIR. C.V RAMAN RESEARCH PARK, SRM UNIVERSITY OF SCIENCE AND TECHNOLOGY, KATTANKULATHUR CAMPUS.
78	Ms.SAKSHI BAJHAL	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0809	Fabrication of Rhombus-Shaped $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> Nanoparticles Targeted Antibacterial and Anticancer Therapy	Nanobiotechnology	CP-S3-078	26-Mar-25	3	12:00 - 13:00	+91-7999171278	sakshib@srmist.edu.in	Sir C.V. Raman Building, SRM IST
79	Mr.GIFTLIN GEORGE	Researcher	SRM Institute of Science and Technology	ICONN-2025/0876	AI-Integrated Nano-biosensors: Revolutionizing Chronic Disease Management Through Nanotechnology-Healthcare Convergence	Nanobiotechnology	CP-S3-079	26-Mar-25	3	12:00 - 13:00	+91-8754217435	gg7370@srmist.edu.in	Department of Physics and Nanotechnology, SRM Institute of Science and Technology, Kattankulathur, Tamilnadu - 603203
80	Mr.KAPILASHIWAA KUMAR	Student	SRM university	ICONN-2025/0941	BIOMIMETIC SYNTHESIS AND CHARACTERIZATION OF GOLD NANOPARTICLES USING Punica granatum LEAF EXTRACT	Nanobiotechnology	CP-S3-080	26-Mar-25	3	12:00 - 13:00	+91-7200544189	ks5466@srmist.edu.in	8th Street NO.177 Vishnupriya Avenue, nandhivaram, guduvancheri
81	Ms.TARINI BARDEJA	Student	SRM Institute of Science and Technology, Potheri	ICONN-2025/0952	Synthesis and Characterization of $\beta$ -TCP-PEG-MWCNT-Calcin loaded composite scaffold	Nanobiotechnology	CP-S3-081	26-Mar-25	3	12:00 - 13:00	+91-9696633961	tb3463@srmist.edu.in	SVS PG Near TRS HOSTEL,SRM Institute of Science and Technology, Potheri
82	Ms.KIRITHIKA M	Student	SRM Institute of Science and Technology	ICONN-2025/0983	Synthesis and Characterization of beta TCP-PEG-CNT-Calcin composite scaffold	Nanobiotechnology	CP-S3-082	26-Mar-25	3	12:00 - 13:00	+91-6369174633	mg0761@srmist.edu.in	309, SLN Luxury PG for Ladies, DAC Midtown, SRM Nagar, Kattankulathur
83	Ms.TRISHA SAHA	Student	S.R.M Institute of Science and Technology	ICONN-2025/0984	Synthesis and Characterization of $\beta$ -TCP-PEG-MWCNT-Calcin loaded composite scaffold	Nanobiotechnology	CP-S3-083	26-Mar-25	3	12:00 - 13:00	+91-7369041017	ts6331@srmist.edu.in	Sln luxury pg, srm nagar, potheri, chennai
84	Mr.SAATHVIKA LAKSHMANAN	Student	National Institute of Technology, Tiruchirappalli	ICONN-2025/0651	Synthesis and characterization of surfactant-free CuO-GO nanosheets for photocatalytic and antibacterial efficacy	Nanocomposites and Nanocatalysts	CP-S3-084	26-Mar-25	3	12:00 - 13:00	+91-8610818086	saathvikalakshmanan@gmail.com	Thin film lab, Department of Physics, NIT, Tiruchirappalli, 620015
85	Mr.REENA FRANCY B	Student	LOYOLA COLLEGE, CHENNAI	ICONN-2025/0680	Hydrothermal Synthesis of Reinforced HAp/ZnO Nanocomposite and Exploring its Biomedical Applications	Nanocomposites and Nanocatalysts	CP-S3-085	26-Mar-25	3	12:00 - 13:00	+91-8248229214	breenafrancy13@gmail.com	LOYOLA COLLEGE, CHENNAI
86	Mr.MUHAMMED MUNEEER S	Faculty	TKM College of Engineering	ICONN-2025/0801	Effect of cryotreatment on the microstructural evolution of Ti-Al-Ni-Cr-Co-Fe based high entropy alloy with nano TiC precipitates	Nanocomposites and Nanocatalysts	CP-S3-086	26-Mar-25	3	12:00 - 13:00	+91-9037951519	itsmuhammedmuneer@gmail.com	Shakkir Manzil, Universal Nagar 81-A, Kilikollur P.O, Kollam, Kerala, India - 691004
87	Ms. AKSHATHA CHANDRASHEKAR	Student	MS Ramaiah University of Applied Sciences	ICONN-2025/0803	Enhancement in Thermal Management Performance of Room Temperature Vulcanized Silicone Rubber Films through Bioinspired Non-Covalent Surface Functionalization and Synergy Effect	Nanocomposites and Nanocatalysts	CP-S3-087	26-Mar-25	3	12:00 - 13:00	+91-8722891878	akshatha0781996@gmail.com	Flat no 005, SLV's Engineer's Enclave Phase 2, STS Road, Bagaluru, Bengaluru ? 560063
