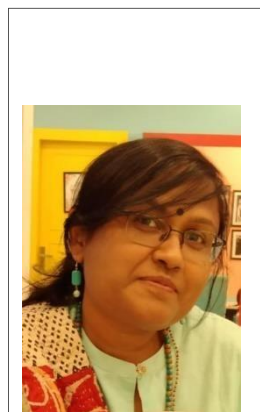


FACULTY PROFILE



1) Name of the Faculty Member : Dr. SANCHARI KAR

2) Designation: ASSOCIATE PROFESSOR (Chemistry)

3) Educational Qualification: MSc PhD

4) Teaching Experience in years : 23 years

5) List of Publications:

(i) "Effect of phosphorylation on the structure and fold of transactivation domain of p53" (2002) *JBC* **277**, 15579-1558

(ii) "Differential recognition of phosphorylated transactivation domain of p53 by different p300 domains"(2008) *J.Mol.Biol* **376**,8-12

(iii) "SMAR 1 forms a ternary complex with p53-MDM2 and negatively regulates p53-mediated transcription"(2009) *J.Mol.Biol* **388**,691-702

(iv) "Role of p53 as the guardian of genome" *Bangabasi academic journal* (2011-12) **9**,7-12

(v) "GM –Foods: An answer to the hunger that raised many questions" *Bangabasi academic journal* (2013-14) **11**, 26-32

(vi) "Lead toxicity in ground water: A threat to child health" *Bangabasi academic journal* (2014-15) **12**, 1-5

(vii) "p300/CBP proteins: A HAT Trick to determine cell fate" *Prajnan O Sadhona –A Science Annual* (2015) **2**, 143-150

6) Research Projects undertaken (if any): UGC MRP (2014-2016)

Grant Amount: Rs.4.95 lakh

Topic: ***Organometallic Anticancer Agent, an intercalative DNA coordinator***

7) Seminars attended & Paper presented (if any): 5

Title of the paper presented	Title of the conference	Organized by	Category of seminar	Date
NMR and Fluorescence spectroscopic studies on transactivation domain of human p53	NMRS 2004 Symposium on NMR Drug design and Bioinformatics	Bose Institute & S.N.Bose National Centre For basic Science	International Seminar	20.02.2004
Structural consequences of p53 phosphorylation	National seminar on relating under graduate level chemistry to current advances	Department of Chemistry, Krishnagar Women's College	UGC sponsored National level	28.09.2013
Controversies around GM Crops in India	Food security and GM Crops	Department of Physics, Serampore College	WBSCST sponsored National level	08.10.2013
Therapeutic applications of organometallics	Role of chemistry in human civilisation	Department of Chemistry, Jogesh Chandra Chaudhuri College	State level	26.09.2014
Lead toxicity of ground water: Its impact on child health	Ground water: Issues and Challenges of the 21 st Century	Sripat Singh College, Jiaganj, Murshidabad	International Seminal	29.12.2014

Extracurricular activities (any additional information if any) :

1. Reviewer of articles submitted in the research journal "Academia: Basanti Devi College" in 2019 issue and 2023 issue
2. Session chair in International Conference on Chemical and Environmental Sciences (ICCAES 2024) at Kolkata on 13.01.2024