




Gangadhar Meher University, Sambalpur (Faculty Profile)

Name	Swetaleena Tripathy			Photograph 
Designation	Assistant Professor			
School	Biotechnology			
Address (Office)	Gangadhar Meher University Amruta Vihar, Sambalpur, Odisha Pin- 768004			
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ORCID ID	https://orcid.org/0000-0002-6748-3006			
Researcher ID	AAX-8706-2020			
SCOPUS ID	55628314700			
PubMed ID				
Qualifications				
Degree	Institution	Year	Subject Details	
BA/BSc/BCom	Orissa University of Agriculture and Technology	2006	Agriculture	
MA/MSc/MCom	Kerala Agricultural University	2008	Agriculture Biotechnology	
MPhil				
PhD	Utkal University	2015	Biotechnology	
Any other				
Areas of Interest/ Specialization				
Molecular Biotechnology, Environmental Microbiology				
Teaching/Research Experience				
Organization/Institution	Designation	Duration	Role	
Banki Autonomous College, Cuttack	Lecturer	3 years	Teaching	
Awards and Honors (Top Five only)				
International Collaboration/Consultancy (Top Five only)				

Extra-mural Projects (Give Details)	
Completed : Projects in hand : Projects submitted:	
Ph. D. Guidance	
Guided (), Guiding ()	
Publications	
Number of Publications:	
Books/Monographs :	Total (), Last Five Years (), Last Three Years (), Last One Year ()
Book Chapters :	Total (1), Last Five Years (1), Last Three Years (1), Last One Year ()
Research papers:	Total (12), Last Five Years (5), Last Three Years (1), Last One Year ()
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. Analysis of the metatranscriptome of microbial communities of an alkaline hot sulfur spring revealed different gene encoding pathway enzymes associated with energy metabolism. S Tripathy, SK Padhi, S Mohanty, M Samanta, NK Maiti, 2016, Extremophiles 20 (4), 525-536	
2. Upregulation of transcripts for metabolism in diverse environments is a shared response associated with survival and adaptation of <i>Klebsiella pneumoniae</i> in response to temperature extremes. S Tripathy, R Sen, SK Padhi, S Mohanty, NK Maiti, 2014, Functional & integrative genomics 14 (3), 591-601	
3. Construction of <i>Geobacillus thermoglucosidasius</i> cDNA library and analysis of genes expressed in response to heat stress. S Tripathy, NK Maiti, 2014, Molecular biology reports 41 (3), 1639-1644	
4. Survey of the transcriptome of <i>Brevibacillus borstelensis</i> exposed to low temperature shock. S Tripathy, R Sen, SK Padhi, DK Sahu, S Nandi, S Mohanty, NK Maiti, 2014, Gene 550 (2), 207-213	
5. Profiling of <i>Brevibacillus borstelensis</i> transcriptome exposed to high temperature shock. S Tripathy, SK Padhi, R Sen, S Mohanty, M Samanta, NK Maiti, 2016, Genomics 107 (1), 33-39	
Paper Presentation in Major Conferences (Up to 5)	
Profiling of <i>Klebsiella pneumoniae</i> transcriptome in response to stress. S Tripathy, R Sen, SK Padhi, S Mohanty, NK Maiti, 2014, National conference on Veterinary Microbiology, OUAT, Odisha	
Patents (if any)	
Filed: (), Accepted: ()	
Events (Seminar/Symposium/Webinar/Workshop/FDP/Conference etc.) organized in capacity of convener/co-convener	
National: (2), 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	166	9	Nil	4
Publons	166	9	Nil	4
Scopus	185	9	Nil	5
PURE				
GS	237	9	Nil	5
RG	164	9	Nil	5
ICI				

Swetaleena Tripathy
(Signature)