88	Mr.JENSON SAMRAJ JEYAPRAKASH	Researcher	S.R.M. Institute of Science and Technology	ICONN-2025/0811	Sonochemical degradation of tetracycline and pharmaceutical effluent from the aqueous environment: Maximizing efficiency with S-scheme photocatalyst	Nanocomposites and Nanocatalysts	CP-S3-088	26-Mar-25	3	12:00 - 13:00	+91-9788674846	jj4881@srmist.edu.in	245A, Christian colony Tenkasi - 627 811
89	Mr.SANJU RANI	Faculty	SRMIST	ICONN-2025/0828	Effect of glycerol treatment on photoelectrochemical properties of TiO <sub>2</sub> nanoparticles	Nanocomposites and Nanocatalysts	CP-S3-089	26-Mar-25	3	12:00 - 13:00	+91-9840928650	sanjur@srmist.edu.in	SRMIST Ramapuram

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90	Mr.METTURU MANOJ KUMAR	Student	HINDUSTAN INSTITUTE OF TECHNOLOGY AND SCIENCE	ICONN-2025/0830	EFFECT OF CHOPPED CARBON FIBER REINFORCED IN BAMBOO FIBER / EPOXY NATURAL COMPOSITE LAMINATE	Nanocomposites and Nanocatalysts	CP-S3-090	26-Mar-25	3	12:00 - 13:00	+91-9439401140	metturumanojkumar1234@gmail.com	MIGC-304, SAGAR NAGAR BEACH, VISAKHAPATNAM ANDHRA PRADESH,530045
91	Ms.GEETIKA SAHU	Student	BITS Pilani, Hyderabad Campus	ICONN-2025/0841	Enhancement in the mechanical properties of PVA-MoS2 QD composite: An experimental and numerical study	Nanocomposites and Nanocatalysts	CP-S3-091	26-Mar-25	3	12:00 - 13:00	+91-7047409060	geetika3107sahu@gmail.com	BITS Pilani, Hyderabad Campus
92	Ms.M.KEERTHANA	Student	Bharathiar University	ICONN-2025/0844	Dimensional Engineering of Ni-Mn MOF Composites: Unveiling the Electrochemical Influence of 1D MWCNT and 2D rGO for High-Performance Supercapacitors	Nanocomposites and Nanocatalysts	CP-S3-092	26-Mar-25	3	12:00 - 13:00	+91-8072882664	keerthanamurugan153@gmail.com	Department of Nanoscience and Technology Bharathiar University Coimbatore 641046
93	Dr.NIRMALA NIRMALA DEVI	Student	Girijananda Chowdhury University	ICONN-2025/0845	Tuning the Synthesis and Properties of CuO Nanoparticle Co-catalysed Alkyd Resins Based on Non-edible Plant Seed Oils	Nanocomposites and Nanocatalysts	CP-S3-093	26-Mar-25	3	12:00 - 13:00	+91-9435654166	nirmaladevi20401947@gmail.com	Girijananda Chowdhury University, Hathkhopwara, Azara, Guwahati, Assam-781017, India
94	Ms.SINDHU SANAKAL	Student	SRM Institute of Science and Technology	ICONN-2025/0847	Green Synthesis of Alginate-aminoclay/CuO nanocomposite beads for catalytic reduction of toxic nitroaromatic compounds	Nanocomposites and Nanocatalysts	CP-S3-094	26-Mar-25	3	12:00 - 13:00	+91-7022112130	ss1452@srmist.edu.in	Rabkavi, Bagalkot-587314, Karnataka
95	Mr.RENJISH VIJAY	Faculty	APJ Abdul Kalam Technological University Thiruvananthapuram	ICONN-2025/0871	Microstructure and Mechanical Characterisation of Al6061 Metal Matrix Composite reinforced with AlNbTaZr Refractory High Entropy Alloy particle	Nanocomposites and Nanocatalysts	CP-S3-095	26-Mar-25	3	12:00 - 13:00	+91-8281163877	renjishvijay@gmail.com	Department of Mechanical Engineering, Vidya Academy of Science & Technology, Thrissur
96	Dr.MURALIKRISHNA MOLLI	Faculty	Sri Sathya Sai Institute of Higher Learning	ICONN-2025/0875	KBiFe2O5/rGO Composite with Enhanced Visible-Light-Induced Photocatalytic Activity towards Organic Pollutant Degradation	Nanocomposites and Nanocatalysts	CP-S3-096	26-Mar-25	3	12:00 - 13:00	+91-8074994910	muralikrishnamolli@sssihl.edu.in	Department of Physics, Sri Sathya Sai Institute of Higher Learning, Prasanthi Nilayam, Sri Sathya Sai District, Andhra Pradesh. PIN 515134
