



Dr. Mamata Mohanty

Designation: Assistant Professor, Stage-III

Qualification: M.Sc, M. Phil., PhD

Date of Birth: 04.07.1969

Date of Joining: 13.05.1999

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ORCID: <https://orcid.org/0009-0009-1701-148X>

VIDWAN: <https://vidwan.inflibnet.ac.in/profile/381422>

WOS: <https://www.webofscience.com/wos/author/record/HTN-0904-2023>

Area of Interest

Polymer Chemistry, Environmental Science

Courses taught

Organic Chemistry, Inorganic Chemistry, Physical Chemistry, Analytical Chemistry, Polymer Chemistry, Green Chemistry, Environmental Chemistry.

Career

Assistant Professor, Stage-III (2021-present): Rama Devi Women's University, Bhubaneswar

Teaching Experience

24 years

Research Experience

13 years

Administrative/Executive Experience (only prominent/statutory roles including membership of academic council/syndicate/board of studies. Avoid mere membership in committees)

HOD, Dept. of Chemistry, Rama Devi Women's University (December 2018-present)

Deputy Controller of Examination, Rama Devi Women's University (July 2014-November 2020, July-2021-August 2022)

Controller of Examination, Rama Devi Women's University (30th August 2022-present)

Chairman Board of Studies in Chemistry, Rama Devi Women's University (2019-present)

Member Academic Council, Rama Devi Women's University (2021-present)

Member Board of Studies in Chemistry, SCS Auto. College (2020-present)

Publications

Journal publications (Give the entire list of publication in Scopus/SCI-WoS/UGC care only)

1. M. Priyadarsini, **M. Mohanty**; Sustainable Bio-Composites & its Application to Medical Field; Science: Today and Tomorrow, RDWU Bulletin of Science, 2019, 1(1).
2. R. K. Samal, S. Acharya, **M. Mohanty**, M. C. Ray: FTIR spectra and physico-chemical behaviour of Vinyl ester participated trans-esterification and curing of Jute, Journal of Applied Polymer Science, Vol. 77, April, 2000.
3. R. K. Samal, B. B. Panda, S. K. Rout and **M. Mohanty**: Effect of Chemical Modification on FTIR spectra. I. Physical and chemical behaviour of Coir: Journal of Applied Polymer Science, Vol. 58, 745-752 (1995).
4. R. K. Samal, B. B. Panda, **M. Mohanty** and S. K. Rout: Effect of Chemical Modification on FTIR spectra. : Physical and chemical behaviour of Coir-III: Macromolecules, Current trends Vol-1, 36-41, Jan 11-13, 1995.
5. R. K. Samal, **M. Mohanty** ,B. B. Panda and S. K. Rout: Chemical modification of jute: Part-I-effect of alkali treatment, cyanoethylation, acetylation and benzylation on FTIR spectra and Physico-chemical behaviour of Jute: Ind. Jour. Of Fibre and Textile Research, Vol-22, 195-201, September, 1997.
6. R. K. Samal, S. K. Rout B. B. Panda and **M. Mohanty**: Effect of Chemical Modification on FTIR Spectra: Physical and Chemical behaviour of coir-II:J. Polym. Mater, Vol-12, 229-234, 1995.
7. R. K. Samal, **M. Mohanty** and B. B. Panda: Effect of Chemical Modification on FTIR Spectra: Physical and Chemical behaviour of Jute--II:J. Polym. Mater, Vol-12, 235-240, 1995

Participation in Conferences & Seminars (as invited/plenary/chair)

1. **Dr. Mamata Mohanty** (2022) Invited speaker at Kamala Nehru Women's College, December 24th 2022, Bhubaneswar, Odisha.