




Gangadhar Meher University, Sambalpur (Faculty Profile)

Name	Dr. ANANTA PRASAD CHAKRAVERTY			Photograph 
Designation	Assistant Professor			
School	School of Physics			
Address (Office)	School of Physics, G. M. University, Sambalpur-768004, Odisha			
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ORCID ID	https://orcid.org/0000-0002-1497-934X			
Researcher ID	O-5628-2017			
SCOPUS ID	56285856100			
PubMed ID				
Qualifications				
Degree	Institution	Year	Subject Details	
B.Sc.	Bhadrak (Auto.) College, Bhadrak (Fakir Mohan University, Balasore)	2004	Physics, Chemistry, Math, Ancillary and Foundation courses	
M.Sc.	Ravenshaw (Auto.) College, Cuttack (Utkal University, Bhubaneswar)	2006	PHYSICS (Specialization: Electronics)	
M.Tech. (Research)	National Institute of Technology, Rourkela	2007	Metallurgical and Materials Engineering	
Ph.D.	National Institute of Technology, Rourkela	2015	Materials Science	
Any other				
Areas of Interest/ Specialization				
Materials Science, Composite Materials, Polymer Composites, Environmental sustainability of FRP Composites, Carbon based polymer Nano composites, Natural fibrous polymer composites, fly ash based Polymer Composite.				
Teaching/Research Experience				
Organization/Institution	Designation	Duration	Role	
C. V. Raman College of Engineering (Recently known as C. V. Raman Global University, Bhubaneswar)	Assistant Professor	6 years 6 months	Teaching and Research	
Gangadhar Meher University, Sambalpur	Assistant Professor	1 Year 6 Months	Teaching and Research	
Awards and Honors (Top Five only)				
1. Best performing student in High School (Bhadrakali High School, Bhadrak)- 1998 2. Gold Medal award for Best graduate from Fakir Mohan University, Balasore-2005 3. Nalini Kanta Swain Memorial award for Best Performing Student in Dept. of Physics, Ravenshaw (Auto.) College, Cuttack-2005 4. Best Metallographic award in National Conference on Processing and Characterization of Materials (NCPCM-2014) held in NIT, Rourkela. 5. Best Oral Paper Presentation in International Conference on Processing and Characterization of Materials (ICPCM-2018), held in NIT, Rourkela.				