97	Mr.PRAVEEN KANNAN	Student	CSIR IMMT, Bhubaneswar	ICONN-2025/0879	Metal-Metal Sulphide based Hybrid Materials for Advanced Electromagnetic Applications	Nanocomposites and Nanocatalysts	CP-S3-097	26-Mar-25	3	12:00 - 13:00	+91-7904787057	pravikans@gmail.com	CSIR Institute of Minerals and Materials Technology, RRL Campus, Sachivalaya Marg, Acharya Vihar, Bhubaneswar - 751013, Odisha
98	Mr.KIRANVISHAL	Student	SRM institute of Science and Technology	ICONN-2025/0912	Synthesis and characterization of paringenin loaded PAA-Agarose/Fe3O4@SiO2 nanocomposite: Assessment of its effect on Lung cancer cells (A549)	Nanocomposites and Nanocatalysts	CP-S3-098	26-Mar-25	3	12:00 - 13:00	+91-8838418549	kv1736@srmist.edu.in	No:1/24, 1st cross street, pallikuppam, chokalingam nagar, vanagaram, chennai
99	Mr.AKHILA	Student	Center for Nano and Material Sciences, Jain (Deemed-to-be University)	ICONN-2025/0930	Integration of 3D Fe2O3/V10O24.12H2O with 1D GNRs: A potent Ternary Electrocatalyst for Oxygen Evolution Reaction	Nanocomposites and Nanocatalysts	CP-S3-099	26-Mar-25	3	12:00 - 13:00	+91-9901046307	s.akhila@jainuniversity.ac.in	Center for Nano and Material Sciences, Jain (Deemed-to-be University), Ramanagara, Karnataka, India
100	Mr.PAVAN RAJIO BHILKAR	Student	S. K. Porwal College, Kamptee, R. T. M. Nagpur University, Nagpur	ICONN-2025/0953	Biogenic synthesis of Pt@Co3O4/rGO Nanocomposites using Caesulia axillaris for Potential Antibacterial Evaluation	Nanocomposites and Nanocatalysts	CP-S3-100	26-Mar-25	3	12:00 - 13:00	+91-8805183837	pavanbhilkar52@gmail.com	Department of Chemistry, S. K. Porwal College, Kamptee 441001
101	Mr.AKSHATA VILAS JAMBHULKAR	Student	S.K. Porwal College, Kamptee, R.T.M. Nagpur University, Nagpur, India	ICONN-2025/0956	Biogenic synthesis of Pt@Co3O4/rGO Nanocomposites using Caesulia axillaris for Potential Antibacterial Evaluation	Nanocomposites and Nanocatalysts	CP-S3-101	26-Mar-25	3	12:00 - 13:00	+91-9370947634	akshatavj1994@gmail.com	Department of Chemistry, S.K. Porwal College, Kamptee, Nagpur, Maharashtra, 441001

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
102	Ms.RAJASHREE	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0967	Preparation and Characterization of Curcumin and Piperine based Nano-emulsome for Colon Cancer	Nanocomposites and Nanocatalysts	CP-S3-102	26-Mar-25	3	12:00 - 13:00	+91-9361649817	rh3910@srmist.edu.in	TC 55/278-1 harisree, Amirtha Nagar kaimanom pappanamcode po trivandrum 695018
103	Mr.SIVA CHIDAMBARAM SIVA CHIDAMBARAM	Faculty	SRM Institute of Science and Technology	ICONN-2025/0996	High-Performance g-C <sub>3</sub> N <sub>4</sub> /Ag <sub>3</sub> PO <sub>4</sub> Hybrid Photocatalyst for Rapid Degradation of Textile Dye Pollutants in Water	Nanocomposites and Nanocatalysts	CP-S3-103	26-Mar-25	3	12:00 - 13:00	+91-9944567367	sivac@srmist.edu.in	Department of Physics and Nanotechnology
104	Mr.SIVA CHIDAMBARAM	Faculty	SRM Institute of Science and Technology	ICONN-2025/0998	Fabrication and Physicochemical Characterization of SiO <sub>2</sub> /Ag Core-Shell Nanostructures for multifunctional environment applications	Nanocomposites and Nanocatalysts	CP-S3-104	26-Mar-25	3	12:00 - 13:00	+91-8610176238	siva.may3@gmail.com	Department of Physics and Nanotechnology
105	Mr.PRAVEEN PALABINDELA	Student	SRM Institute of Science and Technology	ICONN-2025/0669	Static and Dynamic Properties of Bimerons in a Square Submicron Dot	Nanomagnetism and Spintronics	CP-S3-105	26-Mar-25	3	12:00 - 13:00	+91-9392823331	pp4974@srmist.edu.in	RRP 617, Raman Research Park, SRMIST, Kattankulathur, Tamil Nadu.
