Technical Program

2nd International Conference on "Advanced Functional Materials and Devices" (AFMD-2023)

Date: 13-15th March 2023

via Online mode

Atma Ram Sanatan Dharma College, University of Delhi,
Dhaula Kuan, New Delhi-110021

Day 1 (Monday, 13th March 2023)

Time	Event	Speaker
9:00 - 9:30 AM	**Inaugural Ceremony**	
	Welcome Address	Prof. Gyantosh Kr. Jha, Principal, ARSD College
	Address by Chief Guest	Shri Pawan Jaggi, Chairman, ARSD College
	Address by IQAC Coordinator	Dr. Vinita Tuli, ARSD College
09:30 - 10:30 AM	Plenary lecture	Prof. Hoe Tan, Australian National University, Australia
10:30 - 11:15 AM	Keynote Lecture-1	Dr. R. K. Kotnala, National Physical Laboratory, New Delhi, India
Break 11:15 - 11:30 AM		
Session 1 - 11:30 AM – 12:40 PM		
11:30 - 11:50 PM	Invited Lecture-1	Dr. Santosh Raavi, Indian Institute of Technology, Hyderabad, India
11:50 - 12:00 PM	OT-1	Sucheta Sengupta
12:00 - 12:10 PM	OT-2	Rounak R. Atram
12:10 - 12:20 PM	OT-3	Dr. S Shankara Narayanan
12:20 - 12:30 PM	OT-4	Eisha Bartwal
12:30 - 12:40 PM	OT-5	Sucheta Sengupta
Session 2 - 11:30 AM - 12:40 PM		
11:30 - 11:50 PM	Invited Lecture-2	Prof. O.P. Thakur, Netaji Subhas University of Technology, Delhi, India
11:50 - 12:00 PM	OT-06	Jigyasa Bhardwaj
12:00 - 12:10 PM	OT-07	Kajal Kaushik
12:10 - 12:20 PM	OT-08	Purushottam K Naktode
12:20 - 12:30 PM	OT-09	Rameez Farooq Shah
12:30 - 12:40 PM	OT-10	Adreeja Goswami
Session 3 - 11:30 AM - 12:40 PM		
11:30 - 11:50 PM	Invited Lecture-3	Dr. Rahul Prajesh, CSIR-Central Electronics Engineering Research Institute, Pilani, India
11:50 - 12:00 PM	OT-11	Mahima Sheoran
12:00 - 12:10 PM	OT-12	Sahit Kumar
12:10 - 12:20 PM	OT-13	Neha Taneja
12:20 - 12:30 PM	OT-14	Md Golam Mustafa
12:30 - 12:40 PM	OT-15	Abhishek Prashant
Session 4 - 11:30 AM - 12:40 PM		
11:30 - 11:50 PM	Invited Lecture-4	Prof. A. S. Rao, Delhi Technological University, New Delhi, India
11:50 - 12:00 PM	OT-16	Garima Punetha
12:00 - 12:10 PM	OT-17	Mukesh Kumar

12:10 - 12:20 PM	OT-18	Shristy Malik
12:20 - 12:30 PM	OT-19	Urosa Latief
12:30 - 12:40 PM	OT-20	Supreeti Das
Break 12:40 PM - 01:00 PM		
01:00-01:40 PM	Keynote Lecture-2	Dr. David Kocman, Department of Environmental Sciences Jožef Stefan Institute (JSI) Ljubljana, SLOVENIA
01:40 - 02:00 PM	Invited Lecture-5	Dr. Parul Devi, Helmholtz Zentrum Dresden Rossendorf, Germany
02:00 - 02:20 PM	Invited Lecture-6	Prof. Zia Ul Raza Khan, College of Science, University of Hail, Saudi Arabia
Session 5 - 02:20 PM – 3:00 PM		
02:20 - 02:30 PM	OT-21	Ashima Makhija
02:30 - 02:40 PM	OT-22	Anjli
02:40 - 02:50 PM	OT-23	Chanchal
02:50 - 03:00 PM	OT-24	Reetu
Session 6 - 02:20 PM – 3:00 PM		
02:20 - 02:30 PM	OT-25	Nayana. K
02:30 - 02:40 PM	OT-26	Arya B
02:40 - 02:50 PM	OT-27	Prakash Kumar Jha
02:50 - 03:00 PM	OT-28	Parul Jindal
Session 7 - 02:20 PM – 3:00 PM		
02:20 - 02:30 PM	OT-29	Dr. Sunitha A P
02:30 - 02:40 PM	OT-30	Sai Raj Ali
02:40 - 02:50 PM	OT-31	Atish Kumar Sharma
02:50 - 03:00 PM	OT-32	Pragya Kumar
Session 8 - 02:20 PM – 3:00 PM		
02:20 - 02:30 PM	OT-33	Prasanta Murmu
02:30 - 02:40 PM	OT-34	Gourav Paliwal
02:40 - 02:50 PM	OT-35	Anuj Kumar
02:50 - 03:00 PM	OT-36	Sanika Milind Dhopte
Break 03:00 PM- 03:15 PM		
Poster session 1- 03:15 PM- 05:45 PM PP-01 to PP-20 [7 (5+2) min for each participant]		
Poster session 2- 03:15 PM- 05:45 PM PP-21 to PP-40 [7 (5+2) min for each participant]		

Day 2 (Tuesday, 14th March 2023)		
Time	**Event**	**Speaker**
09:00 - 09:45 AM	Keynote lecture-3	Dr. Ramakrishna Podia, Clemson University, USA
09:45 - 10:05 AM	Invited Lecture-7	Dr. Shibu Saha, National Physical Laboratory, New Delhi, India
10:05 - 10:25 AM	Invited Lecture-8	Dr. Tirath Raj, Illinois University USA
10:25 - 10:45 AM	Invited Lecture-9	Dr. Ajeet Kumar, School of Material Science and Engineering, Yeungnam University, Yeungnam University, Republic of Korea
Break 10:45 - 11:00 AM		
Session 1 - 11:00 AM - 12:30 PM		
11:00 - 11:20 AM	Invited Lecture-	Dr. Rajendra S. Dhaka, IIT Delhi, New Delhi, India

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11:20 - 11:40 AM	Invited Lecture-11	Prof. Monika Tomar, Miranda House, University of Delhi, India
11:40 - 11:50 AM	OT-37	Gaurav Gautam
11:50 - 12:00 PM	OT-38	Avneesh Kumar
12:00 - 12:10 PM	OT-39	Neeraj Bangruwa
12:10 - 12:20 PM	OT-40	Seema Gupta
12:20 - 12:30 PM	OT-41	Brijeshkumar Yadav
Session 2 - 11:00 AM - 12:30 PM		
11:00 - 11:20 AM	Invited Lecture-12	Prof. Arijit Chowdhuri, Acharya Narendra Dev College, University of Delhi, India
11:20 - 11:40 AM	Invited Lecture-13	Dr. Debdulal Kabiraj, Inter University Accelerator Centre, New Delhi India
11:40 - 11:50 AM	OT-42	Nisha Yadav
11:50 - 12:00 PM	OT-43	Saurabh Singh
12:00 - 12:10 PM	OT-44	Vandana
12:10 - 12:20 PM	OT-45	L. Pérez-Cabrera
12:20 - 12:30 PM	OT-46	Rajveer Singh
Session 3 - 11:00 AM - 12:30 PM		
11:00 - 11:20 AM	Invited Lecture-14	Dr. Yogesh Kumar, Department of Physics, Hansraj College, University of Delhi, New Delhi, India
11:20 - 11:40 AM	Invited Lecture-15	Dr. Reema Gupta, Hindu College, University of Delhi, New Delhi, India
11:40 - 11:50 AM	OT-47	Mohammad Saif Khan
11:50 - 12:00 PM	OT-48	Ajay Kumar
12:00 - 12:10 PM	OT-49	Mohd Sadiq
12:10 - 12:20 PM	OT-50	Pooja Yadav
12:20 - 12:30 PM	OT-51	Divya Bhandari
Session 4 - 11:00 AM - 12:30 PM		
11:00 - 11:20 AM	Invited Lecture-16	Prof. Vinod Singh, Delhi Technological University, Delhi, India
11:20 - 11:40 AM	Invited Lecture-17	Dr. Kajal Jindal, Kirori Mal College, University of Delhi, New Delhi, India
11:40 - 11:50 AM	OT-52	Rishikesh Raj
11:50 - 12:00 PM	OT-53	Vivek Prajapati
12:00 - 12:10 PM	OT-54	Ravinshu
12:10 - 12:20 PM	OT-55	Aruna Dhruv Thaker
12:20 - 12:30 PM	OT-56	Preetika Dhawan
Break 12:30 PM - 01:30 PM		
Session 5 - 1:30 PM - 2:30 PM		
01:30 - 01:50 PM	Invited Lecture-18	Dr. Natasa Mori, National Institute of Biology in Ljubljana, SLOVENIA
01:50 - 02:00 PM	OT-57	Dr Naorem Santakrus Singh
02:00 - 02:10 PM	OT-58	Rakesh Kumar
02:10 - 02:20 PM	OT-59	Nurul Shafikah Bt Mohd Mustafa
02:20 - 02:30 PM	OT-60	Bhupendra Singh

