

International Workshop on Recent Advancements in Magnetism and Magnetic Materials 2024 (iReAd MAGMA24)

November 26 -30, 2024

Technical Sessions (Oral Presentation)

Presentation Schedule by Day

Day 1 (Tuesday, 26 Nov 2024)			
S.No	Time (IST) hh:mm	Paper ID	Day 1: Parallel Session 1 (15:00 – 16:20)
1.	15:00 - 15:10	16	<i>Erbium-Doped CuS Nanostructures: Effects on Structural, Optical and Magnetic Behaviour</i> Presenting Author: Babbilapati Sree Sesha Sudha Gayatri, VIT-AP University, India
2.	15:10 - 15:20	61	<i>Structural and Magnetic Properties of Europium Substituted Zinc Ferrite Nanoparticles Prepared Via Co-precipitation Method,</i> Presenting Author: B. Uday Kumar, Palamuru University, India
3.	15:20 - 15:30	52	<i>Nickel Ferrite: Advances in the Synthesis Methods and Their Impact on Structural and Magnetic Properties</i> Presenting Author: Jayashree Patra, VIT-AP University, India
4.	15:30 - 15:40	32	<i>Investigation of Structural, Morphology, Thermal, And Magnetic Properties of Ni_{0.90}Cu_{0.10}Te₂ Single Crystal</i> Presenting Author: Rajkumar Sokkalingam, Bharathidasan University, Tiruchirappalli, India
5.	15:40 - 15:50	49	<i>Structural and Magnetic Properties of La_{0.7}Ce_{0.3-x}CaxMnO₃ (x = 0.0 and 0.15)</i> Presenting Author: Mahavir Prasad Sharma, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.), India
6.	15:50 - 16:00	15	<i>Ferrimagnetic Behavior and Low-temperature Anomalies in Nickel Chromate spinel</i> Presenting Author: Arijit Datta, IIT Guwahati, India
7.	16:00 - 16:10	41	<i>Unravelling the Nature of Magnetism in Ni₅ ± xAl₃ ± x / NiO Core / Shell Nanoparticle System</i> Presenting Author: Pavan Venu Prakash Madduri, IIITD, Kurnool, AP
S.No	Time (IST) hh:mm	Paper ID	Day 1: Parallel Session 2 (15:00 – 16:20)
8.	15:00 - 15:10	51	<i>Structural, Optical, and Magnetic Properties of Mn-doped, Cu-doped, and (Mn, Cu)-codoped ZnS Nanoparticles and its Applications</i> Presenting Author: Pujarani Parida, VIT-AP University, India
9.	15:10 - 15:20	55	<i>Coercivity Enhancement in Al₃₊ Substituted Barium Hexaferrite Nanoparticles</i> Presenting Author: Shalini MG, Vellore Institute of Technology, Chennai campus
10.	15:20 - 15:30	24	<i>Erbium-Doped β-Ga₂O₃: Synthesis, Structural Characterization, and the Role of Doping in Magnetic and Optical Properties</i> Presenting Author: ANJU BABU, VIT-AP University, India
11.	15:30 - 15:40	56	<i>C-TAB and magnetic field assisted hydrothermal synthesis of cobalt ferrite for the mid-range 5G frequency band applications</i>