106	Mr.SRINIVASAN DEVAOSS	Researcher	SRM Institute of Science and Technology	ICONN-2025/0730	Designing Magnetism: The Influence of Geometry in Co Thin Film Superlattices	Nanomagnetism and Spintronics	CP-S3-106	26-Mar-25	3	12:00 - 13:00	+91-8523941506	sd2951@srmist.edu.in	No.25/6, Parvathy Flats, Flat no: S2, Second Floor - 2, Mettukkalani Street, Adambakkam
107	Mr.KIRUTHIGA DEVI	Researcher	SRM Institute of Science and Technology	ICONN-2025/0770	Influence of Cu-doping on the Structural and Magnetic Properties in Perovskite Oxides: SrRu <sub>1-x</sub> Cu <sub>x</sub> O <sub>3</sub>	Nanomagnetism and Spintronics	CP-S3-107	26-Mar-25	3	12:00 - 13:00	+91-6379601056	kb1299@srmist.edu.in	University Building, SRM Institute of Science and Technology, Kattankulathur - 603 203
108	Ms.JEDIDIAH ROSE	Student	Government College of Engineering, Tirunelveli-627005	ICONN-2025/0815	Numerical Investigations on the Helical Structure of a Simulated Nano-Scale FeGe system	Nanomagnetism and Spintronics	CP-S3-108	26-Mar-25	3	12:00 - 13:00	+91-8220730244	ajedidiahrose@gmail.com	23, Vasanthapuram South First Street, Melapalayam, Tirunelveli-627005
109	Mr.SEETHARAMAN	Student	VELLORE INSTITUTE OF TECHNOLOGY (Vellore Campus)	ICONN-2025/0677	Iron single atom-based peroxidase nanozyme for judicious electrochemical detection of hydrogen peroxide	Nanosensors and Nanoactuators	CP-S3-109	26-Mar-25	3	12:00 - 13:00	+91-9629993404	seetharaman.v2024@vitsutdent.ac.in	No.9, 4th Cross Street, Muthamizh Nagar, Katpadi, Vellore - 632007
110	Ms.BACKIYALAKSHMI GNANASEKARAN	Student	SRMIST	ICONN-2025/0783	Development of a Molecularly Imprinted Electrochemical Sensor for Lactate Monitoring	Nanosensors and Nanoactuators	CP-S3-110	26-Mar-25	3	12:00 - 13:00	+91-9976170838	bakya4567@gmail.com	Chennai
111	Mr.DHARMALINGAM N	Student	SRM institute of science and technology	ICONN-2025/0787	Fabrication of Stencil Printed Electrodes Using a Novel Conductive Ink for Electrochemical Detection of Phytohormones	Nanosensors and Nanoactuators	CP-S3-111	26-Mar-25	3	12:00 - 13:00	+91-7200982519	dn4473@srmist.edu.in	3620, TNHB colony, Melanuppandi, Madurai
112	Ms.PARKAVI VALAGURUVAN	Student	IIITDM	ICONN-2025/0897	Next-Generation Textile Engineering: Foot Sole Fabric for Early Detection of Ulcers	Nanosensors and Nanoactuators	CP-S3-112	26-Mar-25	3	12:00 - 13:00	+91-9952803539	kannanrameshr@gmail.com	406 smile lab,IIITDM, Kancheepuram
113	Mr.DINESH KUMAR VENKATESAN KUMAR VENKATESAN	Student	SRMIST	ICONN-2025/0907	rGO Assisted Sensitivity Enhancement in Microfluidic Temperature Sensor	Nanosensors and Nanoactuators	CP-S3-113	26-Mar-25	3	12:00 - 13:00	+91-7810081576	dv9204@srmist.edu.in	No.10A post office 2nd Street shenbbakam
114	Ms.SUBASHINI J M	Student	Indian Institute of Information Technology, Design and Manufacturing	ICONN-2025/0917	Advanced Textile-Based Capacitive Electrodes for ECG Monitoring	Nanosensors and Nanoactuators	CP-S3-114	26-Mar-25	3	12:00 - 13:00	+91-6383955822	subashinijm1997@gmail.com	406, SMILE Lab, IIITDM Kancheepuram
115	Mr.SUBASHINI J M	Student	IIITDM Kancheepuram	ICONN-2025/0921	Nanocomposites based wearable antenna for Cardiac monitoring	Nanosensors and Nanoactuators	CP-S3-115	26-Mar-25	3	12:00 - 13:00	+91-9003147726	smile@iitdm.ac.in	406, SMILE Lab, IIITDM Kancheepuram
116	Mr.MUKENDRA KUMAR	Student	National Institute of Technology Raipur	ICONN-2025/0928	Enhancing pH Sensing with DG-ISFET: A Comparative Analysis of Single Gate and Double Gate	Nanosensors and Nanoactuators	CP-S3-116	26-Mar-25	3	12:00 - 13:00	+91-9753227225	mkumar.phd2024.ece@nitrr.ac.in	Santoshi Nagar Raipur
117	Mr.GOKUL KARTHIK SAI VAMSHI	Student	SRM Institute of science and technology	ICONN-2025/0942	Python-Driven Reverse Engineering and Material Characterization of Optoelectronic Devices	Nanosensors and Nanoactuators	CP-S3-117	26-Mar-25	3	12:00 - 13:00	+91-9347436978	gg0571@srmist.edu.in	potheri, abode valley, m block

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
