

### List of Accepted Papers-IWCCMP-2016

S. No.	Paper Code	Authors	Title of the paper	Address
1.	SI-1	G. C. Kaphle, S. Lamichhane and N. P. Adhikari	Study of Electronic and Magnetic properties of some Perovskites : KNbO <sub>3</sub> , PbTiO <sub>3</sub> , LaFeO <sub>3</sub> and LaMnO <sub>3</sub>	Central Department of Physics, Tribhuvan University, Nepal
2.	SI-2	Madhvendra Nath Tripathi	First-principles Analysis of Electronic Structure of Nickel and Lithium Cathode Materials	Department of Pure and Applied Physics, Guru Ghasidas Vishwavidyalaya (Central University), Koni, Bilaspur, Chhattisgarh, India 495009.
3.	SI-3	K.Thyagarajan, K.Sreelalitha	Effect of Sol Temperature on Structural and Optical Properties Of PZT Thin Films	Department of Physics, JNTUA College of Engineering, Pulivendula-516390, Y.S.R.District, Andhra Pradesh, India.
4.	SI-4	R. Chandiramouli, Anurag Srivastava, S. Sriram, V. Nagarajan	Structural and electronic properties of InGaAs, InGaP and InGaSb nanostructures – A density functional theory approach	School of Electrical & Electronics Engineering SASTRA University <i>Tirumalaisamudram, Thanjavur -613 401, India</i>
5.	SI-5	A.N. Chibisov, M.A. Chibisova	Ab initio study of elastic properties of 2D materials: a case of silicene	Computational Center, Far Eastern Branch, Russian Academy of Sciences, Russia
6.	SI-6	Shiv P. Patel, J. C. Pivin, Ramesh Chndra, Lokendra Kumar, and D. Kanjilal	Controlled Modifications of ZnS Thin Films Properties under Dense Electronic Excitations	Department of Pure & Physics, Guru Ghasidas Vishwavidyalaya (A Central University), Bilaspur-495009
7.	RP100	Alpana Tiwari and N.K.Gaur	Lattice Dynamics of Orientationally Disordered (NH <sub>4</sub> Br) <sub>x</sub> (KBr) <sub>1-x</sub> Mixed Crystals	Government Motilal Vigyan Mahavidyalay, Bhopal-462002, India.
8.	RP101	Seema Rajput, Mahendra Mehra, A. S. Khanb	Thermodynamic Properties of Olivine Under The Effect of High Temperatures	Department of Physics, Govt. Motilal Vigyan Mahavidyalaya, Bhopal (M.P.), India
9.	RP102	Deepa Sharma and Neena Jaggi	Novel use of Singlewalled Carbon Nanotubes as Superconducting Nanomaterials	SUS Government Post-graduate College, Matak-Majri (Haryana) India-132041 National Institute of Technology, Kurukshetra (Haryana) India-136118
10.	RP103	Gitanjali Pagare, Ekta Jain, and Shubha Dubey	A DFT Study on Phase Stability, Electronic, Elastic And Mechanical Properties of CoZr	Department of Physics, Sarojini Naidu Govt. Girls P. G. Auto. College, Bhopal-462016, India
11.	RP104	Uma Shankar Sharma and Rashmi Shah	Investigation of Effect Of Mn Doping In Magnetic Properties of ZnFe <sub>2</sub> O <sub>4</sub>	Nano Materials Lab, Rustamji Institute of Technology, BSF Academy Tekanpur, Gwalior MP-475005
12.	RP105	Tufan Roy, and Aparna Chakrabarti,	Ab Initio Study of Effect of Co Substitution on the Magnetic Properties of Ni <sub>2</sub> MnGa	Theory and Simulations Lab, HRDS, Raja Ramanna Centre for Advanced Technology, Indore-452013, India
13.	RP106	H. K. Mallick, H. Maharana, M. Mishra and A. K. Pattanaik	Synthesis, Structural And Optical Properties of SnO <sub>2</sub> Nanoparticles	Department of Physics, Veer Surendra Sai University of Technology, Burla, Odisha-768018 Department of Metallurgical and Materials Engineering, NIT Rourkela, Odisha-
14.	RP107	Meena Kumari, Manju Sikarwar and U.P. Verma	Investigation Of Structural, Electronic And Magnetic Properties of Hg <sub>2</sub> : An Ab-Initio Study	School of Studies in Physics, Jiwaji University, Gwalior – 474 011 (INDIA)
15.	RP108	Shobha Kulshrestha A.K. Shrivastava	Crystal Growth, Optical and Structural Properties of 3-Aminonitrobenzene Single Crystal	SOS in Physics, Jiwaji University Gwalior (M.P.)-474011

