

## FACULTY PROFILE

- |    |                                     |   |                           |
|----|-------------------------------------|---|---------------------------|
| 1. | Name of the teacher                 | : | Dr. Pradyumna Kumar Swain |
| 2. | Designation                         | : | Reader in chem            |
| 3. | Date of Birth                       | : | 25.06.1964                |
| 4. | Date of entry in the Public Service | : | 20.01.1988                |
| 5. | Education Qualification             | : | M.Sc., PhD.               |
| 6. | Teaching Experience                 | : | 31 Years                  |
| 7. | Specialisation                      | : | Organic Chemistry         |
| 8. | Research work                       | : |                           |



i) Subject of Research leading to Ph.D degree: **“Synthesis and characterization of Biodegradable polymers from Chitosan”**

ii) Papers published- 07 (Seven)

- 1) Synthesis and characterization of polyvinyl alcohol/closite 30b (MMT) nanocomposite for controlled release of anticancer drug curcumin. International journal of advance in Pharmacy, biology and chemistry. 3(4), 2014, 926-932.
- 2) Preparation and characterization of Chitosan nanocomposites in different solvents and its antimicrobial activity. International journal of Applied biology and pharmaceutical Technology, 5(4), 2014, 187-196.
- 3) Biodegradation studies of chitosan polycaprolactone nanocomposites in soil burial test, Middle East Journal of Scientific Research, 23 (20, 2015, 253-258.
- 4) Biocompatible copolymer from chitosan substituted polyaniline graft copolymerization of poly (orthophenylene diamine) onto chitosan, International journal of pharm bioscience, 2015, 6(4), 476-481.
- 5) Comparative study of controlled release mechanism of Curcumin from different polymer matrices, International journal of plant, animal and environmental science, 2016, 6(1), 245-254.
- 6) Synthesis and characterization of Conducting polymers multiwalled carbon

nanotube (MWCNT)-Chitosan composites coupled with polyparamethoxy aniline, Middle East Journal of Scientific Research, 2014, 22(12), 1832-1839.

- 7) Synthesis and characterization of Chitosan based novel super absorbent Hydrogel, Middle East Journal of Scientific Research, 2015, 23(2), 259-276.

iii) Guidance of research if any : NIL

9. No of refresher course attended-04

Sl. No.	Nature of Course/Training	Name of Institution imparting course/training	Period	Grade
1	Refresher Course	PG Dept. of Chemistry, Utkal University	05.12.2008 To 25.12.2008	A
2	Refresher Course	-do-	15.12.2009 To 04.01.2010	A
3	Refresher Course	-do-	09.03.2011 To 29.03.2011	A
4	Refresher Course	-do-	29.11.2011 To 19.12.2011	A

10. Seminar attended – 05

a. National level

Sl. No	Theme of the Seminar	Organised by	Period	Paper presented
1	Hazardous effects of pesticides on human health and ecology	S.N. College, Rajkanika	25.11.2006 to 26.11.2006	-

2	Nanotechnology and its applications	SIET, Denkanal	17.07.2009 to 18.07.2009	-
3	Nanomedicine and its effects	SIET, Phulnakhara, BBSR.	13.08 2011	-
4	Recent trends of Nanotechnology in chemical sciences	SIET, Phulnakhara, BBSR.	20.12.2013 To 21.12.2013	-
5	Recent trends in physics	Mahirshi College Of Natural law, BBSR.	26.12.2010 To 27.12.2010	-

b. State level

Sl. No	Theme of the Seminar	Organised by	Period	Paper Presented
1	Environmental management of Chilka lake and its importance	KBDAV College, Nirakarpur	24.11.2006 to 25.11.2006	-
2	Faculty development programme	CNSNT, SOA University, BBSR	03.07.2017 to 08.07.2009	-

11. Activities for diffusion of knowledge

a. Publication of popular article : NIL

b. Extension of lecture delivered before learned society: During refresher course.

12. Previous Posting

1. S.N.College,Rajkanika,Kendrapara 20.01.1988 to 23.06.2006

2. K.B.D.A.V College, Nirakarpur, Khurda 24.06.2006 to 26.06.2010
3. Maharshi College of Natural Law, Bhubaneswar 26.06.2010 to 20.06.2016
4. Nimapara Autonomous College, Nimapara 27.06.2016 to Contng.....