Session 6 - 1:30 PM - 2:30 PM		
01:30 - 01:50 PM	Invited Lecture-19	Prof. Ranjana Jha, Netaji Subhas University of Technology, Delhi, India
01:50 - 02:00 PM	OT-61	Saroj Rani
02:00 - 02:10 PM	OT-62	Ankita Rawat
02:10 - 02:20 PM	OT-63	Manisha Kumari
02:20 - 02:30 PM	OT-64	Patel Maitri Nandubhai
Session 7 - 1:30 PM - 2:30 PM		
01:30 - 01:50 PM	Invited Lecture-20	Dr Ravi Kant Mishra, University of Manchester, USA
01:50 - 02:00 PM	OT-65	Akash
02:00 - 02:10 PM	OT-66	Charu Dadwaria
02:10 - 02:20 PM	OT-67	Shubham Chaturvedi
02:20 - 02:30 PM	OT-68	Dinesh Kumar
Session 8 - 1:30 PM - 2:30 PM		
01:30 - 01:50 PM	Invited Lecture-21	Dr.Gurpreet Kaur, Bundesanstalt für Material forschung und -prüfung (BAM), Berlin, Germany
01:50 - 02:00 PM	OT-69	Ritu Chaudhari
02:00 - 02:10 PM	OT-70	Owais Amin
02:10 - 02:20 PM	OT-71	Arpita Dwivedi
02:20 - 02:30 PM	OT-72	Aftab Alam
Break 02:30 PM - 03:00 PM		
Poster session 1- 03:00 PM- 05:30 PM **PP-41 to PP-60 [7 (5+2) min for each participant]**		
Poster session 2- 03:00 PM- 05:30 PM **PP-61 to PP-80 [7 (5+2) min for each participant]**		

Day 3 (Wednesday, 15th March 2023)		
Time	**Event**	**Speaker**
09:00 - 09:45 AM	Keynote lecture-4	Prof. Abhinav Kranti, Indian Institute of Technology, Indore, India
09:45 - 10:10 AM	Invited Lecture-22	Prof. S. A. Hasmi, Department of Physics and Astrophysics, University of Delhi, New Delhi, India
10:10 - 10:30 AM	Invited Lecture-23	Dr. Noor Haida, Universiti Sains, Malaysia
10:30 - 10:50 AM	Invited Lecture-24	Dr. Vivek Verma, Hindu College, University of Delhi, New Delhi, India
Break 10:50 - 11:30 AM		
Session 1 - 11:30 AM - 01:00 PM		
11:30 - 11:50 AM	Invited Lecture-25	Prof. Ajmal Khan, Jamia Millia Islamia, New Delhi, India
11:50 - 12:00 PM	OT-73	Nitin Joshi
12:00 - 12:10 PM	OT-74	Hera Tarique
12:10 - 12:20 PM	OT-75	Paras Saini
12:20 - 12:30 PM	OT-76	Gunjan Yadav
12:30 - 12:40 PM	OT-77	Reetika Karwasra
12:40 - 12:50 PM	OT-78	Swati Jharwal
12:50 - 01:00 PM	OT-79	Amit Kumar
Session 2 - 11:30 AM - 01:00 PM		
11:30 - 11:50 AM	Invited Lecture-26	Dr. Abdus Salam, Department of Mechanical Engineering, Stevens Institute of Technology, Hoboken, USA
11:50 - 12:00 PM	OT-80	Sushma Yadav
12:00 - 12:10 PM	OT-81	Poonam Jain
12:10 - 12:20 PM	OT-82	Dinesh Kumar
12:20 - 12:30 PM	OT-83	Manisha Upadhyay
12:30 - 12:40 PM	OT-84	Chitralekha
12:40 - 12:50 PM	OT-85	Manurbhav Arya
12:50 - 01:00 PM	OT-86	Manisha
Session 3 - 11:30 AM - 01:20 PM		
11:30 - 11:50 AM	Invited Lecture-27	Dr. Shweta Sharma, Pennsylvania State University, United States
11:50 - 12:10 PM	Invited Lecture-28	Dr. ThanSingh Saini, National Institute of Technology Kurukshetra
12:10 - 12:20 PM	OT-87	Fabian N. Murrieta-Rico
12:20 - 12:30 PM	OT-88	Ashok Kumar
12:30 - 12:40 PM	OT-89	Shiva Lamichhane
12:40 - 12:50 PM	OT-90	Garima Singh
12:50 - 01:00 PM	OT-91	Jay Kumar Sirmoria, Sruthi Kumar
01:00 - 01:10 PM	OT-92	Ananya Trivedi
01:10 – 01:20 PM	OT-93	Razi Ur Rahman
Session 4 - 11:30 AM – 01:10 PM		
11:30 - 11:50 AM	Invited Lecture-29	Dr. Javed Ali, Jamia Millia Islamia, New Delhi, India
11:50 - 12:00 PM	OT-94	Garima Singh
12:00 - 12:10 PM	OT-95	Rakhi Pandey

12:10 - 12:20 PM	OT-96	Manish Kumar
12:20 - 12:30 PM	OT-97	Vineeta
12:30 - 12:40 PM	OT-98	Narendra Bihari
12:40 - 12:50 PM	OT-99	Manisha Upadhyay
12:50 – 01:00 PM	OT- 100	Kaushal Jha
01:00 – 01:10 PM	OT-101	Supriya
Break 1:00 PM- 02:00 PM		
Poster session 02:00 PM- 03:00 PM **PP-81 to PP-95 [7 (5+2) min for each participant]**		
Valedictory Function – 03:30 PM - 04:00 PM		

Zoom & Google Meet Link for International Conference AFMD-2023

Zoom Link for Day- 01 (Monday, 13th March, 2023)

