

FACULTY PROFILE

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|----|-------------------------------------|---|
| 1. | Name of the teacher | : Dr. Sulagna Patnaik |
| | | : Email: sulagnapatnaik68@gmail.com |
| | | : Mobile: 9437410894 |
| 2. | Designation | : Lecturer (Gr A) in Chemistry |
| 3. | Date of Birth | : 02.06.1968 |
| 4. | Date of entry in the Public Service | : 02.09.1991 |
| 5. | Education Qualification | : M.Sc., Ph.D. |
| 6. | Teaching Experience | : 28 Years |
| 7. | Specialisation | : Inorganic Chemistry |
| 8. | Research work | : Material chemistry |



i) Topic of research leading to Ph.D. Degree:

“Photocatalytic applications of Graphitic-C₃N₄ for the generation of Hydrogen energy and degradation of Environmental pollutants”

ii) Guideline of research if any: 4years of research experience.

iii) Papers published : 14

- 1) *Inorg. Chem. Front.*, 2016, 3, 336-347
- 2) *RSC Adv.*, 2016, 6, 46929-46951
- 3) *Phys Chem ChemPhys.* 2016, 18, 28502-28514
- 4) *RSC Adv.*, 2016, 6, 112602
- 5) *Energy Technology*, 2017, 5, 879-896
- 6) *Renewable and sustainable energy reviews.* 2017, 82, 1297-1312.
- 7) *Nanoscale*, 2018, 10, (13) 5950 – 5964.
- 8) *Catalysis Today*, 2018 DOI: 10.1016/j.cattod.2018.04.008
- 9) *Inorganic Chemistry Frontiers* 2019, 5 (4), 879-896
- 10) *Chemistry Select* 2019, 4 (5), 1806-1819
- 11) One Book chapter, Chapter 9: Nanocomposites of g-C₃N₄ with Carbonaceous pi-conjugated/Polymeric Materials towards Visible Light-Induced Photocatalysts, *Springer*
- 12) *Inorganic Chemistry Frontiers*, 2019, 6 (1), 94-109.
- 13) *Catal. Sci. Technol.*, 2019, **9**, 2493-2513

14) *Catal. Sci. Technol.*, 2019, **9**, 916-941

9. Previous places of posting:

Sl.No.	Place of posting	Period
1	Rayagada Autonomous College	02.9.1991-16-8-2011
2	Nimapara Autonomous College	17.8.2011-Till date

10. Refresher courses attended-03

Sl.No	Name of the Course	Academic Staff College/University	Period	Grade
1	Refresher Course	Sambalpur University	07.07.08 to 27.07.08	A
2	-do-	-do-	24.01.2011 to 13.02.2011	A
3	-do-	Utkal University	04.02.2013 To 24.02.2013	A

11. Seminars attended – 05

Sl.No.	Theme of the Seminar	Organized by	Period
1	DNEES-2015	ITER, SOA University, BBSR	02.05.2015 & 03.05.2015
2	DNEES-2016	ITER, SOA University, BBSR	09.05.2016 & 02.05.2015
3	OCS-2016	KIIT Campus, BBSR	24.12.2016 & 24.12.2016
4	FDP-2016	C V Raman college, BBSR	12.12.2016 to 17.12.2016
5	FDP-2016	ITER, SOA University, BBSR	03.8.2017 to 08.8.2017