

**LIST OF PUBLICATIONS BY FACULTY MEMBERS IN SCOPUS / WoS INDEXED JOURNALS - 2024 (JAN-AUG)**

Sl. No.	Authors	Title	Year	Source title	Volume	Issue	Page start	Page end	DOI	Publisher	ISSN	Document Type	Dept
1	Amini S.; Ahmed R.F.S.M.; <b>Ankanathappa Sangamesha .M.</b> ; Shetty S.J.; Thayyath Kizhakkeveetil N.; Sangam Chandrasekhar G.; Sannathamgowda K. (SCO/WoS)	Robust PVA-MWCNTs-based triboelectric energy harvesting device: Self-powered smart-door technology	2024	Surfaces and Interfaces	51				10.1016/j.surfin.2024.104775	Elsevier B.V.	24680230	Article	CHEM
2	C M.; L S.T.; Al-Kahtani A.A.; Al-Odayni A.-B.; G N.; <b>Ranganatha L., V (SCO)</b>	Facile green synthesis of lanthanum oxide nanoparticles: their photocatalytic and electrochemical applications	2024	Journal of Materials Science: Materials in Electronics	35	18			10.1007/s10854-024-13024-2	Springer	9574522	Article	CHEM
3	Pramila S.; <b>Ranganatha V.L.</b> ; Nagaraju G.; Mallikarjunaswamy C. (SCO/WoS)	Hydrothermal synthesis of $\text{P}^3\text{-Bi}_2\text{MoO}_6$ nanostructures: efficient material for photocatalytic dye degradation and impedance studies	2024	Ionics	30	5	2901	2913	10.1007/s11581-024-05483-8	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM
4	Puttaswamy M.P.; <b>Kundachira Subramani Nithin .</b> ; Shivanna S.; Gumatapura Siddamallappa N.; Beejaganahalli Sangameshwara M.; <b>R. Gopalakrishne Urs (SCO)</b>	Inorganic metal oxide-reinforced polymer-based flexible inorganic nanocomposite for UV shielding applications	2024	Journal of Applied Polymer Science	141	33			10.1002/app.55837	John Wiley and Sons Inc	218995	Article	PHY
5	Yashaswini V.L.; Rumana Farheen S.M.; Mahadevaswamy B.P.; Madhukar B.S.; <b>Sangamesha M.A.</b> ; Krishnaveni S. (SCO)	Synergistic effects of rGO functionalization in nanocomposite-based triboelectric nanogenerators for enhanced energy harvesting	2024	Sensors and Actuators A: Physical	370				10.1016/j.sna.2024.115200	Elsevier B.V.	9244247	Article	CHEM
6	Thejaswini M.; <b>Lakshmi Ranganatha V.</b> ; Vasanth Patil H.B.; Pramila S.; Nagaraju G.; Mallikarjunaswamy C. (SCO)	Phyto-mediated facile synthesis of ZnO nanoparticles: enhanced photocatalysis, biological, and electrochemical properties	2024	Ionics					10.1007/s11581-024-05710-2	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM
7	Pramila S.; Mallikarjunaswamy C.; <b>Lakshmi Ranganatha, V</b> ; Nagaraju G.; Kavana C.P.; Chandan S.; Spoorthy H.P. (SCO)	Green synthesis of bismuth vanadate nanostructures for efficient photocatalytic and biological studies	2024	Nano-Structures and Nano-Objects	39				10.1016/j.nanos.2024.101198	Elsevier B.V.	2352507X	Article	CHEM
8	Yashyanaik S.; Venkatesh T.; Ereshnaik; <b>Vinuth M.</b> (SCO/WoS)	Red-emitting 4-methyl coumarin fused barbituric acid as an electrochemical sensor for catechol detection and probe for latent fingerprints	2024	Luminescence	39	7			10.1002/bio.4825	John Wiley and Sons Ltd	15227235	Article	CHEM
9	Pramila S.; Mallikarjunaswamy C.; Lakshmi Ranganatha V.; Nagaraju G.; Kavana C.P.; Chandan S. (SCO)	Exploring Potential Applications of $\text{I}^{\text{I}}$ and $\text{P}^{\text{I}}$ Polymorphs of $\text{Bi}_2\text{O}_3$ Nanoparticles	2024	ChemistrySelect	9	21			10.1002/slct.202400103	John Wiley and Sons Inc	23656549	Article	CHEM
10	Rani N.S.; Sai K.S.; Pushpa B.R.; Krishna A.S.; <b>Sangamesha M.A.</b> ; Bhavya K.R.; Devadas R.M.; Hiremani V. (SCO)	TopoGeoFusion: Integrating object topology based feature computation methods into geometrical feature analysis to enhance classification performance	2024	MethodsX	13				10.1016/j.mex.2024.102859	Elsevier B.V.	22150161	Article	CHEM
11	Shivaganga G.S.; <b>Ranganatha V.L.</b> ; Soundarya T.L.; Mallikarjunaswamy C.; Nagaraju G.; Parameswara P. (SCO)	Green synthesis of m-LaVO <sub>4</sub> nanoparticles using Costus igneus leaves extracts and its photocatalytic and electrochemical applications	2024	Ionics	30	6	3443	3454	10.1007/s11581-024-05503-7	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM

12	Amini S.; Muktar Ahmed R.F.S.; <b>Madanahalli Ankanathappa Sangamesha A .;</b> Chandrashekara Shastry M.H.; Manjunatha Shivanna; Sannathammegowda K. (SCO/WoS)	Investigating the annealing effects on the performance of polyvinyl alcohol-graphite-based triboelectric nanogenerator	2024	Sensors and Actuators A: Physical	372					10.1016/j.sna.2024.115309	Elsevier B.V.	9244247	Article	CHEM