Inaugural Ceremony, Welcome Address, Plenary Lecture, Keynote Lecture 1
Day-01: Session: 01 and Keynote Lecture-2, Invited Lecture 4 and 5
Session: 05 and Poster Session 1 (PP01-PP20)

https://us02web.zoom.us/j/84086176204?pwd=clpkSERERTBtYlhrTFJGWDc2ZjhtUT09

Meeting ID: 840 8617 6204

Passcode: 395366

Zoom Link for Day- 02 (Tuesday, 14th March, 2023)
Keynote Lecture 2, Invited Lectures 9 & 10
Day-02: Session: 01 and 05 and Poster Session (PP 41 - PP 60)

https://us02web.zoom.us/j/88965260681?pwd=SVhyUG1na0ZKSFY1b2RuRHhrQkJPZz09

Meeting ID: 889 6526 0681
Passcode: 924913

Zoom Link for Day- 03 (Wednesday, 15th March, 2023)
Keynote Lecture 3, Invited Lectures 23, 24 & 25
Day-03: Session: 01 and Valedictory Function

https://us02web.zoom.us/j/85406850759?pwd=VUpxTmd2dTVmay9ETFloVGJvVEM1Zz09

Meeting ID: 854 0685 0759
Passcode: 153938

Google Meet Link for Day: 01 Session: 02 & 06 Poster Session: PP 21 - 40	Google Meet Link for Day: 01 Session: 03 & 07	Google Meet Link for Day: 01 Session: 04 & 08
https://meet.google.com/rcd-dofs-gen Or dial: (US) +1 636-442-2948 PIN: 714 323 546#	https://meet.google.com/pei-wuoo-xsn Or dial (US) +1 513-757-0110 and enter this PIN: 295 032 740#	meet.google.com/esf-zqkw-obk Or dial: (US) +1 260-333-5635 PIN: 324 422 830#

Google Meet Link for **Day: 02** **Sessions: 02 & 06** **Poster Session: PP 61 - 80** https://meet.google.com/rcd-dofs-gen **Or dial: (US) +1 636-442-2948** **PIN: 714 323 546#**	**Google Meet Link for** **Day: 02** **Session: 03 & 07** https://meet.google.com/pei-wuoo-xsn **Or dial (US) +1 513-757-0110 and enter this PIN: 295 032 740#**	**Google Meet Link for** **Day: 02** **Session: 04 & 08** meet.google.com/esf-zqkw-obk **Or dial: (US) +1 260-333-5635** **PIN: 324 422 830#**
Google Meet Link for **Day: 03** **Session 02** **Poster Session: PP 81 - 96** https://meet.google.com/rcd-dofs-gen **Or dial: (US) +1 636-442-2948** **PIN: 714 323 546#**	**Google Meet Link for** **Day: 03** **Session 03** https://meet.google.com/pei-wuoo-xsn **Or dial (US) +1 513-757-0110 and enter this PIN: 295 032 740#**	**Google Meet Link for** **Day: 03** **Session 04** meet.google.com/esf-zqkw-obk **Or dial: (US) +1 260-333-5635** **PIN: 324 422 830#**

List of Invited Speakers

S. No.	Name	Affiliation	Code	Title of Talk
1.	Prof. Hoe Tan	Department of Electronic Materials Engineering, Australian National University, Australia	Plenary lecture	III-V Semiconductor Nanostructures for Optoelectronic Device Applications
2.	Dr. R. K. Kotnala	National Physical Laboratory, New Delhi, India	Keynote Lecture-1	Hydroelectric Cell based on Ferrite/SnO_2/TiO_2 Splits Water to Generate Green Electricity and Hydrogen- A Boon for Net Zero Carbon !
3.	Dr. David Kocman	Department of Environmental Sciences Jožef Stefan Institute (JSI) Ljubljana, SLOVENIA	Keynote Lecture-2	Real-Life Applications Of Sensor Based- Technologies For Personal Exposure Assessment In Urban Settings – Where Do We Stand In 2023
4.	Dr. Ramakrishna Podila	Clemson University, USA	Keynote Lecture-3	Sulfurized polymer electrodes for Li-S batteries: myths, mechanisms, and metrics
5.	Prof. Abhinav Kranti	Indian Institute of Technology, Indore, India	Keynote Lecture-4	Understanding dynamic memory operation in Silicon nanotransistors through energy band diagram
6.	Prof. Sai Santosh Kumar Raavi	Ultrafast Photophysics and Photonics Laboratory, Department of Physics, Indian Institute of Technology, Hyderabad, India	Invited Lecture-1	Broadband Luminescent Low-Dimensional Halide Perovskites for Lighting Applications
7.	Prof O. P. Thakur	Department of Physics, Netaji Subhas University of Technology, New Delhi, India	Invited Lecture-2	Nanocomposites for the enhancement of electromagnetic interference (EMI) shielding performance
8.	Dr. Rahul Prajesh	CSIR-Central Electronics Engineering Research Institute, Pilani, India	Invited Lecture-3	Development of Sensors: Concept to Product
9.	Prof. A. S. Rao	Department of Applied Physics, Delhi Technological University, New Delhi, India	Invited Lecture-4	Spectroscopic studies of rare earth doped materials for photonic applications
10	Dr. Parul Devi	Helmholtz Zentrum Dresden Rossendorf, Germany	Invited Lecture-5	Robust Néel Skyrmions in Metallic PtMnGa in a wide temperature range of 5 – 220 K
11	Prof. Zia Ul	Department of Physics, College of Science,	Invited Lecture-6	Optoelectronics performance of Mn doped CdS thin films grown by spray pyrolysis

	Raza Khan	University of Hail, P.O. BOX 2440, Saudi Arabia		method
12	Dr. Tirath Raj	University of Illinois Urbana-Champaign, Center for Advanced Bioenergy and Bioproducts Innovation (CABBI), US	Invited Lecture-7	Recycling of cathode material from spent lithium-ion batteries using green chemistry aspects
13	Dr. Shibu Saha	National Physical Laboratory, New Delhi, India	Invited Lecture-8	Detection and Mitigation of Misalignment in Optical Setups for Generation of PVB
14	Dr. Ajeet Kumar	School of Material Science and Engineering, Yeungnam University, Gyeongsan-38541 Republic of Korea	Invited Lecture-9	Low-temperature deposition of ferroelectric films for energy applications
15	Dr. Rajendra S. Dhaka	Indian Institute of Technology, New Delhi, New Delhi, India	Invited Lecture-10	Cobalt based Heusler alloys for spintronic and magnetic refrigerator applications
16	Prof. Monika Tomar	Department of Physics, Miranda House, University of Delhi, India	Invited Lecture-11	Development of thin film based Triboelectric Nanogenerators for energy harvesting
17	Prof. Arijit Chowdhuri	Department of Physics, Acharya Narendra Dev College, University of Delhi, India	Invited Lecture-12	Low temperature NO2 gas sensors with high efficiency
18	Dr. Debdulal Kabiraj	Inter University Accelerator Centre, New Delhi India	Invited Lecture-13	Engineering nanoscale structures by ion beam
19	Dr. Yogesh Kumar	Department of Physics, Hansraj College, University of Delhi, New Delhi, India	Invited Lecture-14	Involvement of magnetic field on quark gluon plasma evolution in relativistic heavy-ion collisions
20	Dr. Reema Gupta	Department of Physics, Hindu College, University of Delhi, New Delhi, India	Invited Lecture-15	PZT based MEMS Micro cantilever for Energy Harvesting Application
21	Prof. Vinod Singh	Department of Applied Physics, Delhi Technological University, Delhi, India	Invited Lecture-16	Hydrogen Sensing of Gas Phase Synthesized Size Selected Pd- C Core-Shell Nanoparticles
22	Dr. Kajal Jindal	Department of Physics, Kirori Mal College, University of Delhi, New Delhi, India	Invited Lecture-17	Density Functional theory as a powerful computational tool to probe the properties of materials
23	Dr. Natasa Mori,	Department of Organisms and Ecosystems Research, National Institute of Biology in Ljubljana, SLOVENIA	Invited Lecture-18	Microplastics (MPs) as global pollutant: how to detect and quantify MPs in freshwaters and measure its ecological relevance

