



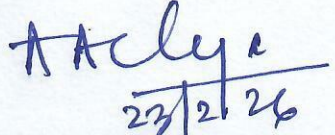
ଓଡ଼ିଶା ବୈଷୟିକ ଓ ଗବେଷଣା ବିଶ୍ୱବିଦ୍ୟାଳୟ
ODISHA UNIVERSITY OF TECHNOLOGY AND RESEARCH
TECHNO CAMPUS, GHATIKIA, BHUBANESWAR - 751 029

Ref. No.: 280 /ACD/OUTR

Dated: 23.02.2026

NOTICE

The **FINAL** list of abstracts selected for oral and poster presentations for ShodhDhara-2026 is now available. Please prepare your presentations according to the guidelines previously issued vide Notice No.1032 dated 22.01.2026. The detailed presentation schedule is attached herewith for information.


23/2/26
PIC, SodhaDhara-2026

ShodhDhara-2026: Schedule for Oral Presentation

Sl. No.	Name	School/ Dept.	Title	Abstract ID No.	Date	Session No.	Time	Venue of Oral presentation
1	Satabdi Mishra	BT	Experimental and Computational Evaluation of Hypoxia and Hemolysis Contributions to Erythrocyte ATP Release	OP-1:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
2	Sima Rout	SBHS	Zeros of Random Polynomials with Weighted Binomial and Geometric Coefficients	OP-14:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
3	Pralipta Rout	SBHS	Expected Number of Level Crossings of a Random Orthogonal Polynomial	OP-15:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
4	BENUDHAR PARIDA	SBHS	Effect of Surface Modification on Sugarcane Bagasse Fibre reinforced Biocomposites	OP-16:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
5	Smita Mohanty	SBHS	Between Human and Machine: Literary Interrogations of Technological Power and Agency	OP-17:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
6	Satyabrata Swain	SBHS	Crystal structure refinement, Optical and Dielectric investigations of ErFeO ₃ substituted CoFe ₂ O ₄ for Potential Industrial Applications	OP-18:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
7	Ankitapuja Pradhan	SBHS	Application of Simplex Method on Agriculture	OP-19:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
8	Gorachand Biswal	SBHS	Improved Dielectric and Magnetic behaviour of rare earth doped spinel ferrite for Microwave Application	OP-20:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
9	Subhadarshini Mohanty	SoCS	A Novel Metaheuristic Approach to VM Consolidation: Hedgehog Hibernation Optimization for Cloud Computing	OP-42:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
10	Kumar Janardan Patra	SoCS	Enhanced Multi-Cancer Diagnosis using a Fine-Tuned Transformer-VGG19 Approach	OP-43:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
11	Subasish Mohapatra	SoCS	Cloud-AI Digital Twin Framework for Decision-Intelligent Resilience of Marine Infrastructure	OP-44:	28-02-2026	5	3.15pm-5.15pm	Conference Hall

12	Swarnalata Pati	SoCS	A Blockchain-Enabled Supply Chain Management Framework with Consensus-Aware Performance Analysis	OP-45:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
13	DIPAK KUMAR SAHOO	SoCS	Adaptive Segmentation of Fetal Head Structures in Ultrasound Images Through Multi-Model Deep Learning Approach	OP-46:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
14	Bichitra Mandal	SoCS	A Novel Hybrid AI Framework for Real-Time Cognitive Load Modeling and Mental Health Assessment Using EEG	OP-47:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
15	Rakesh Ranjan Behera	SoCS	SHA256-Based Route Integrity Verification in Digital Microfluidic Biochips	OP-48:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
16	Swati Lipsa	SoCS	Multi-Agent Deep Reinforcement Learning for Pareto-Optimal Task Offloading in Edge-Cloud Computing	OP-49:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
17	Manjit Kumar Nayak	SoCS	A Hybrid Deep Learning and Blockchain Framework for Real-Time IoT DDoS Resilience	OP-50:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
18	Rabinarayan Mohanty	SoCS	CPS-AgriFedSecure: Scalable and Secure Federated Learning for Agricultural Cyber-Physical Systems Using Blockchain and HPC	OP-51:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
19	Santanu Sen	SoES	Optimal Operation of Transmission System Integrated with FACTS Devices and Renewable Energy Sources	OP-63:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
20	Kamalesh Chandra Rout	SoES	Performance Enhancement of Radial Distribution Networks through Optimal DG Placement under Static and Seasonal Loading	OP-64:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
21	Lalbahadur Majhi	SoES	Design and Optimization of AVR and VI -Integrated Microgrid with PID and TID Controllers for Frequency Regulation and Voltage Stability Using Particle Swarm Optimization	OP-65:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
22	Pratik Kar	SoES	Reduced Component Transformer Based Multilevel Inverter	OP-66:	27-02-2026	2	4.15pm-6.15pm	Conference Hall

