

DEPARTMENT OF CHEMISTRY

ANNUAL REPORT

Academic Session- 2019-20



RAMA DEVI WOMEN'S UNIVERSITY,

BHUBANESWAR

ODISHA

1. ABOUT THE DEPARTMENT

Rama Devi Women's University, was established in 2015. But the Department of Chemistry was started since 2008, when it was a college. The annual intake for B.Sc. Chemistry is was **16** but it was increased to **32** in the year 2017. Alumni of the department are well-placed in various institutions, industries, universities and in other reputed firms. The alumni association "CATALYST" actively involves in the growth and development of the department. The department aims at imparting best education to the students along with their personality development by strong interaction between teachers and students. A strong committed team of teachers with utmost sincerity and reputation leads the academic activities of the department.

2. VISION

To build foundation for excellence and super development of the institution as a premier institution by igniting and nurturing enthusiasm, interests and passion in the study of Chemistry in professional courses as a part of curricular.

3. MISSION

The Department of Chemistry envisages to

- To awaken the young minds and discover the talents both in theory and practical chemistry through dedication, commitment to students and innovative instructional methods.
- To support the developmental activities of the University and make the Department vibrant.
- To sustain efficient operating systems towards realization of our objectives as institution of eminence and international standards.

4. Programme offered

Only UG course offered.

5. Publications:

Munmun Priyadarsini:

- Priyadarsini, M; Biswal, T; Dash, S. (2020) Biodegradable super-absorbent with potential biomedical application as drug delivery system of "pectin-g-P(AN-co-AM)/chicken eggshell" bio-composite. *Polym. Bull.* 1,1-13 <https://doi.org/10.1007/s00289-020-03424-9>

- 2. Priyadarsini, M; Biswal, T. (2020) Green synthesis, swelling behaviour and orthopaedic application of polysaccharide based hydrogel, Indian Journal of Chemical Technology, 27, 515-520
- 3. Priyadarsini, M; Biswal, T. (2020) Recent Progress on the Design and Applications of Guar Gum Based Nano Hydrogel “Guar Gum-g-P(HEMA-co-AM)/Chicken Eggshell” as Superabsorbent ,Egypt.J.Chem. 63,3, 851-859.

6. Projects: NIL

7. Teachers achievements: NIL

8. Students achievements:

Sl.no	Student Name	Category	Organized by	Position
1	Sucharita Mishra	Quiz	RDWU	3 rd
2.	Samprada Sahoo	Poster making	RDWU	2 ND
3.	Ashajyoti Sahoo	Essay writing	RDWU	3 rd
4.	Samikshya dash	Debate	RDWU	1 st

9. Seminar /FDP/ workshop organised: NIL

10. Social outreach programe: Nil

11. Alumni activities conducted: Nil

12. Value added courses conducted: Nil

13. Certificate /skill courses conducted: Nil

14. Students progression: [list of students for higher education / placement yearwise]

1. Deepali Digangana [CY619A205]
2. Sushree Subhasmita Nayak, [CY607A196]
- 3.Samikshya Sahoo [CY23S46418173]