24	Prof. Ranjana Jha,	Netaji Subhas University of Technology, Delhi, India	Invited Lecture-19	Quantum Dots: Progressive Patronize, Advanced Attitude and Enduring Entreaty
25	Dr. Ravi Kant Mishra	University of Manchester, USA	Invited Lecture-20	Emerging photovoltaic materials, devices, and modules
26	Dr. Gurpreet Kaur	Bundesanstalt für Materialforschung und -prüfung (BAM), Berlin, Germany Slovenia	Invited Lecture-21	Electrochemiluminescence based gated delivery assay for trace level water contamination detection
27	Prof. S. A. Hasmi	Department of Physics and Astrophysics, University of Delhi, New Delhi, India	Invited Lecture-22	High energy electrical double layer supercapacitors with redox active electrolytes
28	Dr. Noor Haida	School of Chemical Sciences, Universiti Sains, Malaysia	Invited Lecture-23	Bismuth Oxybromide/Biochar Composite As Functional Materials For Degradation Of Antibiotic Pollutant Ofloxacin
29	Dr. Vivek Verma	Department of Physics, Hindu College, University of Delhi, New Delhi, India	Invited Lecture-24	Hydroelectric cell-green energy generation device: current status, challenges and future directions
30	Prof. Ajmal Khan	Department of Physics. Jamia Millia Islamia, New Delhi, India	Invited Lecture-25	Biopolymer composite electrolytes for EDLCs Application: Characterization, fabrication and performance
31	Dr. Abdus Salam	Department of Mechanical Engineering, Stevens Institute of Technology, Hoboken, United States	Invited Lecture-26	Recent advancements of tin (II) sulfide monolayer for photonic and optoelectronic device applications
32	Dr. Shweta Sharma	Department of Materials Science and Engineering, Pennsylvania State University, University Park, Pennsylvania 16802, United States	Invited Lecture-27	Optical nano-antennas for light modulation
33	Dr. ThanSingh Saini	National Institute of Technology Kurukshetra	Invited Lecture-28	Soft-glass optical fibers for mid-IR light generation.
34	Dr. Javed Ali	Department of Physics. Jamia Millia Islamia, New Delhi, India	Invited Lecture-29	Carbon nanotubes: Growth and electron emission properties

Participants for Oral Presentation

Sr. No.	Name	Affiliation	Title	Code
1	Rakhi Grover	Amity University, Noida	Fabrication of SnS thin films by chemical bath deposition	**OT-01**
2	Rounak R. Atram	H.R.J. College Of Commerce, Bhavans College, Andheri (W), Mumbai	Biomass Derived Carbon Coupled With Nico2o4 As An Effective Electrode Material For High Performance Supercapacitor	**OT-02**
3	Dr. S Shankara Narayanan	Sharda University	Biological Synthesis Of Sulphur And Nitrogen Doped Carbon Dots And Their Applications As Metal Ion Sensors	**OT-03**
4	Eisha Bartwal	Chandigarh University	Recent PCS outcomes achieved on the high TC oxides LSCO	**OT-04**
5	Ankita Sharma	Chandigarh University,	Anti-De Sitter Space	**OT-05**
6	Jigyasa Bhardwaj	Chandigarh University	Optic Communication	**OT-06**
7	Kajal Kaushik	Chandigarh University	Effect Of Synthesis Conditions On The Photoluminescent Properties Of Eu Doped Gadolinium Oxide Phosphors	**OT-07**
8	Purushottam K Naktode	G H Raisoni Institute Of Engineering & Technology, Nagpur	Effect Of Eu3+ In A2ba4(Po4)3cl (A=K And Na) Halophosphate Phosphor	**OT-08**
9	Rameez Farooq Shah	Jamia Millia Islamia	Behavior Of Granular Gas On Temperature	**OT-09**
10	Adreeja Goswami	Bhaskaracharya College Of Applied Sciences, University Of Delhi	An Estimate Of Dark Matter And Hubble Parameter Using Gravitational Lensing	**OT-10**
11	Mahima Sheoran	Amity Institute Of Nanotechnology	Facile Green Synthesis Route For Carbon Spheres Using Onion Peels For Supercapacitor Applications	**OT-11**
12	Sahit Kumar	Lovely Professional University, Punjab	Gauging Of Potential And Field In Expanding Universe	**OT-12**
13	Neha Taneja	Sharda University, Greater Noida	Bio-Latex Based Quasi Solid State Electrolyte Free Standing Films For Supercapacitors	**OT-13**
14	Md Golam Mustafa	Central University Of Jharkhand , Ranchi	Zno Nano-Catalyst For Sustainable Production Of Biodiesel From Waste Cooking Oil	**OT-14**
15	Abhishek Prashant	Bhaskaracharya College Of Applied Sciences	Importance Of Electron-Molecule Interactions In Plasma Processing	**OT-15**
16	Garima Punetha	Govt Post Graduate College Berinag Pithoragarh, Ssj University, Almora, Uttarakhand	Study Of The Confinement-Deconfinement Phase Transition In The Su (3) Dual Qcd	**OT-16**
17	Mukesh Kumar	Swami Shraddhanand College, University Of Delhi	Solar Powered Smart Irrigation System	**OT-17**
18	Shristy Malik	Delhi Technological University	Analysis Of Solar Cycle Influence On Wind, Temperature, And Surface Pressure During 1981-2021 Over Indian Region	**OT-18**

19	Urosa Latief	Jamia Millia Islamia, New Delhi	Green Synthesis Of Carbon Quantum Dots And Its Aplication As Fluorometric Sensor	**OT-19**
20	Supreeti Das	Gargi College, University Of Delhi	Nanofluids For Thermal Management In Defence Applications	**OT-20**
21	Ashima Makhija	Maharshi Dayanand University, Rohtak-124001, India	Structural And Spectral Characterizations Of Cerium Doped Nano-Phosphors	**OT-21**
22	Anjli	Maharshi Dayanand University, Rohtak-124001, India	Study Of AC Conductivity Of Strontium Doped Sns_2 Nanoparticles	**OT-22**
23	Chanchal	University Of Delhi	A Mediator-Less Self-Powered Photoelectrochemical Water Splitting Using Pld Grown In_2se_3 Thin Films	**OT-23**
24	Reetu	Hindu Girls College	Rietveld Refinement, Dielectric And Magnetic Properties Of $Bi_{0.8}sr_{0.2}fe_{0.92}nb_{0.08}o_3$ Multiferroic Ceramic	**OT-24**
25	Nayana. K	Govt. Victoria College, Palakkad, Kerala, University Of Calicut	Favour Kinetics Of Tin Doped Mos2 Catalyst For Hydrogen Evolution Reaction	**OT-25**
26	Arya B	Mahathma Gandhi College, Univeristy Of Kerala	Structural Parameters Of Amphetamine	**OT-26**
27	Prakash Kumar Jha	Lalit Narayan Mithila University Darbhanga India-846004	Comparative Performance Analysis Of P-Si/N-Cds/Ito Heterojunction Solar Cell By Inserting Cu_2o As A Back Surface Layer Using Scaps-1d	**OT-27**
28	Parul Jindal	Hindu Girls College, Sonipat	Biopolymers: Biodegradable, Biocompatible With Petrochemical Based Plastic	**OT-28**
29	Dr. Sunitha A P	Govt. Victoria College, Pallakkad Affiliated To University Of Calicut	Effect Of Scattered Flower Shaped Mos2-X And Green Carbon Dot Decorated Mos2-X On Electrocatalytic Evolution Of Hydrogen	**OT-29**
30	Sai Raj Ali	Jamia Millia Islamia University	Co Adsorption On 2d-Nio_2 : Insights From Dft+U Calculations	**OT-30**
31	Atish Kumar Sharma	Lalit Narayan Mithila University Darbhanga India	Performance Improvement In P-Si/N-Cds/Ald-Zno Heterojunction Solar Cell By Introducing And Optimizing A 2d-Ingenious Hole Transport Layer	**OT-31**
32	Pragya Kumar	Indira Gandhi National Open University	Novel Deep Eutectic Solvents For Supercapacitors	**OT-32**
33	Prasanta Murmu	Govt Post Graduate College, Berinag ,Pithoragarh ; Ssj Almora, Uttarakhand	Effect Of Magnetic Field On Dual Qcd Quark-Hadron Phase Transition Garima	**OT-33**
34	Gourav Paliwal	Jamia Millia Islamia, New Delhi	Recent Advances In Graphene-Based Electrodes For Supercapacitors	**OT-34**
35	Anuj Kumar	Shri Venkateshwara University Gajraula (U.P.)	First Principal Study Concentration Profile Of Mn Doped $Znsnas_2$	**OT-35**
36	Sanika Milind Dhopte	Shree Guru Gobind Singhji Institute Of Engineering And Technology, Vishnupuri, Nanded, Maharashtra	Solar Energy Driven Water Pumping System	**OT-36**