### List of Accepted Papers-IWCCMP-2016

16.	RP109	Ramanand Bisauriya, Saurabh Khandelwal, Y C Goswami	Highly Luminescent ZnS Semiconductor Nanoparticles Synthesized Using Green Chemical Route of Banana Peel Extract	EC Department, ITM University Gwalior 474001, India Physics Department, ITM University Gwalior 474001, India
17.	RP110	Sarika Singh, A.K.Shrivastava	Electrical behaviour of Sm <sup>(+3)</sup> doped with CdSe FTO t	School of studies in physics, Jiwaji University Gwalior, India-47
18.	RP111	Subhashini Vedala M.Sushama	Synthesis and Stoichiometric Analysis of Glycine / Urea Assisted Combustion Synthesis of Nanoporous LiFePO <sub>4</sub> / C Composite Cathodes For EES Applications.	Jawaharlal Nehru Technological University Hyderabad, Hyderabad-500 085, Telangana, India
19.	RP112	Rekha Garg Solanki and P Rajaram	Theoretical analysis of XRD data by X-ray peak profile analysis for estimation of lattice strain and size in CdS nanoparticles	Dept of Physics, Dr H S Gour Central University, Sagar (M.P.) India-470003
20.	RP113	Durgesh Kumar Sharma, S. Kumar and S. Auluck	Impact of N and F doping in ZnO: An ab-initio study	Applied Physics Department, M.J.P. Rohilkhand University, Bareilly- 243 006, India
21.	RP114	Muzzaffar Ahmad Mir, Rawoof Ahmad Naikoo, Rayees Ahmad Bhat, Sami Ullah Bhat, Kautily Rao Tiwari, S.S. Tomar, Radha Tomar	Studies on the chemical synthesis of polyaniline-zeolite nanostructures for the detection of carbon monoxide	Jiwaji University, Gwalior (M.P.)-474011-India
22.	RP115	Bikram Singh, Sanjay K. Verma, Atul Thakur, Mukesh kumar and Dinesh Jasrotia	Structural-Spectroscopic-Relationship in a series of [ZnX]-based metal-organic materials	School of Physics and Materials Science, Shoolini University, Solan-173212, India
23.	RP116	Tarani Prasad Yadav, Samir Paudel, Gopi Chandra Kaphle, and Anurag Srivastava	Electronic and Magnetic properties of CuO Bulk and Nanotubes: Ab-initio Study	Central Department of Physics, Tribhuvan University, Kripipur, Kathmandu, Nepal
24.	RP117	Ram Babu Roy, Laxmi Prasad Poudyal, and Gopi Chandra Kaphle	Electronic and Magnetic Properties of Heusler Alloys Co <sub>2</sub> MnSb and Fe <sub>2</sub> MnGe: First-principles Approach	Department of Physics, Amrit Campus, Tribhuvan University, Kathmandu, Nepal
25.	RP118	Madhav Kafle, Ramesh Bhatta, Bhim Prasad Kafle, Lila Pradhan Joshi, Deepak Prasad Subedi, Armila Rajbhandari	Effect of Fluorine Concentration, Film Thickness, Calcination Environment and Plasma Treatment on Structural, Optical and Electrical Properties of Fluorine Doped Tin Oxide Thin Films	Department of Physics, Amrit Science Campus, Tribhuvan University, Kathmandu,
26.	RP119	Rayees Ahmad Bhat, D. Kumara, Anurag Srivastava, Md. Shahzad Khan, Sami Ullah Bhat, Rawoof Ahmad Naikoo, Javeed Ahmad Ganie, Manzoor Ahmad Mallah, Muzzaffar Ahmad Mir	Synthesis, Spectral and Quantum-Chemical Studies on S-Benzyl β-N-(2-Methyl-3-Phenyl-Allylidene) Dithiocarbamate	Center of Research Department of Chemistry, Govt. Science College, Jiwaji University, Gwalior, 474009, India
27.	RP120	Nipin Kohli, Ravi Chand Singh	Gas Sensing Properties of SnO <sub>2</sub> Activated Cr <sub>2</sub> O <sub>3</sub> thick film sensor	Department of Physics, Guru Nanak Dev University, Amritsar-143005, India
28.	RP121	Archana Sharma, Mushahid Husain and Mohd. Shahid Khan	Adsorption of CO On Cu-doped MoS <sub>2</sub> Sheet: A First Principles Study	Department of Physics, Jamia Millia Islamia, New Delhi 110025, India
29.	RP122	Ankur Pandya, Satyam Shind, Dipak Upadhyay, Prafulla K. Jha	Electron Effective Mass and Resistivity Calculations for Manganese Doped Armchair Graphene via Electron - Polar Acoustical Phonon Interactions	Department of Physics, Institute of Technology, Nirma University, Ahmedabad-382481