International Collaboration/Consultancy (Top Five only)
Extra-mural Projects (Give Details)
Completed : NIL Projects in hand : NIL Projects submitted: 04
Ph. D. Guidance
Guided (0), Guiding (1)
Publications
Number of Publications: Books/Monographs : Total (1), Last Five Years (1), Last Three Years (1), Last One Year (1) Book Chapters : Total (0), Last Five Years (0), Last Three Years (0), Last One Year (0) Research papers: Total (19), Last Five Years (12), Last Three Years (7), Last One Year (5) Reviews: Total (1), Last Five Years (1), Last Three Years (1), Last One Year (0) Book chapters: Total (0), Last Five Years (0), Last Three Years (0), Last One Year (0)
Best Peer/Review Publications (Up to 5)
1. S. Beura, S. R. Sahoo, D. N. Thatoi, U. K. Mohanty, <u>A. P. Chakraverty*</u> , “Stability of GFRP composites with varied fractions of reinforcement exposed to ageing processes outdoors” Polymers and Polymer Composites, 2020, in press, DOI: 10.1177/0967391120973505. (<i>Impact factor: 2.00</i>) 2. <u>A.P. Chakraverty*</u> , S. Dash, H. S. Maharana, S. Beura, U. K. Mohanty, “A novel investigation on durability of GRE composite pipe for prolonged sea water transportation” Composites Communications, 17 (2020), 42-50 (<i>Impact factor- 6.617</i>) 3. S. Swain, S. Beura, D. N. Thatoi, <u>A. P. Chakraverty*</u> , U. K. Mohanty, “Durability of GFRP composite exposed to outdoors weathering” Composites Communications, 13 (2019) 22-29. (<i>Impact factor- 6.617</i>) 4. S. Beura, D. N. Thatoi, <u>A. P. Chakraverty*</u> , U. K. Mohanty, “Impact of the ambiance on GFRP composites and role of some inherent factors: A review report” Journal of Reinforced Plastics and Composites, 37 (2018) 533-548 (<i>Impact factor- 3.710</i>) 5. H. S. Maharana*, S. Yadav, <u>A. P. Chakraverty</u> , G. D. Verma, “Effect of Mn doping on microstructural and optical behavior of Zn (1– x) MnxO nanorod by simple auto-combustion method” Superlattices and Microstructures, 81 (2015) 142-150 (<i>Impact factor- 2.658</i>) 6. <u>A. P. Chakraverty*</u> , U. K. Mohanty, B. B. Biswal, “Thermal shock behavior of hydrothermally conditioned e-glass fibre/epoxy composites” Emerging Materials Research, 1 (2012) 263-270 (<i>Impact factor- 1.096</i>)
Paper Presentation in Major Conferences (Up to 5)
1. <u>A. P. Chakraverty*</u> , U. K. Mohanty, S. C. Mishra and A. Satapathy; “ <i>Sea Water Ageing of GFRP Composites and the Dissolved Salts</i> ” IOP Conference series: Material Science and Engineering, Vol-75, 01029, 2015 (Web of Science), presented in NCPCM-2014, NIT, Rourkela, 6-7 th Dec, 2014 2. <u>A. P. Chakraverty*</u> , U. K. Mohanty, S. C. Mishra and B. B. Biswal, “Effect of Post-thermal shock on Prolonged Sea Water aged GFRP Composite” Presented in NCPCM -2015, published in IOP Conference series: Material Science and Engineering, Vol-115,012004, 2016, presented in NCPCM-2015, held in NIT, Rourkela 3. <u>A. P. Chakraverty*</u> , U. K. Mohanty, S. C. Mishra and B. B. Biswal, “Effect of Hydrothermal immersion and Hydrothermal Conditioning on Mechanical Properties of GRE Composite” Presented in NCPCM -2016, published in IOP Conference series: Material Science and Engineering, Vol-178, 012013, 2017 4. <u>A. P. Chakraverty*</u> , D. Parida, S. Dash, M. Parida, S. Beura, U. K. Mohanty, “Thermo-mechanical response of post-plasma irradiated E-glass fibre/epoxy composite” Materials Today Proceedings, in Press, 2020 (Presented in International Conference on Processing and Characterization of Materials (ICPCM-2019), held in NIT, Rourkela. 5. <u>A. P. Chakraverty*</u> , S. Beura, U. K. Mohanty, S. C. Mishra, B. B. Biswal, “Gamma-Irradiation of E-glass/epoxy composite: A study of its Mechanical and Thermal sustainability” Material Science Forum 978 (2020) 296-303 (Presented in International Conference on Processing and Characterization of Materials (ICPCM-2018), held in NIT, Rourkela) 6. S Beura, <u>AP Chakraverty</u> , DN Thatoi, UK Mohanty*, M Mohapatra, “Failure modes in GFRP composites assessed with the aid of SEM fractographs” Materials Today Proceedings 41 (2021), 172-179
Patents (if any)
Filed: (0), Accepted: (0)
Events (Seminar/Symposium/Webinar/Workshop/FDP/Conference etc.) organized in capacity of convener/co-convener
National: (3 webinars), International: (0)

Memberships of Professional Bodies/Societies (Up to 5)**Other Details (Academic/Research Related)**

Teaching Interest

PG Subjects

1. Quantum Mechanics-I/II
2. Advanced Quantum Mechanics
3. Solid State Physics
4. Mathematical Physics
5. Electronics

Research Interest

1. Polymer Nano Composites
2. Carbon based (GO and CNT) Glass fibre reinforced Polymer nano composites

Research Matrix [Current]

Database	Total citations	Total publications	Open Access	h-index
WoS	73	13	0	3
Publons	73	13	0	3
Scopus	76	15	0	4
PURE				
GS	297	19	0	7
RG	170	19	0	5
ICI	0	0	0	0

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(Signature)