37	Gaurav Gautam	Graphic Era Hill University, Dehradun-248001, Uk, India	Tribology Of Spray Formed Aluminium-Based Materials	**OT-37**
38	Avneesh Kumar	S.R.M Institute Of Science And Technology Ncr Campus Gaziyzbad	Structural And Optical Properties Of Chalcogenidews$_2$ Thin Film	**OT-38**
39	Neeraj Bangruwa	University Of Delhi	A Novel Spin-Based Label-Free Electrochemical Dna Hybridization Biosensor And Its Applications For Dengue Virus Detection.	**OT-39**
40	Seema Gupta	Kalindi College	The Effect Of Ball Milling On The Structural And Thermal Properties Of Tio$_2$	**OT-40**
41	Brijeshkumar Yadav	The Institute Of Science, (Hbsu),Mumbai	Biomass Derived Carbon Coupled With Nico2o4 As An Effective Electrode Material For High Performance Supercapacitor	**OT-41**
42	Nisha Yadav	Netaji Subhas University Of Technology	Impact Of Doping Of Rare Earth (Y^{3+}) Ion In The Dielectric And Ferroelectric Properties Of Pure Nickel Ferrites (Nife$_2$o$_4$) Nanoparticles Prepared By Sol-Gel Auto-Combustion Method	**OT-42**
43	Saurabh Singh	Bharati Vidyapeeth's College Of Engineering, New Delhi-110063	Investigation Of Dielectric And Electrical Behaviour Of $Y_2ti_2o_7$ Pyrochlore	**OT-43**
44	Vandana	Punjab Engineering College (Deemed To Be University) Chandigarh	Pyroelectric Thermal Energy Harvester Based On Sol-Gel Derived Plzt Films	**OT-44**
45	L. Pérez-Cabrera	Centro De Nanociencias Y Nanotecnología/Universidad Nacional Autónoma De México	Nimo Sulfided Catalysts Supported On Binary Al_2o_3-Mgo Oxides For The Hydrodesulfurization Of Dibenzothiophene	**OT-45**
46	Rajveer Singh	Atma Ram Sanatan Dharma College, University Of Delhi	Structural, Dielectric And Ferroelectric Properties Of Ni-Modified Lead Zirconate Titanate	**OT-46**
47	Mohammad Saif Khan	Deshbandhu College, University Of Delhi	Novel Numerical Approximations Of Polyakov-Nambu-Jona-Lasinio (Pnjl) Model To Study The Effects Of Dynamic Magnetic Fields On Quark-Gluon-Plasma (Qgp)	**OT-47**
48	Ajay Kumar	Department Of Electronic Science, South Campus University Of Delhi	Effect Of Y-Doping On Bf-Pmn–Pt Ceramics With Dielectric And Ferromagnetic Properties At Mpb Composition	**OT-48**
49	Mohd Sadiq	Arsd College	Ion-Conducting Polymer Composites Electrolytes For Energy Storage Application	**OT-49**
50	Pooja Yadav	Netaji Subhas University Of Technology	Enhancement Of Polarization And Reduced Conductivity In The Manganese (Mn^{2+}) Doped Cobalt Ferrites (Cofe$_2$o$_4$) Nanoparticles Prepared By Solid State Route	**OT-50**

51	Divya Bhandari	Netaji Subhas University Of Technology	Effect Of Lanthanum (La^{3+}) Doping In The Optical And Electric Properties Of Pure Cobalt Ferrite ($Cofe_2o_4$) Nanoparticles Processed By Sol Gel Auto Combustion Technique	**OT-51**
52	Rishikesh Raj	Delhi Technological University	Optical And Structural Properties Of Green Synthesized Graphene Quantum Dots	**OT-52**
53	Vivek Prajapati	University Of Delhi	Conductance Of 3 3 √ × √ Substrate-Induced Graphene Superlattice	**OT-53**
54	Ravinshu	Department Of Physics, Nsut	Study Of Knn Ceramics With Transition Metal Based Multiferroics	**OT-54**
55	Aruna Dhruv Thaker	Bhavans College	Properties Of Confined Hcl Under Carbon Fullerence By Using Dft	**OT-55**
56	Preetika Dhawan	Netaji Subhas University Of Technology (Nsut)	Synthesis Cum Structural And Optical Studies Of Tartaric Acid Crystals Doped With Malachite Green And Trypan Blue Dyes	**OT-56**
57	Dr Naorem Santakrus Singh	Hindu College University Of Delhi	Dispersive Dielectric Behaviour Of Sb – Doped Pmn-Pt Ceramic Near Morphotropic Phase Boundary	**OT-57**
58	Rakesh Kumar	Lalit Narayan Mithila University, Darbhanga, Bihar.	Electronic And Optical Properties Of Transparent Conducting Perovskite $Srnbo_3$: Ab Initio Study	**OT-58**
59	Nurul Shafikah Bt Mohd Mustafa	Universiti Malaysia Terengganu	Synergistic Catalytic Effect Of $Cecl_3$ On The Dehydrogenation Properties Of $Naalh_4$ For Solid-State Hydrogen Storage	**OT-59**
60	Bhupendra Singh	Arsd College	Exact New Black Hole Solutions And Their Thermodynamics	**OT-60**
61	Saroj Rani	Govt. P.G. College, Sector-1 Panchkula, Haryana (K.U.K.)	Mixed Glass Former Effect Of Bismuth Oxide In Bismuth Borate Lithium Cadmium Glasses	**OT-61**
62	Ankita Rawat	Jawaharlal Nehru University	Process Parameters Optimization And Synthesis Of The Two Dimensional Ti3c2tx-Mxene	**OT-62**
63	Manisha Kumari	University Of Delhi	Process Parameters Optimization And Synthesis Of The Two Dimensional Ti3c2tx-Mxene	**OT-63**
64	Patel Maitri Nandubhai	Gujarat Technological University, Ahmedabad	An Overview Of Emerging Non-Lithium Energy Storage Systems	**OT-64**
65	Akash	Chandigarh University	A Mini Review On Two Dimensional (2d) Materials For Energy Storage Applications	**OT-65**
66	Charu Dadwaria	Chandigarh University	Nanoparticles, History, Synthesis And Applications: A Critical Review	**OT-66**