### List of Accepted Papers-IWCCMP-2016

30.	RP123	Rawoof A. Naikoo, Sami U. Bhat, Muzzaffar A. Mir, Kautily Rao Tiwari, Radha Tomar and Rayees A. Bhat	Polypyrrole/MWW Type Zeolite Composites: Synthesis and Spectroscopic Studies	School of studies in Chemistry, Jiwaji University, Gwalior (M.P.)-474011-India
31.	RP124	Anamika Singh and B.S. Bhadoria	Study of Annealing Effect of ZnO Nanoparticle with Different Substrates	Deptt. of Physics, Bundelkhand University Kanpur Road, Jhansi (UP)-284128
32.	RP125	Sami Ullah Bhat, Rawoof Ahmad Naikoo, Rayees Ahmad Bhat, Manzoor Ahmad Malla Muzzaffar Ahmad Mir, Kautily Rao Tiwari, S.S. Tomar, & Radha Tomar	H-Modernite Zeolite an efficient, rapid and mesoporous recyclable Catalyst for the Acetylation of 1, 1-Diacylation of Aldehydes	School of Studies in Chemistry, Jiwaji University, Gwalior (M.P.)-474011 India
33.	RP126	Anurag Srivastava, R. Chandiramouli	Electronic and band structure studies on In and N doped $\beta$ -Ga <sub>2</sub> O <sub>3</sub> nanostructures from first-principles calculations	School of Electrical & Electronics Engineering, Shanmugha Arts Science Technology and Research Academy (SASTRA) University, Tirumalaisamudram, Thanjavur, Tamil nadu - 613 401, India
34.	RP127	V. Nagarajan, Anurag Srivastava, R. Chandiramouli	Adsorption of nitrogen dioxide on rutile titanium dioxide nanostructures: DFT investigation	School of Electrical & Electronics Engineering SASTRA University, Tel: +919489566466 <i>Tirumalaisamudram, Thanjavur -613 401, India</i>
35.	RP128	Deepak upadhyay and Prafulla K Jha	First Principles study of Pressure dependent Lattice dynamics of Delafossite CuAlO <sub>2</sub> and AuAlO <sub>2</sub>	Department of Applied Physics, Faculty of Technology and Engineering, The M.S. University of Baroda, Vadodara-390 001, India
36.	RP129	Dr. Rishi Diwan, Sarthak Bhatia	Reducing power losses caused by parasitic currents in Reverse electro-dialysis stacks	PEES, UPES
37.	RP130	Anita Shinde and Mohan Shinde	Development of metal – chelating drugs	Department of Chemistry, Institute for Excellence in Higher Education , Bhopal - 462002 (India) Department of Community Medicine, Gandhi Medical College, Bhopal - 462 001 (India)
38.	RP131	Sweetie jain, Pankaj Kumar Mishra, Vandana Vikas Thakare	Design And Analysis of Dual- Frequency Microwave Moisture Sensor Based on Rectangular Microstrip Antenna	Department of Electronics, ASET, Amity University Gwalior M.P.
39.	RP132	Sweetie jain, Pankaj Kumar Mishra, Vandana Vikas Thakare	The Analysis and Design of Circular Microstrip Moisture Sensor for Rice Grain	Department of Electronics, ASET, Amity University Gwalior M.P.
40.	RP133	Rachana Kathal, Pankaj Kumar Mishra and Jyoti Mishra	Polymer Nanocomposite Electrets as Electrochemical Sensors for Some Modified Sulphonamides	Dept. of Applied Chemistry, ASET, Amity University Madhya Pradesh, Gwalior, M.P. India.
41.	RP134	Rachana Kathal, Pankaj Kumar Mishra and Jyoti Mishra	NanoZnO Modified Polymer Electret Electrodes for Cyclic Voltammetry of Some Synthesized Anils	Dept. of Applied Chemistry, Amity University Madhya Pradesh, Gwalior, M.P. India.
42.	RP135	Pankaj Kumar Mishra	Characterization and Thermally Stimulated Depolarization Current Studies of pure and Malachite Green doped PVK Samples	<i>Dept. of Applied Physics, Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior, India</i>
43.	RP136	<del>Sandeep</del> , Manoj Karakoti, Vinay Deep Punetha, Nanda Gopal Sahoo	Synthesis of 2-D Nanomaterials For Energy Applications	Nanoscience and Nanotechnology Centre, Department of Chemistry, D.S.B. Campus, Kumaun University, Nainital, India
44.	RP137	<del>Sunil Dhali, Vinay Deep Punetha, S.P.S. Mehta, Nanda Gopal Sahoo</del>	Synthesis of Graphene and Carbon Nanotubes Hybrid for Fuel Cell Applications	Nanoscience and Nanotechnology Centre, Department of Chemistry, D.S.B. Campus, Kumaun University, Nainital, India
45.	RP138	Amreen Bano, Preeti Khare and Neeraj K Gaur	Electronic and Thermal Properties of Monolayer Dichalcogenide MoS <sub>2</sub> : A First-Principles Approach	Barkatullah University, Department of Physics, Bhopal-462026, India