23	Devi Prasad Nanda	SoES	A Hybrid CNN-BiGRU Attention Model for Robust Fault Detection in AC Microgrids	OP-67:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
24	Minakhi Behera	SoES	Performance Analysis of a High Gain Bidirectional DC-DC Converter Fed Drive for an Electric Vehicle	OP-68:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
25	Rachita R Sarangi	SoES	Multi-Objective Meta-Heuristic Optimization of R-L-C Fault Current Limiter for Enhanced Protection in DC Microgrids	OP-69:	28-02-2026	5	3.15pm-5.15pm	Conference Hall
26	Jogeswara Sabat	SoES	Improving Utility Systems' Power Quality with Adaptive Algorithm-Based DSTATCOM	OP-70:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
27	Rabinarayan Rout	SoES	Enhancement of Transient Stability of Hybrid Electric Power System Using AI technique	OP-71:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
28	Jasmine Hansda	SoES	Load Frequency Control of Microgrid integrating Electric Vehicles with state of Charge control using Marine Predator Algorithm	OP-72:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
29	Bandan Kumar panigrahi	SoES	Design and development of network based smart electric vehicle charging schedule and management	OP-73:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
30	Haripriya Sahoo	SoES	Comprehensive Power Quality Assessment and Compensation in the IEEE 9-Bus System Using FACTS-Based Control	OP-74:	27-02-2026	2	4.15pm-6.15pm	Conference Hall
31	Sagupha Parween	SoEIS	A VLC based LoS Underwater Communication System	OP-78:	28-02-2026	3	11.0am-1.30pm	Conference Hall
32	Raman Sahu	SoEIS	ODEHA-Net: Optimized Deep Ensemble Framework with Hybrid Attention for Emotion Detection	OP-79:	28-02-2026	3	11.0am-1.30pm	Conference Hall
33	Prasanta Panda	SoEIS	Learning-Based Ultra-Low-Power Optimization for VLSI Architectures	OP-80:	28-02-2026	3	11.0am-1.30pm	Conference Hall
34	Abhyarthana Bisoyi	SoEIS	Implementation of High-Speed and Low Power Modified Vedic Multiplier Using Hybrid Adders	OP-81:	28-02-2026	3	11.0am-1.30pm	Conference Hall
35	Satyabhama Dash	SoEIS	Analysis of Cement ageing effects using fractional order modelling	OP-82:	28-02-2026	3	11.0am-1.30pm	Conference Hall

36	Bidishasaimantini Nayak	SoEIS	Fractional-Order Capacitive Modelling of Fruit Bio-Impedance for Dispersive Behaviour Analysis	OP-83:	28-02-2026	3	11.0am-1.30pm	Conference Hall
37	Aayushi Samantsinghar	SoEIS	Secure Edge-AI on PLC-Integrated Embedded Controllers for Predictive Maintenance in Smart Manufacturing	OP-84:	28-02-2026	3	11.0am-1.30pm	Conference Hall
38	Debi Prasad Dash	SoEIS	Fault Tolerant Control design using metaheuristic methods for non-linear time delay process	OP-85:	28-02-2026	3	11.0am-1.30pm	Conference Hall
39	Aishwarya Dash	SoEIS	Implementation of Linear equalization and Decision feedback equalization for signal detection in OWC system under OOK, DPSK, PPM modulation Schemes	OP-86:	28-02-2026	3	11.0am-1.30pm	Conference Hall
40	Jyotiprakash Behera	SoEIS	Hybrid Homotopy-Stochastic Optimization for Phase-Constrained Beam Broadening in Uniform Planar Arrays	OP-87:	28-02-2026	3	11.0am-1.30pm	Conference Hall
41	Jaydev Rout	SoEIS	Underwater Image Enhancement Using Adaptive Multi-Scale Contour Bougie Morphology with Semantic Red Recovery	OP-88:	28-02-2026	3	11.0am-1.30pm	Conference Hall
42	Sruti Ranjan Sahoo	SoEIS	A Secure, Edge-Intelligence Framework for Predictive Maintenance in Industry 4.0: Integrating XAI and Uncertainty Quantification	OP-89:	28-02-2026	3	11.0am-1.30pm	Conference Hall
43	Sudhansu Sekhar Naik	SoEIS	Non-2^N Depth Asynchronous FIFO Design: A Power and Area Efficient Approach	OP-90:	28-02-2026	3	11.0am-1.30pm	Conference Hall
44	Naresh Chandra Naik	SoEIS	Polarization Diverse Dual band Metasurface inspired Wearable antenna for Reliable 2.45/5.8 GHz Body-centric Communications	OP-91:	28-02-2026	3	11.0am-1.30pm	Conference Hall
45	Karmila Soren	SoEIS	Comparative Analysis of Enzyme Inhibition Effects on Amperometric Biosensor Performance in Biomedical Applications	OP-92:	28-02-2026	3	11.0am-1.30pm	Conference Hall
46	Rashmita Routray	SoEIS	An Intelligent Path Selection and Resource Allocation in Multi hop D2D Communication	OP-93:	28-02-2026	3	11.0am-1.30pm	Conference Hall

