




Gangadhar Meher University, Sambalpur (Faculty Profile)

Name	Dr.Madhumita Panda			Photograph 
Designation	Associate Professor			
School	Computer Science			
Address (Office)	School of Computer Science, GM University, Sambalpur, Odisha, India			
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Researcher ID	AAZ-7486-2020			
SCOPUS ID	8695151300			
PubMed ID				
Qualifications				
Degree	Institution	Year	Subject Details	
BSc	G.M.College, Sambalpur	2001	Comp.Sc(Hons), Physics, Maths	
MSc	Sambalpur University	2003	Computer Science	
MPhil	-	-	-	
PhD	Sambalpur University	2011	Computer Science	
Any other				
Areas of Interest/ Specialization				
Quality of Service in Networks, Information Security, Business Process Re-engineering				
Teaching/Research Experience				
Organization/Institution	Designation	Duration	Role	
Gangadhar Meher University	Associate Professor	27-02-2020- Till Date	Teaching and Research	
Sambalpur University	Assistant Professor	Around 12 years	Teaching and Research	
Extra-mural Projects (Give Details)				
Completed :				
Projects in hand : 01 (Big Data Platform for Temporal Storage of Clinical Data of Patients of Cardiovascular Diseases and Data Mining for Better Diagnosis and Treatment- Co-Investigator ,funded by ICMR,Project , Duration 3 yrs).				
Projects submitted:				
Ph. D. Guidance				
Guided (), Guiding (03)				

Publications

Number of Publications:

Books/Monographs : Total (0), Last Five Years (0), Last Three Years (0), Last One Year (0)
 Book Chapters : Total (03), Last Five Years (1), Last Three Years (1), Last One Year (1)
 Research papers: Total (27), Last Five Years (22), Last Three Years (8), Last One Year (4)
 Reviews: Total (), Last Five Years (), Last Three Years (), Last One Year ()
 Book chapters: Total (), Last Five Years (), Last Three Years (), Last One Year ()

Best Peer/Review Publications (Up to 5)

1. **Madhumita Panda**, "Performance Analysis of RSA Algorithm with Different Key Lengths", International Journal of Applied Engineering Research(IJAER) Vol. 10, pp 33831-33835, 2015. [ISSN: 0973-4562] (**Scopus**).
2. **Madhumita Panda**, "Text And Image Encryption Decryption Using Symmetric Key Algorithms On Different Platforms", International Journal of Scientific & Technology Research(IJSTR) Vol. 8, Issue 09 , ISSN 2277-8616, pp-388-391, 2019. [ISSN 2277-8616] (**Scopus**).
3. Prasant Kumar Dash, N. K. Barpanda, **Madhumita Panda**, "Congestion Control in Cable Network Transmission using Novel RED Algorithm", International Journal of Innovative Technology and Exploring Engineering (IJITEE), Vol.8 Issue 10, pp-2322-2324, 2019. [ISSN: 2278-3075] (**Scopus**).
4. **Madhumita Panda**, Pinakini Pradhan, Hitesh Mohapatra, N.K. Barpanda, "Fault Tolerant Routing In Heterogeneous Environment", International Journal of Scientific & Technology Research(IJSTR), Vol 8, Issue 08, pp-1009-1013, 2019. [ISSN 2277-8616] (**Scopus**).
5. Saubhagya Ranjan Jena, Manas Ranjan Mallick, Jagamohan Padhi, **Madhumita Panda** "Ant-colony Algorithm Based Routing Using Swastika Clustering in WSNs "International Journal of Control Theory and Applications(IJCTA), Vol.9, Issue 16, pp.8181-8192, 2016. [ISSN:0974-5572] (**Scopus**).

Paper Presentation in Major Conferences (Up to 5)

1. "A Novel Approach To Maximize Network Life Time By Reducing the Variance of Power Consumption Among Nodes In Wireless Sensor Network" at International Conference on Electrical, Electronics and Data Communication(ICEEDC) held at Trivandrum on 13th Oct, 2013.
2. "Performance Evaluation of Ant Colony Optimization Algorithm and Genetic Algorithm in Travelling Salesman Problem" in UGC Sponsored National Conference on Recent Trends in Computing, Communication & Applications, held on 13th-14th May, 2017, Organised by Department of Computer Application, North Orissa University.
3. "Performance Analysis of Symmetric Cryptographic Algorithms", in International Conference on Advance Studies in Engineering and Sciences, held on 2nd December, 2017 at Satya Sai University of Technology and Medical Sciences, Bhopal.

4. “Image File encryption using symmetric Key Algorithms”,in International Conference on Recent Trends in Engineering Science and Management held on 23rd and 24th April,2018,organized by School of Electronics and Communication Engineering,RevaUniversity,Bengaluru.
5. “Broadcast Reliability Evaluation of Multistage Interconnection Networks”,in National Conference on Innovative Structural Materials organized by Advanced Engineering Materials Research Foundation(AEMRF),during 24th -25th December,2018 at Bhubaneswar.

Patents (if any)

Filed: (), Accepted: ()

Events (Seminar/Symposium/Webinar/Workshop/FDP/Conference etc.) organized in capacity of convener/co-convener

National: (02), International: ()

Memberships of Professional Bodies/Societies (Up to 5)

Other Details (Academic/Research Related)

Research Matrix [Current]

Database	Total citations	Total publications	Open Access	h-index
WoS	02	05	-	1
Publons	02	05	-	1
Scopus	45	13	-	3
PURE	-	-	-	-
GS	155	21	-	7
RG	111	23	-	5
ICI	-	-	-	-

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(Signature)