



MUGBERIA GANGADHAR MAHAVIDYALAYA

P.O.—BHUPATINAGAR, Dist.—PURBA MEDINIPUR, PIN.—721425, WEST BENGAL, INDIA

NAAC Re-Accredited B+Level Govt. aided College

CPE (Under UGC XII Plan) & NCTE Approved Institutions

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E-mail : mugberia_college@rediffmail.com // www.mugberiagangadharmahavidyalaya.ac.in

Collaborative Research Activities with Dr Hemakesh Mohapatra, Assistant Prof., Materials Science Centre, IIT, Kharagpur, India



भारतीय प्रौद्योगिकी संस्थान खड़गपुर

INDIAN INSTITUTE OF TECHNOLOGY KHARAGPUR

Dr. Hemakesh Mohapatra
Assistant Professor
Materials Science Centre
IIT Kharagpur

To whomever it may concern

This is to certify that the undersigned is in collaboration with Dr. Bidhan Chandra Samanta, Associate Professor, Department of Chemistry, Mugberia Gangadhar Mahavidyalaya, West Bengal India since January, 2021.

As a part of the collaborative effort, we have recently submitted a paper name titled “Evaluation of mechanical and thermal properties for natural mat fiber reinforced modified epoxy composites along with a comparison with synthetic glass fiber reinforcement.” Dr. Samanta’s laboratory provides the expertise and materials required for the fabrication of natural fiber reinforced composites, while in our laboratory we performed the material characterization including thermal and mechanical testing. Additionally, we have a requirement for scholars who are proficient in both organic chemistry and in polymer science, for which we value Dr. Samanta’s departmental contribution towards provide the training to potential future Ph. D. scholars for our Centre.

We would like to continue this fruitful collaboration for the next few years.

Sincerely

Hemakesh Mohapatra

Dr. Hemakesh Mohapatra
Assistant Professor
Materials Science Centre
Indian Institute of Technology Kharagpur
India

The screen shot of these publications from the collaborative works are shown below:

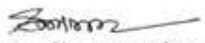
The image displays two screenshots of a web browser showing a research article on Emerald Insight. The top screenshot shows the article title, authors, and purchase options. The bottom screenshot shows the abstract and related articles section.

Top Screenshot:

- Browser tabs: Yahoo Search - Web Search, Mugberia Gangadhar Mahavidya, Effect of an amine-aldehyde condensate modifier on the thermal and mechanical properties of fiber-reinforced epoxy composites, Download file | iLovePDF.
- URL: emerald.com/insight/content/doi/10.1108/PRT-01-2023-0009/full/html
- Page header: Access and authentication: Please visit our page. Welcome Guest user.
- Search bar: Enter your search terms here. Advanced search.
- Breadcrumbs: Home / Journals / Pigment & Resin Technology / Effect of an amine-aldehyde condensate modifier on the thermal and mechanical properties of fiber-reinforced epoxy composites
- Article title: Effect of an amine-aldehyde condensate modifier on the thermal and mechanical properties of fiber-reinforced epoxy composites
- Authors: Goutam Kumar Jana, Sumit Bera, Ribhu Maity, Tithi Maity, Arjun Mahato, Shibayan Roy, Hemakesh Mohapatra, Bidhan Chandra Samanta
- Purchase options: Add to cart (£32.00 excl. tax, 30 days to view and download), Access through your institution, Access and purchase options.

Bottom Screenshot:

- Browser tabs: Same as the top screenshot.
- URL: Same as the top screenshot.
- Page header: Access and authentication: Please visit our page. Close X.
- Search bar: Enter your search terms here. Advanced search.
- Article title: Effect of an amine-aldehyde condensate modifier on the thermal and mechanical properties of fiber-reinforced epoxy composites
- Authors: Goutam Kumar Jana, Sumit Bera, Ribhu Maity, Tithi Maity, Arjun Mahato, Shibayan Roy, Hemakesh Mohapatra, Bidhan Chandra Samanta
- Journal: Pigment & Resin Technology, ISSN: 0369-9420
- Article publication date: 9 October 2023
- Permissions: [icon]
- Downloads: 18
- Abstract: Purpose The manufacture of polymer composites with a lower environmental footprint requires incorporation of sustainably sourced components. In addition, the incorporation of novel components should not compromise the material properties. The purpose of this paper is to
- Related articles: Experimental study on effect of fiber length and fiber content on tensile and flexural properties of bamboo fiber/epoxy composite Girdharan R. et al., Multidiscipline Modeling in Materials and Structures, 2019.


Dr. Swapan Kumar Misra
Principal
Mugberia Gangadhar Mahavidyalaya
Principal
Mugberia Gangadhar Mahavidyalaya