47	ROSALIN DALAI	SoIP	Groundwater vulnerability assessment using DRASTIC model and GIS: A case study of Sundargarh District, Odisha, India	OP-110:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
48	Siddharth Mohanty	SoIP	Achieving Low Cost Net-Zero Residential & Office Buildings in Various Climatic Conditions of India	OP-111:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
49	Bhabani Shankar Sa	SoIP	Demographic Shift in Odisha: Trends, Challenges and Insights from Urban Odisha	OP-112:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
50	Aishwarya Gayatri	SoIP	EXPERIMENTAL INVESTIGATION ON STABILISATION OF EXPANSIVE SOIL	OP-113:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
51	Sunanda Sahoo	SoIP	ENERGY PERFORMANCE ANALYSIS OF BIM-BASED BUILDING MODEL USING REVIT, AUTOCAD AND eQUEST	OP-114:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
52	Simran Senapati	SoIP	Substituting sugarcane bagasse, silica fume, and glass fibre for partially replaced cement: a strength study	OP-115:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
53	Sipra Mohapatra	SoIP	Investigating the Subarnarekha River Basin's Surface Runoff Using the ARC-SWAT Method	OP-117:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
54	Sambit Parida	SoIP	Experimental And Numerical Investigation Of Flow Characteristics Over A Weir In Open Channel	OP-118:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
55	Chinmayee Biswakalyani	SoIP	PREDICTION OF GROUNDWATER LEVEL USING ANFIS, ANFIS-PSO & ANFIS-FFA APPROACH: A CASE STUDY	OP-119:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
56	Swapna Sarita Swain	SoIP	Land Suitability Assessment for Urban Spatial Growth using Integrated MCDM and GIS Techniques: A Study of Bhubaneswar, India	OP-120:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
57	Abhijeet Satapathy	SoIP	Investigation of Flow Behaviour in an Open Channel with Submerged Porous Rigid Bed and Mixed Vegetation	OP-121:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall

58	Ramesh C. Mishra	SoMS	Effect of the size of mixing tube on air ingress and outlet temperature by an Infrared Suppression (IRS) Device	OP-131:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
59	GOPAL KRUSHNA DAS	SoMS	Development and Demonstration of an effective bulletproofing glass using numerical simulation and experimental validation	OP-132:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
60	Jashaswi Supriya Satpathy	SoMS	Hybrid Optimization of Laser Drilling for Al 6063: Integrating Taguchi Design with Machine Learning for Predictive Parameter Control	OP-133:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
61	Jitendra Naik	SoMS	Cost-Effective Autonomous Underwater Vehicle for Marine Structural Health Monitoring	OP-135:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
62	Satya soumya Parija	SoMS	EXPERIMENTAL ANALYSIS OF POWER CONSUMPTION AND TIME TAKEN FOR PLA AND ABS MATERIAL IN 3D-PRINTING	OP-136:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
63	Suraj Kumar Samal	SoMS	Comparative Life Cycle Assessment of Ethanol Production from Rice Grain and Rice Straw	OP-137:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
64	Abhijit Mohanty	SoMS	Free and Forced Vibration Characteristics of Multi-Fabric Bi-Directional Functionally Graded Composite Sandwich Plates	OP-138:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
65	PRAMOD KUMAR SAHOO	SoMS	Fabrication and Mechanical Evaluation of ABS Polymer Composites Filled with PETG	OP-139:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
66	Amulya Kumar Mohanty	TE	AHINSA - THE PEACE SILK FOR LORD JAGANNATH	OP-144:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
67	Rudrapratap Sahoo	TE	Evaluation of surface treatments on mechanical properties of plain woven jute fabric based biocomposite	OP-145:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall
68	HIMADRI TANAYA MAHANTA	TE	Surface Modification of Coir for Enhancement of Properties Related to Geotextile Applications	OP-146:	28-02-2026	3	11.0am-1.30pm	Academic Council Hall

