

Details of Research papers published between AY (2023-24)

Publications

(a) Journals (International)

S.No	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor / Co-author	ISBN / ISSN number	Citation Index	h-index
1	Dr. N Vasudha	October-2023	Hierarchical Agglomerative Cluster Analysis of Air Pollution over Andhra Pradesh and Telangana	IJONS	WoS	2	First author	0976-0997		
		October-2023	Identification of Sources Causing Air Pollution in Indian Cities using Hierarchical Agglomerative Cluster Analysis	Current World Environment	UGC	2	First author	2320-8031		

		October-2023	Telangana Air Pollution Stations Classification Using HACA	Computational Intelligence and Data Analytics Proceedings of ICCIDA 2022	SCOPUS	2	First author	2195-3996		
2	Dr.T.Ramprasad	19-Mar-24	A Study on Cosmological Model of Anisotropic Universe with Electromagnetic Field and Cloud Strings in the Framework of General Relativity	Mapana - Journal of Sciences	UGC CARE List, (Group I, Sr.No. 330, Sciences)	01	Sole author	ISSN 0975-3303	-	-
		23-Feb-24	Design and Development of Data-Driven Product Recommender Model for E-Commerce using Behavioral Analytics	INTELLIGENT SYSTEMS AND APPLICATIONS IN ENGINEERING	SCOPUS Impact Factor: 1.4	06	Co-author (3rd)	ISSN:2147-679921	-	16
		02-Feb-24	Mathematical Modelling and Implementation of NLP for	INTELLIGENT SYSTEMS AND APPLICATIONS	SCOPUS Impact Factor: 1.4	06	First author	ISSN:2147-679921	-	16

			Prediction of Election Results based on social media Twitter Engagement and Polls	NS IN ENGINEERING						
			Bianchi type-III magnetized string model with constant decelerating parameter in general theory of relativity	Proc. SPIE 12758, International Conference on Emerging Materials for Technological Applications (ICEMTA 2022)	SCOPUS Impact Factor: 0.7	04	Co-author (2nd)	ISSN:0277-786X	-	193
3	Dr.R.Hari Kishore	January, 2024	Enhancing Security in Online Voting Systems: A Cryptographic Approach Utilizing Galois Fields	Mathematical Modelling of Engineering Problems	Scopus	5	Co-author	ISSN: 2369-0739 (print); 2369-0747 (online)		19
4	Dr. M Venkateshwar Rao	16-Apr-2024	Onset of Internally Heated Convection in a Porous	Communications in Mathematics and Applications	Web of Science	04	First	0975-8607 (Online) 0976-		

			Layer With Variable Gravity: A Brinkmann Model					5905 (Print)		
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(b) Journals (National)

S.No.	Name of the Faculty	Month and Year of Publication	Title of the Paper	Name of the Journal	UGC/Scopus/SCI/SCIE / Others (Impact Factor)	Total number of Authors	First author / Supervisor/ Co-author	ISBN / ISSN number	Citation Index	h-index

(c) Conference

S.No.	Name of the Faculty	Title of the paper	Name of the conference	Duration of the conference	International / National	Location where the event is organized	Professional Body Involved in Publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies	Citation Index if available
1.	Dr. N Vasudha		International Conference on Cognitive and Intelligent Computing ICCIC 2022, 27–28 December	2 days	International	Vasavi College of Engineering	Springer	
2.	Dr.R.Hari	Multi-Key Privacy-Preserving Training and	ACCAI-2023,	5th & 6th	International	Chennai	IEEE	

	Kishore	Classification using Supervised Machine Learning Techniques in Cloud Computing	St. Joseph's College of Engineering, Chennai, India.	May, 2023 (2 days)				
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(d) Text Book

S.No	Name of the Faculty	Title of the Book	Name of the Publisher	Month and Year of Publication	ISBN/ISSN number	National or International	Total number of Authors	First author (YES/NO)

e) Chapters in Books

S.No	Name of the Faculty	Title of the Book	Name of the Publisher	Month and Year of Publication	ISBN/ISSN number	National or International	Number of Chapters published	Total number of Authors	First author (YES/NO)

f) Patent Publications

S.No.	Date/Year	Name of the Faculty	Title of Patent	Patent Number