118	Mr.ANANTHU SHANMUGHAN	Student	INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD	ICONN-2025/0986	Tröger's base-containing covalent organic polymers for fluorescence sensing of antibiotics and feed additives	Nanosensors and Nanoactuators	CP-S3-118	26-Mar-25	3	12:00 - 13:00	+91-8281349796	202004001@smail.iitpkd.ac.in	IIT Palakkad, Palakkad-678557, Kerala, India
119	Ms. Sakshi Bisht	Student	Material Analysis and Research Laboratory, Department of Physics, NSUT, Dwarka, New Delhi - 110078, India	ICONN-2025/0695	Development of WO <sub>3</sub> Thin Films for NO <sub>2</sub> Sensing: A Novel Approach to Air Quality Monitoring	Nanosensors and Nanoactuators	CP-S3-119	26-Mar-25	3	12:00 - 13:00		dhariwalneeraj98@yahoo.com	
120	Mr.KARVANNAN	Student	SRM University	ICONN-2025/0587	Carrier phonon coupling driven enhanced thermoelectric performance of Sn substituted bismuth sulphide for intermediate temperature applications	Nanostructured Solar Cells and Thermoelectrics	CP-S3-120	26-Mar-25	3	12:00 - 13:00	+91-7904029245	ke2698@srmist.edu.in	108/3 Eravangudi, Udayarpalayam (TK), Ariyalur (DT) 623803
121	Mr.MOHAMMEDALI	Researcher	SRM Institute of Science and Technology, Kattankulathur	ICONN-2025/0664	Enhancing Sustainability through Simulation-Driven Optimization of Full Oxide Bifacial Photovoltaic Systems	Nanostructured Solar Cells and Thermoelectrics	CP-S3-121	26-Mar-25	3	12:00 - 13:00	+91-9698212797	tamilmoamed30199@gmail.com	Room No.408 - Raman Research park Department of Physics Nanotechnology SRM-IST, Kattankulathur-603203
122	Mr.ARYAN MISHRA	Student	SRM UNIVERSITY	ICONN-2025/0775	Design and analysis of n-ZnS/i-FeSi <sub>2</sub> /n-ZnO/i-a-Si/p-c-Si based thin crystalline silicon solar cell	Nanostructured Solar Cells and Thermoelectrics	CP-S3-122	26-Mar-25	3	12:00 - 13:00	+91-9749631600	as8603@srmist.edu.in	Plot Number 111, EVP Padma Avenue Pattamal Street,Guduvancheri
123	Ms.DHIVYA MAHALAKSHMI DHIVYA C.N.	Researcher	SRM Institute of Science and Technology	ICONN-2025/0835	Unraveling Carrier Dynamics and Phonon Transport in Cu+2 doped vacancy ordered layered perovskite-Cs <sub>2</sub> SnCl <sub>6</sub>	Nanostructured Solar Cells and Thermoelectrics	CP-S3-123	26-Mar-25	3	12:00 - 13:00	+91-9894119456	dc2945@srmist.edu.in	L/210, Navalpattu, police colony, Tiruchirappalli-620026
124	Mr.SAGNIK CHAKRABORTY	Student	SRM Institute of Science and Technology	ICONN-2025/0851	Design and analysis of flexible c-Si/Perovskite-based Tandem solar cell	Nanostructured Solar Cells and Thermoelectrics	CP-S3-124	26-Mar-25	3	12:00 - 13:00	+91-9505353721	ss9607@srmist.edu.in	N 302, Abode Valley, 54, Kakkan Street, Potheri, Tamil Nadu
125	Ms.SUHANI UPADHYAY	Student	SRM INSTITUTE OF SCIENCE AND TECHNOLOGY	ICONN-2025/0877	Design and Optimization of n-InP/p-Si Heterojunction flexible Solar Cells for Enhanced Efficiency	Nanostructured Solar Cells and Thermoelectrics	CP-S3-125	26-Mar-25	3	12:00 - 13:00	+91-9113924014	su8176@srmist.edu.in	106 parknest apt marathahalli 560037
126	Ms.GOURI SANKAR	Student	SRMIST,KTR	ICONN-2025/0888	Effect of Secondary phase on the thermoelectric properties in Cu <sub>8</sub> S with Zn doping	Nanostructured Solar Cells and Thermoelectrics	CP-S3-126	26-Mar-25	3	12:00 - 13:00	+91-6238571207	gv4883@srmist.edu.in	Department of physics and nanotechnology, SRMIST,KTR,Chennai,TN
127	Mr.GANESH MAHENDRA	Researcher	Centre for Nano and Soft Matter Sciences (CeNS)	ICONN-2025/0588	Photo-assisted aqueous Zn-ion batteries	Nanotechnology for Energy Harnessing	CP-S3-127	26-Mar-25	3	12:00 - 13:00	+91-7899541536	ganesmahendra52@gmail.com	Centre for Nano and Soft Matter Sciences (CeNS), Arkavathi, survey no.7, Shivanapura, Dasanapura Hobli, Bengaluru
128	Ms.ANUJA	Researcher	APJ ABDUL KALAM TECHNOLOGICAL UNIVERSITY	ICONN-2025/0597	poster presentation	Nanotechnology for Energy Harnessing	CP-S3-128	26-Mar-25	3	12:00 - 13:00	+91-9497690344	anujaac2020@gmail.com	C
129	Mr.VINOTH KUMAR AR	Researcher	SRM Institute of Science and Technology	ICONN-2025/0649	A Novel Mn-based Multi-Element High-entropy Oxide Cathode for Sodium-ion Batteries	Nanotechnology for Energy Harnessing	CP-S3-129	26-Mar-25	3	12:00 - 13:00	+91-9600115429	va2397@srmist.edu.in	75, S1 - Block 2, City Homes Habitat, Ramanathan Street, Krishnapuram, Ambattur, Chennai - 600053.
