DEPARTMENT OF CHEMISTRY

ANNUAL DEPORT

Academic Session- 2020-21

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:

Dr. pravati Panda

S. No.	Type of publication	Name of the author/s	Year of publication	Title of paper	Name of journal	Volume and Page numbers	ISSN/e-ISSN, if any
1	Review article	Pravati panda Subhendu chakroborty	2020	Navigating the synthesis of quinoline hybrid composites as	Chemistry select	5&10187-10199	2365-6549

				promising anticancer agents			
2	Review article	Pravati Panda, Kaushik Pal, Subhendu Chakroborty	2021	Robust molecular trends in Pd-catalysed C(sp2/sp3) -H activation reactions- A overview	Result chemistry	3&100154	2211-7156
3	Review article	Pravati Panda, Kaushik Pal, Subhendu Chakroborty	2021	Smart advancement s of key challenges in graphene-assembly glucose sensor technologies: A mini review	Materials letters	303&130508	0167-577x
4	Book chapter	Pravati Panda, Arundhati Barik, MV Basavang Unnamatla, Subhendu Chakroborty	2021	Synthesis and anti microbial abilities of metal oxide nanoparticles	Biomanufactured Nanomaterials, Springer, Chem	41-58	978-3-030-67222-5
5	Review article	Subhendu chakrobort, Pravati Panda,	2021	A comprehensive overview of the synthesis of tetra hydrocarbazoles and its biological properties	Minireviews in organic chemistry	18 &709-718	1875-6298

Munmun Priyadarsini

S. No.	Type of public ation	Name of the author/s	Year of publicatio n	Title of paper	Name of journal	Volume and Page numbers	ISSN/e-ISSN, if any
1	Resea rch article	Munmun Priyadarsini et.al.	2020	Biodegradable superabsorbent with potential biomedical application as drug delivery system of “pectin-g-P(AN-co-AM)/chicken eggshell” bio-composite	Polymer Bulletin.	1,1-13	https://doi.org/10.1007/s00289-020-03424-9
2	Rtesear h article	Munmun Priyadarsini et.al.	2020	Green synthesis, swelling behaviour and orthopaedic	Indian Journal of Chemical Technology	Vol. 27, pp. 515-520	

				application of polysaccharide based hydrogel			
3	Conference paper proceedings	Munmun Priyadarsini et.al.	2021	A new generation self-healing composite materials, material proceeding today	material proceeding today	1, 1-8	https://doi.org/ 10.1016/j.matpr.2021.06.456
4	Conference paper proceedings	Munmun priyadarsiniet.al.	2021	Complex catalysed green synthesis and characterization of P (AN-co-MMA)/prawn shell powder biocomposite	material proceeding today	1, 9-16	https://doi.org/10.1016/j.matpr.2021.06.455
5	Conference paper proceedings	Munmun priyadarsiniet. al.	2021	Bioremediation of plastic material by using Nanotechnology, Current Advances in Mechanical Engineering	Spinger ICRAMERD	2020, 27-38	
6	Conference paper proceedings	Munmun priyadarsiniet. al.	2021	Recent progress in polymer nanocomposite for the treatment of water and waste water, Current Advances in Mechanical Engineering	Spinger ICRAMERD	2020, 39-49	

6. **Projects: NIL**
7. **Teachers acheivements: NIL**
8. **Students acheivements:**

Laurels to the department

Sl no.	NAME	ACHEIVEMENTS
1.	Best graduate of the University, 2022	Swetapadma Tripathy

2.	Best Science Graduate, 2022	Karnam Soujanya

Students achievements in fields other than academics:

Sl.no	Student Name	Category	Organized by	Position
1	Suchitra Mishra	Odia debate competition,	RDWU	First
2	K. Anita	News reading	Utkal mail at RDWU	Third
3	K. Anita	Poster making	RDWU in collaboration with OdishaVigyan academy	First
4	Supriya Panda	Poster making	RDWU in collaboration with OdishaVigyan academy	First

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. Karnam Soujanya----------CY607A248
2. Tanya Patnaik ----------CY23S44013258
3. Tanya Patnaik ----------CY605A259
3. Sushree Simantika ----------CY605A093
4. Sushree Alina Behera----------23EA5391595AD011B2165A075EC2D4F3
5. Swetapadma Tripathy----------CY23S46408167