

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
1	Dr. Bharathi M A	2	AI&ML	Article	MLTPED-BFC: Machine learning-based trust prediction for edge devices	Engineering Applications of Artificial Intelligence	WoS	9521976	139	-	109518	-	-	-		10.1016/j.engappai.2024.109518	Q1	Y	ENG.	2025
2	Dr. Kantharaju V	1	AI&ML	Article	Lung Disease Prediction using Multi-Level Atrous Spatial Pyramid Pooling	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	4		622	632	10		10.22266/ijies.2025.0531.40	Q3	N	ENG.	2025
3	Dr. Kantharaju V	1	AI&ML	Article	Efficient Task Offloading Processing in Edge Computing Using Grey Wolf	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	3		866	877	11		10.22266/ijies.2025.0430.58	Q3	N	ENG.	2025
4	Dr. Pradeep K R	2	AI&ML	Article	LEVERAGING DEEP LEARNING FOR REAL-TIME, CONTINUOUS	Journal of Theoretical and Applied Information Technology	Scopus	19928645	103	10		4115	4116	1		https://www.jatit.org/volumes/Vol103No10/10Vol103No10.pdf	Q4	N	CS- ENG.	2025
5	Dr. Rajesh I S	2	AI&ML	Article	Advanced glaucoma detection through retinal fundus image segmentation	Engineering Research Express	WoS	26318695	7	1	15248					10.1088/2631-8695/adb011	Q2	N	ENG.	2025
6	Dr. Rajesh I S	1	AI&ML	Article	Automatic Detection of Hard Exudate in Color Retinal Fundus Image and Classification of animal species using efficient neuron attention stage-by-	IEEE Access	WoS	21693536	13	-	-	6618	6631	13		10.1109/ACCESS.2025.3525499	Q1	Y	ENG.	2025
7	Dr. Sachin A U	3	AI&ML	Article	FDSRN: Fractal Deep Spiking Neural Network for Breast Cancer Detection	Engineering Applications of Artificial Intelligence	Scopus	9521976	158	-	111488	-	-	-		10.1016/j.engappai.2025.111488	Q1	Y	ENG.	2025
8	Dr. Sachin A U	1	AI&ML	Article	Video inpainting using hybrid DMN-EfficientNet with LGSR	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	1		939	955	16		10.22266/ijies.2025.0229.67	Q3	N	ENG.	2025
9	Dr. Sachin A U	3	AI&ML	Article	Optimizing Mobile Edge Computing Spectral Entropic Radiomics Feature Extraction (SERFE): an adaptive	International Journal of Wireless and Mobile Computing	Scopus	17411084; 17411092	29	2		170	183	0		10.1504/IJWMC.2025.148109	Q4	N	ENG.	2025
10	Dr. Sowmya V L	2	AI&ML	Article	Convolutional Deep Neural Learning	Journal of Computer Science	Scopus	15493636	21	2		399	412	13		10.3844/jcssp.2025.399.412	Q4	N	CS- ENG.	2025
11	Dr. Sowmya V L	1	AI&ML	Article	Spearman and Jaccard-Based	Frontiers in Artificial Intelligence	WoS	26248212	8		1583079			0		10.3389/frai.2025.1583079	Q2	N	CS- ENG.	2025
12	Dr. Sowmya V L	6	AI&ML	Article	Developing an Intelligent Resume Screening Tool With AI-Driven	International Journal of Intelligent Systems	Scopus	1098111X; 08848173	2025	1	6662826	-	-	0		10.1155/int/6662826	Q1	Y	CS- ENG.	2025
13	Abhishek K L	1	AI&ML	Article(Letter)	Machine Learning Approaches for Brain Tumor Classification in	Applied AI Letters	Scopus	26895595	6	2	e116			0		10.1002/aij2.116	Q3	N	CS- ENG.	2025
14	Dr. Bharathi M A	2	AI&ML	Book chapter	Quantum Computing: Necessary Applications for Future	Studies in Systems, Decision and Control	Scopus	21984182	568			137	152	15		10.1007/978-3-031-71526-6_13	-	-	-	2025
15	Dr. Niranjanamurthy M	3	AI&ML	Book chapter	Advancements in AI and ML for Enhanced Security and Performance in NLP Voice Assistance for IoT	Quantum Computing: The Future of Information Processing	Scopus	-				77	92	15		10.1201/9781003499459_5	-	-	-	2025
16	Dr. Rajesh I S	3	AI&ML	Book chapter	Autonomous Vehicles Using ML	Advanced Sciences and Technologies for Security	Scopus	16135113	Part F458			99	120	21		10.1007/978-3-031-85008-0_5	-	-	-	2025
17	Dr. Srivani P	2	AI&ML	Book chapter	Hybrid Deep Fusion of CNN and Transformer Models for Early	AI's role in enhanced automotive safety	Scopus	-				359	374	15		10.4018/979-8-3373-0442-7.ch023	-	-	-	2025
18	Dr. Rajesh I S	2	AI&ML	Conference paper	Enhancing Retrieval-Augmented Generation via Dual-Granularity		Scopus	-								10.1109/NMITSICON65824.2025.11188329	-	-	-	2025
19	Abhishek K L	2	AI&ML	Conference paper	Detecting an Employee's Stress Using Emotional Intelligence-Based Machine	Proceedings of 2025 International Conference on Computing for	Scopus	-						0	0	10.1109/COMP-SIF65618.2025.10969878	-	-	-	2025
20	Balaraju G	1	AI&ML	Conference paper	Design and Development of AI-Based Low-Cost Effective Prototype for Early		Scopus	-	413 LNCE			51	62	11		10.1007/978-981-97-7699-3_6	-	-	-	2025
21	Dr. Anupama H S	2	AI&ML	Conference paper	AI-Driven Brain Tumor Segmentation: Innovations, Constraints and the Path Toward Clinical Adoption	Lecture Notes in Civil Engineering	Scopus	-								10.1007/978-981-96-6063-6_11	-	-	-	2025
22	Dr. Archana Bhat	1	AI&ML	Conference paper	Human Pose Estimation Using Deep Neural Networks: A Comprehensive	Proceedings of 2025 International Conference on Computing for Sustainability and Intelligent	Scopus	-	1388 LNNS			147	160	0	0	10.1007/978-981-96-4679-1_30	-	-	-	2025
23	Balaraju G	1	AI&ML	Conference paper	Recognition of Sign Language Using E-CNN	Lecture Notes in Electrical Engineering	Scopus	-	1398 LNEE			375	386			10.1007/978-981-96-4679-1_30	-	-	-	2025
24	Dr. Manoj H M	1	AI&ML	Conference paper	Design and Implementation of a Blockchain-Based Secure and An Overview on Machine Learning		Scopus	-				584	590			10.1109/ICICI65870.2025.11069694	-	-	-	2025
25	Dr. Niranjanamurthy M	4	AI&ML	Conference paper	Techniques for Detection and Enhancing Intelligent Transport Systems through Quantum and Cyber Resilience in Smart Cities Using Bi-LSTM-Based Intrusion Detection		Scopus	-				1298	1302			10.1109/ICISS63372.2025.11076412	-	-	-	2025
26	Dr. Niranjanamurthy M	3	AI&ML	Conference paper	Disaster Management Enabled Metaverse for Crisis Response Using Predictive Maintenance powered by Artificial Intelligence using Models of		Scopus	-								10.1109/ICIES63851.2025.11032692	-	-	-	2025
27	Dr. Niranjanamurthy M	6	AI&ML	Conference paper	Enhancing Microservice Scalability with Serverless Architectures: An Prediction of Machine Failures using Stacking Classifiers and SHAP		Scopus	-						0	0	10.1109/ICIEF64428.2025.10986831	-	-	-	2025
28	Dr. Niranjanamurthy M	6	AI&ML	Conference paper	Reinforcement Learning-Driven Portfolio Management: Adaptive Smart Mood Detection: Real-Time Emotion Analysis for Human-Smart Locker 2.0: Leveraging IoT and Machine Learning for Secure User-Breast Cancer Classification Using RNN with LSTM Layers and	2025 International Conference on Artificial Intelligence and Data	Scopus	-				691	695	4		10.1109/AIDE64228.2025.10987522	-	-	-	2025
29	Dr. Niranjanamurthy M	6	AI&ML	Conference paper	Analysis of air quality using ensemble technique	2025 International Conference on Artificial Intelligence and Data	Scopus	-				696	700	4		10.1007/978-981-96-5729-2_29	-	-	-	2025
30	Dr. Niranjanamurthy M	6	AI&ML	Conference paper		Lecture Notes in Networks and Systems	Scopus	-	1373 LNNS			447	464	0	0	10.1063/5.0275971	-	-	-	2025
31	Dr. Niranjanamurthy M	2	AI&ML	Conference paper		AIP Conference Proceedings	Scopus	-	3306	1	20014					10.1063/5.0275971	-	-	-	2025
32	Dr. Pradeep K R	1	AI&ML	Conference paper			Scopus	-									-	-	-	2025
33	Dr. Pradeep K R	3	AI&ML	Conference paper			Scopus	-									-	-	-	2025
34	Dr. Rajesh I S	7	AI&ML	Conference paper			Scopus	-									-	-	-	2025
35	Dr. Rajesh I S	4	AI&ML	Conference paper			Scopus	-									-	-	-	2025
36	Dr. Rajesh I S	3	AI&ML	Conference paper			Scopus	-									-	-	-	2025
37	Kavitha D	3	AI&ML	Conference paper			Scopus	-									-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
38	Mayuri K P	1	AI&ML	Conference paper	Machine Learning-Driven Optimization of Plant Growth		Scopus	-						0	0	10.1109/CONIT65521.2025.11166909	-	-	-	2025
39	Dr. Niranjanamurthy M	6	AI&ML	Conference paper	AI and Big Data Analytics for Predicting Consumer Behaviour in		Scopus									10.1109/ICMCTC62214.2025.11196618	-	-	-	2025
40	Dr. Niranjanamurthy M	6	AI&ML	Conference paper	AI and Big Data Analytics for Predicting Consumer Behavior in		Scopus									10.1109/ICMCTC62214.2025.11196728	-	-	-	2025
41	Dr. Rajesh I S	4	AI&ML	Conference paper	Optimized Deep Learning Framework for Automated Native Botanical		Scopus									10.1109/NMITCON65824.2025.11187828	-	-	-	2025
42	Dr. Rajesh I S	1	AI&ML	Conference paper	Automated Identification of Age- Related Macular Degeneration in Color		Scopus					185	189			10.1109/MPCIT62449.2024.10892645	-	-	-	2025
43	Dr. Rajesh I S	1	AI&ML	Conference paper	Automated Retrieval of Retinal Blood Vessels in Color Fundus Images		Scopus					190	194			10.1109/MPCIT62449.2024.10892692	-	-	-	2025
44	Sanjay M Belgaonkar	3	AI&ML	Conference paper	Neural Network-Based Signal Processing in VLSI Circuits		Scopus	-				482	488			10.1109/ICSMARTGRID66138.2025.11071834	-	-	-	2025
45	Sanjay M Belgaonkar	2	AI&ML	Conference paper	Analysis of Deep Learning Techniques for Ultrasound Nerve Segmentation	Lecture Notes in Electrical Engineering	Scopus	-	1300 LNEE			105	118	0	0	10.1007/978-981-96-0165-3_9	-	-	-	2025
46	Shruthi B S	1	AI&ML	Conference paper	Comprehensive Analysis of Plant Leaf Disease Detection using Artificial		Scopus	-								10.1109/ICDSIS65355.2025.11070403	-	-	-	2025
47	Shruthi S	2	AI&ML	Conference paper	Advanced Encryption Strategies for Protecting Patient Data in IoT		Scopus	-						0	0	10.1109/INCFET64471.2025.11139937	-	-	-	2025
48	Dr. Arun Kumar B R	2	AI&ML(R S&G)	Conference paper	An Integrated Knowledge Graph and Graph Neural Network Framework for		Scopus									10.1109/NMITCON65824.2025.11188397	-	-	-	2025
49	Bommisetty Rahul	2	AI&ML(S)	Conference paper	Bayesian Belief Network Analysis for SPAD System in Railways		Scopus					195	200			10.1109/MPCIT62449.2024.10892776	-	-	-	2025
50	K Sai Gethanjalil (STUDENT)	1	AI&ML(S)	Conference paper	Enhancing Educational Outcomes with Explainable AI: Bridging	ESIC 2025 - 5th International Conference on Emerging Systems	Scopus	-				325	328	3		10.1109/ESIC64052.2025.10962568	-	-	-	2025
51	Nidhi Umashankar (AI&ML)	2	AI&ML(S)	Conference paper	AI-Driven Financial Analyst	2025 International Conference on Data Science, Agents and Artificial	Scopus	-								10.1109/ICDSAAI65575.2025.11011880	-	-	-	2025
52	Ninad Amane (STUDENT)	6	AI&ML(S)	Conference paper	Improving Medical Imaging Diagnostics with Deep Convolutional	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969915	-	-	-	2025
53	Ninad Amane (STUDENT)	2	AI&ML(S)	Conference paper	Enhancing Question Answering Systems with Semantic Networks and	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969916	-	-	-	2025
54	Manoj H M	2	AI&ML(S TU&G)	Conference paper	Explainable Gradient Boosting Models for Automated Enterprise Travel		Scopus									10.1109/NMITCON65824.2025.11188080	-	-	-	2025
55	Dr. Rajesh I S	4	AI&ML(S TU&G)	Conference paper	Multipurpose Multi-Sensor Smart Robot for Border Security Surveillance		Scopus									10.1109/NMITCON65824.2025.11187952	-	-	-	2025
56	Dr. Rajesh I S	6	AI&ML(S TU&G)	Conference paper	Smart Maze Solver Using Reinforcement Learning		Scopus									10.1109/NMITCON65824.2025.11188405	-	-	-	2025
57	Dr. Bincy Rose Vergis	2	CHEM	Article	Electrochemical corrosion influencing the Al beryll alloy system subjected to	Results in Surfaces and Interfaces	WoS	26668459	18		100399					10.1016/j.rsufi.2024.100399	Q2	N	N	2025
58	Dr. Bincy Rose Vergis	3	CHEM	Article	Heteroatom Modified Hybrid Carbon Quantum Dots Derived from	Topics in Catalysis	Scopus	10225528	68	13	-	1427	1438	0		10.1007/s11244-022-01581-x	Q2	Y	CE- ENG.	2025
59	Dr. Bincy Rose Vergis	1	CHEM	Article	Corrosion mitigation of mild steel by dimethylol propionic acid: an	Canadian Metallurgical Quarterly	Scopus	00084433; 18791395	64	4	-	2103	2113	0		10.1080/00084433.2024.2435108	Q2	Y	ENG.	2025
60	Dr. Bincy Rose Vergis	3	CHEM	Article	Decoding the Mechanisms of Dyes and Heavy Metals via NiO Nanoparticles:	Topics in Catalysis	Scopus	10225528; 15729028	-	-	-	-	-	0		10.1007/s11244-025-02215-8	Q2	Y	N	2025
61	Dr. Jeevan Chakravarthy A S	1	CHEM	Article	Novel aryl substituted sulfonyl piperazine derivatives: Tandem one-	Journal of Molecular Structure	Scopus	222860	1344	-	142892	-	-	-		10.1016/j.molstruc.2025.142892	Q2	Y	N	2025
62	Dr. Jeevan Chakravarthy A S	2	CHEM	Article	Experimental and theoretical investigation of cyclohexanone	Scientific Reports	Scopus	20452322	15	1	720	-	-	-		10.1038/s41598-024-83054-7	Q1	Y	N	2025
63	Dr. Jeevan Chakravarthy A S	1	CHEM	Article	Synthesis, structure elucidation and computational analysis of a novel	Chemical Physics Impact	Scopus	26670224	11		100900			0		10.1016/j.chphi.2025.100900	Q2	N	N	2025
64	Dr. Jyothi C. Abbar	2	CHEM	Article	Electrochemical sensing of an anticancer drug temozolomide using	Ionics	Scopus	9477047	31	6	e4615	6325	6342	17		10.1007/s11581-025-06273-6	Q2	Y	ENG.	2025