69	MAHADEV PATI	SoMS	Development and analysis of composite brick for energy efficiency, earthquake resistance, and waterproofing	OP-154:	28-02-2026	5	3.15pm-5.15pm	Academic Council Hall
70	BIBHU PRASAD MISHRA	SoIP	Spatial Graph Convolutional Network for Hydrologically Connected Flood Susceptibility Modeling	OP-160:	27-02-2026	2	4.15pm-6.15pm	Academic Council Hall
71	Ranjan Kumar Samal	SoEIS	Workload-Aware Low-Power Network-on-Chip Architecture for Multi-Core Systems	OP-162:	28-02-2026	3	11.0am-1.30pm	Conference Hall

ShodhDhara-2026: Schedule for Poster Presentation

Venue: Open Area behind D-Block

Sl. No.	Name	School/ Dept.	Title	Abstract_ID No.	Date	Session No.	Time
1	Anyesha Roy Choudhury	BT	Fabrication and Characterization of Bio-Nanocomposite Films Using Food Processing Waste	PP-2:	27-02-2026	1	2.30pm-4.00pm
2	Divyagni Divyajyoti	BT	Valorization of Indian Major Carp Viscera for Fish Protein Hydrolysate Production: A Sustainable Approach to Aquatic By-Product Utilization	PP-3:	27-02-2026	1	2.30pm-4.00pm
3	P Satabdi Patra	BT	Polymorphism: A greener way to tune the physicochemical properties of material	PP-4:	27-02-2026	1	2.30pm-4.00pm
4	Pradyota Ayisharika	BT	Production of Sustainable Bioplastic from Coconut Husk: A Green Approach to Convert Agricultural Waste into Eco-Friendly Materials	PP-5:	27-02-2026	1	2.30pm-4.00pm
5	Ankita kumari Rath	BT	Computational Analysis of the Kinetics and Regulation of Hexokinase in Human Red Blood Cells	PP-6:	27-02-2026	1	2.30pm-4.00pm
6	Ashutosh Mohapatra	BT	Computational Fluid Dynamic Modeling of Flow-mediated ATP Transport in Coronary Vascular Networks	PP-7:	27-02-2026	1	2.30pm-4.00pm
7	Monalisa Das	BT	Exploring the Significance of Biomarker Genes of Coronary Artery Disease using Integrative Bioinformatics Analysis	PP-8:	27-02-2026	1	2.30pm-4.00pm
8	Preetinanda Sahoo	BT	Understanding the Molecular Mechanism of Hb-Transition and Allostery: Insights from Salt Bridge Analysis	PP-9:	27-02-2026	1	2.30pm-4.00pm
9	Bhabesh Kumar Panda	BT	Process Validation and Characterization of Biopolymer Chitosan from Aquatic By-products	PP-10:	27-02-2026	1	2.30pm-4.00pm
10	Soumya Sephalika	BT	Screening and Biochemical Characterization of Indigenous Monocrotophos-Degrading Bacteria Across Variable Concentration Levels	PP-11:	27-02-2026	1	2.30pm-4.00pm

