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Department of Artificial Intelligence and Data Science- Jun 2025- May 2026

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							Scopus	WOS	Scopus	WOS				
										SCIE	ESCI	SSCI	AHCI	
1	S.ANSLAM SIBI, L.SHERLY PUSPHA ANNABEL	NETWORK LIFETIME IMPROVEMENT IN WIRELESS SENSOR NETWORKS USING ENERGY- EFFICIENT BAT-MOTH FLAME OPTIMIZATION TECHNIQUES	SCIENTIFIC REPORTS			Jun-25				SCIE				
1	RAJAKUMAR,M.P., BALAMURUGAN,R., KAVITYHA,R., JACSON,J., JOEL.M.R.	PERSONALIZED PRECISION INTEGRATING AI FOR TAILORED TREATMENT PLANNING IN NUCLEAR MEDICINE		AI INSIGHTS ON NUCLEAR MEDICINE	PP.181-201	Jul-25	Scopus- Book							
2	RAJAKUMAR,M.P., SRI SATHVIG.K., PRIYANKA BHARATHIL.L.N., SANTHOSH,M.	MULTI-PHASE PARKINSONS DISEASE DETECTION: AN ADAPTIVE DEEP LEARNING APPROACH COMBINING BRAIN MRI ANALYSIS, GAIT DYNAMICS AND AUTOMATED REPORTING				Jul-25	Scopus							
3	RAJAKUMAR,M.P., VINSTON RAJA,R., JOSE., MALCHIHAH RAJ, M.S., ROBINSON JOEL,M	CREATING A SECURE DATA SHARING NETWORK FOR DISEASE IDENTIFICATION USING CT IMAGES AND RHC-BASED ENCRYPTION SCHEME		ICOICC 2025 3rd INTERNATIONAL CONFERENCE ON INTELLIGENT AND CLOUD COMPUTING		Jul-25	Scopus							
1	R. RAMYA	SMART SOLUTIONS FOR ELECTRIC VEHICLES USING AI IN MOBILITY AND INFRASTRUCTURE		INNOVATIONS IN POWER SYSTEMS AND APPLICATIONS	ISBN: 9798369376638	Aug-25	Scopus - Book							

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2	RAJAKUMAR, M.P., BALASUBRAMANI, M., SUGANTHI, R., RAGHAVI, K., ROBINSON JOEL, M.	USING AI TO IMPROVE CROP TRACKING, SOIL INVESTIGATION, AND NUTRIENT MANAGEMENT IN PRECISION AGRICULTURE		PRECISION AND INTELLIGENCE IN AGRICULTURE ADVANCED TECHNOLOGIES FOR SUSTAINABLE FARMING	pp.247-272	Aug-25	Scopus - Book						
3	S P SANTHOSH KANNAN; V ASWIN; D DEEPA	ENHANCING IMAGE CAPTIONING MODEL PERFORMANCE THROUGH USE OF SYNTHETIC IMAGE GENERATION AND SEMANTIC FILTERING		2025 INTERNATIONAL CONFERENCE ON ADVANCES IN MODERN AGE TECHNOLOGIES FOR HEALTH AND ENGINEERING SCIENCE (AMATHE)	10.1109/AMATHE65477.2025.11080755	Aug-25	Scopus						
1	PRABU, M., L. SASIKALA, S. SURESH, AND R. RAMYA	A NOVEL INTRUSION DETECTION SYSTEM: INTEGRATING GREEDY SAND CAT SWARM OPTIMIZATION AND DUAL ATTENTION GRAPH CONVOLUTIONAL NETWORKS	INTERNATIONAL JOURNAL OF SYSTEM ASSURANCE ENGINEERING AND MANAGEMENT		pg 1-21	Sep-25			SCIE				
2	C.L., MONICA, CYRIL LUCY; S., PADMA DEVI, S.; R., VIJAY, R.; S., KUMARA, SNEHA; S.D., KUMAR, SETHIL D.; M.N., KATHIRAVAN, MATHUR NADARAJAN	PRECISION AGRICULTURE WITH WIRELESS SENSOR NETWORKS USING A HYBRID K-MEANS-DNN MODEL FOR EFFICIENT IRRIGATION		FIRST INTERNATIONAL CONFERENCE ON RADIO FREQUENCY COMMUNICATION AND NETWORKS (RFCoN)		Sep-25	Scopus						
3	D., SAMIAYYA, DURAIMURUGAN; A., CHINNASAMY, A.; H., NATARAJAN, HARIPRASAD; R., MUTHUSAMY PALANI, RAJAKUMAR	OPTIMIZED VIDEO STREAMING IN MOBILE ENVIRONMENTS: A NOVEL MULTITHEAD AUTOENCODER AND RED-TAILED HAWK OPTIMIZATION FRAMEWORK	IETE JOURNAL OF RESEARCH			Sep-25			SCIE				
4	S., ANANDHAKRISHNAN, S.; R., SRINIVASAN, R.; R., KOTTEESWARAN, R.	MACHINE LEARNING FOR CLASSIFICATION OF DIABETIC FOOT ULCER USING THERMOGRAMS		SPRINGER PROCEEDINGS IN MATERIALS		Sep-25	Scopus - Book						