67	Shubham Chaturvedi	K J Somaiya College Of Science And Commerce Mumbai 400077	Effect Of Vacuum Annealing And Oxidation On Resistivity Of Thin Metallic Films	**OT-67**
68	Dinesh Kumar	National Institute Of Technology, Kurukshetra	Thermoelectric And Optical Properties Of Half Heusler Compounds Rbyx (X = Si, Ge): A First Principle Study	**OT-68**
69	Ritu Chaudhari	Indira Gandhi Delhi Technical University For Women	Investigate Photocurrent For Polymer-Bii_3 Composites Pellets For Low Dose Direct X-Ray Detection Applications	**OT-69**
70	Owais Amin	Lovely Professional University,Phagwara Punjab	Synthesis And Optimization Of Ionic Conductivity In Pvdf- Sodium B-Alumina Hybrid Nanocomposite System	**OT-70**
71	Arpita Dwivedi	Banaras Hindu University	Chitosan Functionalized Ca-Eu: Y_2o_3@Sio_2 Luminescent Core-Shell Nanoparticles For The Sensitive And Specific Detection Of Dna	**OT-71**
72	Aftab Alam	Bhaskaracharya College Of Applied Sciences , University Of Delhi	Air Pollution Monitoring And Gas Leakage Detection With Inbuilt Alert System	**OT-72**
73	Nitin Joshi	Acharya Narendra Dev College (University Of Delhi)	Estimating Air Pollution Tolerance Index Of Some Native Tree Species In Delhi Using Uv-Vis Spectroscopy	**OT-73**
74	Hera Tarique	Jmi And Arsd College, University Of Delhi	Preparation And Structural Investigation Of Olivine Structured Lifepo4	**OT-74**
75	Paras Saini	Amity Institute Of Applied Sciences, Amity University	Synthesis And Investigation Of $Ba_7nb_4moo_{20}$ Hexagonal Perovskite As An Oxide Ion Conductor	**OT-75**
76	Gunjan Yadav	University Of Delhi	Oplet Based Triboelectric Nanogenerator By Conjunction Of Photovoltaic And Triboelectric Effect	**OT-76**
77	Reetika Karwasra	Goswami Ganesh Dutta Sanatan Dharma College, Panjab University	A Brief Review On The Development In Bio-Waste Derived Electrodes For Supercapacitors: Trends And Challenges	**OT-77**
78	Swati Jharwal	Atma Ram Sanatan Dharma College	Structural And Magnetic Properties Of Sol Gel Synthesized La1.88 Sr0.12comno6 Nanoparticles	**OT-78**
79	Amit Kumar	Rakiya Degree College Unnao	Shadow Of Regular Rotating Wormholes	**OT-79**
80	Sushma Yadav	Department Of Mechanical Engineering, Govternment	Bioactive Glass For Biomedical Application: An Overview	**OT-80**

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81	Poonam Jain	Sri Aurobindo College, University Of Delhi	Investigating Energy Levels In Actinides	**OT-81**
82	Dinesh Kumar	Noida Institute Of Engineering And Technology Gr Noida	Fabrication And Characterization Of The Al 6063/ Al_2o_3/Zro_2 Composite By Friction Stir Processing	**OT-82**
83	Manisha Upadhyay	Arsd College,South Campus, University Of Delhi, Delhi	Understanding Structural Variations In $Ge_{20}te_{80}$ Amorphous Chalcogenide Using In-Situ Raman Studies	**OT-83**
84	Chitralekha	Department Of Physics, Arsd College, University Of Delhi	Strong Improvement In Hydroelectric Cell Application In Lsmo-Bt Composit	**OT-84**
85	Manurbhav Arya	Amity University, Noida	Synthesis Of Ternary Compound And Study Of Their Structural And Electrical Behaviour Along With Hydroelectric Cell Application	**OT-85**
86	Manisha	Amity University,Noida, U.P.	Synthesis Of Ternary Lcmobtand Study Of Their Structural And Electrical Behaviour Along With Hydroelectric Cell Application	**OT-86**
87	Fabian N. Murrieta-Rico	Universidad Politécnica De Baja California	Synthesis And Characterization Of Zeolites Using Textile Materials	**OT-87**
88	Ashok Kumar	Delhi Technological University And Arsd College, University Of Delhi	X-Ray Diffraction, Raman And Photoelectron Spectroscopy Studies Of $Lav_{1-X}nb_xo4$	**OT-88**
89	Shiva Lamichhane	University Of Delhi	Correlation Between Pulsed Laser Energy And Magnetic Property Of $Bifeo_3$ Thin Films	**OT-89**
90	Garima Singh	Jaypee Institute Of Information Technology	Comparative Study Of Bacterial Cellulose Production By Two Different And Analysis Of Physiochemical Properties	**OT-90**
91	Jay Kumar Sirmoria, Sruthi Kumar	Acharya Narendra Dev College, University Of Delhi	Estimation Of Particulate Matter Exposure Experienced By An Undergraduate Student In Delhi On A Daily Basis	**OT-91**
92	Ananya Trivedi	Jaypee Institute Of Information Technology,Noida	Wastewater Treatment Using Chitosan Biopolymer	**OT-92**
93	Razi Ur Rahman	Jaypee Institute Of Information Technology, Noida	Investigations On The Role Of Media Components On Physicochemical Characteristics Of Fungal Chitosan Extracted From Trichoderma Sp.	**OT-93**
94	Garima Singh	Jiit, Noida-62	Bacterial Cellulose: Sustainable Production Strategies And Industrial Applications	**OT-94**
95	Rakhi Pandey	Jiit, Noida-62		**OT-95**

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96	Manish Kumar	Physics Department, Lucknow University Lucknow	Tuning The Physical Properties Of Perovskite Multiferroics For Energy Applications	**OT-96**
97	Vineeta	University Of Delhi	Improved Morphology And Excitonic Emission Of 2d Mos_2 By Incorporating Mechanical Grinding In The Liquid Phase Exfoliation Synthesis Process	**OT-97**
98	Narendra Bihari	Lalit Narayan Mithila University, Darbhanga	Twenty-First Century Novel Bragg Fibers: A Modern Approach Towards Sensing And Optoelectronic Applications	**OT-98**
99	Manisha Upadhyay	Arsd College, South Campus, University Of Delhi, Delhi	Thermal, Structural And Electrical Studies Of Iv-V-Vi Family Of The Chalcogenide Alloys: A Comparative Study	**OT-99**
100	Kaushal Jha	Department of Electronic Science, B R A Bihar University, Muzaffarpur, 842001, India	Eu 3+ /Tb 3+ /Dy 3+ doped Barium Zinc phosphate glasses for white light emission	**OT-100**
101	Ms. Supriya M. Kshetrapal	Anand Niketan Senior College, Anandwan ,Warora,Chandrapur - 442	Tunable luminescence properties of host sensitized luminescence phosphor NaBi(WO 4) 2 :Ln 3+ (Ln 3+ :Nd 3+ ,Tb 3+ Sm 3+)	**OT-101**

Participants for Poster Presentation

Sr.No.	Name	Affiliation	Title	Code
1	Lalit kumar Katre	Dhote Bandhu Science College, Gondia	Extraction & Study Of Effect Of Solvent & Ph On Anthocyanins Pigments	**PP-01**
2	Manohar Singh	Rajdhani College, University Of Delhi	To Study The Photocatalytic Properties Of Nitrogen Doped Ag/Fe/Mwcnt/Zno Nanocomposites	**PP-02**
3	Poonam	Hindu Girls College, Sonipat	Half-Metallic Ferromagnetism Of C-Doped Bes Compound For Spintronic Applications	**PP-03**
4	Neeraj Mishra	Atma Ram Sanatan Dharma College, New Delhi	Green Synthesis Of Zinc Oxide Nanoparticles And Its Composite For Degradation Of Methylene Blue And Methyl Orange Dye In The Visible Region	**PP-04**
5	Saroj Kumar Jha	Delhi Technological University	Innovations &Amp; Future Prospects Of Advanced Materials (Ifpam2023)	**PP-05**
6	Vineet Sharma	Delhi Technological University	Synthesis And Investigation On The Enhanced Photocatalytic Performance Of Pure And Mn-Doped Znse Quantum Dots For Cleaning The Water Pollutants	**PP-06**
7	Neelam Agrawal	University Of Lucknow	First Principle Study of interaction of Iridium Nanocluster with Amino Acids	**PP-07**
8	Nidhi Bhatt	Jamia Millia Islamia, New Delhi	Switching Properties Of Selenium Doped Sb2te3 Thin Film For Phase Change Memory	**PP-08**
9	Zeeshan Khan	Jamia Millia Islamia	Laser Induced Nonlinear Optical Response Of Graphene Oxide	**PP-09**
10	Panchasara Akshay Bharatbhai	Department Of Electronics, Saurashtra University, Rajkot.	Studies On Electrical Properties Of Thin Film Based Layered Fefet Devices	**PP-10**
11	Suminda	A.I.J.H.M College Rohtak Haryana	Mechanical Studies Of L-Threoninium P-Toluenesulfonate (Ltptm) Monohydrate Single Crystal	**PP-11**
12	Ankita	Delhi Technological University	Investigations Of Atomic Disorder And Grain Growth Kinetics In Polycrystalline Gd 2 Ti 2 O 7	**PP-12**
13	Abdul Whab	Jamia Millia Islamia New Delhi	Structural Phase Transition Of Se Doped Gete Films For Phase Change Memory	**PP-13**
14	Shahin Parveen	Jamia Millia Islamia New Delhi	Improvements In Thermal Stability And Data Retention Of Ge2sb2te5 By Addition Of Sulphur For Phase Change Memory	**PP-14**
15	Dr. STUTI JAISWAL	Sunrise University	Interaction Between Alanine And Carbon Nanocone: A Density Functional Theory Study	**PP-15**
16	Meena Yadav	Sushant University	Tuning Of Optical Properties Of Graphene Oxide	**PP-16**

