

Faculty Profile

1. Personal Details:

Name: SAYANWITA PANJA

Qualification: M.Sc

Designation: Assistant Professor

Department: Chemistry

Email id: sayanwitapanja@gmail.com

Date of Joining Present Institution: 11-Dec-2015

Teaching Experience [substantive post only]: 7 years 7 months

2. Previous work places:

Name of Institution	Designation	Tenure	
		From (DD-MM-YY)	To (DD-MM-YY)
Future Institute of Engineering and Management	Faculty	13.01.2015	07.12.2015
	Associate		

3. Academic Credentials:

- B.Sc in Chemistry (Honours) – 2009-2012, CU
- M.Sc in Chemistry (Organic special) – 2012-2014, WBSU
- NET (Chemical Science) – 2014
- GATE (Chemistry) - 2015

4. Courses Taught:

	B.Sc Honours	B.Sc General
Semester-I	CC-1, CC-2, GE-1	Core-1 (DSC-1A)
Semester-II	CC-4, GE-2	Core-4 (DSC-1B)
Semester-III	CC-7, SEC-1, GE-3	Core-7 (DSC-1C)
Semester-IV	CC-10, GE-4, SEC-2	Core-10 (DSC-1D), SEC-2
Semester-V	CC-12, DSE-2	DSE-1A, SEC-3
Semester-VI	CC-14, DSE-3	DSE-2, SEC-4

5. Administrative Experience (if any): NIL

6. Specialization and Research Interests: Organic Chemistry

7. Publications: (Research article, General article, Books, Books chapter etc.)

1. **Panja S (2022)**. A Comparative Discussion on Chemical Components of Synthetic and Natural Sunscreen Agents. *World Journal of Pharmacy and Pharmaceutical Sciences*, Vol. 11, Issue 4, 796-830. ISSN: 2278-4357.
<https://doi.org/10.20959/wjpps20224-21705>
2. Srivastva AN, **Panja S**, Singh NP, Sriwastaw CK (2021), Bioactive Metal Complexes of Schiff Base Derived from 2,3-Dioxobutane, Ethane-1,2-diamine and 4-Chloro-2-

formylphenol: Spectral Studies and in vitro Antimicrobial Activity. *Asian Journal of Chemistry*, Vol. 33, No. 12 (2021), 3063-3069. ISSN: 0970-7077.

<https://doi.org/10.14233/ajchem.2021.23478>

3. **Panja S (2021)**. The Essence of Chemistry in Daily Life. *Prabahaman Banglacharcha*, Issue: 5, Page: 910-921. ISBN: 978-93-5493-862-7.
4. **Panja S (2020)**. On The Way To Manakamana. *Himalaya Prasanga*, Issue: 2019-2020, Page: 31-42. ISSN: 2231-1076.

8. Patents (if any): NIL

9. Research Project (if any): NIL

10. Research Supervision (Ph.D./M.Phil.): NIL

11. Seminar/Workshop participated:

1. Oral Presentation on “Implementation of green chemistry for environmental sustainability using non-conventional sources of energy” in the International Webinar on “Ways to Save Planet Earth”, held on April 22-23, 2022, jointly organized by International Academy of Science and Research, Kolkata, West Bengal, Govt. Degree College Doda, Jammu and Kashmir and Scientific and Environmental Research Institute, Kolkata, West Bengal.
2. Oral Presentation on “Greenhouse Gas: An extensive threat to humanity resulting from accumulative climate hazards”, in the International Multidisciplinary Webinar on “Climate Change Impact on Agriculture, Environment and Sustainable Development”, held on February 11-12-13, 2022, jointly organized by International Academy of Science and Research, Kolkata, West Bengal, Gurukul Edutech Education and Research Foundation, Kolkata, West Bengal and Scientific and Environmental Research Institute, Kolkata, West Bengal.
3. Oral Presentation on “ Cs_2CO_3 mediated one-pot synthesis of furocoumarin moieties from 4-hydroxycoumarin derivatives” in the International Virtual Conference on Frontiers in Chemical Sciences, held on June 25, 2021, organized by Department of Chemistry, MLSU, Udaipur, Rajasthan.
4. Oral Presentation on “Microwave supported organic conjugation: A progressive device towards green synthesis” in the International Virtual Conference on Green Chemistry for Clean Environment, held on October 3-4, 2020, organized by Department of Chemistry & Department of PG Studies, Pacific Academy of Higher Education and Research University, Udaipur in Association with Indian Chemical Society, Kolkata.
5. Oral Presentation on “A review on Implementation of green chemistry to obstruct pollution” in the Two Days International Webinar on Chemistry: A Motivation in Research, held on August 26-27, 2020, organized by Department of Chemistry, Government General Degree College, Keshiary, West Bengal.
6. Oral Presentation on “Green chemistry for environmental sustainability” in the Two-Day International Virtual Conference on “Current Trends in Advanced Chemistry”, held on August 17-18, 2020, organized by Department of Chemistry, Saranathan College of Engineering, Tamilnadu.
7. National Level Online Workshop on “Research Methodology- First Step Towards Research”, held from 6th July 2020 to 11th July 2020, organized by Swami Vivekanand

Vidyaprasarak Mandal's College of Commerce, Ponda, Goa in collaboration with St. Vincent Pallotti Degree College, Bangalore.

8. Poster Presentation on "Cerium (IV) Ammonium nitrate mediated oxidative addition of 1,3-Dicarbonyl compounds to Chromenes for the synthesis of Dihydrofurans derivatives" in the Emerging Trends in Chemical Sciences, held on January 7, 2020, organized by Department of Chemistry, Jadavpur University, West Bengal.

12. Participation in Faculty Development Programmes:

1. UGC Sponsored two weeks Online Refresher Course from 12th Dec. 2022 to 24th Dec. 2022, organized by UGC-HRDC, University of Mumbai.
2. UGC Sponsored two weeks Online Refresher Course from 28th Sept. 2020 to 10th Oct. 2020, organized by UGC-HRDC, Guru Jambheshwar University of Science & Technology, Hisar (Haryana).
3. Faculty Development Program On "ICT Tools in Teaching Chemistry" from 2nd Sept. 2020 to 6th Sept. 2020, organized by Teresian Teaching Learning Centre and Department of Chemistry and Centre for Research, St. Teresa's College (Autonomous), Ernakulam.
4. One week Faculty Development Program On "E-Content Development & Learning Management System" from 22nd Aug. 2020 to 28th Aug. 2020, organized by S. S. Khanna Girl's Degree College, Prayagraj, University of Allahabad, under the aegis of Ministry of Human Resource Development (MHRD).
5. Two weeks Faculty Development Program On "Advanced Concepts for Developing MOOCS" from 2nd Jul. 2020 to 17th Jul. 2020, organized by Teaching Learning Centre, Ramanujan College, University of Delhi, under the aegis of Ministry of Human Resource Development (MHRD).
6. UGC Sponsored three weeks Orientation Program from 22nd April 2019 to 11th May 2019, organized by UGC-HRDC, Himachal Pradesh University.

13. Programmes Conducted / Organised as Convenor / Organising Secretary etc.:

1. International Webinar on "Chemistry: The Challenges and Opportunities". (Joint Convenor, 2020-2021)
2. Virtual Lecture on "An Introduction to Polymer Science". (Organizing Member, 2020-2021)
3. Virtual Lecture on "Impact of Green Chemistry on Nature". (Organizing Member, 2021-2022)

14. Achievements/Awards/Membership: NIL

15. Any Other Relevant Information: NIL