### List of Accepted Papers-IWCCMP-2016

46.	RP139	Narendra K. Garg, V. Maheshwari, Manisha Pattanaik, Pankaj Kumar Mishra	Modelling for Crosstalk Noise based on 2- $\pi$ Model for On-Chip VLSI RLC Tree Interconnections	Deptt. of ECE, Amity School of Engineering & Technology, Amity University Madhya Pradesh, Gwalior- India-474005
47.	RP140	Narendra K. Garg, V. Maheshwari, Manisha Pattanaik, Pankaj Kumar Mishra	Energy Consumption in VLSI RC Tree Interconnect for a Saturated Ramp Input	Deptt. of ECE, Amity School of Engineering & Technology, Amity University Madhya Pradesh, Gwalior- India-474005
48.	RP141	Pankaj Pathak, Manisha Singh, Pankaj Kumar Mishra	The Development of Mn/Dy Activated MgAl <sub>2</sub> O <sub>4</sub> as an Efficient Phosphor	Department of Applied Physics, Amity School of Engineering and Technology Amity University, Gwalior (MP)-474005
49.	RP142	Mohan Kantharia and Pankaj Kumar Mishra, Pavan sai	Impact of Nano Particles and Polymers on Behaviour of Cement Concrete	Department of Civil Engineering, Amity School of Engineering and Technology, Amity University Madhya Pradesh, India
50.	RP143	Amit Kumar, Rajesh Kumar, Archana Gupta and Poonam Tandon	Vibrational Spectroscopic Investigation and Hyperpolarizability Studies of Some Nonlinear Optical Materials using DFT Method	Departmen of Physics, University of Lucknow, Lucknow, India Department of Applied Physics, F.E.T., M. J. P. Rohilkhand University, Bareilly, India
51.	RP144	Reena, Pratibha Singh and Archana Gupta	DFT Study of Structure and Vibrational Spectra of Clotrimazole: Comparison to Experimental Data	M. J. P. Rohilkhand University, Bareilly, India
52.	RP145	Jyoti Mishra, Pankaj Kumar Mishra and Rachana Kathal	Structural and Dielectric Relaxation Spectroscopy in pure and Malachite Green doped Polyvinyl Carbazole (PVK) foil Samples	IPS College of Technology and Management, Gwalior (M.P)- India
53.	RP146	Pankaj Kumar Mishra, Jyoti Mishra and Rachana Kathal	Study of Performance of Electrets Based on Novel Polymer Blends	ASET, Amity University Madhya Pradesh, Gwalior, M.P.- India
54.	RP147	Dr. Mohammad Israr, Dr. Anshul Gangele	The Effect of growth and evolution model of logistics symbiosphere	College of Engg tech. Dungarur, Rajasthan
55.	RP148	Dr. Mohammad Israr, Dr. Anshul Gangele	Taxonomy of manufacturing Flexibility at Manufacturing Companies Using Imperialist Competitive Algorithms, Support Vector Machines and Hierarchical Cluster Analysis	Medicaps University Indore, MP
56.	RP149	Manisha jain	Inspiration and purpose in the advancement of biomaterials	Amity University Madhya Pradesh
57.	RP150	Sachin Rishishwar, Rinkoo Bhatia, Anurag Shrivastava	Electronic and Structural Properties of Co-Doped ZnO Triangular Nanowire	Department of ECE, Amity University Madhya Pradesh.
58.	RP151	Rinkoo Bhatia , Pankaj Kumar Mishra and Rekha Gupta	Interference Studies of DVB-T2 and LTE based Wireless devices with improved Thin Film properties for Cognitive radio systems	Dept. of ECE, Amity School of Engineering and Technology, Amity University Madhya Pradesh, Gwalior - India
59.	RP152	Anu, Archana sharma, Md. Shahzad Khan, Anurag Shrivastava, Mushahid Husain, Mohd. Shahid Khan	Single Electron Transistor Based on Chromium Complex of Thiophene: First Principle Study	Jamia Millia Islamia, New Delhi 110025, India
60.	RP153	Anukrati Joshi, Sapana Jaiswal , Santosh Sharma and Shiva Shankar	Sustainable Domestic Wastewater Management for Energy Efficiency in India	Jaypee University of Engineering & Technology, Raghogarh, Guna District, Madhya Pradesh 2 Assistant Professor, Department of Civil Engineering, Jaypee University of Engineering & Technology, Raghogarh, Guna District, Madhya Pradesh
61.	RP154	Jyoti Mishra, Mohan Kantharia, Ashish Dixit, Manisha Jain and Pankaj Kumar Mishra	Characterization of pure and doped PVK films for the use in microelectronics applications	Dept. of Engg. Physics, Institute of Professional Studies Gwalior (M.P)-India
62.	RP155	Reena Srivastava, Sadhana Shrivastava and Anurag	3,0 GRAPHENE NANORIBBON AS HBR SENSOR: AN AB-INITIO ANALYSIS	Department of Chemistry, SLP College, Gwalior 474010, India