17	Ritu Chahal	Maharshi Dayanand University, Rohtak-124001	Synthesis And Characterization Of Feni Alloy Nanocomposite With Reduced Graphene Oxide	**PP-17**
18	Areeba Khan	Lucknow University	Spectroscopic and quantum chemical investigation to explore the effect of intermolecular interactions in Hydrochlorothiazide after cocrystallisation with 4-aminobenzoic acid	**PP-18**
19	Ankita	Sgt University Gurugram	A Review On Graphene Derivative-Based Materials For Supercapacitors	**PP-19**
20	Mohd Muaaz Ansari	University Of Delhi	Dielectric And Optical Investigation Of Anisotropic Structural Alignment In Rice Starch	**PP-20**
21	Komal Poria	Maharshi Dayanand University Rohtak	Study Of Structural Properties Of Zncl2 Modified Tellurite Based Glasses	**PP-21**
22	Mohd Sarvar	Jamia Millia Islamia	Synthesis And Characterization Of Cu-Mof (Copper-Metal Organic Framework) For Gas Sensor And Electron Emission Devices	**PP-22**
23	Shobha Khera	Hindu College, Sonipat	Performance Check Of Different Pure And Hybrid Dft Within Lcao Approximations Using Compton Spectroscopy For Gadolinium And Dysporsium	**PP-23**
24	Ajeet Gupta	Srm Institute Of Science And Technology, Ncr Campus, Modinagar, Ghaziabad, 221005, India	Analysis Of Nanocrystalline Thin Film Of Zns By Using The Chemical Bath Deposition Method	**PP-24**
25	Rinki Aggarwal	Amity University Noida	Facile Synthesis Of Sns By Solvothermal Method For Sensing Applications	**PP-25**
26	Yamini	Maharshi Dayanand University, Rohtak	Synthesis Of Ternary Nanocomposite (Metal/Metal Oxide/Rgo) For Emi Shielding	**PP-26**
27	Rajeev	Faculty Of Science, Shree Guru Gobind Singh Tricentenary University, Gurugram, Haryana – 122505	Nanostructured Bragg Fibre &Amp; Applications For Photonic Systems	**PP-27**
28	Priyanka	Delhi Technological University	Influence Of Impurity On The Second Harmonic Generation Of Inxga1-Xas Double Quantum Wire.	**PP-28**
29	Pushpa Bindal	Kalindi College, University Of Delhi	Graphical User Interface (Gui): Characterization Technique For Photonic And Plasmonic Structures	**PP-29**
30	Dharmendra Kumar Maheshwari	Vellore Institute Of Technology-Vit Bhopal	Impact Of Niobium And Tellurium Substitution In Li 1.3 Al 0.3 Ti 1.7 (Po 4) 3 : A Study On Structural Parameters.	**PP-30**
31	Giriraj Dilip Dandekar	M.M College Of Arts, N.M. Institute Of Science, H.R.J College Of Commerce, Bhavans College, Andheri -(W), Mumbai, 400058, India	Extraction Of Carbon From Biomass-Based Bamboo And Coconut Husk For Enhancement High Performance Supercapacitor	**PP-31**
32	Punita Verma	Kalindi College, University Of Delhi	Thin Film Targets Of Rare Earth Elements For Atomic Physics Experiments	**PP-32**
33	Mudasir Younis Sofi	Jamia Millia Islamia	Thermoelectric Response Of Vacancy Order Double Perovskite K 2 Ptbr 6 For Energy Harvesting Applications	**PP-33**

34	Awadhesh Kumar	Banaras Hindu University, Varanasi	Mxene Based Surface Plasmon Resonance Biosensor With Higher Detection Accuracy And Quality Factor	**PP-34**
35	Shah Masheerul Aalam	Jamia Millia Islamia	Ammonia Gas Sensing Characteristics Of Mwcnt And Bi-Mwcnt Operating On The Room Temperature.	**PP-35**
36	Jaya Tomar	Atma Ram Sanatan Dharma College, New Delhi	Green Synthesis Of Zinc Oxide Nanoparticles And Its Composite For Degradation Of Methylene Blue And Methyl Orange Dye In The Visible Region	**PP-36**
37	Monarch Kumar	Atma Ram Sanatan Dharma College, University Of Delhi	Investigation Of Biopolymer Composite Electrolyte Based On Nacmc For Electrochemical Device Applications	**PP-37**
38	Neha	Bhaskaracharya College Of Applied Sciences, University Of Delhi	Nickel Oxide-Bismuth Ferrite Based Core-Shell Nanocomposites For Excellent Microwave Absorbing Applications	**PP-38**
39	Sandeep Kumar	Bhaskaracharya College Of Applied Sciences (University Of Delhi)	Magnetic And Microwave Absorption Studies Of Bismuth-Cobalt Ferrite Core-Shell Nanocomposites	**PP-39**
40	Prachi Yadav	Kirori Mal College (University Of Delhi)	Design Of Light Weight Microwave Absorber Based On Cobalt Ferrite- Nickel Oxide Core-Shell Nanocomposites	**PP-40**
41	Rajnikant Upadhyay	Indian Institute Of Technology (Bhu)	Electronic Structure Calculation Of Zircon Type Dyvo 4	**PP-41**
42	Ranjan Kumar	Magadh University, Bodh Gaya, Gaya, Bihar	Nonlinear Effect And Controllable Transparency In A Auxiliary Cavity Assisted Hybrid Optomechanical System With Quantum Dot Molecules In Presence Of Quadratic Coupling	**PP-42**
43	Muzahir Iqbal	Central University Of Punjab Bathinda	One-Step Microwave Synthesis Of Carbon Coated Cobalt Sulfide For High- Performance Symmetric Supercapacitor.	**PP-43**
44	Sanju Rani	National Physical Laboratory (Npl)	Thickness Dependent P-N Switching In Snse 2 /Sno X /Snse Heterojunction-Based No 2 Gas Sensor	**PP-44**
45	Pratiksha Pratap	Csir- National Physical Laboratory, New Delhi,110012, India	Effect Of N2 Partial Pressure On Superconducting Properties Of Nbtin Films Fabricated By Reactive Sputtering	**PP-45**
46	Savita Sahu	Csir - National Physical Laboratory	Frequency Dependent Inverse Spin Hall Effect (Ishe) In Py/Pt Thin Film Stacking	**PP-46**
47	Kamlash Rani	Lovely Professional University	Nanomaterials Based On Perovskite: Tructures, Synthesis And Applications	**PP-47**
48	Sachin Kumar	Department Of Physics And Astrophysics, University Of Delhi	Investigating The Morphological Evolution, Electron Paramagnetic Resonance, And Electrical Characterizations Of Barium Titanate With Sn-Incorporation	**PP-48**