130	Mr.THATHEYUS PETER XAVIER	Student	SRM IST, KTR	ICONN-2025/0688	Textured TiO <sub>2</sub> /Sb <sub>2</sub> Se <sub>3</sub> photocathode for efficient photoelectrochemical water splitting towards green H <sub>2</sub> production	Nanotechnology for Energy Harnessing	CP-S3-130	26-Mar-25	3	12:00 - 13:00	+91-7639187327	thatheyuspeter@gmail.com	RRP 601, Raman research park, SRM IST, KTR
131	Mr.SURESH	Researcher	SRM Institute of Science and Technology (KTR)	ICONN-2025/0696	Ti <sub>3</sub> C <sub>2</sub> T <sub>x</sub> MXene as a Filler for NiZn <sub>2</sub> O <sub>4</sub> Electrodes: Unlocking the Potential of High-Performance Supercapacitors	Nanotechnology for Energy Harnessing	CP-S3-131	26-Mar-25	3	12:00 - 13:00	+91-6382113227	sj9849@srmist.edu.in	SRM Institute of Science and Technology (Deemed to be University) Kattankulathur
132	Ms.APARNA JAMMA	Student	Indian Institute of Chemical Technology	ICONN-2025/0709	Atomically Tailored Zn-ZIF-8 via RuNi Nanoalloy Replacement for Improved Photocatalytic H <sub>2</sub> Evolution	Nanotechnology for Energy Harnessing	CP-S3-132	26-Mar-25	3	12:00 - 13:00	+91-7780554217	jammaaparna1315@gmail.com	IICT, Tarnaka, Hyderabad

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S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
133	Ms.BHAVYA JAKSANI	Student	CSIR-IICT	ICONN-2025/0710	MOF-Derived CuO/TiO <sub>2</sub> Photocatalyst for Methanol Production from CO <sub>2</sub> Reduction in an AI-Assisted Continuous Flow Reactor	Nanotechnology for Energy Harnessing	CP-S3-133	26-Mar-25	3	12:00 - 13:00	+91-9182420529	bhavyajaksani@gmail.com	CSIR-IICT
134	Mr.SANDIP PRABHAKAR SHELAK	Student	CSIR-IICT, Hyderabad	ICONN-2025/0711	Pyridine homopolymers chelated cobaloximes for efficient hydrogen generation	Nanotechnology for Energy Harnessing	CP-S3-134	26-Mar-25	3	12:00 - 13:00	+91-8605275012	sandipshelake298@gmail.com	CSIR-IICT, Hyderabad
135	Ms.SWITI DATTATRAYA KSHIRSAGAR	Student	CSIR IICT Hyderabad	ICONN-2025/0712	In situ decoration of 2D-MoS <sub>2</sub> /ZIF-67 type II heterojunction for efficient hydrogen production	Nanotechnology for Energy Harnessing	CP-S3-135	26-Mar-25	3	12:00 - 13:00	+91-9403878179	switkshirsagar18@gmail.com	CSIR IICT Hyderabad
136	Mr.MUKILAN MUTHURAMALINGAM	Student	Koneru Lakshmaiah Education Foundation	ICONN-2025/0717	Enhancing the Energy Harvesting Performance of PVDF-TrFE-BTO nanofibrous membranes by Filler Inducing for self-powered IoT Systems.	Nanotechnology for Energy Harnessing	CP-S3-136	26-Mar-25	3	12:00 - 13:00	+91-9600351354	mukilanmuthuramalingam@gmail.com	Center for Flexible Electronics, Department of Electronics and Communication Engineering, Koneru Lakshmaiah Education Foundation, Guntur, Andhrapradesh.