65	Dr. Jyothi C. Abbar	1	CHEM	Article	Ultra-sensitive platform for the detection of a psychostimulant drug	Materials Chemistry and Physics	Scopus	2540584	339	-	130797	-	-	-		10.1016/j.matchemphys.2025.130797	Q1	Y	N	2025
66	Dr. Jyothi C. Abbar	1	CHEM	Article	Unlocking the corrosion inhibition potential of expired chlorzoxazone on	Materials Today Communications	Scopus	23524928	45	-	112409	-	-	-		10.1016/j.mtrcomm.2025.112409	Q1	Y	ENG.	2025
67	Dr. K. Sureshkumar	7	CHEM	Article	Electrochemical sensing of Cr(VI): Leveraging the copper electrode by	Journal of Solid State Electrochemistry	WoS	14328488	-	-	-	-	-	-		10.1007/s10008-025-06264-7	Q2	Y	ENG.	2025
68	Dr. M Madhukara Naik	2	CHEM	Article	Enhanced photocatalytic hydrogen evolution via Nitrogen and Sulfur	JOURNAL OF ENVIRONMENTAL CHEMICAL ENGINEERING	WoS(O)		13	6	-	-	-	-		10.1016/j.jece.2025.119249	Q1	Y	ENG.	2025
69	Dr. M Madhukara Naik	3	CHEM	Article	Synthesis, characterization and antibacterial studies of polyvinyl	Chemical Papers	Scopus	3666352	-	-	-	-	-	-		10.1007/s11696-025-04117-1	Q2	Y	ENG.	2025
70	Dr. M Madhukara Naik	5	CHEM	Article	Structural, dielectric and LDT response of Sr2+ ions codoped	Journal of Molecular Structure	Scopus	222860	1324	-	140825	-	-	-		10.1016/j.molstruc.2024.140825	Q2	Y	N	2025
71	Dr. M Madhukara Naik	2	CHEM	Article	Nitrogen, phosphorous co-doped carbon quantum dots as glucose and	Materials Chemistry and Physics	WoS	2540584	331	-	130149	-	-	-		10.1016/j.matchemphys.2024.130149	Q1	Y	N	2025
72	Dr. M Madhukara Naik	1	CHEM	Article	The effects of a constant bias force on the dynamics of a periodically forced	Multiscale and Multidisciplinary Modeling, Experiments and Design	WoS	25208160	8	5	231					10.1007/s41939-025-00813-3	Q2	N	ENG.	2025
73	Dr. M Madhukara Naik	3	CHEM	Article	Nickel ferrite-driven microwave method for eco-friendly in-situ	Nanotechnology for Environmental Engineering	Scopus	23656379	10	1	10					10.1007/s41204-025-00407-x	Q2	N	CE- ENG.	2025
74	Dr. Ramkarishnappa T	4	CHEM	Article	Blue-red tunable emission of ZnO: Sm3+-nanophosphors; a	Applied Physics A: Materials Science and Processing	Scopus	09478396; 14320630	131	11	860	-	-	0		10.1007/s00339-025-08916-x	Q2	Y	N	2025
75	Dr. Udayabhanu	4	CHEM	Article	Enhanced dopamine detection via Bi2MoO6/CaTiO3 nano-composite-	Analytical Chemistry Letters	Scopus	22297928	15	2		241	256	15		10.1080/22297928.2025.2477114	Q3	N	N	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
76	Dr. Udayabhanu	2	CHEM	Article	Deciphering solar light-driven mechanisms of Ag-decorated Sesamum indicum L.-assisted facile green synthesis of multifunctional Nitrogen, sulphur co-doped carbon quantum dots scaffolded on TiO ₂	International Journal of Hydrogen Energy	WoS	3603199	137	-	-	1235	1247	12		10.1016/j.ijhydene.2024.08.464	Q1	Y	N	2025
77	Dr. Udayabhanu	2	CHEM	Article	Enhanced charge carrier separation in stable Type-1 CoNi ₂ S ₄ /MoS ₂ Type-1 heterojunction TiO ₂	Journal of Industrial and Engineering Chemistry	Scopus	1226086X	-	-	-	-	-	-		10.1016/j.jiec.2025.04.042	Q1	Y	CE-ENG.	2025
78	Dr. Udayabhanu	3	CHEM	Article	Nanotubes/Ag ₂ CrO ₄ nanoparticles: Electrochemical sensing of Amlodipine besylate using ZnIn ₂ S ₄ /ZnO	Journal of Physics and Chemistry of Solids	WoS	223697	198	-	112444	-	-	-		10.1016/j.jpcs.2024.112444	Q1	Y	N	2025
79	Dr. Udayabhanu	2	CHEM	Article	Photocatalytic degradation of methylene blue using MgCo ₂ O ₄ /CNT nanostructured hybrids for sensitive and stable Visible Light Active Fe ₂ O ₃ /TiO ₂	Materials Chemistry and Physics	WoS	2540584	337	-	130573	-	-	-		10.1016/j.matchemphys.2025.130573	Q1	Y	N	2025
80	Dr. Udayabhanu	4	CHEM	Article	Swift biosynthesis of NiFe ₂ O ₄ nanoparticles from Guizotia abyssinica	Microchemical Journal	Scopus	0026265X	214	-	113925	-	-	-		10.1016/j.microc.2025.113925	Q1	Y	N	2025
81	Dr. Udayabhanu	4	CHEM	Article	Improving the lithium storage capacity of Zn ₂ GeO ₄ by incorporating VS ₂	Next Materials	WoS	29498228	8		100774					10.1016/j.nxmte.2025.100774	Q1	N	ENG.	2025
82	Dr. Udayabhanu	3	CHEM	Article	Ge-doped 3D flower-like Cu ₂ SnS ₃ structures for enhanced lithium-ion Tailoring nanostructured Zn-doped ZnO and 8-cyclodextrin on a carbon	Surfaces and Interfaces	Scopus	24680230	72	-	107368	-	-	0		10.1016/j.surfin.2025.107368	Q1	Y	N	2025
83	Dr. Udayabhanu	1	CHEM	Article	Enhanced photocatalytic hydrogen evolution via Nitrogen and Sulfur Co-Synergistic Cu-BTC MOF/g-C ₃ N ₄ nanocomposite: A light-driven	Topics in Catalysis	WoS	10225528	-	-	-	-	-	0		10.1007/s11244-025-02145-5	Q2	Y	CE-ENG.	2025
84	Dr. Udayabhanu	2	CHEM	Article	Microwave assisted green synthesis of cube-like mesoporous KTAO _x for high Eggshell-Based Biochar for Superior Adsorption of Crystalline Violet Dye and	IONICS	WoS(O)	09477047	-	-	-	-	-	-		10.1007/s11581-025-06632-3	Q2	Y	ENG.	2025
85	Dr. Udayabhanu	3	CHEM	Article	An overview of recent advances in Pt and Pd-based materials: From design Advancements and challenges in anode materials for sodium-ion	Ionics	Scopus	09477047; 18620760	-	-	-	-	-	0		10.1007/s11581-025-06734-y	Q2	Y	ENG.	2025
86	Dr. Udayabhanu	3	CHEM	Article	Lithium-ion battery nanostructured anodes: current advancements and Recent advances on metal sulfides as next-generation electrodes for	Journal of Energy Storage	Scopus	2352152X	138	-	118513	-	-	0		10.1016/j.est.2025.118513	Q1	Y	ENG.	2025
87	Jyothi C Abbar	3	CHEM	Article	Advances of porphyrin composites for the effective adsorption and	Journal of Materials Science: Materials in Electronics	WoS	09574522	36	33	2093	-	-	-	-	10.1007/s10854-025-16141-8	Q2	Y	ENG.	2025
88	M. Madhukara Naik	2	CHEM	Article	Agricultural Wastes for Production of Biochar	Journal of Environmental Chemical Engineering	Scopus	2213-2929	13	6	119249	-	-	-	-	10.1016/j.jece.2025.119249	Q1	Y	CE-ENG.	2025
89	Dr. Udayabhanu	2	CHEM	Article	Assessment of Rainfall Intensity, Duration and Runoff Dynamics	Nanotechnology for Environmental Engineering	Scopus	23656379	10	4	84	-	-	-	-	10.1007/s41204-025-00485-x	Q2	N	CE-ENG.	2025
90	Dr. Udayabhanu	3	CHEM	Article	Storm water runoff studies in built-up watershed areas using curve number	Ionics	Scopus	1862-0760	-	-	-	-	-	-	-	10.1007/s11581-025-06864-3	Q2	Y	ENG.	2025
91	Vijaya Bhaskar Reddy	2	CHEM	Article	First record of the Coelicia svihleri Asahina, 1970 (Odonata:)	Asia-Pacific Journal of Chemical Engineering	WoS	19322135	-	-	-	-	-	-	-	10.1002/apj.70160	Q3	Y	CE-ENG.	2025
92	Dr. K. Sureshkumar	6	CHEM	Article(Review)	Studies on mechanical, fractured surface, wear, and thermal	Journal of Industrial and Engineering Chemistry	Scopus	1226086X	146	-	-	213	237	0		10.1016/j.jiec.2024.11.057	Q1	Y	CE-ENG.	2025
93	Dr. Udayabhanu	3	CHEM	Article(Review)	Comparative analysis of machine learning models for predicting	Critical Reviews in Solid State and Materials Sciences	Scopus	10408436	50	3	-	296	320	0		10.1080/10408436.2024.2417174	Q1	Y	ENG.	2025
94	Dr. Udayabhanu	3	CHEM	Article(Review)	Study on the Impact of Mineral Admixtures and Packing Factor in	Materials Research Innovations	Scopus	14328917	29	4		269	282	0		10.1080/14328917.2024.2432698	Q3	N	ENG.	2025
95	Dr. Udayabhanu	2	CHEM	Article(Review)	Numerical Investigation of Strip Footing Interference on Saturated	Next Materials	Scopus	29498228	9		101103			0		10.1016/j.nxmte.2025.101103	Q1	N	ENG.	2025
96	Dr. A. Vijaya Bhaskar Reddy	2	CHEM	Book chapter	Advances of porphyrin composites for the effective adsorption and		Scopus					443	471			10.1002/9781394214440.ch17	-	-	-	2025
97	Jyothi C Abbar	2	CHEM	Book chapter	Agricultural Wastes for Production of Biochar		Scopus					45	67			10.1007/978-3-031-92594-8_3	-	-	-	2025
98	Dr. Aruna G	2	CIV	Article	Axial compression behavior of edge stiffened C-profile aluminium alloy: a	Revista Materia	WoS	15177076	30		e20240720					10.1590/1517-7076-RMAT-2024-0720	Q3	N	N	2025
99	Dr. Aruna G	3	CIV	Article	Performance ability study on sludge contained hollow concrete blocks	Revista Materia	WoS	15177076	30	-	e20250206	-	-	0		10.1590/1517-7076-RMAT-2025-0206	Q3	Y	N	2025
100	Dr. Rajakumara H N	2	CIV	Article	Storm water runoff studies in built-up watershed areas using curve number	Discover Sustainability	WoS	26629984	6	1	26					10.1007/s43621-025-00828-3	Q1	N	N	2025
101	Dr. Rajakumara H N	2	CIV	Article	Assessment of Rainfall Intensity, Duration and Runoff Dynamics	Water and Energy International	Scopus	09744207	68r	2		28	34	0		https://www.researchgate.net/publication/n/393185965_Assessment_of_Rainfall	Q4	N	N	2025
102	Dr. Rajesh Gopinath	2	CIV	Article	First record of the Coelicia svihleri Asahina, 1970 (Odonata:)	Journal of Threatened Taxa	Scopus	09747907; 09747893	17	8		27363	27370	0		10.11609/jott.9689.17.8.27400-27402	Q3	N	N	2025
103	Dr. Vinod B R	3	CIV	Article	Studies on mechanical, fractured surface, wear, and thermal	Fracture and Structural Integrity	WoS	19718993	19	74		373	384	0		10.3221/IJGE-FSIS.74.23	Q2	N	ENG.	2025
104	Dr. Vinod B R	2	CIV	Article(Letter)	Comparative analysis of machine learning models for predicting	Modeling Earth Systems and Environment	WoS	23636203	11	5	345			0		10.1007/s40808-025-02540-7	Q1	N	N	2025
105	Dr. Athiyamaan V	1	CIV	Book chapter	Study on the Impact of Mineral Admixtures and Packing Factor in	Springer Proceedings in Materials	Scopus	-	29			365	378	0	0	10.1007/978-981-96-0746-4_25	-	-	-	2025
106	Dr. Anupkumar G Ekbote	1	CIV	Conference paper	Numerical Investigation of Strip Footing Interference on Saturated	Lecture Notes in Civil Engineering	Scopus	-	570 LNCE			25	33			10.1007/978-981-96-1554-4_3	-	-	-	2025
107	Dr. Anupkumar G Ekbote	1	CIV	Conference paper	Application of Nano-Silica and Polypropylene Fibres to Enhance the	Lecture Notes in Civil Engineering	Scopus	-	570 LNCE			15	24			10.1007/978-981-96-1554-4_2	-	-	-	2025
108	Dr. Chandrashekarappa Agasnalli	1	CIV	Conference paper	Gold Mineralization and Their Lithological Controls at Nagavi Area,	Lecture Notes in Civil Engineering	Scopus	-	566 LNCE			69	81			10.1007/978-981-96-1558-2_8	-	-	-	2025
109	Dr. Rajakumara H N	2	CIV	Conference paper	Urban Flood Management Strategies for Bangalore City Using Remote	Lecture Notes in Civil Engineering	Scopus	-	566 LNCE			193	202			10.1007/978-981-96-1558-2_17	-	-	-	2025
110	Dr. Vinod B R	1	CIV	Conference paper	Stability Analysis of Reinforced Soil Embankments with Alccofine, Glass	Lecture Notes in Civil Engineering	Scopus	-	570 LNCE			35	45			10.1007/978-981-96-1554-4_4	-	-	-	2025
111	Dr. Archana R A	3	CSBS	Article	Anomaly detection based self-healing mechanism using dynamic diffusion	Knowledge-Based Systems	WoS	09507051	331	-	114812	-	-	-	-	10.1016/j.knosys.2025.114812	Q1	Y	CS-ENG.	2025
112	Dr. Vishwa Kiran S	3	CSBS	Article	Hybrid Ensemble Deep Neural Network for Intrusion Detection	SSRG International Journal of Electronics and Communication	Scopus	23488549	12	7		184	200	0		10.14445/23488549/IJECF-V12I7P114	Q4	N	ENG.	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
114	Dr. Archana R A	1	CSBS	Conference paper	A D-Tect System for Robust Human Target Detection and Acquisition to Automated Fruit Sorting System using Computer Vision for Retail & Industry	Lecture Notes in Electrical Engineering	Scopus	-	1399 LNEE			265	277			10.1007/978-981-96-4430-8_18	-	-	-	2025
115	Udayaprasad P K	2	CSBS	Conference paper	BayesDS: a Bayesian-optimized learnine-based intrusion detection		Scopus	-								10.1109/ICDSIS65355.2025.11071183	-	-	-	2025
116	Dr. Durga Bhavani A	1	CSE	Article	RICSO-based RiDeep LSTM: Rider competitive swarm optimiser enabled Enhanced breast cancer detection and classification via CAMR-Gabor filters	European Physical Journal Plus	WoS	2190-5444	140	11	1064	-	-	-	-	10.1140/epjp/s13360-025-07001-9	Q2	Y	CE- ENG, CS- ENG, CS- ENG,	2025
117	Dr. Bhuvaneshwari C M	3	CSE	Article	An efficient and resilience linear prefix approach for minine maximal frequent	International Journal of Information and Decision Sciences	Scopus	17567017	17	1		51	75	24		10.1504/IJIDS.2025.144261	Q4	N		2025
118	Dr. Chandrashekhar K T	2	CSE	Article	A Comparative Study of Network Slicing Techniques for Effective Revolutionizing recommendations a survey: a comprehensive exploration	Egyptian Informatics Journal	WoS	11108665	29	-	100602	-	-	-		10.1016/j.eij.2024.100602	Q1	Y		2025
119	Dr. Dhanalakshmi B K	3	CSE	Article	Image Classification with Hypertensive Angle Disease Detection with AI-Based Intelligent System for Healthcare Application Using Edge- Geometric Cryptosystem Based Elliptic Curve Cryptography and	Journal of Safety Science and Resilience	WoS	20967527	6	1		93	104	11		10.1016/j.jnlssr.2024.08.001	Q1	N	ENG.	2025
120	Dr. Mahesh G	3	CSE	Article	Investigating the Role of Intelligent HR Systems in Enhancing the Relationship	IEEE Access	WoS	21693536	13	-	-	31870	31888	18		10.1109/ACCESS.2025.3542569	Q1	Y	ENG.	2025
121	Dr. Pushpa S K	2	CSE	Article	FPGA-Based Image Compression for Wireless Communication Networks	IAES International Journal of Artificial Intelligence	Scopus	22528938; 20894872	14	4		2579	2589	0		10.11591/ijai.v14.i4.pp2579-2589	Q2	N	ENG.	2025