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			Presenting Author: Sitarama raju, CVR College of Engineering, Hyderabad, Telangana, India
12.	15:40 - 15:50	78	<i>Magnetic Study of Co₃O₄-Go and Co₃O₄ Nanoparticles Synthesized By Polymer Combustion Method</i> Presenting Author: Surekha S Jogdand, Pratibha College of Commerce and Computer studies, Chinchwad, Pune
13.	15:50 - 16:00	81	<i>Structural, Optical, and Magnetic Characterizations of Ni Doped ZnSe Nanoparticles</i> Presenting Author: KANNAPPAN P, Sacred Heart College, Tirupattur, India
14.	16:00 – 16:10	54	<i>Coercivity Enhancement On Sm-Fe-N Using Novel Low Melting Zn Based Eutectic Alloy</i> Presenting Author: Vijayaragavan Ganesan, IIT, Madras, Chennai
S.No	Time (IST) hh:mm	Paper ID	Day 1: Parallel Session 3 (15:00 – 16:20)
15.	15:00 - 15:10	91	<i>Optimization of Spin-coated Manganese Doped Cobalt Ferrite Coatings.</i> Presenting Author: Ketankumar R Gayakvad, K.J.Somaiya College of Science and Commerce (Autonomous), Mumbai, 400077
16.	15:10 - 15:20	33	<i>Structural and Magnetic Properties of Fe_{100-X}ti_x Alloys Prepared By Planetary Ball Milling Process</i> Presenting Author: Harekrushna Behera, Indian Institute of Technology Guwahati, Guwahati, India
17.	15:20 - 15:30	26	<i>Comprehensive Analysis of the Structural, Optical, and Magnetic Properties of Cr-Doped SnS₂ Nanoparticles Synthesized via Hydrothermal Method</i> Presenting Author: Anjali Bhattacharyya, VIT AP University, AP, India
18.	15:30 - 15:40	98	<i>Enhancement of Magnetic Properties In Cu-Doped Mn-Mg Nanoparticles Synthesized By Hydrothermal Method</i> Presenting Author: Pavan Kumar Malladi, National Institute of Technology Warangal, Telangana, India
19.	15:40 - 15:50	48	<i>Approaching Ferrite-Based Exchange-Coupled (Ba_{0.5}Sr_{0.5}Fe₁₂O₁₉)_{1-X}/(Ni_{0.3}Co_{0.7}Fe₂O₄)_X Synthesised Via One Pot Sol Gel Auto Combustion Method For Permanent Magnet Applications.</i> Presenting Author: ABARNA S T, Vellore Institute of Technology, 632014, Tamil Nadu, India.
20.	15:50 - 16:00	109	<i>Effect of Microwave Sintering on Phase Evolution and Magnetic behavior of Barium hexaferrite</i> Presenting Author: Y. Kalyanalakshmi, University College of Science, Osmania University, Hyderabad, Telangana, India
21.	16:00 - 16:10	79	<i>Powder X-Ray Diffraction Study & Rietveld Refinement On Prussian Blue, Iron(III) Hexacyanoferrate(II) (Fe₄[Fe(CN)₆]₃.14H₂O)</i> Presenting Author: ELANKUMARAN Kannan, Marudhar Kesari Jain College, Vaniyambadi

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Day 2 (Wednesday, 27 November 2024)			
S.No	Time (IST) hh:mm	Paper ID	Day 2: Parallel Session 1 (15:00 – 16:20)
22.	15:00 - 15:10	10	<i>Hierarchical Free Energy model in Investigating the Cluster Spin-Glass behavior in Frustrated Spinel Oxides</i> Presenting Author: Mouli Roy Chowdhury, IIT Guwahati, India
23.	15:10 - 15:20	20	<i>Investigation of Crystal Structure, Magnetism and Magnetocaloric Effect of Tb_{0.33}Ho_{0.33}Er_{0.33}Cu₂ Compound</i> Presenting Author: Dame La-ai Wankhar Sutnga, Indian Institute of Technology Madras, Chennai, India
24.	15:20 - 15:30	27	<i>Magnetocaloric Effect in Rare-earth Intermetallic Compound Er₃Al₂</i> Presenting Author: Jeebanjyoti Sahoo, Indian Institute of Technology Madras, Chennai, India
25.	15:30 - 15:40	100	<i>Magnetic Properties of Co₃₅Cr₅Fe₁₀Ni₃₀Ti₅Al_{7.5}Mn_{7.5} High Entropy Alloy</i> Presenting Author: Priyanka Kumari, Central University of South Bihar, India
26.	15:40 - 15:50	31	<i>Dynamic pressure effect on robust critical temperature (T_c) of MgB₂ superconductor</i> Presenting Author: Rajkumar Sokkalingam, Bharathidasan University, Tiruchirappalli, India
27.	15:50 - 16:00	60	<i>Large magnetocaloric effect in TbGd(MoO₄)₃ polycrystalline compound</i> Presenting Author: Athira P, NIT Andhra Pradesh
28.	16:00 - 16:10	62	<i>Magnetocaloric Properties of Ferrimagnetic Mn_{5-x}CoxSn₃ (X=0.1&0.2) Alloys Exhibiting Spin Glass Transition</i> Presenting Author: Mani Barathi A, National Institute of Technology Tiruchirappalli
S.No	Time (IST) hh:mm	Paper ID	Day 2: Parallel Session 2 (15:00 – 16:20)
29.	15:00 - 15:10	47	<i>Studies on the Structural, Morphological, Magnetic, and Magnetic Hyperthermia properties of Fe₃O₄ Nanocomposites with CNT, GO and rGO</i> Presenting Author: REKHA K, VELLORE INSTITUTE OF TECHNOLOGY
30.	15:10 - 15:20	50	<i>Insights of The Physical Properties of Multiferroic Bi₄Ti₃O₁₂ - BiFeO₃ Composite Thin Film Fabricated By Pulsed Laser Deposition Technique For Memristor Devices</i> Presenting Author: Priyanka Mitra, Birla Institute of Technology & Science-Pilani, Hyderabad Campus
31.	15:20 - 15:30	40	<i>Studies on Magneto Electric Behavior of (1-X) BaTiO₃ - xMgFe₂O₄ Magnetoelectric Composites</i> Presenting Author: Padmapriya Durairaj, National Institute of Technology, Tiruchirappalli, India
32.	15:30 - 15:40	68	<i>Magneto-structural studies of MgFe₂O₄ synthesized by Combustion method for Magnetic Fluid Hyperthermia (MFH)</i> Presenting Author: Dhanashri S. Kolte, Rajaram College, Kolhapur, India
33.	15:40 - 15:50	97	<i>Influence of Fe³⁺ and Co²⁺ Co-doping on the Electrical, Magnetodielectric, and Multiferroic Properties of Lead-Free Ba_{0.7}Sr_{0.3}TiO₃ Ceramics</i>

