PERSONAL DETAILS

Name	**Dr Ganeswar Sahu**
Designation	**Assistant Professor, Department of Chemistry**
Address	**Niladri Vihar Lane-4, Gunupur, Rayagada, Odisha-765022**
Phone No/Mob. No.	**+91 9437641818**
Email	**Ganeswarsahu.chem@gmail.com**

AWARDS AND DISTINCTIONS

NA

EDUCATIONAL QUALIFICATIONS

DEGREE	INSTITUTION/UNIVERSITY	YEAR
Ph. D In Chemistry	KIIT University, Bhubaneswar	2021
M. Phil. In Chemistry	Berhampur University	2006
M. Sc. In Chemistry	Khallikote Auto. College, Berhampur	1999

CAREER PROFILE

As Principal and Associate Professor in Chemistry at Maharshi +3 Science Residential College, Gunupur from February 2022 to August 2022(**1.5 years**).

As Assistant Professor in Chemistry at GIET, Ghangapatna, Bhubaneswar from December 2013 to till date (**8 years**).

As Assistant Professor in Chemistry at GIET, Gunupur from August 2004 to November 2013(**9 years**)

As Lecturer in Chemistry at Padhee's Tutorial Pvt. Ltd., Berhampur from August 2000 to August 2004 (**4 years**)

As Lecturer in Chemistry at Vidya Institute, Berhampur from November 1999 to July 2004 (**8**

months)

AREAS OF INTEREST / SPECIALIZATION

Polymer Nanocomposite Synthesis, characterization and properties studies

ASSOCIATION WITH PROFESSIONAL BODIES/COMMITEES

1. Life member of Orissa Chemical Society (OCS)
2. Life time membership of ISTE

PUBLICATION PROFILE

BOOKS/MONOGRAPHS (AUTHORED/EDITED)

NA

CHAPTERS (AUTHORED/EDITED)

NA

RESEARCH PAPERS PUBLISHED IN REFEREED/PEER REVIEWED JOURNALS

1. **G. Sahu**, M. Das, M. Yadav, B. P. Sahoo and J. Tripathy, Dielectric relaxation behavior of silver nanoparticles and graphene oxide embedded poly(vinyl alcohol) nanocomposite film: An effect of ionic liquid and temperature, ***Polymers***, 374(12), 1-16, 2020. (Scopus indexed)

2. **G. Sahu**, J. Tripathy and B. P. Sahoo, Significant enhancement of dielectric properties of graphene oxide filled polyvinyl alcohol nanocomposites: Effect of ionic liquid and temperature, ***Polymer Composites***, 25722, 1-20, 2020. ((Scopus indexed)

3. **G Sahu**, M Das, C Sethy, R Wazalwar, C N Kundu, A M Raichur and J Tripathy, Ionic liquid-assisted fabrication of poly(vinyl alcohol)/nanosilver/graphene oxide composites and their cytotoxicity/antimicrobial activity, ***Materials chemistry and Physics***, 266, 1-13, 124524, 2021. (Scopus indexed)

4. **G Sahu**, M Das, J Tripathy, B P Sahoo, Effect of Graphene Oxide and Temperature on Dielectric Relaxation Behaviour of Poly(vinyl Alcohol based nanocomposites, Lecture notes on Mechanical Engineering, Springer, pp 469-478, 2021.

5. M Das, **G Sahu**, J Tripathy, B P Sahoo Fabrication of Chitosan- Caboxymethyl cellulose Silver Nanocomposite Films as Antimicrobial Materials, Lecture notes on Mechanical Engineering, Springer, pp 351-359, 2021.

EDITING EXPERIENCE

NA

SYMPOSIUM/WORKSHOP/CONFERENCE/SEMINAR ORGANIZATION/ PRESENTATIONS

1. MWNT filled Polyvinyl alcohol nanocomposites: influence of ionic liquid on dielectric behaviour, **G. Sahu**, N. K. Hota, B. P. Sahoo, J. Tripathy, National Seminar on Recent Trends in Chemical Sciences, November 13-14, 2014. Sambalpur University, Burla.

2. Single-walled Carbon Nanotube Filled Polyvinyl Alcohols Nanocomposites: Influence of Ionic Liquid on the Dielectric Behaviour, **G. Sahu**, N. K. Hota, B. P. Sahoo, J. Tripathy, International conference on Innovative applications of chemistry in pharmacology and technology, February 06-08, 2015. Berhampur University, Bhanja Vihar, Berhampur, Odisha.

3. Graphene oxide and Reduced Graphene Oxide filled Polyvinyl Alcohol Nanocomposites, **G. Sahu**, N. K. Hota, J. Tripathy, B. P. Sahoo, International conference on "Advancement in Polymeric Materials (APM-2018), February 02-04, 2018. CIPET, Bhubaneswar.

4. Fabrication of Carbon nanofiller and Poly(vinyl alcohol) based Nanocomposite Films for Dielectric applications, **G. Sahu**, B. P. Sahoo, J. Tripathy, 32nd Annual conference of Orissa Chemical Society & National seminar on Recent Advances in functional Nanomaterials. December 23-24, 2018. NIST, Berhampur.

5. Fabrication of Reduced graphene oxide /Poly(vinyl alcohol) Nanocomposite Films and Influence of Ionic Liquid on their Dielectric Behaviour, G.Sahu. J. Tripathy. B. P. Sahoo, National seminar on Science and Technology for Indigenous Development in India December 09-11, 2015, KIIT University Bhubaneswar.

6. Reduced Graphene Oxide filled Thermoplastic Polyurethane Nanocomposites: Influence of ionic liquid on Mechanical, Dynamic Mechanical and Dielectric Properties, N. K. Hota. **G. Sahu**, J. Tripathy. B. P. Sahoo. National Seminar on Recent Advances in Material Sciences for Sustainable Energy and Environment, December 24-25, 2015, IGIT, Sarang.

7. Effect of Graphene Oxide and Temperature on Dielectric Relaxation Behaviour of Poly(vinyl Alcohol based nanocomposites, **G. Sahu**, International conference on Advances in Mechanical processing and Design-2019, October 18-20, 2019, KIIT, Bhubaneswar.

ORIENTATION/REFRESHER/FDP/TRAINING COURSES

NA

RESEARCH PROJECT

NA

OTHER ACTIVITIES

NA