

Department of Mathematics (2024-25)

I. Sponsored Research:

S.No	Year of Sanction	Title of the Sponsored Project	Duration of Project	Name of the Funding Agency	Grant Amount in Rupees	Principal Investigator Name	Status Completed/Ongoing
1.	NIL	NIL	NIL	NIL	NIL	NIL	NIL

II. Consultancy and training services:

(a) Consultancy projects handled:

S.No.	Year of Sanction	Title of the consultancy Project	Duration of Project	Name of the Industry / organization	Amount mobilized in Rupees	Principal Investigator Name	Status Completed/Ongoing
1.	NA	NA	NA	NA	NA	NA	NA

(b) Academic Consultancy services offered:

(b) Academic Consultancy services offered:				
S.No.	Type of service	Target Audience and Number	Duration	Amount charged
	NA	NA	NA	NA
1.				

III. Publications

(a) Journals (National):

[illegible]

(b) Journals (International):

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
1	Dr. N Vasudha	April 2025	Transformers-Based Multimodal Deep Learning for Real-Time Disaster Forecasting and Adaptive Climate Resilience Strategies	International Journal of Computational and Experimental Science and Engineering	Scopus	6	Co-author	2149-914	-	21
		March-2025	MAXIMIZING THE EFFICIENCY OF AI BASED IOT DEVICES WITH UPGRADED 802.11 AND 802.16 BASED NETWORKS TO OPTIMIZE NETWORK CONGESTIONS	Journal of Theoretical and Applied Information Technology	Scopus	6	Co-author	1992-8645	-	42
2	Dr.T.Ramprasad	March,2025	BIANCHI TYPE VI_0 GENERALIZED GHOST PILGRIMS DARK ENERGY COSMOLOGICAL MODEL IN SAEZ-BALLESTER THEORY OF GRAVITATION	East European Journal of Physics	SCOPUS(Q3) & Web of Science Core Collection (ESCI) IF:1.7	04	First author	ISSN 2312-4539 (Online) ISSN 2312-4334 (Print)	1.8	

3	Dr. R.Hari Kishore	20 December 2024	Hybridized data encoding based encryption and Diffie Hellman decryption for security enhancement	Knowledge-Based Systems	Scopus Science Citation Index Expanded (SCIE)	5	5 th position	Online ISSN: 1872-7409 Print ISSN: 0950-7051	-	188
		18/12/2024	Breast cancer image classification by using HCNN and LeNet5	Discover sustainability	Scopus	4	3 rd position	2662-9984	-	18
4	Dr.Ch.N.Anuradha	March-2025	EFFICIENT SUPERVISED MACHINE LEARNING FOR CYBERSECURITY APPLICATIONS USING ADAPTIVE FEATURE SELECTION AND EXPLAINABLE AI SCENARIOS	Journal of Theoretical and Applied Information Technology	SCOPUS	06	First author	E-ISSN:1817-3195 ISSN: 1992-8645		

(c) Conference:

S.No.	Name of the Faculty	Title	Name of the conference	Duration of 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	Nature-Inspired Adaptive Evolutionary Swarm Optimization for Energy-Efficient Computational Mathematics in High-Performance Computing System	International Conference on Inventive Computation Technologies (ICICT-2025)	23 rd to 25 th April, 2025 (3 days)	International	Tribhuvan University, Nepal	IEEE	-

2	Dr.Ch.N.Anuradha	NEXT-GEN RECRUITMENT: AN AI POWERED HIRING ECOSYSTEM USING NLP	Proceedings of the 6th International Conference on Inventive Research in Computing Applications (ICIRCA-2025)	25 th June to 27 th June-2025 (3 days)	International	Coimbatore, India	IEEE	
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(d) Text Book

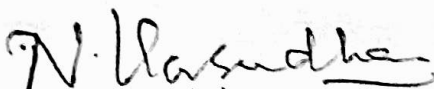
S.No.	Name of the Faculty	Title of the Book	Name of the Publisher	Month and Year of Publication	ISBN/ISSN number	National or Inter National	Total number of Authors	First author (YES/NO)
1								

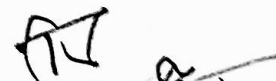
(e) Chapters in Books

S.No	Name of the Faculty	Title of the Book	Name of the Publisher	Month and Year of Publication	ISBN/ISSN number	National or Inter national	Number of Chapters published	Total number of Authors	First author (YES/NO)
1									

(f) Student publications:

S.No.	Name of the Student	Month and Year of Publication / presentation	Title of the Paper	Name of the Journal / conference	National / International	UGC/Scopus/SCI/SCIE / Others / Professional Body Involved in conference publication (IEEE / Elsevier / Springer / etc., / Others) Department has to customize as per department professional bodies (Impact Factor)	Co Authors details	ISBN / ISSN number


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