11	Harapriya Sethy	BT	Phytochemical Profiling and Biogenic Synthesis of Copper Oxide Nanoparticles from Lantana camara Leaves	PP-12:	27-02-2026	1	2.30pm-4.00pm
12	Sanjita Rani Mondal	BT	Identification of Novel Antidiabetic Leads from Sonneratia species: An Integrated in Silico ADMET and Molecular Docking Study	PP-13:	27-02-2026	1	2.30pm-4.00pm
13	Arnab Moulik	SBSH	Harnessing the potential of Chitosan Schiff base nanocomposite hydrogel towards effective catalytic degradation of organic pollutants	PP-21:	28-02-2026	4	2.15pm - 3.15pm
14	Smruti Krushna Choudhury	SBSH	Facile Synthesis and Characterization of Iron Oxide Quantum Dots	PP-22:	28-02-2026	4	2.15pm - 3.15pm
15	Smruti Samruddhi Bhukta	SBSH	Biopolymer-based edible coating enriched with orange peel essential oil: Application in chicken meat preservation	PP-23:	28-02-2026	4	2.15pm - 3.15pm
16	Swatishree Jena	SBSH	Computational Insights into the Kinetics and Mechanism of MnIII(salpd)(OH ₂) ₂ +complex Reduction by Oxalic Acid: Role of the Methylene Spacer	PP-24:	28-02-2026	4	2.15pm - 3.15pm
17	Kumar Sritam	SBSH	Fabrication of Nanocomposite (CuS-gC ₃ N ₄) For Photocatalytic Energy Application	PP-25:	28-02-2026	4	2.15pm - 3.15pm
18	Sambit Kumar Ghadai	SBSH	Structure, Morphology and Optical Properties of Gadolinium doped Cobalt Ferrite (CoFe ₂ O ₄)	PP-26:	28-02-2026	4	2.15pm - 3.15pm
19	Arpeet Ranjan Samantaray, Srikut Mishra	SBSH	Experimental and Numerical Investigation of Water Rocket Propulsion : An Aerodynamic Analysis	PP-27:	28-02-2026	4	2.15pm - 3.15pm
20	Srusti Samikshya Dash	SBSH	Role of Na ⁺ Co-doping on the Structural and Optical Properties of Ce ⁴⁺ /Dy ³⁺ Activated CaZrO ₃	PP-28:	28-02-2026	4	2.15pm - 3.15pm
21	Bishal Santak Bhoi	SBSH	Structure-property correlation in Dy ³⁺ /Sm ³⁺ co-doped barium zirconate perovskite systems	PP-29:	28-02-2026	4	2.15pm - 3.15pm
22	Arpita jit	SBSH	Tailoring the Properties of Barium zirconate ceramic through Rare-earth Doping: Structural and optical studies	PP-30:	28-02-2026	4	2.15pm - 3.15pm
23	Sonali Mohaptra	SBSH	LANTHANUM-BASED DOUBLE PEROVSKITE AS AN EFFICIENT ADSORBENT FOR ENVIRONMENTAL REMEDIATION	PP-31:	28-02-2026	4	2.15pm - 3.15pm

24	Anupam patra	SBSH	Tuning Structural, Optical Band Gap and Dielectric Behavior in Dy ³⁺ Doped NiFe ₂ O ₄ -Ba _{0.5} Ca _{0.5} TiO ₃ Multiferroic Composites	PP-32:	28-02-2026	4	2.15pm - 3.15pm
25	Debashreemayee Das	SBSH	Re- Examining Mother-Daughter Relationship: A New Perspective on Feminism in Avni Doshi's Burnt Sugar	PP-33:	28-02-2026	4	2.15pm - 3.15pm
26	Aurosmitta Swain	SBSH	Design and Molecular Docking Study of Pyrrolo-[2,3-d]pyrimidine Derivatives as Inhibitors for 1M17 Protein in Cancer Treatment	PP-34:	28-02-2026	4	2.15pm - 3.15pm
27	Ashirbad Dash	SBSH	Understanding the Effect of Steroidal Surfactants on the Structure and Properties of Lysozyme	PP-35:	28-02-2026	4	2.15pm - 3.15pm
28	Baishakhi Biswal	SBSH	Effect of Orthoferrite Substitution on the Structural, Optical, and Dielectric Properties of Spinel Ferrites	PP-36:	28-02-2026	4	2.15pm - 3.15pm
29	Sruti Sayana Sarangi	SBSH	Lithium Doped Zinc Oxide nanorods: a promising strategy for environmental remediation	PP-37:	28-02-2026	4	2.15pm - 3.15pm
30	Latasha Khatai	SBSH	Development of Novel 2D- α -Bi ₂ O ₃ Nano-adsorbent for Removal of Organic Pollutant from Polluted Water	PP-38:	28-02-2026	4	2.15pm - 3.15pm
31	Soumya Bikash Mohanty	SBSH	Topological insulator: A New Phase of Matter	PP-39:	28-02-2026	4	2.15pm - 3.15pm
32	SNEHASIS BISWAL	SBSH	Biogenic synthesized CaCO ₃ nanoparticles: Assessing dye degradation potential, phytotoxicity and antibacterial textile application	PP-40:	28-02-2026	4	2.15pm - 3.15pm
33	Ranjita Patra	SBSH	Literary Ecologies and Lived Experience: A Reading of The Fanged Waters	PP-41:	28-02-2026	4	2.15pm - 3.15pm
34	Subhashis Mishra	SoCS	Deep Transfer Learning for Image-Based Structural Damage Recognition in Structural Health Monitoring	PP-52:	27-02-2026	1	2.30pm - 4.00pm
35	Dishashree Swain	SoCS	A Multi-Layered Offline OCR Engine Powered With NLP Framework for Patient-Centric Lab Report Interpretation	PP-53:	27-02-2026	1	2.30pm - 4.00pm