49	Gurjot Singh	Shree Guru Gobind Singh Tricentenary University, Gurugram	Elemental Analysis Of Ayurvedic Medicines Of Bhasma Family Using X-Ray Fluorescence Technique	**PP-49**
50	Agnibha Das Majumdar	Lovely Professional University	First Principal Research For Determination Of Structural Attributes Of A Ternary Transition Metal Nitride Compound Hf X Zr 1-X N	**PP-50**
51	Amit Singh Negi	A.R.S.D College, University Of Delhi	Investigation On Structural And Optical Properties Of Sol-Gel Prepared Cr Doped Zno Nanoparticles	**PP-51**
52	Soumili Roy	University Institute Of Science (Uis), Chandigarh University	Tuning Optical Properties Of Bimetallic Nanostructures Using Galvanic Replacement	**PP-52**
53	Jatinder Pal Singh	Department of Physics, ANDC, University Of Delhi	Room temperature NO_2 sensing performance of WO_3 coated Quartz Crystal Microbalance (QCM)	**PP-53**
54	Abhay Singh Rajawat	Jamia Millia Islamia	Chiral Spin Texture In Magnetic Insulator	**PP-54**
55	Vivek Kumar	Jawaharlal Nehru University, New Delhi- 110067	Insight Into The Effects Of 1.75 Mev Xe 5+ Ion Irradiation On C-Fluorite Structured Oxides With Xrd, Raman, And Sem Analysis	**PP-55**
56	Yash Yadav	Delhi Technological University	Build A Delta 3d Printer Using Fused Deposition Modeling Technology And It's Efficacy In Various Aspects	**PP-56**
57	Rajkumar Mulchand Patle	Dhote Bandhu Science College, Gondia	Extraction, Separation And Quantification Of Carotenoids From Natural Products	**PP-57**
58	Nirpat Subba	Cooch Behar Panchanan Barma University	Variation Of Elliptic Flow At Different Collision System At 200 Agev	**PP-58**
59	Draupath Umesh	Dr. Vishwanath Karad Mit World Peace University	Gap Solitons In Cosine-Apodized Photorefractive Lattices Exhibiting The Quadratic Nonlinearity	**PP-59**
60	Baharul Islam Laskar	Assam University Silchar	A Dft Study On The Role Of Pristine And Modified Graphene In The Adsorption Of Hsss . Radical	**PP-60**
61	Mon Bahadur Ghalley	Chandigarh University	Few Bosons Tunneling Dynamics In Double And Triple Well: A Review	**PP-61**
62	Arvind Kumar	University Of Delhi	Structural, Electronic And Optical Properties Of Sbi 3 : Dft Calculations	**PP-62**
63	Satyam Chaturvedi	Indian Institute Of Technology (Bhu), Varanasi	Green Emitting Dy 3+ /Ho 3+ Co-Doped Srmoo 4 Phosphors For White Light Led	**PP-63**
64	Tanmay Rohilla	Jaypee Institute Of Information Technology, Noida-62	Role Of Chitosan And Its Derivatives Used In The Treatment Of Wastewater	**PP-64**
65	Ajay Kumar Sao	University Of Delhi	Cds Thin Film Based Qcm Sensor For The Efficient Detection Of No 2 Gas At Room Temperature	**PP-65**
66	Shital M. Dekate	Dhote Bandhu Science College, Gondia	Synthesis, Adme Analysis, And Antimicrobial Evaluation Of Newly Imidazole Derivatives Comprising Thiazole Moiety	**PP-66**
67	Himanshi	Sushant University, Gurugram	Solvothermal Synthesis And Characterization Of Mof-5	**PP-67**
68	Meenakashi Patwal	Delhi Technological University	Optimizing Dfb Laser Diode Performance Through Facet Reflectivity Control	**PP-68**
69	Ashvini Vijay Meshram	Dhote Bandhu Science College, Gondia	Structural Comparison Of Ferrites Synthesised By Sol-Gel And Co-Precipitation Methods And Used It For Adoption Of Heavy Metals	**PP-69**

70	Sheetal Kumari	Delhi Technological University	Structural And Luminescent Properties Of Sm3+/Eu3+ Ions Co-Doped Tungstate Phosphor For Red Emitting Device Applications	**PP-70**
71	Anshu Gangwar	Delhi Technological University	Synthesis Of Glucose-Derived Graphene Quantum Dots	**PP-71**
72	Vibha Sharma And Shreya Maurya	Delhi Technological University	Photoluminescence And Optical Studies Of A Temperature Sustainable Dy3+ Doped Silicate Phosphor For Photonic Applications	**PP-72**
73	Vrishty Kundu	Amity University Noida	Fabrication Of Silicon Nanowires For Solar Cell And Sensor Applications	**PP-73**
74	Neha Yadav	Netaji Subhas University Of Delhi (Physics Department)	Aluminum Nitride For Mems Inertial Sensors In Harsh Environments	**PP-74**
75	Monika Ghimiray	M.Sc In Physics, Cooch Behar Panchanan Barma University	Low Energy Study Of Chemical Freeze-Out	**PP-75**
76	Kajal	Chandigarh University	Dipolar Bose Einstein Condensate: A Review	**PP-76**
77	Anjori Sharma	Lovely Professional University	Enhanced Structural And Optical Properties Of Pr 3+ Substituted Gadolinium Garnet Ferrite For Optical Devices Application	**PP-77**
78	Manisha Singh	Chandigarh University Mohali , Punjab	Pla: A Biomaterial For Bone Regeneration And Tissue Engineering	**PP-78**
79	Jai Shree Choudhary	Netaji Subhas University Of Technology	Improvement In Thermoelectric Properties Of Bismuth Chalcogenides With Ag, Pb And Co Doping	**PP-79**
80	Babita Sharma	University Of Delhi	Development Of Triboelectric Nanogenerator Based On Lead Free Knn-Pvdf Composite	**PP-80**
81	Yogesh Kumar	Hansraj College, University Of Delhi, New Delhi	Investigating Energy Levels In Actinides	**PP-81**
82	Syed Anas Ali	Atma Ram Sanatan Dharma College	Role Of Internet Of Things (Iot) In The Development Of Healthcare	**PP-82**
83	Akash Yadav	Atma Ram Sanatan Dharma College	Chatbots: Revolutionizing Education And Personalized Learning	**PP-83**
84	Puneet Kumar Pareek	Delhi University	Sustainable Sodium-Ion Battery With Biodegradeable Material	**PP-84**
85	Priyanshi Rai	Atma Ram Sanatan Dharma College	Emerging Electronic Devices In The Field Of Medical	**PP-85**
86	Rakesh Kumar	Lalit Narayan Mithila University, Darbhanga, Bihar.	Investigating Electronic And Optical Properties Of Ferroelectric Optical Material $Linbo_3$: A Dft Study	**PP-86**
87	Nurul Shafikah Bt Mohd Mustafa	Universiti Malaysia Terengganu	Synergistic Catalytic Effect Of Cecl3 On The Dehydrogenation Properties Of Naalh4 For Solid-State Hydrogen Storage	**PP-87**
88	Poonam Jain	Sri Aurobindo College, University Of Delhi	Involvement Of Magnetic Field On Quark Gluon Plasma Evolution In Relativistic Heavy-Ion Collisions	**PP-88**
89	Fabian N. Murrieta-Rico	Universidad Politécnica De Baja California	Comparative Analysis Of Zeolite X And A Using Uv-Vis Spectroscopy	**PP-89**
90	Ananya Trivedi	Jaypee Institute Of Information Technology,Noida	Exploring The Potential Of Chitosan As Biosorbent For Recovery Of Precious Metals From Waste Water	**PP-90**
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