122	Dr. Shankar R	3	CSE	Article	A hybrid LSTM-auto encoder and random forest-based cybersecurity	Communications on Applied Nonlinear Analysis	Scopus	1074133X	32	2		593	609	16		10.52783/cana.v32.1835	Q4	N	N	2025
123	Dr. Shankar R	2	CSE	Article	SN Computer Science	International Research Journal of Multidisciplinary Technology	Scopus	25821040	7	3		15	26	11		10.54392/irjmt2532	Q4	N	ENG.	2025
124	Dr. Usha B A	2	CSE	Article	Journal of Machine and Computing	International Journal of Computer Networks and Applications	Scopus	23950455	12	3		324	335	0		10.22247/ijcna/2025/21	Q3	N	CS- ENG,	2025
125	Dr. Surekha R Gondkar	3	CSE	Article	Indian Journal of Information Sources and Services	Scopus	22316094	Q2	N	N	362	369	-	-		10.51983/ijiss-2025.1JISS.15.3.41	Q2	N	N	2025
126	Goutami Chenumalla	3	CSE	Article	International Journal of Information Technology	Scopus	25112104	-	-	-	-	-	-	-		10.1007/s41870-025-02888-0	Q2	N	ENG.	2025
127	Sneha Suredhy	2	CSE	Article	SN Computer Science	Scopus	26618907	6	4	392				0		10.1007/s42979-025-03942-1	Q2	N	CS- ENG,	2025
128	Dr. Lakshmi B N	1	CSE	Article(Review)	Proceedings of 2025 International Conference on Computing for Lecture Notes in Networks and Systems	Scopus	-									10.1109/COMP-SIF65618.2025.10969891	-	-	-	2025
129	Brinda M	1	CSE	Conference paper	MetaDiffBlog: A Metadata Driven Blog Tag Recommendation Framework	Lecture Notes in Networks and Systems	Scopus	-	1354 LNNS			35	45	0	0	10.1007/978-981-96-4880-1_3	-	-	-	2025
130	Dr. Anil G N	3	CSE	Conference paper	SFARDE: A Knowledge-Centric Semantic Strategic Framework for CKGLD: Curating Knowledge Graph for Linked Open Data Generation for	Lecture Notes in Computer Science (including subseries LNCS)	Scopus	-	1247 LNNS			105	115	10		10.1007/978-3-031-81086-2_12	-	-	-	2025
131	Dr. Gerard Deepak	2	CSE	Conference paper	SOVQA: Semantics Oriented Framework for Visual Question TCGC: Tweet Classification and Recommendation for Geographical	Lecture Notes in Networks and Systems	Scopus	-	15459 LNCS			139	152	13		10.1007/978-3-031-81271-7_10	-	-	-	2025
132	Dr. Gerard Deepak	2	CSE	Conference paper	BDSSL: Biomedical Document Recommendation Using Knowledge-	Lecture Notes in Networks and Systems	Scopus	-	1073			363	371	8		10.1007/978-981-97-5703-9_31	-	-	-	2025
133	Dr. Gerard Deepak	2	CSE	Conference paper	KMSR: A Semantics Infused Framework for Knowledge Map	Lecture Notes in Networks and Systems	Scopus	-	1246 LNNS			280	288	8		10.1007/978-3-031-88992-9_27	-	-	-	2025
134	Dr. Gerard Deepak	2	CSE	Conference paper	VRSL: A Framework for Video Recommendation Integrating	Lecture Notes in Networks and Systems	Scopus	-	1247 LNNS			89	98	9		10.1007/978-3-031-81086-2_10	-	-	-	2025
135	Dr. Gerard Deepak	2	CSE	Conference paper	LODHS: Linked Open Data Generation Using Human-in-the-	Lecture Notes in Networks and Systems	Scopus	-	1073			145	153	8		10.1007/978-981-97-5703-9_11	-	-	-	2025
136	Dr. Gerard Deepak	2	CSE	Conference paper	WRRS: A Strategic Hybridized Model for Recommendation of Webpages	Communications in Computer and Information Science	Scopus	-	2461 CCIS			227	244			10.1007/978-3-031-96473-2_16	-	-	-	2025
137	Dr. Gerard Deepak	2	CSE	Conference paper	OFSL: A Strategic Approach for Ontology Focused Storyboarding	Communications in Computer and Information Science	Scopus	-	2461 CCIS			15	24			10.1007/978-3-031-96473-2_2	-	-	-	2025
138	Dr. Gerard Deepak	2	CSE	Conference paper	Optimizing Travel for a Greener Future: AI-Driven Route Planning and	Lecture Notes in Networks and Systems	Scopus	-	1355 LNNS			157	166			10.1007/978-981-96-4883-2_13	-	-	-	2025
139	Dr. Gerard Deepak	2	CSE	Conference paper	Optimizing Plant Disease Detection Using Convolutional Neural Networks	Lecture Notes in Networks and Systems	Scopus	-	1355 LNNS			217	226			10.1007/978-981-96-4883-2_18	-	-	-	2025
140	Dr. Gerard Deepak	2	CSE	Conference paper	HealthLink: A Healthcare System Leveraging IoT, Blockchain, and IPFS	Lecture Notes in Networks and Systems	Scopus	-	1230 LNNS			65	74			10.1007/978-3-031-78943-4_8	-	-	-	2025
141	Dr. Gireesh Babu C N	2	CSE	Conference paper	Empirical Survey on Identification of Risk Factors and Statistical Data	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969973	-	-	-	2025
142	Dr. Sai Arul Jose G	2	CSE	Conference paper	Lecture Notes in Electrical Engineering	Proceedings of 2025 International Conference on Computing for	Scopus	-	1399 LNEE			465	478			10.1109/COMP-SIF65618.2025.10969965	-	-	-	2025
143	Dr. Muneshwara M S	1	CSE	Conference paper	AIP Conference Proceedings	Scopus	-	3237	1	30009						10.1063/5.0257793	-	-	-	2025
144	Dr. Satish Kumar T	4	CSE	Conference paper	Women Safety Alert System Using IoT with Fingerprint Authentication and SmokeEye: An AI-ML-Based Dehazing and Desmoking System	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969885	-	-	-	2025
145	Dr. Shankar R	2	CSE	Conference paper	Lecture Notes in Electrical Engineering	Scopus	-	1399 LNEE				349	361			10.1007/978-981-96-4430-8_25	-	-	-	2025
146	Dr. Vidya R Pai	1	CSE	Conference paper	Few-Shot Learning for Multiclass Disease Detection in Azadirachta	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969911	-	-	-	2025
147	Jagadish P	2	CSE	Conference paper	AI-Based Learning Assistant Using Natural Language Processing	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969857	-	-	-	2025
148	Neetha N	4	CSE	Conference paper	Hierarchical Meta-Reinforcement Learning for Uncertainty-Aware	2nd International Conference on Machine Learning and	Scopus	-				167	172	5		10.1109/ICMLAS64557.2025.10968190	-	-	-	2025
149	Shanthi D. L	2	CSE	Conference paper	Real-Time Analysis of Biomedical Signals in IoT-Enabled Healthcare	Scopus	-									10.1109/WorldSUAS66815.2025.11199059	-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
152	Shrividya Shashidhara	6	CSE	Conference paper	Network Traffic Prediction using Deep Learning Models: Reducing Latency in	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP- SIF65618.2025.10969908	-	-	-	2025
153	Srujana S N (Research Scholar)	3	CSE(RS)	Conference paper	Music Recommendation System Based on Facial Emotion Detection	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP- SIF65618.2025.10969890	-	-	-	2025
154	A. Menaka Gowda (STUDENT)	1	CSE(S)	Conference paper	Towards Hands-Free Computing: AI Virtual Mouse Interface Powered by Gestures	Communications in Computer and Information Science	Scopus	-	2231 CCIS			26	49	23		10.1007/978-3-031-75605-4_3	-	-	-	2025
155	Aishwarya (STUDENT)	1	CSE(S)	Conference paper	Ahead of the Curve: Predictive Maintenance Solutions for Modern	Smart Innovation, Systems and Technologies	Scopus	-	433			71	83	12		10.1007/978-981-96-1348-9_6	-	-	-	2025
156	Hemaang Sood (STUDENT)	1	CSE(S)	Conference paper	Improving Face Recognition for Smart Home Security: A Study of Resnet.	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP- SIF65618.2025.10969910	-	-	-	2025
157	Dr. Archana R A	3	CSE(STU &G)	Conference paper	Decoding DeFi: A Comparative Analysis of Popular and High-Traffic		Scopus									10.1109/NMITS CON65824.2025.1118897 3	-	-	-	2025
158	Asha G Hagargund	1	ECE	Article	Cross Attention with Deep Convolutional Recurrent Autoencoder	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	3		338	350	12		10.22266/ijies2025.0430.23	Q3	N	ENG.	2025
159	Asha G. Hagargund	1	ECE	Article	Enhancing Time-Sensitive Networking resilience through SDN-based	International Journal of Intelligent Networks	Scopus	26666030	6			176	184	0		10.1016/j.ijin.2025.05.001	Q1	N	ENG.	2025
160	Dr. Dankan Gowda V	3	ECE	Article	Integrated Optimization of Dual Active Bridge Converter and Photovoltaic	SSRG International Journal of Electrical and Electronics	Scopus	23488379	12	9	-	256	268	-	-	10.14445/23488379/IJEFE-V12I9P125	Q4	N	ENG.	2025
161	Dr. Anil Kumar D	6	ECE	Article	Enhancing Image Dehazing Efficiency with Dual Colour Space Attentional	International Journal of Sensors, Wireless Communications and	Scopus	22103279								10.2174/01221032793445592410070416 02	Q4	N	ENG.	2025
162	Dr. Anil Kumar D	2	ECE	Article	Advanced Machine Learning Techniques for Prognostic Analysis in	Open Bioinformatics Journal	Scopus	18750362	18		e187503 6235611					10.2174/01187503623561192501210721 06	Q4	N	ENG.	2025
163	Dr. Anitha V R	3	ECE	Article	Simulation and Characterization of Novel Right Scalene Wearable Bowtie	Brazilian Journal of Physics	WoS	1039733	55	4	185	-	-	-		10.1007/s13538-025-01805-x	Q3	Y	N	2025
164	Dr. Anna Merine George	2	ECE	Article	REVIEW ON HUMAN-CENTRIC LIGHTING FOCUSING ON SMART	Journal of Green Building	WoS	15526100	20	2		199	225	26		10.3992/jjgh.20.2.199	Q2	N	ENG.	2025
165	Dr. Asha K	3	ECE	Article	Modeling and analysis of nanosphere structure for bio-sensing application	Microsystem Technologies	WoS	9467076	31	2	251104	327	335	8		10.1007/s00542-024-05680-5	q3	N	ENG.	2025
166	Dr. Biswaranjan Barik	1	ECE	Article	Channel Estimation for Massive MIMO-QEDM Systems Using	Transactions on Electrical and Electronic Materials	WoS	12297607						0		10.1007/s42341-025-00649-1	Q3	N	ENG.	2025
167	Dr. Dankan Gowda V	1	ECE	Article	Optimizing Configurable Logic Blocks with Advanced Error-Resilient Circuits	International Journal of Electrical and Electronics Research	Scopus	2347470X	13	2		227	236	9		10.37391/ijeer.130206	Q4	N	ENG.	2025
168	Dr. Dankan Gowda V	1	ECE	Article	A novel approach to real-time environmental monitoring and	Nanotechnology for Environmental Engineering	Scopus	23656379	10	3	45					10.1007/s41204-025-00446-4	Q2	N	CE- ENG.	2025
169	Dr. Dankan Gowda V	3	ECE	Article	Simulation and Analysis of Reversible Fault-Tolerant Gate-Based	SSRG International Journal of Electronics and Communication	Scopus	23488549	12	3		68	78	10		10.14445/23488549/IJECE-V12I3P106	Q4	N	ENG.	2025
170	Dr. Dankan Gowda V	1	ECE	Article	Optimizing homomorphic encryption for machine learning operations in	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS(O)	0252-2667	46	4		915	925			10.47974/IIOS-1817	-	N	N	2025
171	Dr. Dankan Gowda V	1	ECE	Article	Real time data fusion and mathematical modeling techniques for	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS(O)	0252-2667	46	4		1357	1368			10.47974/IIOS-1995; 10.47974/IIOS-1995	-	N	N	2025
172	Dr. Dankan Gowda V	1	ECE	Article	Real time image analytics in IoT networks: Statistical and AI models	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS(O)	0252-2667	46	4		1335	1346			10.47974/IIOS-1994; 10.47974/IIOS-1994	-	N	N	2025
173	Dr. Dankan Gowda V	1	ECE	Article	Enhancing machine learning robustness against adversarial attacks	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS(O)	0252-2667	46	4		927	937			10.47974/IIOS-1818	-	N	N	2025
174	Dr. Dankan Gowda V	1	ECE	Article	A novel cryptographic approach to evaluate the security of federated	Journal of Discrete Mathematical Sciences and Cryptography	WoS	9720529	28	5		1527	1536	0		10.47974/JDMSC-2151	Q3	N	N	2025
175	Dr. Dankan Gowda V	1	ECE	Article	Implementing secure cryptographic protocols in 5G and 6G networks	Journal of Discrete Mathematical Sciences and Cryptography	WoS	9720529	28	5		1505	1515	0		10.47974/JDMSC-2149	Q3	N	N	2025
176	Dr. Dankan Gowda V	1	ECE	Article	Homomorphic encryption performance in secure data processing	Sciences and Cryptography	WoS	9720529	28	5		1517	1526	0		10.47974/JDMSC-2150	Q3	N	N	2025
177	Dr. Dankan Gowda V	1	ECE	Article	Mathematical models for noise reduction in IoT image processing	Journal of Interdisciplinary Mathematics	Scopus	9720502	28	6		2289	2299	0		10.47974/IJM-2371	Q3	N	N	2025
178	Dr. Dankan Gowda V	1	ECE	Article	Mathematical modeling for fault detection and anomaly identification in	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS	0252-2667	46	7	-	2279	2289	-	-	10.47974/IIOS-2131	-	N	N	2025
179	Dr. Dankan Gowda V	2	ECE	Article	Enhancing IoT security through encrypted image processing for	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS	0252-2667	46	7	-	2363	2374	-	-	10.47974/IIOS-2133	-	N	N	2025
180	Dr. Dankan Gowda V	2	ECE	Article	Artificial intelligence and machine learning approaches for secure image	JOURNAL OF INFORMATION & OPTIMIZATION SCIENCES	WoS	0252-2667	46	7	-	2389	2400	-	-	10.47974/IIOS-2132	-	N	N	2025
181	Dr. Deepa N Reddy	1	ECE	Article	Performance evaluation of multicarrier quadrature phase shift keying-based	International Journal of Advances in Applied Sciences	Scopus	22528814; 27222594	14	3		693	701	0		10.11591/ijaas.v14.i3.pp693-701	Q4	N	ENG.	2025
182	Dr. Hanumantharaju M C	2	ECE	Article	Adaptive fusion of dual SRGANs and top-hat gradient domain filtering for	International Journal of Machine Learning and Cybernetics	WoS	18688071; 1868808X	-	-	-	-	-	0		10.1007/s13042-025-02799-3	Q2	Y	CS- ENG.	2025
183	Dr. Paramita Sarkar	3	ECE	Article	Unlocking treasure from fish bones: Bioinspired hydroxyapatite synthesis	International Journal of Materials Research	WoS	18625282	116	3	-	173	182	9		10.1515/ijmr-2024-0190	Q3	Y	N	2025