13	Deviprasad M.J.; Hemanth B.S.; Shivaswamy M.B.; Nagendra Prasad H.S.; Sumathi S.; Aswathy R.; <b>Sangamesha M.A.</b> ; Ananda A.P.; Jayanth H.S.; Lohith T.N. (SCO)	Multifunctional Citralâ€Tryptamine Conjugated Silver Nanoparticles (CT@AgNPs): Antibacterial, Cytotoxicity, and Sensor Application	2024	BioNanoScience						10.1007/s12668-024-01583-x	Springer	21911630	Article	CHEM
14	Thejaswini M.; <b>Ranganatha V.L.</b> ; Mallikarjunaswamy C.; Pramila S.; Nagaraju G. (SCO/WoS)	Biogenic synthesis of LiNiVO4 nanoparticles for the evaluation of photocatalytic and electrochemical applications	2024	Ionics						10.1007/s11581-024-05729-5	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM
15	Amini S.; Muktar Ahmed R.F.S.; <b>Ankanathappa Sangamesh.M.</b> ; Sannathammegowda K. (SCO/WoS)	Polyvinyl alcohol-based economical triboelectric nanogenerator for self-powered energy harvesting applications	2024	Nanotechnology	35	3				10.1088/1361-6528/ad0503	Institute of Physics	9574484	Article	CHEM
16	Sunil Kumar K.C, Chandra,S, <b>Lakshmi RanganathaV (SCO)</b>	An effective approach to improve photocatalytic dye degradation and electrochemical properties of MoO3 nanoparticles	2024	Ionics	30	6	3679	3690		10.1007/s11581-024-05514-4	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM
17	Hemanth B.S.; Deviprasad M.J.; Shivaswamy M.B.; Nagendra prasad H.S.; Sumathi S.; Aswathy R.; <b>Sangamesha M.A.</b> ; Ananda A.P.; Jayanth H.S.; Lohith T.N. (SCO)	Synthesis of citral-tryptamine fused selenium nanospheres (CT@SeNP's) and exploration of their anticancer, antibacterial, and electrochemical sensor applications	2024	Journal of Molecular Structure	1310					10.1016/j.molstruc.2024.138240	Elsevier B.V.	222860	Article	CHEM
18	Ahmed R.F.S.M.; Amini S.; Ankanathappa S.M.; Sannathammegowda K. (SCO/WoS)	Electricity out of electronic trash: Triboelectric nanogenerators from discarded smartphone displays for biomechanical energy harvesting	2024	Waste Management	178		1	11		10.1016/j.wasman.2024.02.009	Elsevier Ltd	0956053X	Article	CHEM
19	Shivaganga G.S.; <b>Ranganatha V.L.</b> ; Soundarya T.L.; Nagaraju G.; Parameswara P.; Ali D.; Mallikarjunaswamy C. (SCO)	Green synthesis of zinc vanadate nanoparticles: a promising material for photocatalysis and electrochemical sensor	2024	Ionics						10.1007/s11581-024-05696-x	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM
20	Sagade Muktar Ahmed R.F.; Sagade Mokhtar Ahamed M.T.; <b>Madanahalli Sangamesha M;</b> Sannathammegowda K. (SCO/WoS)	Flower Extractâ€Polyvinyl Alcohol-Based Biocomposites for Sustainable Food Packaging Applications	2024	Physica Status Solidi (A) Applications and Materials Science	221	12				10.1002/pssa.202300985	John Wiley and Sons Inc	18626300	Article	CHEM
21	Mahadevaswamy B.P.; Rumana Farheen S.M.; Yashaswini V.L.; Madhukar B.S.; Kavya R.; <b>Sangamesha M.A.</b> ; Krishnaveni S. (SCO)	Green luminescent Cs4PbBr6@PVDF polymer nanocomposite-based hybrid nanogenerator for self-powered photosensor	2024	Materials Today Chemistry	39					10.1016/j.mtchem.2024.102179	Elsevier Ltd	24685194	Article	CHEM
22	Pramila S.; Mallikarjunaswamy C.; <b>Ranganatha L.</b> ; Nagaraju G. (SCO/WoS)	BiVO4 nanoballs: a simple precipitation pathway, promising electrochemical sensor, and photodegradation under visible light	2024	Ionics	30	5	2819	2838		10.1007/s11581-024-05460-1	Springer Science and Business Media Deutschland GmbH	9477047	Article	CHEM

23	Keerthi Prasad M.A.; Shobha Rani N.; <b>Sangamesha M.A.</b> ; Vinay K.V. (SCO)	Identification and Detection of Leaf Miner, Pests Infestation in Cucurbitaceae Family in Real Time Infield Scenarios using YOLOv5s Object Detection Model	2024	Proceedings of the 18th INDIACom; 2024 11th International Conference on Computing for Sustainable Global Development, INDIACom 2024			1742	1748	10.23919/INDIACom61295.2024.10498728	Institute of Electrical and Electronics Engineers Inc.		Conference paper	CHEM
24	Sunil Kumar K.C.; Chandra S.; <b>Lakshmi Ranganatha V.</b> ; Shivaganga G.S.; Mallikarjunaswamy C. (SCO)	Facile green synthesis of Zn-Bi2O3 nanoparticles: Its photocatalytic and electrochemical sensing of lead and ascorbic acid	2024	Nano-Structures and Nano-Objects	38				10.1016/j.nanoso.2024.101159	Elsevier B.V.	2352507X	Article	CHEM