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			Presenting Author: ARBAZ REYAZ KHAN, Chandigarh University
34.	15:50 - 16:00	89	<i>Effects of Magnetic Field and Temperature on the DC and AC Electrical Properties of Piezo-magnetic $Ni_{0.5}Co_{0.5}Fe_2O_4$ Nanoparticles</i> Presenting Author: TANMOY MAJUMDER, Vellore Institute of Technology Chennai
35.	16:00 - 16:10	111	<i>Microwave-Assisted Synthesis and Magnetocaloric Properties of $Zn_{1-x}Gd_xFe_2O_4$ Nanoferrites</i> Presenting Author: JANJANAM BHARANI LAKSHMI, VIT-AP University, Andhra Pradesh
S.No	Time (IST) hh:mm	Paper ID	Day 2: Parallel Session 3 (15:00 – 16:20)
36.	15:00 - 15:10	92	<i>YFeO₃ Single Crystals: Metamagnetic Transitions and Spin-Glass Behaviour for Advanced Applications</i> Presenting Author: SRIMATHY B, Seethalakshmi Ramaswami College, Tiruchirappalli
37.	15:10 - 15:20	99	<i>Synthesis, characterizations and magnetic properties of different temperatures annealed $Co_{35}Fe_{10}Mn_5Ni_{30}Ti_{20}$ HEA</i> Presenting Author: Dr Rohit Ranjan Shahi, Central University of South Bihar, India
38.	15:20 - 15:30	29	<i>Study of the Structural, Surface Morphology, and Magnetic Properties of Europium-doped $SrFeO_3$ Nanomaterials</i> Presenting Author: Dipak Nath, St Joseph University
39.	15:30 - 15:40	104	<i>Structural stability and Magnetic properties in hexagonal $Lu_{1-x}Ho_xFeO_3$ ($x = 0 - 0.3$)</i> Presenting Author: SURESH PITTALA, Dayananda Sagar University
40.	15:40 - 15:50	35	<i>An optical shutter derived from hydrogen bond liquid crystal</i> Presenting Author: K. Siva Parvathi, Vignan University
41.	15:50 - 16:00	3	<i>Innovative Synthesis of Fe_3O_4 Nanoparticles-Loaded Activated Charcoal for Advanced Industrial Wastewater Treatment</i> Presenting Author: Komal Verma, IIT Guwahati