184	Dr. Paramita Sarkar	1	ECE	Article	An experimental study on calcium doped CH3NH3PbBr1-x)CaxCl3	Materials Science and Engineering: B	Scopus	9215107	314		118069					10.1016/j.mseb.2025.118069	Q1	N	ENG.	2025
185	Dr. Rashmi N	1	ECE	Article	Inner Selection Learning Strategy with Chameleon Swarm Optimization	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	1		547	558	11		10.22266/ijies2025.0229.38	Q3	N	ENG.	2025
186	Dr. Sabina Rahaman	3	ECE	Article	Chalcogenide p-type absorber layer studies of spray pyrolyzed CuZnS thin	Optical Materials	Scopus	9253467	164	-	117036	-	-	-		10.1016/j.optmat.2025.117036	Q1	Y	ENG.	2025
187	Dr. Sabina Rahaman	1	ECE	Article	Optimization of CTS thin film solar cell: A numerical investigation based	Physica B: Condensed Matter	WoS	9214526	698		416751					10.1016/j.physb.2024.416751	Q2	N	ENG.	2025
188	Dr. Saritha I G	1	ECE	Article	Optimized data security and storage using improved blowfish and modular	IAES International Journal of Artificial Intelligence	Scopus	22528938; 20894872	14	4		2667	2675	0		10.11591/ijai.v14.i4.pp2667-2675	Q2	N	ENG.	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
189	Dr. SatheeshKumar P	1	ECE	Article	Modeling of Inscribed Dual Band Circular Fractal Antenna for Wi-Fi	Engineering Reports	WoS	25778196	7	1	e13019					10.1002/eng2.13019	Q2	N	ENG.	2025
190	Dr. SatheeshKumar P	1	ECE	Article	Hybrid CNN-GNN Framework for Enhanced Optimization and Design and Development of a	International Journal of Communication Systems	WoS	10745351	38	3	e6105	-	-	-		10.1002/dac.6105	Q2	Y	ENG.	2025
191	Dr. SatheeshKumar P	1	ECE	Article	Shamrock Leaf-Shaped Fractal Edge Based Intelligent Secured Vehicle Filtering and Tracking System Using A novel Hadamard matrix based	International Journal of Intelligent Transportation Systems Research	Scopus	2210142X	18	1						10.12785/ijcds/1570998621	Q3	N	CS- ENG.	2025
192	Dr. SatheeshKumar P	2	ECE	Article	hybrid compressive sensing technique	Scientific Reports	Scopus	13488503	23	1		330	353	23		10.1007/s13177-024-00452-x	Q2	N	N	2025
193	Dr. SatheeshKumar P	3	ECE	Article	A novel approach to low-light image and video enhancement using adaptive	Computers and Electrical Engineering	WoS	20452322	15	1	5937	-	-	-		10.1038/s41598-025-88712-y	Q1	Y	N	2025
194	Dr. Shobha Rani A	2	ECE	Article	Diabetic Retinopathy Detection Using Dynamic Deformable Convolutional	International Journal of Intelligent Engineering and Systems	Scopus	457906	123		110052					10.1016/j.compeleceng.2024.110052	Q1	N	ENG.	2025
195	Dr. Thejaswini S	1	ECE	Article	CRETA: Cross-layer RPL with Efficient Trickle and Adaptive Radio Duty Cycle	Journal of Communications Software and Systems	WoS	21853118; 2185310X	18	6		740	753	0		10.22266/ijies.2025.0731.46	Q3	N	ENG.	2025
196	Soumya S Vastrad	1	ECE	Article	Performance of 6 × 6 CNT transistor array using composite nanomaterials	Physical Sciences Reviews	WoS	18456421	21	4		372	382	0		10.24138/jcomss-2024-0094	Q3	N	ENG.	2025
197	Dr. Anitha V R	1	ECE	Article(Review)	Integration of UAVs and Robotics in Infrastructure Inspection and		Scopus	2365659X	10	1-2		141	149	0		10.1515/psr-2024-0029	Q3	N	N	2025
198	Dr. Dankan Gowda V	1	ECE	Book chapter	Machine Learning Approaches for Predictive Maintenance in		Scopus					215	241			10.4018/979-8-3373-5248-0.ch009	-	-	-	2025
199	Dr. Dankan Gowda V	2	ECE	Book chapter	Wireless Sensor Networks for Real-Time Infrastructure Monitoring and		Scopus					321	349			10.4018/979-8-3373-5248-0.ch013	-	-	-	2025
200	Dr. Dankan Gowda V	3	ECE	Book chapter	AI and IIoT Enabling Smart Connectivity and Automation in		Scopus					409	433			10.4018/979-8-3373-5248-0.ch017	-	-	-	2025
201	Dr. Dankan Gowda V	1	ECE	Book chapter	Integrating AI in RADAR remote sensing: enhancing data processing,		Scopus					1	29			10.4018/979-8-3373-2282-7.ch001	-	-	-	2025
202	Dr. Dankan Gowda V	1	ECE	Book chapter	Artificial intelligence in RADAR remote sensing: advances, challenges,		Scopus					141	154			10.1515/978311572970-009	-	-	-	2025
203	Dr. Dankan Gowda V	1	ECE	Book chapter	IoT and Mobile Robotics Integration for Transforming Smart	Design and Optimization of Mobile Robotics for Industry 5.0	Scopus					215	228			10.1515/978311572970-014	-	-	-	2025
204	Dr. Dankan Gowda V	1	ECE	Book chapter	Advancing Design Principles for Industry 5.0 with a Focus on Human-		Scopus					87	114			10.1002/9781394385027.ch5	-	-	-	2025
205	Dr. Dankan Gowda V	1	ECE	Book chapter	Sustainability and Resilience in Industry 5.0: Leveraging Machine		Scopus					1	24			10.4018/979-8-3693-6180-1.ch009	-	-	-	2025
206	Dr. Dankan Gowda V	1	ECE	Book chapter	Innovative Approaches to Designing and Optimizing Mobile Robotics for		Scopus					303	325			10.4018/979-8-3373-0330-7.ch001	-	-	-	2025
207	Dr. Dankan Gowda V	3	ECE	Book chapter	Revolutionizing patient care through the convergence of IoMT and	Convergence of Internet of Medical Things (IoMT) and Integrating Intelligent Control Systems With Sensor	Scopus	-				217	242	25		10.4018/979-8-3373-0330-7.ch008	-	-	-	2025
208	Dr. Dankan Gowda V	1	ECE	Book chapter	Future trends in IoT, control systems, and remote sensing integration for	Integrating Intelligent Control Systems With Sensor	Scopus	-				1	28	27		10.4018/979-8-3693-7758-1.ch011	-	-	-	2025
209	Dr. Dankan Gowda V	1	ECE	Book chapter	Wireless sensor networks for intelligent control systems in smart	Exploiting Machine Learning for Robust Security	Scopus	-				239	258	19		10.4018/979-8-3693-7250-0.ch001	-	-	-	2025
210	Dr. Dankan Gowda V	1	ECE	Book chapter	Cybersecurity measures for protecting mental health in the digital age	Expert Artificial Neural Network Applications for Science and Convergence of Internet of Medical Things (IoMT) and	Scopus	-				233	261	28		10.4018/979-8-3693-6725-4.ch002	-	-	-	2025
211	Dr. Dankan Gowda V	1	ECE	Book chapter	Advanced applications of artificial neural networks in scientific research	5G/6G Advancements in Communication Technologies for Multimodal Data Fusion for Bioinformatics Artificial	Scopus	-				83	113	30		10.1002/9781394269969.ch12	-	-	-	2025
212	Dr. Dankan Gowda V	1	ECE	Book chapter	Transforming healthcare with IoMT and generative AI: Innovations and	Integrating Intelligent Control Systems With Sensor	Scopus	-				21	49	28		10.1002/9781394269969.ch8	-	-	-	2025
213	Dr. Dankan Gowda V	1	ECE	Book chapter	Future Proofing Agile Management With 5G/6G Advancements	Computer Vision Techniques for Agricultural Advancements	Scopus	-				247	282	35		10.4018/979-8-3693-8019-7.ch001	-	-	-	2025
214	Dr. Dankan Gowda V	1	ECE	Book chapter	Future Directions and Emerging Trends in Multimodal Data Fusion for	Addressing B5G and 6G Network Connectivity Issues in Rural	Scopus	-				1	29	28		10.4018/979-8-3693-7788-8.ch005	-	-	-	2025
215	Dr. Dankan Gowda V	1	ECE	Book chapter	Machine Learning Approaches for Integrating Imaging and Molecular	Multimodal Data Fusion for Bioinformatics Artificial	Scopus	-				109	138	29		10.1002/9781394269969.ch6	-	-	-	2025
216	Dr. Dankan Gowda V	1	ECE	Book chapter	Automating Agricultural Processes With Computer Vision: Challenges and	Addressing B5G and 6G Network Connectivity Issues in Rural	Scopus	-				103	126	23		10.4018/979-8-3693-7888-8.ch007	-	-	-	2025
217	Dr. Dankan Gowda V	1	ECE	Book chapter	Addressing Network Connectivity Issues in Rural Areas: The Role of B5G		Scopus	-				157	182	25		10.4018/979-8-3373-5137-7.ch004	-	-	-	2025
218	Dr. Dankan Gowda V	1	ECE	Book chapter	Integrating IoT, Blockchain, and Quantum Machine Learning:		Scopus	-				97	121			10.4018/979-8-3373-5137-7.ch012	-	-	-	2025
219	Dr. Dankan Gowda V	1	ECE	Book chapter	Enhancing Rural Connectivity Strategies for B5G and 6G		Scopus	-				353	383			10.4018/979-8-3373-1087-9.ch002	-	-	-	2025
220	Dr. Dankan Gowda V	1	ECE	Book chapter	Real-time disease prediction with machine learning algorithms		Scopus	-				35	62			10.4018/979-8-3693-7383-5.ch002	-	-	-	2025
221	Dr. Dankan Gowda V	1	ECE	Book chapter	AI and IoT synergy transforming medical technology and patient care		Scopus	-				53	74			10.4018/979-8-3373-1434-1.ch011	-	-	-	2025
222	Dr. Dankan Gowda V	1	ECE	Book chapter	Foundations of integrative machine learning and optimization for disease		Scopus	-				315	342	0	0	10.1002/9781394275274.ch6	-	-	-	2025
223	Dr. Dankan Gowda V	1	ECE	Book chapter	Advancing e-waste management: Integrative methods and practices		Scopus	-				101	123	0	0		-	-	-	2025
224	Dr. Dankan Gowda V	1	ECE	Book chapter	Optimization of Solar Energy Systems Using Deep Learning		Scopus	-									-	-	-	2025
225	Dr. Dankan Gowda V	1	ECE	Book chapter	Predicting the Flow with Machine Learning Algorithms for Advanced		Scopus	-									-	-	-	2025
226	Dr. Dankan Gowda V	1	ECE	Book chapter			Scopus	-									-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
227	Dr. Dankan Gowda V	1	ECE	Book chapter	Green Routes Building the Backbone for Electric Vehicle Charging		Scopus	-				159	191	0	0	10.1002/9781394275274.ch8	-	-	-	2025
228	Dr. Dankan Gowda V	1	ECE	Book chapter	Future Trends in V2X Communication and Interoperability		Scopus	-				217	239	0	0	10.1002/9781394275274.ch10	-	-	-	2025
229	Dr. Dankan Gowda V	1	ECE	Book chapter	Secure Routes and Cybersecurity Challenges in Autonomous Mobility		Scopus	-				125	158	0	0	10.1002/9781394275274.ch7	-	-	-	2025
230	Dr. Dankan Gowda V	1	ECE	Book chapter	Accelerating Connections with 5G and Evolution of Vehicle Communication		Scopus	-				79	100	0	0	10.1002/9781394275274.ch5	-	-	-	2025
231	Dr. Dankan Gowda V	1	ECE	Book chapter	AI-Based Solutions for Future Trends in IoT and Remote Sensing Integration		Scopus	-				19	44	0	0	10.4018/979-8-3693-7994-3.ch002	-	-	-	2025
232	Dr. Paramita Sarkar	3	ECE	Book chapter	Design and numerical investigations of ITO/SnO ₂ /CdS/CH ₃ NH ₃ SnI ₃ /CuSCN/	Recent Trends in VLSI and Semiconductor Packaging	Scopus	-				126	132	6		10.1201/9781003616399-16	-	-	-	2025
233	Dr. Vijayalakshmi G V	1	ECE	Book chapter	Developing a deep learning-based framework for realtime anomaly		Scopus					203	225			10.4018/979-8-3373-0245-4.ch008	-	-	-	2025
234	Mrs. Shilpa Hiremath	1	ECE	Book chapter	Collaborative Intelligence: Blending Human Insight With Machine		Scopus					107	145			10.4018/979-8-3373-2985-7.ch005	-	-	-	2025
235	Paramita Sarkar	1	ECE	Book chapter	Optimizing CMOS inverter characteristics with evolutionary	Exploring the Intricacies of Digital and Analog VLSI	Scopus	-				183	210	27		10.4018/979-8-3693-8084-0.ch006	-	-	-	2025
236	Saneesh Cleatus	1	ECE	Book chapter	Time Series Analysis from Classical Methods to Transformer-Based		Scopus					51	104			10.1007/978-3-031-88024-7_2	-	-	-	2025
237	Dr. Dankan Gowda V	1	ECE	Book chapter	Data Collection and Analysis for Real- Time Secure Energy Monitoring and		Scopus					381	412			10.1002/9781394271849.ch15	-	-	-	2025
238	Dr. Dankan Gowda V	1	ECE	Book chapter	IoT-Enabled Energy Storage Systems: Challenges and Solutions		Scopus					135	163			10.1002/9781394271849.ch6	-	-	-	2025
239	Dr. Dankan Gowda V	2	ECE	Conference paper	A novel approach to addressing challenges and solutions in designing	AIP Conference Proceedings	Scopus		3343	1	0292789					10.1063/5.0292789	-	-	-	2025
240	Dr. Anitha M	3	ECE	Conference paper	Real-Time Smart Aquarium Monitoring System Driven by IoT	1st International Conference on Sustainable Energy Technologies	Scopus	-								10.1109/SETCOM64758.2025.10932603	-	-	-	2025
241	Dr. Anitha V R	1	ECE	Conference paper	Quadcopter Drone for Surveillance, Monitoring and Emergency Medicine	AIP Conference Proceedings	Scopus	-	3137	1	20044					10.1063/5.0263303	-	-	-	2025
242	Dr. Anitha V R	1	ECE	Conference paper	Antenna for Telemedicine: Miniaturized Lotus Shaped Printed		Scopus	-						0	0	10.1109/SPAC65882.2025.11171440	-	-	-	2025
243	Dr. Anna Merine George	2	ECE	Conference paper	Design of Wide Neural Network Model for Controlling Tunable LED	2025 5th International Conference on Advances in Electrical,	Scopus	-								10.1109/ICAECT63952.2025.10958914	-	-	-	2025
244	Dr. Anna Merine George	3	ECE	Conference paper	AI-Based Control of Setpoint Temperature for Electric Vehicle Cabin		Scopus	-								10.1109/AMATHE65477.2025.11081195	-	-	-	2025
245	Dr. Asha K	1	ECE	Conference paper	Analysis of SPR Waveguide Sensor with Different Dielectric Layer	Lecture Notes in Electrical Engineering	Scopus	-	1382 LNEE			521	530			10.1007/978-981-96-3758-4_44	-	-	-	2025
246	Dr. Dankan Gowda V	3	ECE	Conference paper	Autonomous Fire-Fighting Robot with Night Vision Capabilities	Proceedings of International Conference on Visual Analytics	Scopus	-				594	600	6		10.1109/ICVADV63329.2025.10961550	-	-	-	2025
247	Dr. Dankan Gowda V	2	ECE	Conference paper	A Novel Approach to Enhancing IoT and Wireless Sensor Network		Scopus	-				788	794			10.1109/ICIMA64861.2025.11073873	-	-	-	2025