25	Kumar M.; Nagarajaiah H.; Praveen M.; Reddy S.; <b>Mirle Vinuth.</b> ; Aveesh S.T.; Praveen Kumar C.M.; Sreeharsha N. (SCO)	Food additives and their determination by surfactant-based electrodes	2024	Surfactant Based Electrochemical Sensors and Biosensors			387	414	10.1016/B978-0-443-15493-5.00021-X	Elsevier		Book chapter	CHEM
26	Jafar K.M.; <b>Sachin V.</b> (SCO)	Performance Evaluation of Fire Exposed RC Structure Using Pushover Analysis	2024	Lecture Notes in Civil Engineering	457		455	468	10.1007/978-981-99-9610-0_36	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
27	Sunagar M.S.; <b>Naveen B.O.</b> ; Gagana P. (SCO)	Analysis and Design of Steel Skywalk Bridge	2024	Lecture Notes in Civil Engineering	455		105	114	10.1007/978-981-99-9502-8_10	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
28	Thaggahalli Nagaraju S.K.; <b>Pathak A.A.</b> (SCO/WoS)	Retrieving Surface and Rootzone Soil Moisture Using Microwave Remote Sensing	2024	Journal of the Indian Society of Remote Sensing	52	7	1415	1430	10.1007/s12524-024-01881-7	Springer	0255660X	Article	CIVIL
29	Hulagabali A.M.; Solanki C.H.; Harish M.; Shama K.; Namratha K.L.; Bharath Kumar K. (SCO)	Effect of Polypropylene Planar Reinforcement on the Unconsolidated Undrained Behavior of Black Cotton Soil	2024	Lecture Notes in Civil Engineering	478 LNCE		117	130	10.1007/978-981-97-1745-3_11	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
30	Gireesh A.B.; <b>Chandan M.C.</b> (SCO)	Estimation of Groundwater Potential Zones in Southern Dry Agro-Climatic Area Using Geoinformatics and AHP Technique	2024	Lecture Notes in Civil Engineering	450		185	200	10.1007/978-981-99-8568-5_14	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
31	<b>Hulagabali A.M.</b> ; Anitha; Dodagoudar G.R.; Solanki C.H. (SCO)	Seismic Soil-Structure Interaction Studies on High-Rise RC Framed Structure Resting on Pile Groups	2024	Lecture Notes in Civil Engineering	476 LNCE		13	27	10.1007/978-981-97-1737-8_2	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
32	Roopa N.; Ramesh H.; <b>Dhanush B.M.</b> ; Meghana C.S.(SCO)	Assessment of Soil Loss in Wet Tropical Region: A Case Study in Kumaradhara Basin, Western Ghats, India	2024	Advances in Science, Technology and Innovation			849	852	10.1007/978-3-031-51904-8_184	Springer Nature	25228714	Conference paper	CIVIL
33	Rohin Ashviji V.A.; Girish H.; Balaji N.C. (SCO)	An Experimental Study on the Structural Performance of Full Scale RC Beams Strengthened for Shear Using NSM GFRP Strips	2024	Lecture Notes in Civil Engineering	455		489	498	10.1007/978-981-99-9502-8_42	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
34	<b>Suhas S.</b> ; <b>Bhavani V.</b> ; <b>Vishwanath B.M.</b> ; <b>Krishna R.</b> ; <b>Chandan M.C.</b> (SCO)	Urban Dynamics and Impact Assessment of Bengaluru-Mysuru Expressway Corridor	2024	Lecture Notes in Civil Engineering	450		519	533	10.1007/978-981-99-8568-5_38	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
35	Anil U.; <b>Prasanna H.S.</b> ; Chandan K.S.; Gowda R.B. (SCO)	Influence of Recron 3S Fibres on Consolidation Behaviour of Expansive Black Soils	2024	Civil Engineering and Architecture	12	2	943	962	10.13189/cea.2024.120220	Horizon Research Publishing	23321091	Article	CIVIL
36	Prakash K.; Sridharan A.; <b>Prasanna H.S.</b> (SCO)	Compression Curves and Compression Indices of Compacted Montmorillonitic and Kaolinitic Soils	2024	Geotechnical and Geological Engineering	42	1	755	765	10.1007/s10706-023-02552-z	Springer Science and Business Media Deutschland GmbH	9603182	Article	CIVIL

37	Hulagabali A.; <b>Manjunath Y.M.</b> ; Akki S.; Nayak A. (SCO)	Effect of Bracings on the Performance of High-Rise Structure Considering the Influence of Earthquake	2024	Lecture Notes in Civil Engineering	485 LNCE		321	336	10.1007/978-981-97-3994-3_23	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
38	<b>Prasanna H.S.</b> ; <b>Pratheeth N.</b> ; Mohith B.R.; Royan D.; Thanushree V.Y. (SCO)	Determination of Characteristic Water Contents of Fibre-Reinforced Expansive Soils A Fundamental Approach	2024	Lecture Notes in Civil Engineering	476 LNCE		41	52	10.1007/978-981-97-1737-8_4	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
39	Kumar T.N.S.; <b>Pathak A.A.</b> (SCO)	Evaluation of Surface Soil Moisture Using Remote Sensing and Field Studies	2024	Lecture Notes in Civil Engineering	450		215	229	10.1007/978-981-99-8568-5_16	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
