ICRASST 2026

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1	6	Two-Stage Ensemble Intrusion Detection with Selective SMOTE for Rare Attacks	**Anup Abraham*** (St Thomas institute for Science and Technology) **R Mathusoothana S.Kumar** (Noorul Islam Centre for Higher Education,kumarakovil)
2	9	Sunlight-Assisted Green Synthesis of Silver Nanoparticles Using Gliricidia sepium Leaf Extract for Selective Colourimetric Sensing of Mercury(II) Ions	**Neethu Cyril*** (Assumption College Autonomous)
3	11	Structural dependency studies of the photon-plasmon modes in metal dielectric metal heterostructures	**Kondankunnath Resmi*** (MES Kalladi College)
4	17	The d_r-base of a Graph: An Eccentricity-Based Approach to Centrality	**Dary John*** (St. Paul's College, Kalamassery) **Pramada Ramachandran** (St.Pauls College, Kalamassery)
5	18	Carbon Dot Reinforced PVA/Nanocellulose Films: UV Shielding, Photoluminescence and Mechanical Properties	**Simi J*** (Newman College Thodupuzha)
6	20	Synthesis of silver carbon nanocomposite for photocatalytic applications	**Ramya M** (Government Victoria College, Palakkad) **Rajita Ramanarayanan*** (Government Victoria College, Palakkad) **Sreelakshmi Rajeev** (Government Victoria College, Palakkad)
7	23	Organisational Development for Effective and Sustainable Tamil Nadu Policing: A Critical Review of Leadership, Workforce Well-Being, Work–Life Balance and Police Performance	**Vignesh T*** (TAMILNADU POLICE DEPARTMENT/ RESEARCH SCHOLAR(PT), TNOU) **Dr. Subramanian S** (TNOU)
8	24	Synthesis Nickel Oxide Nanoparticles by Surfactant-Assisted Doctor-Blade Method	**Aparna P*** (Mercy college)
9	30	Room-Temperature Gas Sensing Using MoS_2-Based Nanocomposites: Material Design and Performance Evaluation	**Nibu Thomas*** (Baselius College Kottayam)
10	41	ChatGPT and Generative AI in English Language Learning: Ten Reviews from ERIC Compared	**Rahamat SK*** (darul huda islamic university)
11	46	Between Information and Opportunity: Educational Guidance Networks and the Educational Marginalisation of Rural Muslim Youth in Murshidabad, West Bengal	**Emran Haque*** (DARUL HUDA ISLAMIC UNIVERSITY) **sirajul islam** (DARUL HUDA ISLAMIC UNIVERSITY)
12	54	Job Satisfaction Among Physical Education Teachers in Kerala, India: Human Resource Management Implications for School Sport Systems	**Viyani Charly*** (St George's College Aruvithura) **Gijo George** (Pavanathma College Murikasherry) **Jimmy Joseph** (Assumption College Chaganacherry)
13	58	Analysis of Structural and Optical Characteristics of RF-Sputtered Silver/Silica (Ag/SiO_2) Nanocomposite Thin Films	**Anlin Lazar*** (Mercy College)
14	59	A Controlled Study of Sentence-Length Penalties in CPU-Based Scientific TLDR Summarization	**Sruthi R*** (College of Engineering Kidangoor) **Rajeev P R** (Mahatma Gandhi University, Kottayam)

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16	61	Iron-Doped Zinc–Cerium Oxide Nanocolorants for Energy-Efficient Coatings and Urban Heat Island Mitigation	**Giable George*** (St. George's College, Aruvithura)
17	62	Phytochemically mediated surface stabilization of Zinc Oxide Nanoparticles Using Strobilanthes alternata: Optical and Spectroscopic Characterisation	**Ganga Rejukumar** (National Institute of Technology, Calicut, 673601, Kozhikode, Kerala, India) **Nayana Joseph*** (Assumption College Changanassery) **Revathy R** (Assumption College (Autonomous), Changanassery, Kottayam, 686101, Kerala, India) **Anu James** (Assumption College (Autonomous), Changanassery, Kottayam, 686101, Kerala, India) **Seena Sebastian** (Assumption College (Autonomous), Changanassery, Kottayam, 686101, Kerala, India)
18	71	Circular Economy with Carbon Nanomaterials: From Waste Valorization to Sustainable Environmental Remediation	**Nihita Linson*** (St. George's College Aruvithura Kottayam Kerala India) **Manjumol Mathew** (St. George's College Aruvithura Kottayam Kerala India) **Giable George** (St. George's College Aruvithura Kottayam Kerala India)
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20	75	Ranking with Reasons: SHAP-Driven Sector Recommendation for Indian Equity Markets	**Bhanumati Mohan*** (APJ Abdul Kalam Technological University)
21	78	Effect of Glycerol Content on the Structure of Corn Starch Bioplastic Films: FTIR and XRD Analysis	**Manjumol Mathew*** (St. George's College, Aruvithura) **Giable George** (St. George's College, Aruvithura) **Nihita Linson** (St. George's College, Aruvithura)
22	80	Perceived Impact of Indigenous Knowledge Systems on Sustainable Development among the Population of Eastern Kottayam.	**Jeevan Mathew*** (St Joseph's College of Hotel Management and catering technology) **Sandheep Kumar P S** (M G University)
23	81	Microwave-Based Antennas and Dielectric Resonator Sensors for Non-Invasive Blood Glucose Sensing: A Review	**Rosamma Sebastian** (Research and Postgraduate Department of Physics, St. George's College, Aruvithura; Department of Electronics and Communication Engineering, Amal Jyothi College of Engineering, Kanjirappally) **Sumesh George** (Research and Postgraduate Department of Physics, St. George's College, Aruvithura) **Aleena Anna Chacko** (Department of Electronics and Communication Engineering, Amal Jyothi College of Engineering, Kanjirappally) **Anju Anto** (Department of Electronics and Communication Engineering, Amal Jyothi College of Engineering, Kanjirappally) **Anson Robin** (Department of Electronics and Communication Engineering, Amal Jyothi College of Engineering, Kanjirappally)
24	82	Fintech-Led Financial Inclusion among Gig Workers in Kerala: A Conceptual Framework for Financial Well-Being and Economic Resilience	**Binil Joseph** (Research Scholar, Research and PG Department of Commerce, St. Dominic's College, Kanjirapally) **Anoop Tom Thomas** (Assistant Professor, Research and PG Department of Commerce, St. Dominic's College, Kanjirapally)