Curriculum Vitae

Name: Dr. Papari Das

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OBJECTIVE

To work in the domain of academics and research and explore the various opportunities for personal and professional growth as an individual by significantly contributing to teaching and also to related field of research in a dynamic and reputed institution.

- **Ph.D Thesis Title:** Development of Graphene Based Polymer Composites for Efficient Electromagnetic Interference (EMI) Shielding
- PhD research deals with synthesis and characterization of graphene based polymer nanocomposites and quantifying the electromagnetic interference shielding effectiveness (EMI SE) of synthesized composites.

❖ **Areas of Interest**: Materials Science, Manufacturing, Materials synthesis & characterization, Nanotechnology, Production & Industrial Engineering.

RESEARCH WORKS

Sl No.	Title of paper	Authors	Name of the Journal	Vol. & Year
1	A Novel Approach to Synthesize Reduced Graphene Oxide (RGO) at Low Thermal Conditions	Papari Das, Ashish. B. Deoghare, S. R. Maity	Arabian Journal for Science and Engineering, Springer publication (SCI) https://doi.org/10.1007/s13369-020-04956-y	Vol .46, No. 6, 2020
2	Exploring the Potential of Graphene as an EMI shielding material – An Overview	Papari Das, Ashish. B. Deoghare, S. R. Maity	Materials Today Proceedings, Elsevier Publication (Scopus) https://doi.org/10.1016/j.matpr.2020.02.193	Vol. 22, No. 4, 2020
3	Synergistically improved thermal stability and Electromagnetic Interference Shielding Effectiveness (EMI SE) of in-situ synthesized polyaniline/sulphur doped reduced graphene oxide (PANI/S-RGO) nanocomposites	Papari Das, Ashish. B. Deoghare, S. R. Maity	Ceramics International, Elsevier Publication (SCI) https://doi.org/10.1016/j.ceramint.2021.12.323	Vol. 48, N0. 8, 2022

4	Fabrication and Characterization of Polyaniline (PANI) Modified with Reduced Graphene Oxide (RGO) Nanosheets	Papari Das, Ashish. B. Deoghare, S. R. Maity	Materials Today Proceedings, Elsevier Publication (Scopus) https://doi.org/10.1016/j.matpr.2022.09.397	Vol. 72, N0. 4, 2023
5	Enhanced Morphological, Mechanical and Dielectric Properties of Paraffin Wax incorporated with Polyaniline (PANI) and Reduced Graphene Oxide (RGO) nanocomposites	Papari Das, Ashish. B. Deoghare, S. R. Maity	Diamond and Related Materials, Elsevier Publication (SCI) (Accepted) https://doi.org/10.1016/j.diamond.2023.110361	Vol. 139, 110361 2023
6	Electromagnetic Pollution and its Control with Superior Polymeric Materials – An Overview	Papari Das, Ashish. B. Deoghare, S. R. Maity	Technical Volume cum Souvenir by The Institution of Engineers (India) ISBN : 978-81-953187-2	August 2023
7	Natural Fibre/Graphene Reinforced Epoxy Composite as a Mechanical Shock Absorber	Papari Das, Beesesh Gurung, Azaruddin Ansari	Book Chapter for International Conference on Advances in Sustainable Development, Innovation and Green Technology (ICASDIGT-2024) Series: Green Research, Developments, and Programs https://doi.org/10.52305/SCZK7425	June 2025
8	Morphological Study of Graphene based Polyaniline Nanocomposite	Papari Das, Ashish. B. Deoghare, S. R. Maity	Book Chapter for Recent Trends Fostering Future of Engineering ISBN : 978-81-964605-4-9	2023

WORK EXPERIENCE with ACHIEVEMENTS

- Worked as an Assistant Professor for Mechanical Engineering Department in Chalapathi Institute of Technology, Guntur, Andhra Pradesh from 01.06.2016 to 08.04-2017.
- Worked as a guest lecturer in Assam Engineering Institute (AEI), Guwahati, Assam from a period of two months from July to August, 2017.
- Worked as a reviewer for Parul University International Conference on Engineering & Technology (PiCET-2020) held on November 06-07, 2020.
- Teaching assistant in PhD tenure.
- Awarded Session-wise and Track-wise best paper award for technical paper titled "Fabrication and Characterization of Polyaniline (PANI) Modified with Reduced Graphene Oxide (RGO) Nanosheets" at ICPCM-2022.
- Work as a Reviewer for 'Materials Chemistry and Physics' Journal with an Impact Factor of 4.3.
- Working as an Assistant Professor for Program of Mechanical Engineering in Assam down town University from September 2022 to July 2025.
- 1 Patent granted: **Patent No. 539883**. Invention entitled 'DEVELOPMENT OF COMPOSITE MATERIALS FOR EFFICIENT ELECTROMAGNETIC INTERFERENCE (EMI) SHIELDING'.

ACADEMIC DETAILS

Educational Details	Passing Year	College /School	Discipline	University/ Board	Passing Class/Division
Ph.D	2022	National Institute of Technology Silchar, Assam	Mechanical Engineering	National Institute of Technology, Silchar	
PG	2015	Jorhat Engineering College, Assam	Production & Industrial Engineering (Mechanical)	Dibrugarh University	First (75%)
UG	2011	Assam Engineering College, Assam	Industrial & Production Engineering	Gauhati University	First (73.15%)
HS	2006	Swadeshi Academy Junior College		Assam Higher Secondary Education Council	First (72.2%)
HSLC	2004	Nichols High School		Board of Secondary Education, Assam	First (66%)

PERSONAL DETAILS

- Date of birth :27th February 1988
- Languages known : Assamese, English, Hindi, Bengali
- Marital status : Married

DECLARATION

I hereby declare that the data furnished above are true and correct to the best of my knowledge and understandin