40	Maniranganath H.G.; <b>Gourav K.</b> (SCO)	Studies on Flexural and Shear Bond Strength of Masonry Using Cementitious Grouting Materials as Mortar	2024	Lecture Notes in Civil Engineering	455		479	487	10.1007/978-981-99-9502-8_41	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
41	Kavyashree K.; Gourav K. (SCO)	Study on Compression Strength of Masonry Prism Using Cementitious Grouting Material as Mortar	2024	Lecture Notes in Civil Engineering	455		469	477	10.1007/978-981-99-9502-8_40	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
42	<b>Roopa N.</b> ; Namratha N.; Ramesh H.; Manjunath K.C. (SCO)	Evaluation and Prediction of Land Use and Land Cover Changes in the Kumaradhara Basin, Western Ghats, India	2024	Lecture Notes in Civil Engineering	450		201	214	10.1007/978-981-99-8568-5_15	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
43	<b>Hulagabali A.M.</b> ; Solanki C.H.; Thrupthi C.; Sushma N.; Suokhrie R.; Sudarshan S. (SCO)	Pull-Out and Rupture Behavior of Geogrid Reinforcements in MSE Wall Subjected to Seismic Conditions	2024	Lecture Notes in Civil Engineering	364		231	249	10.1007/978-981-99-3557-4_19	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
44	Nayak A.; <b>Hulagabali A.M.</b> ; Dodagoudar G.R.; Solanki C.H. (SCO)	Seismic Response Analysis of High-Rise Building Considering the Effect of Soil-Structure Interaction	2024	Lecture Notes in Civil Engineering	485 LNCE		279	295	10.1007/978-981-97-3994-3_20	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
45	Swaroop T.M.; <b>Bajali N.C.</b> ; Naveen B.O.; Arun Kumar N. (SCO)	Assessment of Periphery Free-Standing Masonry Wall for Structural Safety and Integrity	2024	Lecture Notes in Civil Engineering	455		95	103	10.1007/978-981-99-9502-8_9	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
46	Nayak A.; Hulagabali A.M.; Solanki C.H.; Dodagoudar G.R. (SCO)	Response Spectrum Analysis of High-Rise Reinforced Concrete Framed Structure Resting on Raft and Pile Foundation System	2024	Lecture Notes in Civil Engineering	485 LNCE		297	308	10.1007/978-981-97-3994-3_21	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
47	Padmini M.S.; <b>Kuzhalvaimozhi S.</b> ; Bhuvan K.; Ramitha R.; Tanisha M.M. (SCO)	An Enhanced Process Scheduler Using Multi-Access Edge Computing in An IoT Network	2024	International Journal of Computer Network and Information Security	16	4	130	143	10.5815/ijcnis.2024.04.09	Modern Education and Computer Science Press	20749090	Article	CSE
48	Vedavathi N.; <b>Suhas Bharadwaj R.</b> (SCO)	HCBiL-DMN: an effective food infestation detection from stored food grains using deep learning model	2024	Multimedia Tools and Applications					10.1007/s11042-024-19450-y	Springer	13807501	Article	CSE
49	M S P.; <b>Kuzhalvaimozhi S.</b> (SCO/WoS)	Energy and delay aware routing model for smart crop monitoring application using internet of things	2024	Computers and Electrical Engineering	116				10.1016/j.compeleceng.2024.109207	Elsevier Ltd	457906	Article	CSE
50	Dhananjaya S.; <b>Narender M.</b> ; Sunitha R. (SCO)	End to End Model to Reduce the Inference, Jamming, and to Increase the Trust from the Compromised Secondary Nodes in Cognitive Radio Networks	2024	Proceedings of the 2nd International Conference on Intelligent and Innovative Technologies in Computing, Electrical and Electronics, ICIITCEE 2024					10.1109/IITCEE59897.2024.10467580	Institute of Electrical and Electronics Engineers Inc.		Conference paper	CSE

51	Chelvaraju G.S.; Jayasri Basavapatna Shivasubramanya(SCO)	Insight of recent artificial intelligence-based strategy to effectively screen COVID-19	2024	IAES International Journal of Artificial Intelligence	13	3	2482	2489	10.11591/ijai.v13.i3.pp2482-2489	Institute of Advanced Engineering and Science	20894872	Article	CSE
52	Sharmila B.S.; Nandini B.M.; Kavitha S.S.; Srivatsa A. (SCO/WoS)	Performance Evaluation of Parametric and Non-Parametric Machine Learning Models using Statistical Analysis for RT-IoT2022 Dataset	2024	Journal of Scientific and Industrial Research	83	8	864	872	10.56042/jsir.v83i8.7437	National Institute of Science Communication and Policy Research	224456	Article	ECE
53	Puneeth S.; Lal S.; Pratap Singh M.; Raghavendra B.S. (SCO/WoS)	RMDNet-Deep Learning Paradigms for Effective Malware Detection and Classification	2024	IEEE Access	12		82622	82635	10.1109/ACCESS.2024.3403458	Institute of Electrical and Electronics Engineers Inc.	21693536	Article	ECE
