



## Siba Sankar Nayak, Ph.D.

Designation : Additional Professor

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

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### RESEARCH INTERESTS

- ✓ Green Chemistry
- ✓ Synthesis & Characterization of Synthetic Resins & Biopolymers
- ✓ Environmental Chemistry

### Academic Qualifications

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

### Teaching Experience/Industrial Experience/Research Experience

- ✓ 20Yrs (Teaching)
- ✓ 5 Yrs (Research)

## PUBLICATIONS

### JOURNALARTICLES & CONFERENCE PAPERS

1. Polymers From Renewable Resources: XI, Synthesis & Characterization Thermosetting Resins Derived From cardanyl 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 & carnanol 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 IPNs derived from castor oil-isophorone diisocyanate-cardanyl methacrylate/poly cardanymethacrylate. 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
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**Book Published:**

1. An introduction to Green Technology published by Walnut publication, New Delhi (2020).
2. Nobel Laureates In Science & Madicine (1901-2023) by White Falcon Publication, New Delhi(2024)

**Professional Membership:**

OCS, OES, OBA, ISTE, ACT, ISCA