36	Soumya Ranjan Mahanta	SoCS	Weakly Supervised Detection of Security Relevant Warnings in Medical Device Manuals Using Quantum Inspired Structural Features and Gradient Boosting	PP-54:	27-02-2026	1	2.30pm - 4.00pm
37	Ashutosh Mohapatra	SoCS	Cloud-Integrated Digital Twin Framework for Intelligent Monitoring and Maintenance of Civil Infrastructure	PP-55:	27-02-2026	1	2.30pm - 4.00pm
38	Subhashree Das	SoCS	Human-Guided Reinforcement Learning for Cloud Orchestration	PP-56:	27-02-2026	1	2.30pm - 4.00pm
39	Alka Dash	SoCS	Countermeasures against Hardware Trojans in Healthcare Devices based on Machine Learning Mathematical Models and IoT	PP-57:	27-02-2026	1	2.30pm - 4.00pm
40	Satyajit Mahapatra	SoCS	MedFusion: A Unified Multimodal Framework for Visual Question Answering and Explainable Medical Recommendation	PP-58:	27-02-2026	1	2.30pm - 4.00pm
41	Suchismita Mohanty	SoCS	Intelligent Respiratory Disease Classification using ML and DL: Asthma vs COPD for Early Detection	PP-59:	27-02-2026	1	2.30pm - 4.00pm
42	Adyasha Mishra	SoCS	Mitigating Dataset Bias in EMG Controlled Prosthetic Systems Through Fairness-Aware Machine Learning	PP-60:	27-02-2026	1	2.30pm - 4.00pm
43	Laxminarayan Dash	SoCS	A Cyber-Physical System Framework for Classifying and Detecting Attacks in Critical Infrastructures	PP-61:	27-02-2026	1	2.30pm - 4.00pm
44	Jashasmita Pal	SoCS	Deep Learning Based Camouflaged Object Detection from Multi Spectral Images	PP-62:	27-02-2026	1	2.30pm - 4.00pm
45	Anil Mishra	SoES	An Optimization Framework for Power Loss Minimization in a Distribution System Considering Electric Vehicle Charging Station Integration	PP-75:	28-02-2026	4	2.15pm - 3.15pm
46	Nachiketa Mohanty	SoES	POWER RESERVE CONTROL BASED MPPT OF SOLAR PV SYSTEMS IN DC MICROGRID	PP-76:	28-02-2026	4	2.15pm - 3.15pm
47	Samikshya Mishra	SoES	Advanced Nanomaterial Design Strategies for High-Performance Supercapacitors based on Fractional Order Modeling	PP-77:	28-02-2026	4	2.15pm - 3.15pm
48	Piyush Pani	SoEIS	Nature Inspired Hybrid Optimization Algorithm for Resource Block Allocation in D2D Communication	PP-94:	27-02-2026	1	2.30pm - 4.00pm