54	Kavitha S.S.; Kaulgud N. (SCO)	Quantum machine learning for support vector machine classification	2024	Evolutionary Intelligence	17	2	819	828	10.1007/s12065-022-00756-5	Springer Science and Business Media Deutschland GmbH	18645909	Article	ECE
55	Mahesha Y.; Nagaraju C. (SCO)	Spotting congenital heart diseases using palm print based on faster R-CNN and spatial method	2024	International Journal of Medical Engineering and Informatics	16	1	56	70	10.1504/IJMEI.2024.135685	Inderscience Publishers	17550653	Article	ECE
56	Srivatsa A.; Ananthapadmanabha T.; Likith kumar M V ; Suma A.P.(SCO)	Enhancing Smart Grid Security with SHA-SARIMAX: Identifying and Restoring Corrupted Files from FDIA	2024	IAENG International Journal of Computer Science	51	8	1112	1121		International Association of Engineers	1819656X	Article	EEE
57	Manjula T.R.; Asha K.S.; Jayaramu Raghu.; Purushottama T.L. (SCO)	Land Use and Land Change Detection of the Ecosystem by Processing Sentinel Images	2024	Lecture Notes in Networks and Systems	821		259	271	10.1007/978-981-99-7814-4_21	Springer Science and Business Media Deutschland GmbH	23673370	Conference paper	ECE
58	Mahapatra R.K.; Kaliyath Yajunath .; Shet N.S.V.; Mahapatro S.R.; Satapathi G.S.; Prusty S.B.; Patro B.S. (SCO)	A survey on wireless sensor network (applications and architecture)	2024	International Journal of Communication Networks and Distributed Systems	30	2	136	201	10.1504/IJCNSD.2024.137085	Inderscience Publishers	17543916	Article	ECE
59	Shivashankaraiah K.; Shashibhushan G.; Prema Kirubakaran A.; Anjanappa C.; Sharma P.K.; Mayiladuthurai Vaidyanathan I.; Taqui S.N.; Obaid S.A.; Alfarraj S. (SCO)	Developing a Deep Learning and Reliable Optimization Techniques for Solar Photovoltaic Power Prediction	2024	Electric Power Components and Systems					10.1080/15325008.2024.2317369	Taylor and Francis Ltd.	15325008	Article	ECE
60	Anjanappa C.; Puneeth S.; Vishwanath M.K.; Rashmi S.N.; Madan Kumar L.; Hulugappa B. (SCO)	Collaborative Filter Paradigm to Remove Noise in MRI Modality: Application to Diffusion Weighted Images	2024	SSRG International Journal of Electronics and Communication Engineering	11	5	59	68	10.14445/23488549/1JECE-V11I5P106	Seventh Sense Research Group	23488549	Article	ECE
61	Emmi M.G.; Nagaraju C. (SCO)	Cost effective Fi-Wi using optimal ONU placement: A performance analysis of modified whale optimization algorithm	2024	AIP Conference Proceedings	3122	1			10.1063/5.0216971	American Institute of Physics	0094243X	Conference paper	ECE
62	Emmi M.G.; Nagaraju C. (SCO)	Achieving Optimal Scalability Network and Deployment Cost, and Improving Network Performance Based on Traffic Prediction in FiWi Network	2024	International Journal of Intelligent Systems and Applications in Engineering	12	9s	475	482		Ismail Saritas	21476799	Article	ECE
63	Poornima HuchegowdaSukanya, Nagaraju Chowdaiah N. (SCO)	Mathematical model enhancing flash memory reliability through DFT-driven error correction coding	2024	Indonesian Journal of Electrical Engineering and Computer Science	35	3	1468	1479	10.11591/ijeecs.v35.i3.pp1468-1479	Institute of Advanced Engineering and Science	25024752	Article	ECE
64	Venkatesh A.; Nalinakshan SHANKAR. (WoS)	Development of an Intelligent Control Strategy for a Hybrid Energy System Integrated with the HEV Drive	2024	IETE Journal of Research	70	3	3067	3086	10.1080/03772063.2023.2192708	Taylor and Francis Ltd.	3772063	Article	ECE

65	Kumar M.N.; <b>Chidanandappa R.</b> ; Pravallika G.; S P.; C A.; Chavan V.S. (SCO)	Improved performance of Li-ion battery feeding SRM drive using PSO-based speed control and torque ripple minimisation with FOPID Controller	2024	Australian Journal of Electrical and Electronics Engineering					10.1080/1448837X.2024.2337485	Taylor and Francis Ltd.	1448837X	Article	EEE
66	Chethan S.; Hemanth B.R.; Hemaraju; <b>Jayashree M.</b> ; Kumar S. (SCO)	Experimental Analysis on the Impact Behaviour of Graphite-Filled Glass Fibre Reinforced Epoxy Composites Subjected to Sea Water Ageing and Notch Depth	2024	Journal of The Institution of Engineers (India): Series D	105	2	969	974	10.1007/s40033-023-00529-z	Springer	22502122	Article	EEE