### List of Accepted Papers-IWCCMP-2016

		Srivastava		<i>Advanced Material Research group, CNT Lab, ABV-Indian Institute of Information Technology &amp; Management Gwalior 474015, India</i>
63.	RP156	Boddepalli S.Bhushan, Md. Shahzad Khan and Anurag Srivastava	Electrolytic Diffusion Behavior of Porous Graphene for Supercapacitor Applications	Advanced Materials Research Group, CNT lab, ABV-Indian Institute of Information Technology and Management, Gwalior (M.P. - 474010), India.
64.	RP157	Sushmita Dandeliya and Anurag Srivastava	B(N) doped CNT as Ammonia Sensor: Ab-initio study	<i>Advance Material Research Group, CNT Lab, ABV-Indian Institute of Information Technology &amp; Management, Gwalior- 474015, M.P, India</i>
65.	RP158	Manjeet Bhatia, Piyush Dua and Anurag Srivastava	Structural and electronic properties of Cr doped GaN: A Density Functional Theory study	Advanced Materials Research Group, CNT Lab, ABV-Indian Institute of Information Technology and Management, Gwalior (M.P.) Department of Physics, UPES, Dehradun (U.K.)
66.	RP159	Mahesh Soni, B. SanthiBhushan, and Anurag Srivastava	RED SHIFT IN ABSORPTION SPECTRA OF BAS HEXAGONAL NANOWIRE: AB-INITIO STUDY	<i>Advance Material Research Group, CNT Lab, ABV-Indian Institute of Information Technology &amp; Management, Gwalior- 474015, M.P, India</i>
67.	SP100	Mohammad Monish Raza and Chandra Shekhar Malvi	AISH SLOPE TABLE: PERIODIC TABLE RE-CREATION INCORPORATING ELECTRON FILLING PATTERN IN ORBITALS	Madhav Institute of Technology and Science, Gwalior
68.	SP101	Archit Dhingra, Neha Tyagi	First Principles Study on the Electronic Properties And Structural Stability of Edge Functionalized Silicene Nanoribbons	Delhi Technological University, Department of Applied Physics, Delhi 110042, India
69.	SP102	Yogesh Jain, Jitendra Ku. Prajapati, Archit Kushwaha and CS Malvi	Railway Sleeper: Comparison of Composite Sleeper with Existing Sleeper	IPS College of Technology & Management Madhav Institute of Technology and Science
70.	SP103	Sudhir Kumar, Anand Baghel, Shivang Sambyal, Rahul jangir, Rahul shukla	Optimizing Design by Material Selection of Tandem Master Cylinder	Automobile, Engineering, RJIT, Gwalior, Madhya Pradesh, India,
71.	SP104	Ajit Singh, Gaurav Kapoor, Dr. N K Mishra	Scope of Nanotechnology in Automotive Industry	The Technological Insititute Of Textile & Sciences, Birla Colony, Bhiwani (127021), Haryana
72.	SP105	Prakash kumar, Anshul Syal, Dr. N K Mishra	Industrial Scope of Nanotechnology in Current Era	The technological institute of textile & science, Birla colony, Bhiwani (127021), Haryana
73.	SP106	Pulkit Mishra, Rishabh kaushik, Dr. N K Mishra	Scope of Nanomaterial in Indian Current Scenario	The Technological Institute of Textile&Sciences, Birla colony, Bhiwani (127021), Haryana
74.	SP107	Mangalam Gupta	Advances of Nanotechnology in Asphalt Mixtures- A Review	Department of Civil Engineering, THDC- Institute of Hydropower Engineering and technology, New Tehri, Uttarakhand, India
75.	SP108	Nitesh Singh Rajput, Dipesh Dilipbhai Shukla, Lav Ishan, Kanumalla Seshu Madhav	CNT and CuO Nanofluids for Heat Transfer Applications	Dept. of Mech. Engg., Amity University Rajasthan, Jaipur, India-303007
76.	SP109	Nitesh Singh Rajput Dipesh Dilip bhai Shukla, Lav Ishan, Kanumalla Seshu Madhav	Enhancement of Nusselt number by using Al <sub>2</sub> O <sub>3</sub> and TiO <sub>2</sub> Nanofluids in Heat exchangers	Dept. of Mech. Engg., Amity University Rajasthan, Jaipur, India-303007