248	Dr. Dankan Gowda V	1	ECE	Conference paper	Advanced Sliding Mode Control for Stopping Distance Optimization in IoT-		Scopus	-				744	749			10.1109/ICIMA64861.2025.11073915	-	-	-	2025
249	Dr. Dankan Gowda V	5	ECE	Conference paper	Optimizing IoT Sensor Networks with a Novel Machine Learning Method for		Scopus	-				922	927			10.1109/ICIMA64861.2025.11074058	-	-	-	2025
250	Dr. Dankan Gowda V	3	ECE	Conference paper	Optimizing Sentiment Analysis in Social Media with a Machine Learning		Scopus	-				138	143			10.1109/ICICV64824.2025.11085944	-	-	-	2025
251	Dr. Dankan Gowda V	2	ECE	Conference paper	Real-Time UV Exposure and Vitamin D Tracking for Personalized Health		Scopus	-				7	13			10.1109/ICICV64824.2025.11085538	-	-	-	2025
252	Dr. Dankan Gowda V	3	ECE	Conference paper	MATLAB Simulation of Intelligent Routing in Wireless Sensor Networks		Scopus	-				619	625			10.1109/ICSSA566150.2025.11081029	-	-	-	2025
253	Dr. Dankan Gowda V	2	ECE	Conference paper	Optimizing Automobile Purchase Decisions in India using Machine		Scopus	-				779	785			10.1109/ICSSA566150.2025.11080757	-	-	-	2025
254	Dr. Dankan Gowda V	3	ECE	Conference paper	Design and Implement a Low Power Wireless Sensor Node Using CMOS		Scopus	-				1508	1514			10.1109/ICICI65870.2025.11069544	-	-	-	2025
255	Dr. Dankan Gowda V	3	ECE	Conference paper	Design and Implementation of an Automated Seed Sowing Robot with		Scopus	-								10.1109/ICFES62006.2025.11031476	-	-	-	2025
256	Dr. Dankan Gowda V	5	ECE	Conference paper	Maximizing Energy Efficiency in Wireless Sensor Networks for IoT		Scopus	-				448	454			10.1109/ICPCSNG65854.2025.11034847	-	-	-	2025
257	Dr. Dankan Gowda V	2	ECE	Conference paper	Optimizing Environmental Monitoring in Smart Urban Areas with IoT-		Scopus	-				455	460			10.1109/ICPCSNG65854.2025.11035285	-	-	-	2025
258	Dr. Dankan Gowda V	1	ECE	Conference paper	Design and Simulation of IoT-Enabled Bang-Bang Controller for Optimizing		Scopus	-				102	107			10.1109/ICPCSNG65854.2025.11035809	-	-	-	2025
259	Dr. Dankan Gowda V	1	ECE	Conference paper	A Control System Framework for IoT- Integrated Autonomous Vehicles with	Lecture Notes in Networks and Systems	Scopus	-	1379 LNNS			449	459	0	0	10.1007/978-981-96-5784-1_36	-	-	-	2025
260	Dr. Dankan Gowda V	1	ECE	Conference paper	Signal Processing Techniques in IoT with a Deep Learning-Based Approach	Lecture Notes in Networks and Systems	Scopus	-	1379 LNNS			473	484	0	0	10.1007/978-981-96-5784-1_38	-	-	-	2025
261	Dr. Dankan Gowda V	1	ECE	Conference paper	Real-Time Image Processing in IoT Devices with a Machine Learning	Lecture Notes in Networks and Systems	Scopus	-	1379 LNNS			461	471	0	0	10.1007/978-981-96-5784-1_37	-	-	-	2025
262	Dr. Dankan Gowda V	1	ECE	Conference paper	Machine Learning-Driven Image Recognition Systems for IoT-	Lecture Notes in Networks and Systems	Scopus	-	1379 LNNS			485	495	0	0	10.1007/978-981-96-5784-1_39	-	-	-	2025
263	Dr. Dankan Gowda V	3	ECE	Conference paper	Predictive Accuracy of Machine Learning Models in Early Detection of		Scopus	-				493	501	0	0	10.1109/ICSCDS65426.2025.11167205	-	-	-	2025
264	Dr. Dankan Gowda V	3	ECE	Conference paper	Deep Learning-Driven Facial Emotion Recognition with GANs for Optimizing		Scopus	-				1610	1617	0	0	10.1109/ICSCDS65426.2025.11166810	-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
265	Dr. Deepa N Reddy	1	ECE	Conference paper	Wireless EV On Road Charging System (WEVOS)	2025 IEEE International Students' Conference on Electrical,	Scopus	-								10.1109/SCFECS64059.2025.10940460	-	-	-	2025
266	Dr. Rashmi N	2	ECE	Conference paper	Integration of PIN Diodes for Beam Steering in Compact Microstrip	3rd International Conference on Integrated Circuits and	Scopus	-								10.1109/CICACS65178.2025.10967919	-	-	-	2025
267	Dr. Vijayalakshmi G V	1	ECE	Conference paper	Regression Model Approach Towards Concrete Compressive Strength	Communications in Computer and Information Science	Scopus	-	2203 CCIS			72	83	11		10.1007/978-3-031-73068-9_7	-	-	-	2025
268	Laxmisagar H S	1	ECE	Conference paper	Crop Sentry: AI-Enhanced Protection for Agriculture Field		Scopus					17	22			10.1109/MPCIT62449.2024.10892761	-	-	-	2025
269	Dr. Dankan Gowda V	5	ECE	Conference paper	IoT-based Energy Management for Smart Grids and Integration of		Scopus					1092	1097			10.1109/ICESC65114.2025.11212222	-	-	-	2025
270	Dr. Dankan Gowda V	5	ECE	Conference paper	An AI and IoT-based Intrusion Detection System for Enhanced Smart		Scopus					1086	1091			10.1109/ICESC65114.2025.11212416	-	-	-	2025
271	Vishnu Gowda H P (STUDENT)	1	ECE	Conference paper	Marine Robot for Underwater Surveillance	2025 IEEE International Students' Conference on Electrical,	Scopus	-								10.1109/SCFECS64059.2025.10941075	-	-	-	2025
272	Jagannatha K B	3	ECE	Editorial Material	Switching and thermal behaviour of Cu and Sn doped Si-Te glasses: a	PHYSICS AND CHEMISTRY OF GLASSES-EUROPEAN JOURNAL	WoS	1753-3570	66	4	-	157	157	-	-	10.13036/17533562.66.4.AM45	Q4	N	N	2025
273	Dr. Ambika R	2	ECE(RS& G)	Article	Multi-constraints Reinforcement Learning Driven Self-Configurable	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	8	-	184	208	-	-	10.22266/ijies2025.0930.13	Q3	N	ENG.	2025
274	Hanumantharaju M C	2	ECE(RS& G)	Conference paper	IoT-Based Lung Anomaly Detection System Utilizing Machine Learning	Lecture Notes in Electrical Engineering	Scopus		1428 LNEE			463	473			10.1007/978-981-96-7222-6_38	-	-	-	2025
275	C. P. Achyutha Gowda (Student+Other Institute)	3	ECE(S)	Article	Fused YOLO and Traditional Features for Emotion Recognition From Facial	IEEE Access	WoS	21693536	13	-	-	86828	86840	12		10.1109/ACCESS.2025.3569771	Q1	Y	ENG.	2025
276	Chandra Prabha R	1	ECE(STU &G)	Conference paper	Radiological Analysis with CNN for Respiratory Diseases		Scopus					321	326			10.1109/MPCIT62449.2024.10892702	-	-	-	2025
277	Dr. Babu Naik Gugulothu	1	EEE	Article	A practical case study on effect of moisture ingress in power cables and	Engineering Research Express	Scopus	26318695	7	1	15313					10.1088/2631-8695/ada5a9	Q2	N	ENG.	2025
278	Dr. Babu Naik Gugulothu	1	EEE	Article	Assessing moisture content in XLPE power cables using frequency-	Materials Research Express	Scopus	20531591	12	2	25301	-	-	-		10.1088/2053-1591/adae5c	Q2	Y	N	2025
279	Dr. Manjunath Babu P	1	EEE	Article	A Hybrid Technique for Estimating the State of Health of Lithium-Ion	Optimal Control Applications and Methods	WoS	1432087	46	3		1120	1134	14		10.1002/oca.3248	Q2	N	ENG.	2025
280	Dr. Prashantha N A	1	EEE	Article	Development of Sustainable Okra Fiber-Nano-SiO ₂ -reinforced Epoxy	Journal of Environmental Nanotechnology	Scopus	22790748	14	2		145	161	0		10.13074/jent.2025.06.2511437	Q4	N	N	2025
281	Dr. Babu Naik Gugulothu	1	EEE	Conference paper	Wireless Technology-Based Charging System for Electric Vehicles	Lecture Notes in Electrical Engineering	Scopus	-	1398 LNEE			475	486			10.1007/978-981-96-4679-1_37	-	-	-	2025
282	Dr. Babu Naik Gugulothu	6	EEE	Conference paper	Exploring the Thermal Runaway Mechanism in High-Energy Lithium-		Scopus	-				352	356			10.1109/INCIP64058.2025.11019945	-	-	-	2025
283	Dr. Babu Naik Gugulothu	6	EEE	Conference paper	Next-Gen Smart Energy Solutions: Meta-Principles for Building		Scopus	-				255	261			10.1109/INCIP64058.2025.11019025	-	-	-	2025
284	Dr. Babu Naik Gugulothu	6	EEE	Conference paper	A Robust BMS Framework for DC Fast Charging in Smart Grid-		Scopus	-				268	273			10.1109/INCIP64058.2025.11020094	-	-	-	2025
285	Dr. Madhu Palati	2	EEE	Conference paper	Optimizing Urban Traffic with Image Processing: A New Era of	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969865	-	-	-	2025
286	Dr. Madhu Palati	1	EEE	Conference paper	A Novel Method to Detect the Faults in an Underground Cable Using Robot	Communications in Computer and Information Science	Scopus	-	2185 CCIS			346	355	9		10.1007/978-3-031-71484-9_29	-	-	-	2025
287	Dr. Madhu Palati	2	EEE	Conference paper	Driver Drowsy Detection System Using Machine Learning and Open CV	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969921	-	-	-	2025
288	Dr. Madhu Palati	1	EEE	Conference paper	Design of a Smart Braking System Using Microcontroller for Dual	Lecture Notes in Electrical Engineering	Scopus	-	1381 LNEE			353	363			10.1007/978-981-96-3644-0_28	-	-	-	2025
289	Dr. Madhu Palati	4	EEE	Conference paper	IoT Based Smart Safety System for Women's Protection		Scopus	-				441	444			10.1109/INCIP64058.2025.11020103	-	-	-	2025
290	Dr. Madhu Palati	6	EEE	Conference paper	Framework for MR-iFLY Autonomous UAS Navigation and Collision		Scopus	-				346	351			10.1109/INCIP64058.2025.11019243	-	-	-	2025
291	Dr. Madhu Palati	6	EEE	Conference paper	Revolutionizing Transistor Modeling: ANN-Based Compact Models for		Scopus	-				327	332			10.1109/INCIP64058.2025.11018960	-	-	-	2025
292	Dr. Madhu Palati	6	EEE	Conference paper	Optimizing V2V Communication in 5G/6G Networks with Enhanced Deep		Scopus	-				304	309			10.1109/INCIP64058.2025.11019260	-	-	-	2025
293	Dr. Manjunath Babu P	2	EEE	Conference paper	Design & Simulation for 2kW EV Charger Using MATLAB SIMULINK	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969861	-	-	-	2025
294	Dr. Sanjay Lakshminarayanan	1	EEE	Conference paper	An MPPT Charge Controller for Solar PV Installations Using the Incremental	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969962	-	-	-	2025
295	Ozwin Dominic D'Souza	6	EEE	Conference paper	A Practical Approach to Smart City Service Integration Using SOA and 6G		Scopus	-				425	429			10.1109/INCIP64058.2025.11020122	-	-	-	2025
296	Ozwin Dominic D'Souza	6	EEE	Conference paper	Achieving High QoS in Smart Grids Through Priority-Based Data		Scopus	-				489	494			10.1109/INCIP64058.2025.11020222	-	-	-	2025
297	Shilpa G	6	EEE	Conference paper	ML-Based Modeling and Prediction of RF-EMF Exposure in mmWave 5G		Scopus	-				375	380			10.1109/INCIP64058.2025.11019809	-	-	-	2025
298	Shilpa G	6	EEE	Conference paper	Optimizing 5G Network Performance Through Comprehensive Microwave		Scopus	-				368	374			10.1109/INCIP64058.2025.11018942	-	-	-	2025
299	Dr. Banuprakash R	1	ETE	Article	A Miniaturized Octagonal Antenna with CPW Feed for WLAN Satellite	SSRG International Journal of Electronics and Communication	Scopus	23488549	12	2		65	72	7		10.14445/23488549/IJECE-V12I2P106	Q4	N	ENG.	2025
300	Dr. Prathiba N	1	ETE	Article	A NOVEL APPROACH TO IMPROVE ROUTING PERFORMANCE IN	Journal of Theoretical and Applied Information Technology	Scopus	19928645	103	2		538	546	8		https://www.iajit.org/volumes/Vol103No2/13Vol103No2.pdf	Q4	N	CS- ENG.	2025
301	Dr. Raju Hajare	4	ETE	Article	Spiral Elite Learning with Gazelle Optimization Algorithm Based Secure	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	1		596	607	11		10.22266/ijies2025.0229.42	Q3	N	ENG.	2025
302	Dr. Saritha I G	3	ETE	Article	Robust Direction-of-Arrival Estimation using improved Coprime	Engineering, Technology and Applied Science Research	Scopus	22414487	15	1		20285	20290	5		10.48084/etasr.9042	Q2	N	ENG.	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
303	Dr. Siddiq Iqbal	1	ETE	Article	Secure authentication and key management based on hierarchical TRUST-ENHANCED SECURE	Wireless Networks	WoS	10220038	31	1	-	127	147	20		10.1007/s11276-024-03745-x	Q2	Y	ENG.	2025
304	Dr. Sowmyashree M S	1	ETE	Article	CLUSTER ROUTING IN WIRELESS IoT and Machine Learning for Smart Applications	Journal of Theoretical and Applied Information Technology	Scopus	19928645	103	3		916	925	9			Q4	N	CS-ENG.	2025
305	Dr. Raju Hajare	4	ETE	Book	CPS Secured Hybridization Technique for Healthcare in Smart Cities	Smart Applications	Scopus	-				1	198	197		10.1201/9781032623276	-	-	-	2025
306	Dr. Saritha I G	1	ETE	Book chapter	Secure Adaptive Cluster-Based Routing Using Modified Cuckoo	5G Green Communication Networks For Smart Cities	Scopus	-				77	93	16			-	-	-	2025
307	Dr. Sowmyashree M S	1	ETE	Book chapter	Real-time planning and decision making with brain-computer interface	Networks For Smart Cities	Scopus	-				55	75	20			-	-	-	2025
308	Dr. Sumathi M S	2	ETE	Book chapter	Pothole Detection: Machine Learning and Computer Vision Approach	Concepts and Applications of Brain Computer Interfaces	Scopus	-				475	486	11		10.4018/979-8-3693-7427-6.ch029	-	-	-	2025
309	Dr. Mallikarjuna Gowda C P	3	ETE	Conference paper	SKDeITNet: Irregular Scene Text Recognition Using Sparse Attention	Proceedings of 2025 International Conference on Computing for International Journal of Intelligent Engineering and Systems	Scopus	-								10.1109/COMP-SIF65618.2025.10969897	-	-	-	2025
310	Dr. Seema Singh	2	ETE(RS&G)	Article	Autism Spectrum Disorder Prediction Using TSM-BFC and a Combined	Engineering and Systems	Scopus	2185310X	18	11	-	795	809	-	-	10.22266/ijies2025.1231.49	Q3	N	ENG.	2025
311	Ambika Rani Subash	1	ISE	Article	A Novel Deep Multi-scale Convolutional Neural Network for	Engineering, Technology and Applied Science Research	Scopus	17928036	15	5	-	26511	26516	-	-	10.48084/etasr.12757	Q2	N	ENG.	2025