67	Kumar M.N.; <b>Chidanandappa R.</b> (SCO)	Particle swarm optimization technique for speed control and torque ripple minimization of switched reluctance motor using PID and FOPID controllers	2024	International Journal of Information Technology (Singapore)	16	2	1185	1201	10.1007/s41870-023-01656-2	Springer Science and Business Media B.V.	25112104	Article	EEE
68	Harisha K.; <b>Jayasankar V.N.</b> (SCO)	Frequency Stability of a Wind-based Energy System by Virtual Inertia Controller of an Inverter Connected to Grid	2024	IETE Journal of Research	70	3	3134	3149	10.1080/03772063.2023.2185295	Taylor and Francis Ltd.	3772063	Article	EEE
69	<b>RASHMI .S N .</b> ; Rao S.S.; Praveenkumar K.; Prabhu T.R.; Shettigar A.K.; Patel G C M.; Linul E. (SCO)	Fretting wear behavior on LPBF processed AlSi10Mg alloy for different heat treatment conditions	2024	Journal of Materials Research and Technology	30		4330	4346	10.1016/j.jmrt.2024.04.147	Elsevier Editora Ltda	22387854	Article	IPE
70	<b>Nandini B.M.; Kaulgud N.</b> (SCO/WoS)	Dark channel prior in low frequency domain for time-efficient single image dehazing	2024	International Journal of Image and Data Fusion					10.1080/19479832.2024.2314503	Taylor and Francis Ltd.	19479832	Article	IPE
71	<b>Veerabhadraswamy C.M.; Rashmi S.N.</b> ; Mizba Tazleem S.M.; Puneeth S.; Rumana Farheen S.M.; Sangamesha M.A.; Krishnaveni S. (SCO/WoS)	Novel approach to bio-inspired triboelectric nanogenerators employing recycled natural fibres for sustainable energy harvesting	2024	Sensors and Actuators A: Physical	377				10.1016/j.sna.2024.115678	Elsevier B.V.	9244247	Article	IPE
72	<b>Rajeshwari Dembala1;</b> Thammaiah A. (SCO)	A simplified classification computational model of opinion mining using deep learning	2024	International Journal of Electrical and Computer Engineering	14	2	2043	2054	10.11591/ijece.v14i2.pp2043-2054	Institute of Advanced Engineering and Science	20888708	Article	ISE
73	<b>Nandini B.M.; Kaulgud N.</b> (SCO)	Relative Depth Prediction of Objects in Hazy Images Using Depthmap and Object Detection	2024	International Journal of Intelligent Systems and Applications in Engineering	12	1	267	276		Ismail Saritas	21476799	Article	ISE
74	<b>Santhosh H.B.</b> ; Ramesha M.; Nagendramma V.; Sajjan K.; Raju C.S.K.; Mahesha (SCO)	Dynamical steady Carreau fluid with heat generation and porosity effect in a suspension of hybrid solid and dust particles	2024	Numerical Heat Transfer, Part B: Fundamentals					10.1080/10407790.2024.2345702	Taylor and Francis Ltd.	10407790	Article	MATH
75	Sreelakshmi T.K.; Selvi P.D.; Babu K.R.; Prasad P.D.; <b>Santosh H.B.</b> ; Abraham A.; Raju C.S.K.; Babu M.S. (SCO)	Dynamics of Brownian motion and nonlinear mixed convective conditions on thermophoretic slip flow embedded with non-Fourier ux	2024	International Journal of Modern Physics B	38	10			10.1142/S0217979224501443	World Scientific	2179792	Article	MATH
76	<b>Sharath Chandra N.</b> ; Shekar G.L.; <b>Raghavendra N.V.</b> (SCO)	Development of a measure for technological capability in small firms: A case study of Bengaluru aerospace cluster	2024	AIP Conference Proceedings	3109	1			10.1063/5.0205293	American Institute of Physics	0094243X	Conference paper	MECH
77	Pandey A.; Mahajan J.; <b>P. Srinag.</b> ; Rastogi A.; Roy A.; Chakrabarti P.P. (SCO)	DARSI: A deep auto-regressive time series inference architecture for forecasting of aerodynamic parameters	2024	Journal of Computational Science	82				10.1016/j.jocs.2024.102401	Elsevier B.V.	18777503	Article	MECH

78	<b>Jamadar I.M.</b> ; Patil A.K.; Samal P.K.; Suresha B. (SCO)	An Empirical Model Integrating Dimensional Analysis and Box-Behnken Design for Crack Detection in Rotor Fan Blades;	2024	FME Transactions	52	1	45	56	10.5937/fme2401045	Belgrade University	14512092	Article	MECH
79	Dixit A.C.; <b>Harshavardhan B.</b> ; Ashok B.C.; Sriraj M.A.; Prakasha K.N.(SCO)	Innovative Pedagogical Approaches for Diverse Learning Styles and Student-Centric Learning	2024	Journal of Engineering Education Transformations	37	Special Issue 2	178	188	10.16920/jeet/2024/v37is2/24039	Rajarambapu Institute Of Technology	23492473	Article	MECH
80	<b>Samal P.K.</b> ; Sunil K.; Jamadar I.M.; Srinidhi R. (SCO)	AI-Enhanced Fault Diagnosis in Rolling Element Bearings: A Comprehensive Vibration Analysis Approach	2024	FME Transactions	52	3	450	460	10.5937/fme2403450	Belgrade University	14512092	Article	MECH
