

Teacher's Profile

General Information

Name: Mrs. Swagatika Samantaray

Designation: State Aided College Teacher-I (SACT-I)

Department: Biochemistry

Contact Information: swagatika_parija@rediffmail.com

Specialization: Organic Chemistry

Date of joining Sarsuna College-25 /11/2009

Position Held [previous service]:



Name of the Employer	Position Held	Duration/Year
Regional Research Laboratory (CSIR) Bhubaneswar	Project Assistant Gr-II	2003-2006

Academic Qualification

Degree	College/University/Institution	Year
B.Sc (Chemistry)	Berhampur University	1999
M.Sc (Chemistry)	Berhampur University	2001
M.Phil (Chemistry)	Berhampur University	2005

M.Phil	Title of thesis	College/University/Institution	Year
	Studies on the synthesis of heterocyclic compounds	Berhampur University	2005

- Qualified GATE-Chemistry
- Qualified CSIR-UGC-NET (LS) (Chemistry)

Publications:

1. Using phosphorus of MoO₃/ZSM-5 to modify performance in methane dehydroaromatisation. S. Burns, J.S.J. Hargreaves, P.Pal, K. M. Parida, S. Parija, J. Molecular catalysis, A: Chemical 245 (2005) 141-146.2.
2. The effect of dopants on the activity of MoO₃/ZSM-5 catalysts for the dehydroaromatisation of methane. S. Burns, J.S.J. Hargreaves, P.Pal, K. M. Parida, S. Parija, Catalysis Today, 114, 4 (2006) 383-387.
3. Photocatalytic degradation of phenol under solar radiation using microwave irradiated zinc oxide, K.M. Parida, Swagatika Parija. Solar Energy 80, 8 (2006) 1048-1054.
4. Preparation, characterization of molybdophosphoric and tungstophosphoric acid intercalated zinc aluminium hydrotalcite like compounds and their catalytic evaluation towards the oxidative bromination of phenol. K.M. Parida, S. Parija, J.Das, P.S. Mukherjee. Catalysis communications 7, 11 (2006) 913-919.

Seminar/Workshop/others attended

1. Attended the Workshop on 'A Roadmap of better performance in Biochemistry Honours' under CBCS held in the Department of Biochemistry, Vidyasagar College, Kolkata on 11th October 2018.
2. Attended the Workshop for U.G Biochemistry Teachers on B.Sc. Syllabus in Biochemistry (Hons. & General) under CBCS system held in Department of Biochemistry, University of Calcutta on 2nd July, 2018.