312	Bhagyalakshmi G	6	ISE	Article	Enhancing breast cancer detection: Integrating deep learning with	SN Computer Science	Scopus	2662-995X	6	8	944	-	-	-	-	10.1007/s42979-025-04479-z	Q2	N	CS-ENG.	2025
313	Bhavya G	1	ISE	Article	A Smart Intelligent Internet of Things Framework for Predicting Mental	International Journal of System Assurance Engineering and	Scopus	09756809; 09764348						0		10.1007/s13198-025-02981-4	Q2	N	ENG.	2025
314	Bhavya G	3	ISE	Article	Multi-Factor Authentication and Secure Multi-Party Computation for	Advanced Theory and Simulations	WoS	25130390	-	-	-	-	-	0		10.1002/adts.202500048	Q1	Y	N	2025
315	Dr. Arun Kumar B R	2	ISE	Article	Wireless sensor networks based efficient drip irrigation monitoring	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	4		644	657	13		10.22266/ijies2025.0531.42	Q3	N	ENG.	2025
316	Dr. Basavaraj G N	2	ISE	Article	Machine Learning-enhanced Direction-of-Arrival Estimation for Coherent and	International Journal of Electrical and Computer Engineering	Scopus	20888708	15	1		677	688	11		10.11591/ijeece.v15i1.pp677-688	Q3	N	ENG.	2025
317	Dr. Basavaraj G N	1	ISE	Article	Optimizing Wireless Sensor Networks with Machine Learning-Based	Engineering, Technology and Applied Science Research	Scopus	22414487	15	2		20647	20652	5		10.48084/etasr.9494	Q2	N	ENG.	2025
318	Dr. Basavaraj G N	1	ISE	Article	Neural network-assisted carbon nanotube electrochemical sensors for	Mathematical Modelling of Engineering Problems	Scopus	23690739	12	3		982	990	8		10.18280/MMEP.120324	Q3	N	ENG.	2025
319	Dr. Basavaraj G N	3	ISE	Article	Analysis of software-defined radio for optical network	Microchemical Journal	WoS	0026265X	218	-	115413	-	-	0		10.1016/j.microc.2025.115413	Q1	Y	N	2025
320	Dr. Chandrashekhara K T	3	ISE	Article	Efficient hybrid signal detection for optical NOMA with 512-OAM in	Journal of Optical Communications	Scopus	1734911						0		10.1515/joc-2024-0274	Q3	N	ENG.	2025
321	Dr. Chandrashekhara K T	2	ISE	Article	Optimized Classification with CBGRU-CapNet on Thermographic Analysis to	Journal of Optical Communications	Scopus	01734911						0		10.1515/joc-2025-0136	Q3	N	ENG.	2025
322	Dr. Gireesh Babu C N	2	ISE	Article	Analysis of PAPR reduction algorithms for optical OFDM 5G radio waveform	Journal of Biomedical Photonics and Engineering	Scopus	24112844	11	1	10306					10.18287/JBPE.25.11.010306	Q4	N	ENG.	2025
323	Dr. Gireesh Babu C N	3	ISE	Article	Early Detection of Cancerous Cells Using One-Dimensional	Journal of Optical Communications	Scopus	1734911								10.1515/joc-2024-0276	Q3	N	ENG.	2025
324	Dr. Gireesh Babu C N	1	ISE	Article	Deep Learning-Based Automated Classification of Skin Lesions Using	Nano	WoS	17932920	-	-	2550062	-	-	-		10.1142/S1793292025500626	Q3	Y	N	2025
325	Dr. Gireesh Babu C N	2	ISE	Article	Optimizing and securing electric vehicle charging infrastructure for	SN Computer Science	Scopus	26618907; 2662995X	6	7	846			0		10.1007/s42979-025-04375-6	Q2	N	CS-ENG.	2025
326	Dr. Harish Kumar N	1	ISE	Article	Optimized Image Compression Using Multiple Compressed Sensing	International Journal of System Assurance Engineering and	WoS	09756809; 09764348						0		10.1007/s13198-025-02994-z	Q2	N	ENG.	2025
327	Dr. Mohan B A	2	ISE	Article	Adaptive QoS Policies in Smart City Mobile Networks	SN Computer Science	Scopus	2662995X	6	4	376					10.1007/s42979-025-03932-3	Q2	N	CS-ENG.	2025
328	Dr. Mohan B A	3	ISE	Article	Enhancing Content-based Image Retrieval Performance through	Journal of Internet Services and Information Security	Scopus	21822069	15	2		160	172	0		10.58346/IJISIS.2025.I2.012	Q2	N	ENG.	2025
329	Dr. Narasimha Murthy M S	2	ISE	Article	Relevance-Aware Content-based Image Retrieval using Deep Hybrid	Engineering, Technology and Applied Science Research	Scopus	22414487	15	3		23783	23789	6		10.48084/etasr.10974	Q2	N	ENG.	2025
330	Dr. Narasimha Murthy M S	2	ISE	Article	TWFSL-MM: Few-Shot Learning using Meta-Learning and Metric-	Engineering, Technology and Applied Science Research	Scopus	22414487	15	3		22976	22982	6		10.48084/etasr.10767	Q2	N	ENG.	2025
331	Dr. Narasimha Murthy M S	2	ISE	Article	Harnessing deep learning for medicinal plant research: a comprehensive study	Engineering, Technology and Applied Science Research	Scopus	22414487	15	2		21129	21135	6		10.48084/etasr.9886	Q2	N	ENG.	2025
332	Dr. Narasimha Murthy M S	2	ISE	Article	Intrusion Detection System using Hybrid Reverse - Binary Meerkat	International Journal of Electrical and Computer Engineering	Scopus	20888708	15	1		908	920	12		10.11591/ijeece.v15i1.pp908-920	Q3	N	ENG.	2025
333	Dr. Narasimha Murthy M S	2	ISE	Article	Deep spatio-textural feature driven multi-constraints pool-based active	International Journal of Intelligent Engineering and Systems	Scopus	2185310X	18	4		392	402	10		10.22266/ijies2025.0531.25	Q3	N	ENG.	2025
334	Dr. Narasimha Murthy M S	2	ISE	Article	Integrating Technical, Temporal, and Sentiment Cues: A Hybrid Deep	International Journal of Remote Sensing	Scopus	1431161	46	6	-	2611	2645	34		10.1080/01431161.2025.2457128	Q2	Y	N	2025
335	Dr. Prakash G L	2	ISE	Article	Location-Based Access Control for Privacy in Mobile Internet Systems	International Journal of Intelligent Engineering and Systems	Scopus	21853118; 2185310X	18	10		901	915	0		10.22266/ijies2025.1130.57	Q3	N	ENG.	2025
336	Dr. Rakesh N	3	ISE	Article	Enhanced temporal attention-based LSTM model for air quality forecasting	Journal of Internet Services and Information Security	Scopus	21822069	15	2		552	562	0		10.58346/IJISIS.2025.I2.038	Q2	N	ENG.	2025
337	Dr. Rakesh N	3	ISE	Article	Neural Network-Based Multi-class Model for Abnormal Heartbeat Audio	International Journal of Information Technology	Scopus	25112104; 25112112						0		10.1007/s41870-025-02668-w	Q2	N	ENG.	2025
338	Dr. Ravi Kumar B N	5	ISE	Article	Leveraging machine learning for intelligent agriculture	SN Computer Science	Scopus	2662995X	6	1	34					10.1007/s42979-024-03576-9	Q2	N	CS-ENG.	2025
339	Dr. Ravi Kumar B N	5	ISE	Article	A novel scheme for enhanced content integrity, authentication, and privacy	Discover Internet of Things	Scopus	27307239	5	1	33					10.1007/s43926-025-00132-6	Q2	N	ENG.	2025
340	Dr. Ravi Kumar B N	4	ISE	Article		International Journal of Electrical and Computer Engineering	Scopus	20888708	15	1		654	668	14		10.11591/ijeece.v15i1.pp654-668	Q3	N	ENG.	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
341	Dr. Savitha S	2	ISE	Article	Adaptive Fuzzy Heuristic Algorithm for Dynamic Data Mining in IoT	Journal of Fuzzy Extension and Applications	Scopus	27831442	6	3		615	636	21		10.22105/jfea.2024.484955.1676	Q2	N	CS- ENG.	2025
342	Dr. Shanthi D L	2	ISE	Article	Advanced skin lesion segmentation and classification using adaptive Genetic Algorithm-based Machine Learning Approach for Edileptic	Egyptian Informatics Journal	WoS	11108665	30	-	100706	-	-	-		10.1016/j.eij.2025.100706	q1	Y	CS- ENG.	2025
343	Dr. Shoba M	2	ISE	Article	Breast cancer prediction using genetic algorithm and sand cat swarm	Recent Patents on Engineering	Scopus	18722121	19	2	E250823 220377					10.2174/1872212118666230825124237	Q3	N	ENG.	2025
344	Dr. Shoba M	3	ISE	Article	Game-changing intelligence: Unveiling the societal impact of artificial	Indonesian Journal of Electrical Engineering and Computer Science	Scopus	25024752	37	2		849	858	9		10.11591/ijeecs.v37i2.pp849-858	q4	N	ENG.	2025
345	Dr. Veena N	2	ISE	Article	CNN-RF-KNN: hybrid deep learning framework for detection of measles	Entertainment Computing	WoS	18759521	52	-	100862	-	-	-		10.1016/j.entcom.2024.100862	Q2	Y	ENG.	2025
346	Dr. Vinutha K	2	ISE	Article	Precision Agriculture 2.0: A Scalable Hybrid Deep Learning Approach with Improved Diabetes Detection Through Integration of External Risk Factors	International Journal of Information Technology	Scopus	25112104						0		10.1007/s41870-025-02612-y	Q2	N	ENG.	2025
347	Dr. Vinutha K	3	ISE	Article	Secure Wireless Connectivity Frameworks for Financial Internet Interfacing IoT Sensors with Library Energy Management Systems	International Journal of Intelligent Engineering and Systems	Scopus	21853118; 2185310X	18	9		50	62	0		10.22266/ijies.2025.1031.04	Q3	N	ENG.	2025
348	K. Vinutha	3	ISE	Article	Secure Smart Contracts: Enhancing Vulnerability Detection With Graph Fine-Tuning of Large Language Models for Solving DSA Problems	SN Computer Science	Scopus	2662-995X	6	8	932	-	-	-	-	10.1007/s42979-025-04486-0	Q2	N	CS- ENG.	2025
349	K. Vinutha	1	ISE	Article	Self-sovereign Identity (SSI) for Data Privacy and Security in Ubiquitous Revolutionizing Web Security with Lightweight, Minimal Vulnerability Detection and Classification Of Harmful Algae Using Machine DPAPC: Deterministic Process-Aware Partitioned Cache for Real-Time Adoption of GenAI for Education Domain	Journal of Internet Services and Information Security	Scopus	21822069	15	3	-	298	317	-	-	10.58346/IJIS.2025.13.021	Q2	N	ENG.	2025
350	Rakesh N	3	ISE	Article	Building a Better Network: The Promising Future of 6G Technology	Indian Journal of Information Sources and Services	Scopus	22316094	15	3	-	113	121	-	-	10.51983/ijies-2025.11JISS.15.3.13	Q2	N	N	2025
351	Dr. Swetha M S	1	ISE	Book chapter	Ensemble-based Machine Learning Classification for Early Detection of Deep Learning Model for Predicting Basket-Ball Player Injuries Using Forecasting the Future: The Role of Digital Transformation in the	Advanced Sciences and Technologies for Security	Scopus	16135113	Part F458			207	229	22		10.1007/978-3-031-85008-0_10	-	-	-	2025
352	Ambika Rani Subhash	1	ISE	Conference paper	Lecture Notes in Networks and Systems	3rd International Conference on Intelligent Data Communication	Scopus	-				1355	1360	5		10.1109/IDCOT64235.2025.10914701	-	-	-	2025
353	Annapareddy Haarika	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969880	-	-	-	2025
354	Chethana C	3	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-	1438 LNNS			267	286			10.1007/978-981-96-7707-8_21	-	-	-	2025
355	Dr. Arun Kumar B R	1	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969955	-	-	-	2025
356	Dr. Arun Kumar B R	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969969	-	-	-	2025
357	Dr. Arun Kumar B R	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-	1196 LNNS			359	377			10.1007/978-981-97-9526-0_32	-	-	-	2025
358	Dr. Basavaraj G N	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969923	-	-	-	2025
359	Dr. Geeta Amol Patil	1	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/OTCON65728.2025.11070713	-	-	-	2025
360	Dr. Geeta Amol Patil	1	ISE	Conference paper	Lecture Notes in Electrical Engineering	Lecture Notes in Electrical Engineering	Scopus	-	1300 LNEE			349	364	0	0	10.1007/978-981-96-0165-3_26	-	-	-	2025
361	Dr. Manjunath T N	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969944	-	-	-	2025
362	Dr. Mohan B A	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969866	-	-	-	2025
363	Dr. Mohan B A	3	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969886	-	-	-	2025
364	Dr. Muneshwara M S	1	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969884	-	-	-	2025
365	Dr. Narasimha Murthy M S	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969859	-	-	-	2025
366	Dr. Narasimha Murthy M S	2	ISE	Conference paper	Advancements in CBIR: Enhancing Visual Feature Extraction and	Advancements in CBIR: Enhancing Visual Feature Extraction and	Scopus	-								10.1109/ICKFCS65700.2025.11035614	-	-	-	2025
367	Dr. Rakesh N	4	ISE	Conference paper	Cyber Physical System with Real-Time Gesture Recognition for ISL	Cyber Physical System with Real-Time Gesture Recognition for ISL	Scopus	-				1577	1581			10.1109/ICICI65870.2025.11069491	-	-	-	2025
368	Dr. Ravi Kumar B N	2	ISE	Conference paper	Gesture Control Systems in Human Prohibited Areas	Gesture Control Systems in Human Prohibited Areas	Scopus	-								10.1109/COMP-SIF65618.2025.10969918	-	-	-	2025
369	Dr. Ravi Kumar B N	1	ISE	Conference paper	Software Effort Estimation Using AIML and a User Interface	Lecture Notes in Electrical Engineering	Scopus	-	1399 LNEE			279	294			10.1007/978-981-96-4430-8_19	-	-	-	2025
370	Dr. Ravi Kumar B N	1	ISE	Conference paper	Fruit Quality Monitoring System using CNN	International Conference on Intelligent Systems and	Scopus	-								10.1109/ICISCN64258.2025.10934279	-	-	-	2025
371	Dr. Shanthi D L	1	ISE	Conference paper	Lecture Notes in Electrical Engineering	Lecture Notes in Electrical Engineering	Scopus	-	1399 LNEE			25	40			10.1007/978-981-96-4430-8_3	-	-	-	2025
372	Dr. Sheela Kathavate	3	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969903	-	-	-	2025
373	Dr. Surekha K B	1	ISE	Conference paper	Lecture Notes in Electrical Engineering	Lecture Notes in Electrical Engineering	Scopus	-	1398 LNEE			519	534			10.1007/978-981-96-4679-1_40	-	-	-	2025