81	Kamarapu S.K.; Muniyappa A.; <b>B Suresha.</b> ; Vardhaman B.S.A.; J R.; Rangappa D. (SCO)	Tribological and vibration characteristics of the palm-mineral blend as a sustainable lubricant in steel-steel contacts	2024	Biomass Conversion and Biorefinery	14	13	14107	14137	10.1007/s13399-022-03603-w	Springer Science and Business Media Deutschland GmbH	21906815	Article	MECH
82	<b>Bhavish Bhat P.B.</b> ; <b>Jayanth K.</b> (SCO)	Studies on the Behavior of Steel Fibre-Reinforced Concrete (SFRC) Under Monotonic Loading in Flexure: A Systematic and Simplified Finite Element Model for Assessing the Structural Performance	2024	Lecture Notes in Civil Engineering	455		115	126	10.1007/978-981-99-9502-8_11	Springer Science and Business Media Deutschland GmbH	23662557	Conference paper	CIVIL
83	Sachin B.; Rao C.M.; Prasad C.D.; Tiwari A.; Ravikiran; <b>Raghavendra T.</b> ; Eswaran A.; Madhusudhana R. (SCO)	Interactive design and development of an intelligent vision-driven 3D printed precision sorting mechanism for silk cocoons	2024	International Journal on Interactive Design and Manufacturing					10.1007/s12008-024-02086-5	Springer-Verlag Italia s.r.l.	19552513	Article	MECH
84	Shivamurthy A.; Boranna R.; Jagannat R.K.; Prashanth G.R.; <b>Bheemappa S.</b> ; Darshan S.M. (SCO)	Mechanical Properties and Analysis of Two-body Abrasive Wear Behaviour of Graphene Modified Carbon/Epoxy Composites Using Taguchi <sup>TM</sup> s Technique	2024	Tribology in Industry	46	1	66	79	10.24874/ti.1512.07.2.3.09	Faculty of Engineering, University of Kragujevac	3548996	Article	MECH
85	Kothiyal P.; Muralidhara B.; <b>Hulugappa B.</b> ; Chandan M.; Yogesha K.K.; Pathak M.K.; Joshi A. (SCO/WoS)	Effect of Al2O3 Reinforcement on Behavioural Characteristics of Aluminium Metal Matrix Nanocomposites	2024	Metallography, Microstructure, and Analysis					10.1007/s13632-024-01081-2	Springer	21929262	Article	MECH
86	Prakash S.; Suresh P.; Sasikumar R.; <b>Suresha B.</b> (SCO)	Superior Mechanical Properties of Aluminium Matrix Composites Fabricated through Modified Matrix Encapsulated Feeding Method	2024	Transactions of the Indian Institute of Metals	77	3	707	716	10.1007/s12666-023-03144-4	Springer	9722815	Article	MECH
87	Akhil V.M.; <b>Mangalore Samarth J.</b> ; Chinmay M.C.; Shankar K.V.; Tawk C. (SCO)	Effect of acetone treatment and copper oxide coating on the mechanical and wear properties of 3D-printed acrylonitrile butadiene styrene structures	2024	Virtual and Physical Prototyping	19	1			10.1080/17452759.2024.2345774	Taylor and Francis Ltd.	17452759	Article	MECH
88	Ravi Kumar V, <b>Prakash K. R.</b> , Santosh Kumar Sahu, Balasubramanya H. S (SCO)	Synthesis and characterisation of carbon nanofiber-wrapped polyaniline and polypyrrole sensory films in polyester resin for strain sensing	2024	Advances in Materials and Processing Technologies					10.1080/2374068X.2024.2379129	Taylor and Francis Ltd.	2374068X	Article	MECH
89	<b>Imran M. Jamadar, Pavankumara Kamate, Prasanta Kumar Samal</b>	Evaluation of fatigue characteristics of 3D printed/composites reinforced with carbon fiber using design of experiments	2024	Polymer Composites					10.1002/pc.28958	John Wiley and Sons Inc	2728397	Article	MECH

90	<b>Suresha B.</b> ; Manjunath P.; Bidappa M.B.P.; Sanketh S.; Bharath P.B. (SCO)	Investigation of Tribological Properties of Mahua Oil Mixed with Zinc Oxide Nanoparticles	2024	Tribology in Industry	46	1	48	55	10.24874/ti.1513.07.23.09	Faculty of Engineering, University of Kragujevac	3548996	Article	MECH
91	Prasad D.K.; Tiwari S.; Amarnath M.; Chelladurai H.; Vardhaman B.S.A.; <b>Suresh B.</b> ; Ramkumar J.; Gupta M.K. (SCO)	Influence of MWCNTs, ZnO, and boric acid nanomaterial blend on the tribological and thermal properties of lithium grease	2024	Tribology International	192				10.1016/j.triboint.2023.109197	Elsevier Ltd	0301679X	Article	MECH
92	<b>Harshavardhan B.</b> ; Ravishankar R.; Dixit U. A.C.; Anandraj D. (SCO)	Tribological Behaviour of Short Carbon Fiber Reinforced Polyethersulfone Composites with PTW Filler	2024	Tribology in Industry	46	2	217	235	10.24874/ti.1532.08.23.10	Faculty of Engineering, University of Kragujevac	3548996	Article	MECH
93	Dixit A.C.; Ashok B.C.; <b>Harshavardhan B.</b> ; Mohan Krishna S.A. (SCO)	Barriers for adoption of green hydrogen in Indian transportation sector: A fuzzy ISM approach	2024	E3S Web of Conferences	559				10.1051/e3sconf/202455903011	EDP Sciences	25550403	Conference paper	MECH