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Day 3 (Thursday, 28 November 2024)			
S.No	Time (IST) hh:mm	Paper ID	Day 3: Parallel Session 1 (15:00 – 16:20)
42.	15:00 - 15:10	7	<i>Calcium Induced ferromagnetic behavior in HoCoO₃ Perovskite</i> Presenting Author: Amarjit Das, IIT Guwahati
43.	15:10 - 15:20	11	<i>Dynamics of Reentrant Spin-Glass in Mixed Spinel Mn_{1-x}Ti_xCo_{2-y}FeyO₄</i> Presenting Author: ARPITA DEB SINGHA, Indian Institute of Technology Guwahati
44.	15:20 - 15:30	14	<i>Detecting Nature of Magnetic Phase Transitions In Ba Doped La_{0.67}Ca_{0.33}MnO₃ With Magnetocaloric Effect AS A Tool</i> Presenting Author: VISHNUBHARATHI J, Vellore Institute of Technology, Vellore
45.	15:30 - 15:40	44	<i>A Comparative Study on Arc-melted and Solid-State Synthesized Mn₂FeSi Heusler Alloy</i> Presenting Author: R Jayashire, University of Madras, Chennai
46.	15:40 - 15:50	5	<i>Emergence of Field-Induced Metamagnetic Transitions in (La)A and (Mn)B cosubstituted NdCoO₃ Perovskite</i> Presenting Author: Priyanka Tiwari, Indian Institute of Technology Guwahati
47.	15:50 - 16:00	77	<i>Optimized Design of Medium-Scale HTS Coil for Power Stability Enhancement Using Multi-Objective Exact Enumeration</i> Presenting Author: Garkki B, National Institute of Technology Puducherry
48.	16:00 - 16:10	112	<i>Magnetic and Magnetocaloric Properties of Bulk and Nanostructured MnP: A Dimensionality Study</i> Presenting Author: Kuraganti Ramesh Babu, VIT-AP University, Amaravati, Andhra Pradesh, India
S.No	Time (IST) hh:mm	Paper ID	Day 3: Parallel Session 2 (15:00 – 16:20)
49.	15:00 - 15:10	46	<i>Electronic Structure and Magnetic Properties of S = 1/2 Alternating Spin Chain system KCuGa(PO₄)₂</i> Presenting Author: Vaibhav K Singh, Indian institute of Technology Tirupati
50.	15:10 - 15:20	57	<i>HYbO₂: A Jeff = 1/2 Spatially Anisotropic Triangular Lattice</i> Presenting Author: Vikas Kumar Sahu, Indian institute of Technology Tirupati
51.	15:20 - 15:30	58	<i>Observation of Inhomogeneous Magnetic Behaviour and Griffith-Like Phase in La_{2-x}SrxNiMnO₆ (X = 0.1, 0.25, 0.4, 0.5)</i> Presenting Author: Debasmita Bala, NIT, Andhra Pradesh
52.	15:30 - 15:40	67	<i>Soliton Solution for Quantum Ferromagnetic Spin Chain with Impurities</i> Presenting Author: NEJA PRINSA N, Vellore Institute Of Technology, Chennai
53.	15:40 - 15:50	73	<i>Nucleation of Skyrmions in Hm (Pd, Rh, Or Nb)/Fe Bilayer</i> Presenting Author: Tamali Mukherjee, Birla Institute of Technology & Science, Pilani, Hyderabad Campus
54.	15:50 - 16:00	110	<i>Signature of spin glass effect in physical properties of GdNiAl₃</i> Presenting Author: Vimaljith A R, VIT-AP University, Amaravati, AP

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55.	15:00 - 15:10	59	<i>Dynamics of Magnetization Reversal and Enhanced Magnetic properties in FeTaC/SiO₂ Multilayer Thin Films</i> Presenting Author: Camelia Das, ICFAI University Tripura
56.	15:10 - 15:20	22	<i>Synthesis of Pulsed Laser Deposited (La_{0.375} Pr_{0.325} Ca_{0.3} MnO₃ Thin films</i> Presenting Author: Sahana C S, VIT, Vellore
57.	15:20 - 15:30	103	<i>Spin disorder state in a site-depleted coupled trillium lattice compound Pb_{1.5}Fe₂(PO₄)₃</i> Presenting Author: BOYA KRISHNAMRAJU, Government Polytechnic Satyavedu
58.	15:30 - 15:40	82	<i>Preparation and Characterization of PVDF/ CoFe₂O₄/g-C₃N₄ Nanocomposite Films for electromagnetic shielding applications</i> Presenting Author: Nirmal R Kumar, National Institute of Technology, Tiruchirappalli
59.	15:40 - 15:50	88	<i>Magnetic and Thermal Modulation of DC-AC Electrical Properties in Zn_{0.3}Ni_{0.7}Fe₂O₄ Nanoparticles</i> Presenting Author: TANMOY MAJUMDER, Vellore Institute of Technology Chennai
60.	15:50 - 16:00	108	<i>Single Step Synthesis and Structural Investigations of Nanocrystalline Magnetic Ferrites MFe₂O₄ (M=Ni, Co and Mn)</i> Presenting Author: T Shanmugavel, Mahendra Engineering College Mallasamudram Namakkal
61.	16:00 - 16:10	9	<i>Influence of Microwave Sintering on Erbium Iron Garnet: Structural, Magnetic, and Dielectric Studies</i> Presenting Author: Deepannita Chakraborty, PSG Institute of Technology and Applied Research, Coimbatore