49	Hemanta Kumar Dash	SoEIS	A Real-time Crop Recommendation System using Soil Sensor, Environment Parameter and AI/ML	PP-95:	27-02-2026	1	2.30pm - 4.00pm
50	S Shubham Achary	SoEIS	Adaptive Reinforcement Learning Optimized FOPID Control for Self-Balancing Robot	PP-96:	27-02-2026	1	2.30pm - 4.00pm
51	Shakti Prasad Dash	SoEIS	Design and Performance Analysis of a Digital Logic Implementation	PP-97:	27-02-2026	1	2.30pm - 4.00pm
52	Sumit Swain	SoEIS	CNT and ZnO Nanomaterials-Based Fractional Capacitive Sensors for Real-Time Water Impurity Identification	PP-98:	27-02-2026	1	2.30pm - 4.00pm
53	Arya Suman Pattnaik	SoEIS	CuO Nanomaterials-based Ultra-Low Order ($\alpha \approx 0.01$) Fractional-Capacitor for Stability Improvement in Nuclear Reactors	PP-99:	27-02-2026	1	2.30pm - 4.00pm
54	Subrat Moharana	SoEIS	SAR analysis of antenna with AMC for 5.8 GHz ISM band for WBAN applications	PP-100:	27-02-2026	1	2.30pm - 4.00pm
55	Sambit Kumar Sahoo	SoEIS	Design and TCAD Simulation of Gate-All-Around TFET	PP-101:	27-02-2026	1	2.30pm - 4.00pm
56	Disha Mansingh	SoEIS	Design of Approximate Multipliers for Error Tolerant Applications	PP-102:	27-02-2026	1	2.30pm - 4.00pm
57	Jasmin Mohapatra	SoEIS	AI-Based Accuracy Enhancement Framework for Low-Cost Sensor Systems Using Adaptive Sensor Fusion and Edge Modeling	PP-103:	27-02-2026	1	2.30pm - 4.00pm
58	Sangita Lenka	SoEIS	Design and analysis of L-shaped slot CPW-fed Microstrip antenna for Multi-band applications	PP-104:	27-02-2026	1	2.30pm - 4.00pm
59	Kalinga Jagannath	SoEIS	Algorithmic Evaluation of Soil Nutrient and Moisture Data for Precision Agriculture Using Machine Learning Techniques	PP-105:	27-02-2026	1	2.30pm - 4.00pm
60	Subrat Kumar Prusty	SoEIS	Strategy for Total Development of Local Areas (TODOLA) with 5G+Standard Operating System for Indian Languages (SOIL)	PP-106:	27-02-2026	1	2.30pm - 4.00pm
61	Sweta Mahapatra	SoEIS	AMC based Wearable antenna for 2.45 GHz ISM band for WBAN application	PP-107:	27-02-2026	1	2.30pm - 4.00pm
62	Ashutosh Kumar Swain	SoEIS	Design of 8-Bit Modified Dadda Multiplier Using Approximate Computing	PP-108:	27-02-2026	1	2.30pm - 4.00pm

63	Ankit Khatua	SoEIS	Reversible Data Hiding in Encrypted Images using RRBE and MED-based Prediction with Lightweight Auxiliary Data Control	PP-109:	27-02-2026	1	2.30pm - 4.00pm
64	Suman Swastika Mohapatra	SoIP	Evaluation of Tensile and Moisture Characteristics of Sabai Grass Fiber for Sustainable Wall Panel Applications	PP-113:	28-02-2026	4	2.15pm - 3.15pm
65	Abhishek Samal	SoIP	Utilization of Fly Ash and Alccofine in Sustainable Concrete for Enhanced Strength and Durability	PP-122:	28-02-2026	4	2.15pm - 3.15pm
66	Saurav Raut	SoIP	A Sociological Study on Work Culture and Livelihood Pattern of Gig Workers of Gig Economic Sectors in Bhubaneswar City, Odisha	PP-123:	28-02-2026	4	2.15pm - 3.15pm
67	Rohan Dhal	SoIP	Children's Active Mobility to School: Evidence from Neighbourhoods of Bhubaneswar	PP-124:	28-02-2026	4	2.15pm - 3.15pm
68	Madhab Chandra Rout	SoIP	Compressive strength of Sustainable Mortar Using Industrial By-Products and Natural Fibre	PP-125:	28-02-2026	4	2.15pm - 3.15pm
69	Jyotirmayee Dash	SoIP	Waste-to-Resource Approach: Valorization of Water Treatment Plant Sludge and Fly Ash for Eco-Friendly Brick Production	PP-126:	28-02-2026	4	2.15pm - 3.15pm
70	Monalisha Nayak	SoIP	Comparative Analysis of Corrugation Orientation on the Seismic Performance of Corrugated Steel Plate Shear Walls (CoSPSWs)	PP-127:	28-02-2026	4	2.15pm - 3.15pm
71	Soumya Ranjan Sahoo	SoIP	Parametric Investigation of Chord Spacing in Cold-Formed Steel Battened Columns under Axial Loading	PP-128:	28-02-2026	4	2.15pm - 3.15pm
72	Soumya Kar	SoIP	An efficient urban water management practice based on optimum LPCD estimated using the MLR-GA optimization approach	PP-129:	28-02-2026	4	2.15pm - 3.15pm
73	Ayus Kumar Samal	SoMS	AI-Driven Framework for Emission Estimation in Urban Scrap Recycling	PP-140:	27-02-2026	1	2.30pm - 4.00pm
74	Anil Patnaik	SoMS	An investigation of the socio-economic and environmental aspects of solar thermal energy-based multigeneration systems for coastal regions	PP-141:	27-02-2026	1	2.30pm - 4.00pm