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5	NATESAN,P, RAJAKUMAR,MP,SREEVIDYA,RC ,SRIMANICKAN,B,VELLAIYAN,SU RESH,VAN MINH,N	ENERGY EFFICIENCY OPTIMIZATION OF A WATER- BASED TITANIUM DIOXIDE NANOFLUID HYDRID SOLAR COLLECTOR USING ADVANCED MACHINE LEARNING	CASE STUDIES IN THERMAL ENGINEERING		Volume No 74,106815	Sep-25				SCIE			
6	PRABHU,GA, SUDHAKAR,R, SATHISHKUMAR,R, LEO,GML, CRISPLE,BA, RAHMAN, AHA.	DYNAMIC MECHANICAL ANALYSIS OF CARBON FIBER REINFORCED POLYMER COMPOSITES	POLYMER SCIENCE		Volume No 13 ,10.37891	Sep-25				SCIE			
7	KOTTEESWARAN RANGASAMY: S. KARTHIYAYINI: DILEEP PULUGU: NABEEL AMRE: R. THIAGARAJAN: R. KRISHNAMOORTHY	ENHANCING CLASSIFICATION PERFORMANCE IN BREAST TISSUE DIAGNOSIS USING TPE- BASED HYPERPARAMETER OPTIMIZATION		2025 11TH INTERNATIONAL CONFERENCE ON COMMUNICATION AND SIGNAL PROCESSING (ICCCSP)	10.1109/ICCCSP4183.202 5.11088705	Sep-25	Scopus						
1	RAJAKUMAR,M.P, BALASUBRAMANIM., JOSE, P.,...NAVANEETHA, K.M., ROBINSON, J.M.	METHODS FOR PROMOTING STUDENT'S ACTIVE ENGAGEMENT IN DIGITAL ENVIRONMENTS		DIGITAL TOOLS AND PLATFORMS FOR EFFECTIVE AND PERSONALIZED LEARNING	PP. 375-402	Oct-25	Scopus - Book						
2	RAJAKUMAR,M.P., VINSTON RAJA, R., BALASUBRAMANI,M.,... KOTHANDARAMAN, I., JOAL,M.R	USING THE DIFFERENT MAPS TO DESIGN AND IMPLEMENT A CHAOTIC CRYPTOGRAPHIC SCHEME FOR IMAGE ENCRYPTION		2025 6TH INTERNATIONAL CONFERENCE ON DATA INTELLIGENCE AND COGNITIVE INFORMATICS ICDCI	PP. 407-412	Oct-25	Scopus						
3	MADDIREDDY SOWJANYA SENTHIL KUMAR D , DEEPA JANANAKUMAR, LAKSHMI H.R, S.GOKUL PRAN, DILEEP PULUGU	A GAN - BASED APPROACH FOR AUTOMATED PLANT DISEASE CLASSIFICATION USING IMAGE PROCESSING TECHNIQUES		INTERNATIONAL CONFERENCE ON COMPUTING TECHNOLOGIES AND DATA COMMUNICATION		Oct-25	SCOPUS						

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2	MUHAMMAD SHAFIQ, SHYAMSUNDER CHITTA, KAVIARASI, R.S. SABEENIAN, PEDDIRREDDY VEERA VENKATESWARAN RAO, GANDHIKOTA UMAMAHESH	FEDERATED LEARNING-ENABLED CNT SENSOR NETWORKS FOR VOC DETECTION AND ENVIRONMENTAL MONITORING	MICROCHEMICAL JOURNAL		VOLUME 218, NOVEMBER 2025, 115412	Nov-25			SCIE				
3	S. GEEITHA, P. RENUKA, A. VIJAY, A.N. KARTHIKEYAN, M. SOWMIYA, K.A. KARTHICK	DEEP LEARNING BASED CLASSIFICATION OF COPY NUMBER VARIATIONS IN CERVICAL CARCINOMA USING ARRAY COMPARATIVE GENOMIC HYBRIDIZATION DATA		5TH INTERNATIONAL CONFERENCE ON SOFT COMPUTING FOR SECURITY APPLICATIONS (ICSCSA)	10.1109/ICSCSA66339.2025.11170788	Nov-25	SCOPUS						