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Day 4 (Friday, 29 November 2024)			
S.No	Time (IST) hh:mm	Paper ID	Day 4: Parallel Session 1 (15:00 – 16:20)
62.	15:00 - 15:10	34	<i>Tuning the Properties of MnAl Alloys for Rare Earth Free Magnet Applications</i> Presenting Author: Sourav Mandal, Indian Institute of Technology Guwahati
63.	15:10 - 15:20	18	<i>Study of impedance spectroscopic and magnetic properties of LiMn₂O₄ and LiMn_{1.98}(SmFe)_{0.02}O₄ ceramic materials for energy storage applications</i> Presenting Author: Thirmal Chnithakuntla, VNRVJIET, Hyderabad
64.	15:20 - 15:30	63	<i>Impact of Chemical Etching on Magneto-Impedance Response of As-Quenched Amorphous Microwires</i> Presenting Author: Somnath Das, CSIR- National Metallurgical Laboratory, Jamshedpur
65.	15:30 - 15:40	21	<i>Structural, Magnetic, and Dielectric properties of bulk CoFe₂O₄ synthesized by Microwave sintering and Solid-state reaction</i> Presenting Author: ARYA ROSE THOMAS, Vellore Institute of Technology, Vellore
66.	15:40 - 15:50	96	<i>A High magnetic Permeability Metamaterial Superstrate as a Gradient Index Lens for 2.4 GHz Patch Antenna Gain Enhancement</i> Presenting Author: Bharath reddy Gudibandi, VIT AP university
67.	15:50 - 16:00	28	<i>Preparation and Characterization of NiCo₂O₄/RGO/Fe₃O₄ Hybrid Electrode Materials for High-Performance Supercapacitor Applications</i> Presenting Author: Kavinkumar Thangavel, Karpagam Academy of Higher Education, Coimbatore
S.No	Time (IST) hh:mm	Paper ID	Day 4: Parallel Session 2 (15:00 – 16:20)
68.	15:00 - 15:10	2	<i>Sm Doped Cu-Ni Spinel Ferrite Nanoparticles for Hyperthermia Application</i> Presenting Author: Mritunjoy Prasad Ghosh, Institute of Advanced Study in Science and Technology Guwahati
69.	15:10 - 15:20	36	<i>Magnetic hyperthermia Studies of CoS/Fe₃O₄ and ZnS/ Fe₃O₄ Composites</i> Presenting Author: Savitha Pillai S, University of Kerala
70.	15:20 - 15:30	37	<i>Magnetic Fluid Hyperthermia Properties of Polyethylene Glycol-Coated Cobalt Ferrite Nanoparticles</i> Presenting Author: Fouzia Khan, Indira Gandhi Centre for Atomic Research, Kalpakkam
71.	15:30 - 15:40	38	<i>pH-Responsive Magnetic Hyperthermia in Chitosan-Coated MnFe₂O₄ Nanoparticles: Experimental and Finite Element Analyses</i> Presenting Author: Srujana Mahendravada, Homi Babha National Institute
72.	15:40 - 15:50	19	<i>Fe₃O₄ Mesocrystals: A Multifunctional Platform for Magnetic Hyperthermia and pH-Responsive Drug Delivery in Cancer Treatment</i> Presenting Author: Akash M, SRM IST
73.	15:50 - 16:00	69	<i>Structural, Magnetic, Electrical and Dielectric properties of Iron Oxide (Magnetite Phase) and Hyperthermia</i> Presenting Author: AMRUTHA K, VIT Vellore