75	Satvik Kumar	SoMS	Optimized Link Design for Space Parallel Robot with Bricard Mechanism	PP-142:	27-02-2026	1	2.30pm - 4.00pm
76	RAMA CHANDRA ACHARYA	SoMS	Design and Development of Effective Four Bar Polycentric Knee Joint for Fully Furnished Above Knee Prosthesis	PP-143:	27-02-2026	1	2.30pm - 4.00pm
77	Snehasis Biswal	TE	Biogenic synthesized CaCO ₃ nanoparticles: Assessing dye degradation potential, phytotoxicity and antibacterial textile application	PP-147:	28-02-2026	4	2.15pm - 3.15pm
78	DEBESH KUMAR DAS	TE	Energy-Ecology efficient low-salt reactive dyeing of cotton using gahnite nano-particles synthesized from fly ash	PP-148:	28-02-2026	4	2.15pm - 3.15pm
79	Umakanta Pradhan	SBSH	Design and Spectroscopic Evaluation of Disulfide-Based Chemosensors for Heavy Metal Monitoring	PP-149:	28-02-2026	4	2.15pm - 3.15pm
80	Aishwarya Samal	SoES	Advanced DT-TI Controller for Load Frequency Regulation in Renewable Integrated Egyptian Grids	PP-150:	28-02-2026	4	2.15pm - 3.15pm
81	Pallavi Ray	SoES	Novel Fault Detection & Classification Index for Active Distribution Network Using Differential Components	PP-151:	28-02-2026	4	2.15pm - 3.15pm
82	Pravat Mohanty	SoES	Manta Ray Foraging Optimization Based Virtual Inertia Controller for Frequency Stabilization of Islanded Micro-Grid	PP-152:	28-02-2026	4	2.15pm - 3.15pm
83	Runu Das	SoMS	Thermal Modeling Analysis of Passive Solar Photovoltaic Thermal System	PP-153:	27-02-2026	1	2.30pm - 4.00pm
84	Sushree Pratikshya Behera	BT	Effect of Blood Sample Storage on Red Blood Cell Morphology and Membrane Stability	PP-134:	27-02-2026	1	2.30pm-4.00pm
85	Pralipta Mallick	BT	Effect of Temperature and Hematocrit on Nonlinear Blood Rheology: A Constitutive Model-based Analysis	PP-155:	27-02-2026	1	2.30pm-4.00pm
86	Sanjay Kumar Behera	SoIP	Estimation Of Soil Erosion And Sediment Yield On Ong Catchment, Odisha, India	PP-156:	28-02-2026	4	2.15pm - 3.15pm
87	Akankshya Bharati	BT	Agrochemical Biodegradation of Paddy Soil by Indigenous Microbial Consortia	PP-157:	27-02-2026	1	2.30pm-4.00pm

88	Bhikari Charana Bhatta	SBSH	Solvent extraction of zirconium(IV) from a nitric acid medium in kerosene utilizing several extractants: TOA, Cyanex 923, and binary mixtures	PP-158:	28-02-2026	4	2.15pm - 3.15pm
89	Swoyam Sampanna Sahu	SoIP	Enhancing Interfacial Bonding in Bio-Fiber Roofing Sheets: A Physicochemical Investigation of Alkali-Treated Sabai Grass for GGBS-Filled Composites	PP-159:	28-02-2026	4	2.15pm - 3.15pm
90	Soumya Ranjan Sahoo	SoIP	Parametric Investigation of Chord Spacing in Cold-Formed Steel Battened Columns under Axial Loading	PP-116:	28-02-2026	4	2.15pm - 3.15pm
91	Radhakrishna Das	SoES	Decomposition based CNN-RVFLN for Load Prediction and Congestion Management in Power System	PP-161:	28-02-2026	4	2.15pm - 3.15pm
92	Dattatray G. Gaikwad	SBSH	A synthetic method for the synthesis of Tafamidis analogues and their new variants	PP-163:	28-02-2026	4	2.15pm - 3.15pm
93	Ranjita Champati	SoCS	Detecting Cyber Threats in Internet of Medical Things (IoMT) Networks using Random Forest Classification	PP-164:	27-02-2026	1	2.30pm - 4.00pm
94	Supriya Priyadarshini Prusty	SoIP	A Post Pandemic Future Ready City for Urban Planning Strategies and Challenges of Making Bhubaneswar a 15 minute City	PP-165:	27-02-2026	4	2:15-3:15 PM