374	Dr. Swetha M S	1	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969927	-	-	-	2025
375	Dr. Swetha M S	1	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969894	-	-	-	2025
376	Dr. Swetha M S	1	ISE	Conference paper	Lecture Notes in Networks and Systems	Lecture Notes in Networks and Systems	Scopus	-	1396 LNNS			611	619	0	0	10.1007/978-981-96-6124-4_49	-	-	-	2025
377	Dr. Veena N	2	ISE	Conference paper	Proceedings of 2025 International Conference on Computing for	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969922	-	-	-	2025
378	Dr. Vinutha K	1	ISE	Conference paper	Dynamic Content Generation for Learning Management System Using	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969929	-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
379	Harish Kumar N	1	ISE	Conference paper	Optimizing Agriculture: A Machine Learning-Based Recommendation		Scopus									10.1109/NMITS/CONF.2025.1118797	-	-	-	2025
380	Mahalakshmi S	2	ISE	Conference paper	LLM-Driven Peer Competitor and Stock Analysis	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969856	-	-	-	2025
381	Spandana L	4	ISE	Conference paper	Evaluation and Performance of a Phishine Electronic Mail Detection		Scopus	-				1242	1246	0	0	10.1109/ICCMC65190.2025.11140705	-	-	-	2025
382	Sudhamani M V	1	ISE	Conference paper	Lung Cancer Prediction Using Integrated Deep Learning Model	Lecture Notes in Electrical Engineering	Scopus	-	1335 LNEE			455	464			10.1007/978-981-96-3105-6_32	-	-	-	2025
383	Daniel Mathews (Student+Other Institute)	4	ISE(S)	Article	Why teach quantum in your own time: the values of grassroots organizations	EPJ Quantum Technology	WoS	21960763	12	1	44	-	-	-		10.1140/epjqt/s40507-025-00345-2	Q1	Y	ENG.	2025
384	Sharathchandra Patil	4	ISE(S)	Conference paper	Deep Learning for Cervical Cell Analysis Toward Automatic Diagnosis	Lecture Notes in Networks and Systems	Scopus	-	5588 LNNS			197	210			10.1007/978-981-96-1918-4_14	-	-	-	2025
385	Supriya K S(STUDENT)	1	ISE(S)	Conference paper	A Survey on Machine-Learning Models Used for Detecting Brain	Lecture Notes in Electrical Engineering	Scopus	-	1335 LNEE			525	535			10.1007/978-981-96-3105-6_37	-	-	-	2025
386	Vandit Jaiswal(STUDENT)	1	ISE(S)	Conference paper	HealthGuard: A Blockchain-Based Framework for Secure EHR	Proceedings of 2025 International Conference on Computing for	Scopus	-								10.1109/COMP-SIF65618.2025.10969935	-	-	-	2025
387	Dr. Gireesh Babu C N	2	ISE(STU& G)	Conference paper	LLM for Market Success: Equity and Stock Market		Scopus									10.1109/NMITS/CONF.2025.1118805	-	-	-	2025
388	N Rakesh	3	ISE(STU& G)	Conference paper	Real-Time Network Tracing and Protocol Analysis Using a Web Based		Scopus									10.1109/INCSST64791.2025.11210322	-	-	-	2025
389	Dr. Arnab Bhattacharya	5	MATHS	Article	Entropy analysis and multi-physics simulation of radiative hybrid	Journal of Thermal Analysis and Calorimetry	WoS	13886150	-	-	-	-	-	-	-	10.1007/s10973-025-15049-z	Q2	Y	N	2025
390	Dr. Annapoorna M S	2	MATHS	Article	Pentapartitioned Neutrosophic Pythagorean Connectedness	Neutrosophic Sets and Systems	Scopus	23316055	83			927	934	7		10.5281/zenodo.15229711	Q3	N	N	2025
391	Dr. Annapoorna M S	2	MATHS	Article	TOPSIS approach for MADM based on Quadripartitioned single valued	Neutrosophic Sets and Systems	Scopus	23316055	80			163	177	14		10.5281/zenodo.14707410	Q3	N	N	2025
392	Dr. Aruna Kumara H	1	MATHS	Article	Ricci Semi-Symmetric Robertson-Walker Spacetime in f(R)-	Mathematics	Scopus	22277390	13	6	1012	-	-	-		10.3390/math13061012	Q2	Y	ENG.	2025
393	Dr. Aruna Kumara H	3	MATHS	Article	Investigating casimir wormhole solutions supported by Yukawa	High Energy Density Physics	Scopus	15741818	57	-	101222	-	-	0		10.1016/j.hedp.2025.101222	Q2	Y	N	2025
394	Dr. Aruna Kumara H	2	MATHS	Article	Probing the geometries of wormholes: A comparative study of f(R,T) and	Nuclear Physics B	WoS	05503213	1018	-	117013	-	-	0		10.1016/j.nuclphysb.2025.117013	Q1	Y	N	2025
395	Dr. Aruna Kumara H	2	MATHS	Article	Geometry of (κ, μ) -almost Kenmotsu manifolds with divergence free Cotton	Boletim da Sociedade Paranaense de Matematica	Scopus	00378712; 21751188	43			1	9	0		10.5269/bspm.76100	Q3	N	N	2025
396	Dr. Aruna Kumara H	2	MATHS	Article	Static perfect fluid spacetime on Riemannian manifolds admitting	Journal of Applied Analysis	Scopus	14256908	31	2	-	303	309	-	-	10.1515/jaa-2024-0018	Q4	N	CS- ENG.	2025
397	Dr. Saranya S	3	MATHS	Article	Optimizing Computation: A Biomimicry Design Spiral Approach to	Communications on Applied Nonlinear Analysis	Scopus	1074133X	32	1s		528	538	10		10.52783/cana.v32.2317	Q4	N	N	2025
398	Dr. Saroj Revankar	2	MATHS	Article	Study of transmission pattern of COVID-19 among cardiac and	Computational and Mathematical Biophysics	Scopus	25447297	13	1	2E+07					10.1515/cmb-2025-0020	Q3	N	N	2025
399	Dr. Shankar Narayan S	1	MATHS	Article	Mechanical properties of stenosed coronary arterial walls with slip	Physics of Fluids	WoS	10706631	37	2	21905	-	-	-		10.1063/5.0251278	Q1	Y	ENG.	2025
400	Dr. Shankar Narayan S	1	MATHS	Article	Blood flow across cerebral aneurysms with magnetic field intervention	Physics of Fluids	WoS	10706631	37	3	31901	-	-	-		10.1063/5.0252178	Q1	Y	ENG.	2025
401	Dr. Shankar Narayan S	1	MATHS	Article	Flow diverters as a technique to balance the flow in bifurcation	Chinese Journal of Physics	WoS	05779073	96	-	-	906	973	0		10.1016/j.cjph.2025.06.017	Q2	Y	N	2025
402	Dr. Shankar Narayan S	1	MATHS	Article	Laminar single-phase modeling and numerical study of flow of aspirin in a	ZAMM Zeitschrift fur Angewandte Mathematik und	Scopus	00442267; 15214001	105	9	e70177	-	-	0		10.1002/zamm.70177	Q2	Y	ENG.	2025
403	Dr. Sreelakshmi T K	1	MATHS	Article	Dynamics of ferromagnetic due to nonlinear thermal buoyancy when	Waves in Random and Complex Media	Scopus	17455030	35	1		1042	1061	19		10.1080/17455030.2022.2028931	NA	N	ENG.	2025
404	Dr. Sreelakshmi T K	2	MATHS	Article	Thermal and Fluid Flow Dynamics Over a Single-Walled Carbon	International Journal of Applied and Computational Mathematics	Scopus	21995796	11	4	158			0		10.1007/s40819-025-01956-0	Q3	N	N	2025
405	Dr. Sumati Thareja	5	MATHS	Article	Reconstruction Algorithms for Source Term Recovery from Dynamical	Journal of Fourier Analysis and Applications	WoS	10695869	31	4	53	-	-	0		10.1007/s00041-025-01084-5	Q1	Y	N	2025
406	Saranya S	3	MATHS	Article	Soil-Water-Air (SWA) Interface Channel Model for River Bridge Pillar	Information (Switzerland)	Scopus	20782489	16	12	1019	-	-	-	-	10.3390/info16121019	Q2	N	CS- ENG.	2025
407	Dr. Annapoorna M S	1	MATHS	Book chapter	Collaborative sustainability for building resilient business models	Navigating Strategic Partnerships for Sustainable Startup Growth	Scopus	-				53	83	30		10.4018/979-8-3693-4066-0.ch003	-	-	-	2025
408	Dr. Annapoorna M S	2	MATHS	Book chapter	The role of computational approaches in additive manufacturing for medical	Using Computational Intelligence for Sustainable Manufacturing of	Scopus	-				533	557	24		10.4018/979-8-3693-7974-5.ch023	-	-	-	2025
409	Dr. Annapoorna M S	5	MATHS	Book chapter	Innovative quantum systems analysis through machine learning and	Exploring the Fusion of Quantum Computing and Machine Learning	Scopus	-				27	51	24		10.4018/979-8-3693-6225-9.ch002	-	-	-	2025
410	Dr. Annapoorna M S	2	MATHS	Conference paper	Exploring Generative AI Models in Enhanced Communication Systems	Lecture Notes in Networks and Systems	Scopus	-	1433 LNNS			119	134	0	0	10.1007/978-981-96-7131-1_8	-	-	-	2025
411	Dr. Saranya S	2	MATHS	Conference paper	Statistical Analysis of Wear Behavior in AZ63 Magnesium Alloy Hybrid	AIP Conference Proceedings	Scopus	-	3270	1	20246					10.1063/5.0261760	-	-	-	2025
412	Dr. Saranya S	2	MATHS	Conference paper	From Diagnosis to Treatment: A Systematic Review of Machine		Scopus	-				1653	1657			10.1109/ICCSAI64074.2025.11064114	-	-	-	2025
413	Dr. Varun V L	3	MATHS	Conference paper	AI-Powered Predictive Modeling of Heat Energy Consumption in Smart		Scopus	-				483	487	0	0	10.1109/MRIF66930.2025.11156680	-	-	-	2025
414	Saranya S	2	MATHS	Conference paper	Automated Multi-Residence Water Supply Management System		Scopus	-				1331	1336			10.1109/ICISC65841.2025.11188422	-	-	-	2025
415	Dr. Nethravathi N	3	MBA	Book chapter	AI Tools Adoption and Utilization Impact: Extending TAM Framework	Accounting, Finance, Sustainability, Governance and	Scopus	-	Part F921			207	233	0	0	10.1007/978-981-96-7434-3_11	-	-	-	2025
416	Dr. Vinay H V	2	MBA	Book chapter	The Impact of Behavioral Biases on Stock Investment Decisions: Evidence	Studies in Systems, Decision and Control	Scopus	-	584			171	184	0	0	10.1007/978-3-031-85898-7_17	-	-	-	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
417	Ashwitha K	1	MCA	Article	Advancements in Machine Learning-Based Condition Monitoring for Crack Straight through Estimator Based Convolution Neural Network with A Hybrid Deep-Learning based Security Enhancement Framework for Dynamic Sensitivity Differential Privacy: A Versatile Framework for Revolutionizing Crop Protection: An Innovative Smart System to Deter	ARCHIVES OF COMPUTATIONAL METHODS International Journal of Intelligent Engineering and Systems	WoS	1134-3060	-	-	-	-	-	-	-	http://dx.doi.org/10.1007/s11831-024-10205-4	Q1	Y	N	2025
418	Dr. Aparna K	1	MCA	Article	Exploring the Impact of Rainfall Variable on Arecanut Yield Production The Impact of External Environmental Parameters on Arecanut Growth and Explainable Deep Learning Architectures for Adaptive Cyber	Proceedings of 2025 International Conference on Computing for Lecture Notes in Networks and Systems	Scopus	2185310X	18	3	-	1	13	12	-	10.22266/ijies.2025.0430.01	Q3	N	ENG.	2025
419	P Sudarsanam	2	MCA	Article	Study of Abrasive Wear Behavior of Epoxy-Carbon Fiber Composites with Comparative Analysis of Machine Learning Models Vis-a-Vis	Journal of Bio- and Tribo-Corrosion	Scopus	22103279	15	3	-	243	255	-	-	10.2174/0122103279353534241219091220	Q4	N	ENG.	2025
420	Reshma C R	1	MCA	Article	Advancements in EBSD Techniques: A Comprehensive Review on	JOURNAL OF COMPOSITES SCIENCE	WoS	2090-7141	2025	1	2972993	-	-	-	-	10.1155/jcnc/2972993	Q2	N	CS-ENG.	2025
421	Shivakumara, T	1	MCA	Book chapter	Design and fabrication strategies for enhancing patient comfort and Reinforcement learning-based topology optimization for generative	MethodsX	Scopus	-	-	-	-	53	66	-	-	10.1201/9781003594093-4	-	-	-	2025
422	Dr. Aparna K	2	MCA	Conference paper	Optimization of Mechanical Properties of Cordia dichotoma/Alumina	Journal of Environmental Nanotechnology	Scopus	-	1196 LNNS	-	-	155	165	-	-	10.1109/COMP-SIF65618.2025.10969877	-	-	-	2025
423	Dr. Aparna K	2	MCA	Conference paper	Development and mechanical characterisation of hybrid tungsten	Canadian Metallurgical Quarterly	Scopus	-	-	-	-	-	-	-	-	10.1007/978-981-97-9526-0_16	-	-	-	2025
424	Dr. Drakshaveni G	1	MCA	Conference paper	Experimental investigation and optimization of friction stir welding	Journal of Materials Science: Materials in Engineering	Scopus	-	-	-	-	-	-	-	-	10.1109/ACIS65746.2025.11211263	-	-	-	2025
425	Dr. Govindraju K	2	ME	Article	Effect of Zirconium Silicate Reinforcement on Aluminum 7075: Effect of Printing Parameters on Mechanical Properties and Warpage of	Journal of Composites Science	Scopus	21984220	11	1	21	-	-	-	-	10.1007/s40735-024-00939-w	Q2	N	ENG.	2025
426	Dr. K M Sathish Kumar	3	ME	Article	Characterization and evaluation of joint properties of friction stir welded	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-Engineers (India): Series C	WoS(O)	-	11	4	-	-	-	-	-	10.22059/poll.2025.393694.2892	Q3	N	N	2025
427	Dr. K M Sathish Kumar	2	ME	Article	Taguchi-Based Experimentation Technique in Combination with Comparative analysis of fly ash cenosphere and copper	Materials Research Express	WoS	2504-477X	-	-	-	-	-	-	-	http://dx.doi.org/10.3390/jcs9030132	Q1	N	N	2025
428	Dr. Keerthi Kumar N	3	ME	Article	Performance of CI Engine Fueled with Used Temple Oil Biodiesel Blends at Effect of Plasma treated-Aluminum Coating on Plain Woven Fabrics	International Review of Mechanical Engineering	WoS	23639512	-	-	102206	-	-	-	-	10.1007/s40964-024-00945-x	Q1	N	ENG.	2025
429	Dr. Keerthi Kumar N	1	ME	Article	Evaluating the Von Mises Effect of HSS Twist Drilled Hole on Untreated Studies on influence of additives added biodiesel blend on diesel engine	Journal of The Institution of Engineers (India): Series D	WoS	22150161	15	-	103539	-	-	0	-	10.1016/j.mex.2025.103539	Q2	N	N	2025
430	Dr. Madhu M C	2	ME	Article	Influence of zirconium carbide particles on the mechanical	Scientific Reports	Scopus	22790748	14	2	-	525	540	0	-	10.13074/jent.2025.06.2521549	Q4	N	N	2025
431	Dr. Manjunatha C	3	ME	Article	Impact of Parameters on the Wear Characteristics of Aluminium Alloy- Bearing due to Unbalanced Mass	Journal of The Institution of Engineers (India): Series D	WoS	84433	-	-	-	-	-	-	-	10.1080/00084433.2025.2498259	Q2	Y	ENG.	2025