137	Ms.BATOL ABBAS	Researcher	SRM University	ICONN-2025/0719	Tuning the Bifunctional Electrocatalytic Activity of UiO-66-NH <sub>2</sub> for Overall Water Splitting Through Carboxylate Modulation	Nanotechnology for Energy Harnessing	CP-S3-137	26-Mar-25	3	12:00 - 13:00	+91-8925245232	ba4990@srmist.edu.in	Tamil Nadu, Potheri, 603203
138	Mr.KUMAR SHUBHAM	Student	Centre for nano and soft matter sciences, Bengaluru	ICONN-2025/0758	High-Performance Silicon-Based n-i-p Heterojunction Photoanode for Efficient Photoelectrochemical Water Splitting: Fabrication, Optimization, and Large-Scale Application	Nanotechnology for Energy Harnessing	CP-S3-138	26-Mar-25	3	12:00 - 13:00	+91-7982680467	kumarshubham144jnv@gmail.com	Centre for Nano and Soft Matter Sciences (CeNS) Arkavathi, Survey No. 7 Shivanapura, Dasanapura Hobli
139	Dr.KAMALA BHARATHI BHARATHI KARUPPANAN	Faculty	SRM Institute of Science and Technology	ICONN-2025/0761	Energy Harvesting from LiNbO <sub>3</sub> Ceramic Based Piezoelectric Nanogenerator for Self-Powered Devices and Physiological Applications	Nanotechnology for Energy Harnessing	CP-S3-139	26-Mar-25	3	12:00 - 13:00	+91-9677641987	kamalabk@srmist.edu.in	511A, Hi-Tech Building, SRMIST
140	Ms.NASRIN BANU	Researcher	SRM Institute of Science & Technology	ICONN-2025/0791	Egg Shell Mediated NiSP4/Polypyrrole electrocatalyst for Sustainable Water Splitting	Nanotechnology for Energy Harnessing	CP-S3-140	26-Mar-25	3	12:00 - 13:00	+91-8248406755	nasrinbanu.g96@gmail.com	No 14 NSK Street Kamarajapuram Nandhivaram Guduvanchery
141	Ms.UTSA SARKAR	Researcher	Institute of Nano Science and Technology	ICONN-2025/0814	One-Dimensional Tellurium in Nanocomposite Fibers: A New Frontier in Energy Harvesting Technologies	Nanotechnology for Energy Harnessing	CP-S3-141	26-Mar-25	3	12:00 - 13:00	+91-9635794429	utsa.ph21245@inst.ac.in	Institute of Nano Science and Technology, Sector 81, Knowledge city, Punjab, 140306
142	Mr.KAVIN N M	Student	SRM Institute of science and technology kattankulathur	ICONN-2025/0818	Sb <sub>2</sub> S <sub>3</sub> thin film through ink preparation and its photovoltaic properties	Nanotechnology for Energy Harnessing	CP-S3-142	26-Mar-25	3	12:00 - 13:00	+91-6383777204	kk5944@srmist.edu.in	SRM Institute of science and technology kattankulathur chengalpattu 603203
143	Mr.DHARA SATEESH	Student	KL UNIVERSITTY	ICONN-2025/0935	A highly Flexible and Wearable Pulse Monitoring Sensor using Piezoelectric Composites made of KNbO <sub>3</sub> - CaTiO <sub>3</sub> Nanoparticles	Nanotechnology for Energy Harnessing	CP-S3-143	26-Mar-25	3	12:00 - 13:00	+91-9010032671	2202040101@KLUNIVERSITY.IN	KL UNIVERSITY
144	Mr.KARUNAKARAN	Researcher	SRMIST-KTR	ICONN-2025/0949	Impact of CuSe <sub>2</sub> secondary phase formation on the thermoelectric performance of Ge-substituted Cu <sub>2</sub> SnSe <sub>3</sub> in the intermediate temperature range	Nanotechnology for Energy Harnessing	CP-S3-144	26-Mar-25	3	12:00 - 13:00	+91-8825553909	ks2284@srmist.edu.in	1/30,Sivan Kovil Street,Thennal Post,Navamalkapper,Viluppuram, Tamilnadu-605102.
145	Dr.BALAJI	Faculty	SRM Institute Of Science And Technology	ICONN-2025/1002	Effect of Titanium Heptoxide as Nano Additive with Pyrolysis Oil fuelled in Compression Ignition Engine	Nanotechnology for Energy Harnessing	CP-S3-145	26-Mar-25	3	12:00 - 13:00	+91-9443784657	balajig@srmist.edu.in	Associate Professor, Department of Mechanical Engineering, SRM Institute of Science and Technology, Kattankulathur - 603203

**Venue: Dr. T. P. Ganesan Auditorium Premises, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu, India-603203**

S.No.	Presenter's Name	Designation	Institution	Abstract ID	Title of the Abstract	Theme	Poster ID	Date	Session No.	Timings	Mobile No.	Email ID	Address
146	Dr.GOKULADEEPAN	Faculty	SRMIST	ICONN-2025/0423	Enhanced electrochemical performance of ZIF-67 metal-organic framework with graphene oxide heterostructured nanocomposite electrode for supercapacitor application	Nanotechnology for Energy Harnessing	CP-S3-146	26-Mar-25	3	12:00 - 13:00	-9677726249	gokuladp@srmist.edu.in	