94	Somashekar D.G.; Eswaregowda N.B.; Suresha B. (SCO)	Adhesive wear characteristics of mono and hybrid CF/Ep composite with nano-HAP filler	2024	Journal of Metals, Materials and Minerals	34	3			10.55713/JMMM.V34I3.2040	Chulalongkorn University	8576149	Article	MECH
95	Prasad, HNR; Nirmala, DB; Venkatesh, S; Aili, M; Chandra, N <b>Sharath</b> (WoS)	Enhancement of Concrete Microstructure using Graphene Oxide as a Cement Additive: An Experimental Study	2024	ELECTRONIC JOURNAL OF STRUCTURAL ENGINEERING	24	2	38	42	10.56748/ejse.24526	DEPT INFRASTRUCTURE ENGINEERING, UNIV MELBOURNE, PARVILLE, VIC 3010, AUSTRALIA	1443-9255	Article	MECH
96	Manisha; Jagadish R.S.; Verma R.; <b>Parameshwara P.</b> ; Raj B. (SCO/WoS)	Structure property relations in chitosan based nanocomposite films using WAXS techniques	2024	Indian Journal of Chemical Technology	31	2	248	256	10.56042/ijct.v31i2.2547	National Institute of Science Communication and Policy Research	0971457X	Article	PHY
97	<b>Lohith T. N. Chandra a,</b> Gayathri B. H. Shanthan Kumar Shivaprasad C. M. Divya K. Sridhar M. A. Mahendra M	A new Thiadiazole-triazine derivative: Structural investigation, DFT studies, ADME-T analysis and SARS-CoV-2 activity by docking simulation	2024	Journal of Molecular Structure	1317				10.1016/j.molstruc.2024.139133	Elsevier B.V.	222860	Article	PHY
98	<b>Chandra;</b> V.K.; Kumar S. (SCO)	Ordering self-assembly structures via N[ $\sigma$ ]H $\delta^+$ -S and Br $\delta^-$ -S interactions in (E)-2-(4-bromobenzylidene)hydrazinecarbohydrazide: Insights from crystallographic and computational study	2024	Journal of Molecular Structure	1310				10.1016/j.molstruc.2024.138285	Elsevier B.V.	222860	Article	PHY
99	Rekharani D.; Shivalingegowda N.; Mahesha; Urs <b>M.V. DEEPA URS.</b> ; Chethan B.S.; Krishnappagowda L.N. (SCO)	A novel pyrazole derivative as COVID-19 main protease inhibitor: Synthesis, quantum computational studies, pharmacokinetic properties, drug likeness, molecular docking and dynamics simulation; a CADD approach	2024	Chemical Physics Impact	8				10.1016/j.chphi.2024.100475	Elsevier B.V.	26670224	Article	PHY
100	Mahesha; Sapnakumari M.; Chethan B.S.; Jinkle T.; <b>Deepa Urs M.V.</b> ; Lingegowda N.S.; Lokanath N.K.; Naveen S. (SCO)	Multicomponent synthesis, structural and molecular dynamics simulation studies of a novel spirooxindole derivative	2024	Chemical Physics Impact	8				10.1016/j.chphi.2024.100467	Elsevier B.V.	26670224	Article	PHY



101	<b>Lohith Tumakuru Nagarajappa;</b> Chikkappaiahmayaka S.; Benedict Leoma M.; Isamura B.K.; Venkatesh K.; Singh K.R.; Sindogi K.; Mandayam Anandalwar S.; P. Sadashiva M. (SCO)	Unraveling the crystal structure, stability and drug likeness of 1,3,4-oxadiazole derivatives against Myelofibrosis: a combined experimental and computational investigation	2024	Journal of Biomolecular Structure and Dynamics					10.1080/07391102.2024.2330013	Taylor and Francis Ltd.	7391102	Article	PHY
102	Chikkegowda A.; Raj L.A.; Mohan <b>Sankarshan Belur Mohan</b> ,; Krishnaveni S. (SCO/WoS)	Gamma-ray interaction studies of concrete with waste glass fillers	2024	Radiation Protection Dosimetry	200	11-Dec	1224	1227	10.1093/rpd/nae109	Oxford University Press	1448420	Article	PHY
103	Usha M.K.; <b>Lohith T.N.</b> ; Manjula M.; Shetty S.; Kalluraya B.; Revannasiddaiah D.; Sridhar M.A. (SCO)	Synthesis, crystal structure, Hirshfeld surface analysis, energy frameworks, and DFT calculations of (2e)-3-(dimethylamino)-1-[5-methyl-1-(4-nitrophenyl)-1h-1,2,3-triazol-4-yl]prop-2-en-1-one	2024	Molecular Crystals and Liquid Crystals	768	6	11	26	10.1080/15421406.2024.2326337	Taylor and Francis Ltd.	15421406	Article	PHY
104	Chikkegowda, A; Raj, LA; Mohan, SB; <b>Sankarshan Belur Mohan</b> (WoS)	Study on polymer composites with glass for gamma ray shielding	2024	RADIATION PROTECTION DOSIMETRY	200	11-12	1233	1236	10.1093/rpd/nae111	GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND	0144-8420	Article	PHY
105	Chikkegowda, A; Raj, LA; Mohan, <b>Sankarshan Belur Mohan</b> ; Sannathammegowda, K (WoS)	Gamma-ray shielding characteristics of concrete containing different percentage of ceramics for different energies	2024	RADIATION PROTECTION DOSIMETRY	200	11-12	1153	1157	10.1093/rpd/ncad327	GREAT CLARENDON ST, OXFORD OX2 6DP, ENGLAND	0144-8420	Article	PHY