432	Dr. Manjunatha C	1	ME	Article	Assessing the Von Mises Impact of HSS Twist-Drilled Holes on Pretreated Performance evaluation of nano cutting fluids under MQL technique in	Journal of The Institution of Engineers (India): Series D	WoS	30048958	20	1	117	-	-	0	-	10.1186/s40712-025-00328-2	Q2	N	ENG.	2025
433	Dr. Nagamadhu M	3	ME	Article	Effect of Zirconium Silicate Reinforcement on Aluminum 7075: Effect of Printing Parameters on Mechanical Properties and Warpage of	Eng	WoS	26734117	6	2	23	-	-	-	-	10.3390/eng6020023	Q2	N	ENG.	2025
434	Dr. Nagamadhu M	2	ME	Article	Characterization and evaluation of joint properties of friction stir welded	Journal of Composites Science	WoS	2504477X	9	5	208	-	-	-	-	10.3390/jcs9050208	q1	N	ENG.	2025
435	Dr. Nagamadhu M	3	ME	Article	Taguchi-Based Experimentation Technique in Combination with Comparative analysis of fly ash cenosphere and copper	JOURNAL OF MATERIALS RESEARCH AND TECHNOLOGY-Engineers (India): Series C	WoS	2238-7854	-	-	-	-	-	-	-	http://dx.doi.org/10.1016/j.jmrt.2025.05.028	Q1	Y	N	2025
436	Dr. Nagamadhu M	3	ME	Article	Performance of CI Engine Fueled with Used Temple Oil Biodiesel Blends at Effect of Plasma treated-Aluminum Coating on Plain Woven Fabrics	International Review of Mechanical Engineering	Scopus	22500545	106	3	889	896	7	-	-	10.1007/s40032-025-01174-z	Q3	N	ENG.	2025
437	Dr. Nagamadhu M	3	ME	Article	Evaluating the Von Mises Effect of HSS Twist Drilled Hole on Untreated Studies on influence of additives added biodiesel blend on diesel engine	Journal of The Institution of Engineers (India): Series D	WoS	20531591	12	6	66503	-	-	-	-	10.1088/2053-1591/addf18	Q2	Y	N	2025
438	Dr. Nagamadhu M	3	ME	Article	Influence of zirconium carbide particles on the mechanical	Scientific Reports	Scopus	19708734	19	3	125	132	0	-	-	10.15866/ireme.v19i3.25810	Q2	N	ENG.	2025
439	Dr. Nagamadhu M	1	ME	Article	Impact of Parameters on the Wear Characteristics of Aluminium Alloy- Bearing due to Unbalanced Mass	Journal of The Institution of Engineers (India): Series D	WoS	1544046X	22	1	2543120	-	-	0	-	10.1080/15440478.2025.2543120	Q2	Y	N	2025
440	Dr. Nagamadhu M	1	ME	Article	Assessing the Von Mises Impact of HSS Twist-Drilled Holes on Pretreated Performance evaluation of nano cutting fluids under MQL technique in	Journal of The Institution of Engineers (India): Series D	Scopus	22502122	106	2	817	824	0	-	-	10.1007/s40033-024-00660-5	Q2	N	ENG.	2025
441	Dr. Nagamadhu M	2	ME	Article	Experimental Investigation of the Characteristics and Tribological	Lubricants	WoS	19397038; 19397046	18	1	2573898	-	-	0	-	10.1080/19397038.2025.2573898	Q1	N	CS-ENG.	2025
442	Dr. Srinidhi Acharya S R	8	ME	Article	Influence of zirconium carbide particles on the mechanical	Scientific Reports	Scopus	20452322	15	1	15011	-	-	-	-	10.1038/s41598-025-99221-3	Q1	Y	N	2025
443	Dr. Srinidhi Acharya S R	10	ME	Article	Impact of Parameters on the Wear Characteristics of Aluminium Alloy- Bearing due to Unbalanced Mass	Journal of The Institution of Engineers (India): Series D	Scopus	22502122	-	-	-	-	-	0	-	10.1007/s40033-025-00929-3	Q2	N	ENG.	2025
444	N. Keerthi Kumar	4	ME	Article	Assessing the Von Mises Impact of HSS Twist-Drilled Holes on Pretreated Performance evaluation of nano cutting fluids under MQL technique in	Journal of The Institution of Engineers (India): Series D	Scopus	222755	73	4	963	968	5	-	-	10.18311/jmmf/2025/47894	Q4	N	N	2025
445	Dr. Nagamadhu M	1	ME	Article	Experimental Investigation of the Characteristics and Tribological	Lubricants	Scopus	22502122	106	3	-	1347	1356	-	-	10.1007/s40033-024-00654-3	Q2	N	ENG.	2025
446	Dr. Nagamadhu M	1	ME	Article	Performance of CI Engine Fueled with Used Temple Oil Biodiesel Blends at Effect of Plasma treated-Aluminum Coating on Plain Woven Fabrics	International Review of Mechanical Engineering	Scopus	30049261	7	11	1339	-	-	-	-	10.1007/s42452-025-07702-x	Q2	N	ENG.	2025
447	Nithya Poornima	1	ME	Article	Experimental Investigation of the Characteristics and Tribological	Lubricants	Scopus	20754442	13	3	128	-	-	-	-	10.3390/lubricants13030128	Q2	Y	ENG.	2025
448	Dr. Kiran M D	1	ME	Book chapter	Influence of Fillers on Machining Process of Polymer Composites	Advances in Composite and Advanced Materials Machining	Scopus	-	-	-	-	1	7	6	-	10.1201/9781003397465-1	-	-	-	2025
449	Dr. Avinash G	6	ME	Conference paper	Positional Acoustic Analysis of Noise Attenuation in Louver Window	Lecture Notes in Mechanical Engineering	Scopus	-	-	-	-	69	77	-	-	10.1007/978-981-96-6632-4_7	-	-	-	2025
450	Dr. Avinash G	1	ME	Conference paper	Acoustic Analysis of Varying Number of Louvers in Noise Attenuation	Lecture Notes in Mechanical Engineering	Scopus	-	-	-	-	61	68	-	-	10.1007/978-981-96-6632-4_6	-	-	-	2025
451	Dr. Keerthi Kumar N	3	ME	Conference paper	Investigation on Wear Behaviour of Nano B4C Reinforced Composite with AI-Powered Cloud Computing for Performance Optimization and	Advances in Science, Technology and Innovation	Scopus	-	-	-	-	325	333	8	-	10.1007/978-3-031-73816-6_37	-	-	-	2025
452	Kishan B.S. (student)	2	ME(S)	Conference paper	Exploring Few-Shot Learning to Enhance NLP's Cross-Domain Fe-doped NiO nanopowders for advanced photochemical applications:	Proceedings of 2025 International Conference on Computing for	Scopus	-	-	-	-	-	-	-	-	10.1109/COMP-SIF65618.2025.10969950	-	-	-	2025
453	Kishan B.S.(STUDENT)	5	ME(S)	Conference paper	Exploring Few-Shot Learning to Enhance NLP's Cross-Domain Fe-doped NiO nanopowders for advanced photochemical applications:	Proceedings of 2025 International Conference on Computing for	Scopus	-	-	-	-	-	-	-	-	10.1109/COMP-SIF65618.2025.10969937	-	-	-	2025
454	Dr. Ashwini K R	3	PHY	Article	Fe-doped NiO nanopowders for advanced photochemical applications:	Physica B: Condensed Matter	WoS	9214526	701	-	416991	-	-	-	-	10.1016/j.physb.2025.416991	Q2	N	ENG.	2025

BMS INSTITUTE OF TECHNOLOGY AND MANAGEMENT

SCOPUS/WoS INDEXED RESEARCH PUBLICATIONS 2025(JAN-DEC)

Sl. No.	Name of the Author BMSIT&M	BMSIT&M 1st Author Position	Dept.	Type of Paper	Title of the Paper	Journal Name/Source title/Name of the Conference	Indexed in	ISSN	Volume	Issue	Art. No.	Page start	Page end	Page count	Cited by	DOI	SJR Rank	SCIE	Engg. Papers	Year
455	Dr. Ashwini K R	1	PHY	Article	Applications of zinc oxide nanoparticles loaded with curcumin	Surfaces and Interfaces	Scopus	24680230	73	-	107470	-	-	0		10.1016/j.surfin.2025.107470	Q1	Y	N	2025
456	Dr. Basavaraj R B	2	PHY	Article	Multifunctional hybrid red fluorescent nanojgments: Photoluminescence, High-Performance green light-emitting CPE modified BaZrO ₃ Tb ³⁺ Hexagonal rod-like Eu ³⁺ -doped CaMoO ₄ phosphors: Structural, Enhanced photocatalytic degradation activity of SrCeO ₃ nanophosphors:	Ceramics International	Scopus	2728842	-	-	-	-	-	-		10.1016/j.ceramint.2025.03.156	Q1	Y	CE-ENG, CE-ENG,	2025
457	Dr. Basavaraj R B	2	PHY	Article	Fabrication of white light emitting SrMoO ₄ : Dy ³⁺ nanophosphors: Structural and electronic properties of PVA with green synthesized ZnO NCs	Journal of Industrial and Engineering Chemistry	WoS	1226086X	149	-	-	645	656	11		10.1016/j.jiec.2025.02.026	Q1	Y	CE-ENG,	2025
458	Dr. Basavaraj R B	2	PHY	Article	Tailoring the luminescence and electrochemical properties of dual Photo-accelerated detoxification of Norfloxacin and electrochemical Mapping the photocurrent and photovoltage of hybrid perovskite thin Synthesis, conductivity and anti-counterfeiting applications of	Journal of Molecular Structure	WoS	222860	1319	-	139331	-	-	-		10.1016/j.molstruc.2024.139331	Q2	Y	N	2025
459	Dr. Basavaraj R B	2	PHY	Article	Therapeutic potential of sustainable zinc oxide nanoparticles	Optical Materials	WoS	9253467	162	-	116900	-	-	-		10.1016/j.optmat.2025.116900	Q1	Y	ENG.	2025
460	Dr. Basavaraj R B	3	PHY	Article	Improved electromagnetic shielding, optical, electrical and structural. Reduced Graphene Oxide (rGO) Doped Copper-Zinc (Cu-Zn) Flower-like morphology of BiOBr: Eu ³⁺ nanophosphor: its	Materials Science and Engineering: B	WoS	09215107	322	-	118627	-	-	0		10.1016/j.mseb.2025.118627	Q1	Y	ENG.	2025
461	Dr. Basavaraj R B	2	PHY	Article	Impact of Gd-doped on optoelectronic properties of SnO ₂ thin films	Next Materials	WoS	29498228	8		100890			0		10.1016/j.nxmate.2025.100890	Q1	N	ENG.	2025
462	Dr. Basavaraj R B	2	PHY	Article	RGO flakes decorated NiO nanoflowers for supercapacitor	Ceramics International	Scopus	2728842	-	-	-	-	-	0		10.1016/j.ceramint.2025.09.453	Q1	Y	CE-ENG,	2025
463	Dr. Basavaraj R B	2	PHY	Article	Synergistic SERS Enhancement of Highly Sensitive and Reusable rGO-Ag-Enhanced super capacitance performance of V ₂ O ₅ -nH ₂ O/e-C ₃ N ₄ Cost--Effective Synthesis of Eu ³⁺ -Activated BaZrO ₃ for Optoelectronic Effects of Various Fuels on the Qualified Photoluminescence and	Materials Today Advances	WoS	25900498	28	-	100634	-	-	0		10.1016/j.mtadv.2025.100634	Q1	Y	ENG.	2025
464	Dr. Chandra Shakher Pathak	1	PHY	Article	Gd ₂ O ₃ Nanoarchitectures: Orchestrating radiant tales with Dy ³⁺ . Single-Crystal Perovskite Halide: Crystal Growth to Devices	Macromolecular Research	WoS	15985032	33	4	111469	439	449	10		10.1007/s13233-024-00349-4	Q2	Y	CE-ENG, CE-ENG,	2025
465	Dr. Daruka Prasad B	4	PHY	Article	Voltammetric Sensors for the Analysis of Agricultural-Related Biomolecules	Ceramics International	Scopus	2728842	-	-	-	-	-	-		10.1016/j.ceramint.2025.05.340	Q1	Y	CE-ENG,	2025
466	Dr. Daruka Prasad B	7	PHY	Article	Optimization Techniques for 3D-Printed Electrochemical Sensors	Green Processing and Synthesis	WoS	21919542	14	1	2E+07	-	-	0		10.1515/gps-2024-0241	Q2	Y	ENG.	2025
467	Dr. Daruka Prasad B	4	PHY	Article	Thermal characterization of carbon nanomaterials	Solid State Communications	WoS	381098	405		116136			0		10.1016/j.ssc.2025.116136	Q2	N	N	2025
468	Dr. Dhananjaya N	7	PHY	Article	Photoluminescence and electrochemical studies of Ce ³⁺ -doped A novel Dy ³⁺ doped Zn ₂ V ₂ O ₇ nanoparticles: Photoluminescence and	Journal of Inorganic and Organometallic Polymers and	Scopus	15741443	-	-	-	-	-	-		10.1007/s10904-025-03679-7	Q2	Y	N	2025
469	Dr. Dhananjaya N	2	PHY	Article	Photoluminescence and electrochemical studies of Ce ³⁺ -doped A novel Dy ³⁺ doped Zn ₂ V ₂ O ₇ nanoparticles: Photoluminescence and	Ceramics International	Scopus	02728842	-	-	-	-	-	0		10.1016/j.ceramint.2025.07.417	Q1	Y	CE-ENG,	2025
470	Dr. Harish Sharma Akkera	1	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Physica B: Condensed Matter	WoS	9214526	699		416824					10.1016/j.physb.2024.416824	Q2	N	ENG.	2025
471	Dr. Kavitha C	4	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Applied Physics A: Materials Science and Processing	WoS	9478396	131	3	214					10.1007/s00339-025-08335-y	Q2	N	N	2025
472	Dr. Kavitha C	2	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Langmuir	Scopus	7437463	41	4	-	2411	2426	15		10.1021/acs.langmuir.4c04105	Q1	Y	N	2025
473	Dr. Kavitha C	4	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Materials Chemistry and Physics	Scopus	2540584	332	-	130244	-	-	-		10.1016/j.matchemphys.2024.130244	Q1	Y	N	2025
474	Dr. Yashaswini	3	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Journal of Electronic Materials	Scopus	3615235	54	5	-	3405	3420	15		10.1007/s11664-025-11859-x	Q2	Y	ENG.	2025
475	Dr. Yashaswini	3	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Journal of Mines, Metals and Fuels	Scopus	222755	73	4		1121	1134	13		10.18311/jmmf/2025/48385	Q4	N	N	2025
476	Venkatesh R	4	PHY	Article	Advancements in Voltammetry for Biosensing Applications	Ceramics International	WoS	2728842	51	6	-	7946	7963	17		10.1016/j.ceramint.2024.12.232	Q1	Y	CE-ENG,	2025
477	Dr. Chandra Shakher Pathak	4	PHY	Article(Review)	Advancements in Voltammetry for Biosensing Applications	Energy Technology	Scopus	21944288	13	7	2400618	-	-	0		10.1002/ente.202400618	Q2	Y	N	2025
478	Dr. Yashaswini	1	PHY	Book chapter	Advancements in Voltammetry for Biosensing Applications	Advancements in Voltammetry for Biosensing Applications	Scopus	-				357	371	14		10.1007/978-981-96-2595-6_15	-	-	-	2025
479	Dr. Yashaswini	2	PHY	Book chapter	Advancements in Voltammetry for Biosensing Applications	Advancements in Voltammetry for Biosensing Applications	Scopus					127	142			10.1002/9781394303434_ch6	-	-	-	2025
480	Dr. Yashaswini	1	PHY	Book chapter	Advancements in Voltammetry for Biosensing Applications	Advancements in Voltammetry for Biosensing Applications	Scopus					273	286			10.1016/B978-0-323-95126-5.00005-6	-	-	-	2025
481	Vinuta (Research Scholar)	1	PHY(RS)	Article	Advancements in Voltammetry for Biosensing Applications	Current Applied Physics	WoS	15671739	74	-	-	1	11	10		10.1016/j.cap.2025.03.008	Q2	Y	N	2025
482	Vinuta (Research Scholar)	1	PHY(RS)	Article	Advancements in Voltammetry for Biosensing Applications	Materials Chemistry and Physics	WoS	2540584	332	-	130124	-	-	-		10.1016/j.matchemphys.2024.130124	Q1	Y	N	2025