



Siba Sankar Nayak, M.Sc., Ph.D

Name : Dr. Siba Sankar Nayak

Designation: Associate Professor

Department : Department of Basic Science and Humanities
(JOINED THE INSTITUTE IN 2008)

Contact : 9861930033 (M)

Email : snayak@silicon.ac.in; snayak_2009@yahoo.co.in

RESEARCH INTERESTS:

Synthesis & Characterization of Synthetic Resins &
Biopolymers, Green Chemistry

Academic Qualifications:

Ph. D. (Chemistry): Utkal University, Bhubaneswar, India
M.Sc. (Chemistry), Utkal University

Teaching Experience/Research Experience:

Teaching experience: 18 years

PUBLICATIONS

Journal & Conferences

- 1) Polymers From Renewable Resources: XI, Synthesis & Characterization of Thermosetting Resins Derived From cardanol acrylate- formaldehyde- substituted aromatic compounds, S.S. Nayak, D.k. Mishra, P.I Nayak, S. Lenka, MACROMOLECULAR REPORTS,A32(supp.4),511-521(1995)
- 2) Polymers from renewable resources: X, Semi-Interpenetrating Polymer Networks based on castor oil- PU & cardanol Furfural resin: SEM &XRD Studies D.K. Mishra, S.S. Nayak, S. Lenka, MACROMOLECULAR REPORTS, A32(SUPP.4) 499-510(1995)

3) Polymers from renewable resources: XXII Studies on synthesis & thermal properties of interpenetrating polymer networks derived from castor oil-isophorone diisocyanate-cardanyl methacrylate/poly cardanyl methacrylate. D.das, S.S Nayak, S. Lenka, THERMOCHIMICA ACTA 297(1997)101-107

4) Polymers from renewable resources: XIX:Synthesis & characterization of copolymers from cardanyl acrylate and vinyl monomers, S.S. Nayak, S.K. Das, S.Lenka, REACTIVE & FUNCTIONAL POLYMERS,4(1998)105-110

ANY OTHER

Book Published:

An introduction to green technology published by Walnut publication, New Delhi (2020).

Professional Membership: OCS, OES, OBA, ISTE, ACT, ISCA