### List of Accepted Papers-IWCCMP-2016

77.	SP110	<u>Narendra K. Garg,</u> <u>V. Maheshwari,</u> <u>Manisha Pattanaik</u>	Single and Two Pole Analysis Based Delay and Voltage Models for RLCG Interconnect Network	Deptt. of ECE, Amity School of Engineering & Technology, Amity University Madhya-Pradesh, M.P., INDIA-474005
78.	SP111	Neha Gour and Chhavi Mitharwal	Nanomaterials for radioactive water treatment	M.Tech (VLSI Design) M.Tech (VLSI Design) Banasthali University, Banasthali University, Jaipur, Rajasthan. Jaipur, Rajasthan
79.	SP112	Puspa raj Adhikari, Gopi Chandra Kaphle, Piyush Dua	Chirality dependent Structural and electronic properties of TiC Nanotubes	Department of Physics, Tribhuvan University, Patan Multiple Campus, Patan Dhoka, Lalitpur, Nepal Central Department of physics, Tribhuvan University, Patan Multiple Campus, Kathmandu, Nepal
80.	SP113	Om Prakash Upadhyay, Gopi Chandra Kaphle	Half-Metallic and Magnetic Properties for Cu <sub>2</sub> O Nanowire: Ab-initio Study	Department of Physics, Tribhuvan University, Patan Multiple Campus, Patan Dhoka, Lalitpur, Nepal
81.	SP114	Jyoti Pal and Shekhar Yadav	Toxic Gas Detection Using Carbon Nanotube	Department of Electronics, Banasthali Vidhyapith, Banasthali, Jaipur
82.	SP115	Gunjan Sharma and Shekhar Yadav	SUPERCAPACITOR: A Future Device	Department of Electronics, Banasthali Vidhyapith, Banasthali, Jaipur
83.	SP116	Arun Mohan B	Exploring Silicene and Germanene as channel material in TFET design for low power Applications	ABV-Indian Institute of Information and Management Gwalior
84.	SP117	Amit kumar sorde	Tunable band gap in germanene by surface adsorption	ABV-Indian Institute of Information and Management Gwalior
85.	SP118	Shanti Shekhar Mal	Study of Schottky Barrier Height in 2D material inserted MoS <sub>2</sub> metal Heterocontact	ABV-Indian Institute of Information and Management Gwalior