147	Ms.SAMUDESWARI LOGANATHAN	Student	Thiru A. Govindaswami Government College	ICONN-2025/0867	Phytofabrication of Zinc oxide nanoparticle using Enhalus acoroides extract and its anticancer activity against lung cancer	Nanotoxicology and Nanomedicine	CP-S3-147	26-Mar-25	3	12:00 - 13:00	+91-9566005109	Sbtsr1995@gmail.com	24 kalamman koil street, sokkananthai, Villupuram 604153
148	Mr.SHAIK SAMEER BASHA SHAIK SAMEER BASHA	Student	Indian Institute of Technology Madras	ICONN-2025/0890	Dynamic Photochemotherapy for Synergistic Effects in Breast Cancer Using Cisplatin & AuNR-Loaded Nanoarchaeosomes	Nanotoxicology and Nanomedicine	CP-S3-148	26-Mar-25	3	12:00 - 13:00	+91-7901553202	am22d201@smail.iitm.ac.in	MSB 118, Mechanical Science Block, Opposite Central Workshop, Indian Institute of Technology Madras, Chennai, Tamil Nadu - 600036
149	Mr.PRETHISH KUMAR M B	Student	SRMIST	ICONN-2025/0902	Electrospun Polycaprolactone/Chitosan Nanofibers Enriched with Fruit Seed Essential Oils for Wound Healing	Nanotoxicology and Nanomedicine	CP-S3-149	26-Mar-25	3	12:00 - 13:00	+91-9962125502	pm5313@srmist.edu.in	234,235A Sri Rangan new town, 4th main road,Ennore Chennai 600057
150	Ms.NANDINI BANDARUPALLI	Student	SRM institute of science and technology, KTR campus	ICONN-2025/0939	Evaluating chitosan-coated gold nanoparticles as novel agents for wound healing in Drosophila melanogaster	Nanotoxicology and Nanomedicine	CP-S3-150	26-Mar-25	3	12:00 - 13:00	+91-8328162725	nb0436@srmist.edu.in	A.S.R LADIES PG, near trs, backside of SRM institute of science and technology, kattankulathur, srm nagar,603203
151	Ms.GAYATHRI DEVI	Student	SRMIST	ICONN-2025/0248	Electron Transport Studies of Zigzag Graphene Nanoribbon Doped with B, N, and P Using Density Functional Theory	2D materials	CP-S3-151	26-Mar-25	3	12:00 - 13:00	+91-9786215432	gs5325@srmist.edu.in	Department of Physics, SRMIST-KTR, Hi-Tech building, Main Campus, Chennai -603203
152	Ms.DEEKSHAA CT	Student	SRMIST	ICONN-2025/0896	Bioactive molecule-loaded alginate/chitosan sponges for wound healing	2D materials	CP-S3-152	26-Mar-25	3	12:00 - 13:00	+91-7305756555	dc1354@srmist.edu.in	G1, Subhavani Flats, 4/3, Alwarpet 2nd Street, Teynampet, Chennai-600018
153	Dr.AMUTHA SUBRAMANI	Student	University of Chemistry and Technology	ICONN-2025/0948	AgInP <sub>2</sub> S <sub>6</sub> as a Hole Transport Layer: Insights from Theory and Experiment on Electronic Properties and Interface Stability	Nanotechnology for Energy Harnessing	CP-S3-153	26-Mar-25	3	12:00 - 13:00	+420-723946997	subramaa@vscht.cz	537/17 Parlerova
154	Mr.ANANTHU SHANMUGHAN	Student	INDIAN INSTITUTE OF TECHNOLOGY PALAKKAD	ICONN-2025/0986	Tröger's base-containing covalent organic polymers for fluorescence sensing of antibiotics and feed additives	Nanosensors and Nanoactuators	CP-S3-154	26-Mar-25	3	12:00 - 13:00	+91-8281349796	202004001@smail.iitpkd.ac.in	IIT Palakkad, Palakkad-678557, Kerala, India
155	Mr.A VAMSHI KRISHNA	Student	IIT Palakkad	ICONN-2025/0987	Three-dimensional flexible Cross-linking naphthalene-based polyimide as cathode material for Sodium-ion battery	Transport and Storage	CP-S3-155	26-Mar-25	3	12:00 - 13:00	+91-9284916433	202204001@smail.iitpkd.ac.in	B208, Malhar hostel, shayadri campus, IIT PALAKKAD, 678623
156	Ms. Jayanthi Senthilkumar	Student	KIT- Kalaigarkarananidhi Institute of Technology	ICONN-2025/1014	Synthesis And Characterization of Three Different Dimensions Of TiO <sub>2</sub> /rGo/Cds Ternary Composites and its Superior Photocatalytic Performance	Nanocomposites and Nanocatalysts	CP-S3-156	26-Mar-25	3	12:00 - 13:00		jaya.kumarjan24@gmail.com	
157	Ms. Theinmozhi	Student	SRMIST	ICONN-2025/1017	In <sub>2</sub> Se <sub>3</sub> based Van der Waals heterostructures for optoelectronics applications	Multifunctional Nanomaterials	CP-S3-157	26-Mar-25	3	12:00 - 13:00		wf4444@srmist.edu.in	
158	Ms. Mohamed Idris	Student	SRMIST	ICONN-2025/1019	ATOMICALLY-THIN INDIUM OXIDE (In <sub>2</sub> O <sub>3</sub> ) BASED PHOTODETECTORS	Multifunctional Nanomaterials	CP-S3-158	26-Mar-25	3	12:00 - 13:00		ms3659@srmist.edu.in	
159	M.R.Keshav	Student	Shizuoka University , JAPAN	ICONN-2025/1004	Enhancement of thermoelectric properties of Ag-doped SnSe using high-energy ball milling and Spark plasma sintering	Multifunctional Nanomaterials	CP-S3-159	26-Mar-25	3	12:00 - 13:00		keshavradh@gmail.com	