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74.	16:00 - 16:10	23	<i>Characterization and Induction Heating Response of Co-Cu Nanoparticles</i> Presenting Author: Ramakrishna Rao Akurati, Vignan's Foundation for Science Technology and Research, Guntur, Andhra Pradesh
S.No	Time (IST) hh:mm	Paper ID	Day 4: Parallel Session 3 (15:00 – 16:20)
75.	15:00 - 15:10	94	<i>Color Center Induced Defects Impacting Magnetic, Optical, and Catalytic Activity of Zinc Ferrites</i> Presenting Author: Priyadharsini N, Dr.N.G.P Institute of Technology
76.	15:10 - 15:20	102	<i>Investigating the Magnetic Properties of Magnetite Containing Stones Found at Palakkad Gap, India for Advanced Industrial Applications</i> Presenting Author: Nithyananda S, VIT-AP University, Amaravati, India
77.	15:20 - 15:30	80	<i>Selenium-Doped Manganese Ferrite Nanoparticles: Structural Analysis And Applications In Environmental Remediation</i> Presenting Author: Aparna Unnikrishnan, PSGR Krishnammal College For Women
78.	15:30 - 15:40	25	<i>Synthesis of Biomass-Derived Carbon Support Embedded With Magnetite For Waste Water Treatment</i> Presenting Author: Aswathy C T, PSGR Krishnammal College for Women
79.	15:40 - 15:50	83	<i>Photocatalytic Activity of Green Synthesised Canted Ferromagnetic Hematite Iron Oxide Nanoparticles for Methyl Orange Removal in Wastewater Remediation</i> Presenting Author: Rahul Das, The University of Burdwan

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Day 5 (Saturday, 30 November 2024)			
S.No	Time (IST) hh:mm	Paper ID	Day 5: Parallel Session 1 (11:50 – 13:00)
80.	11:50 - 12:00	17	<i>Comprehensive Analysis of CoFeMnZ (Z=Sb, In) Quaternary Heusler Alloys: Structural, Thermoelectric and Magnetic Properties Using Experimental and Ab-Initio Method</i> Presenting Author: Shabeer Ali Pc, CSIR NIIST
81.	12:00 - 12:10	43	<i>Effects of Superconductivity and Non-Linear Electron-Phonon Interaction on Impurity Bound States In BCS Superconductor</i> Presenting Author: Narasimha Raju Chebrolu, Central University of Karnataka
82.	12:10 - 12:20	53	<i>Quantum Correlations in Nickel-Radical Molecular Complex (Et₃NH)[Ni(hfac)₂L]</i> Presenting Author: Muthuganesan R, SRM Institute of Science and Technology, Kattankulathur, Tamil Nadu
83.	12:20 - 12:30	70	<i>Tuning The Piezoelectric Polaron Properties Of Asymmetric Gaussian GaAs, CuCl And RbCl Quantum Wells: A Study Of Weak, Intermediate And Strong Coupling Strength Effects</i> Presenting Author: Swapna Vemula, National Institute of Technology Warangal
84.	12:30 - 12:40	72	<i>Magnetocaloric Effect of 2D and 3D Ising Model for Honeycomb, Square, and Hexagonal Lattices: A Monte-Carlo Study</i> Presenting Author: Basit Iqbal, VIT-AP University Amravati
S.No	Time (IST) hh:mm	Paper ID	Day 5: Parallel Session 2 (11:50 – 13:00)
85.	11:50 - 12:00	93	<i>Theory of Spin Transport for Two Terminal Rashba-Zeeman Tunnel Junction</i> Presenting Author: Kingshuk Sarkar, VIT-AP University, India
86.	12:00 - 12:10	71	<i>The Impact Of The External Magnetic Field On D₂⁺ Ion Ground State Properties In A Gaussian GaAs Quantum Dot</i> Presenting Author: Siddartha Gone, National Institute of Technology Warangal
87.	12:10 - 12:20	74	<i>Theory of Thermoelectric Transport in Magnetic Graphene</i> Presenting Author: PURNENDU RAY, VIT-AP University, India
88.	12:20 - 12:30	76	<i>Structural, Electronic, and Magnetic Properties of Co₂HfZ (Z = Al, Sn) Heusler Alloys for Spintronic Applications</i> Presenting Author: Karumuri Venkanna, National Institute of Technology, Andhra Pradesh-534101 and SGA Govt. Degree College, AP
89.	12:30 - 12:40	84	<i>Characterization and Deconvolution of Soft and Hard Magnetic Phases in Pulsed Electrodeposited Cobalt-Nickel Films.</i> Presenting Author: Anand Raj M, Rajalakshmi Engineering College, Chennai