

# **Personal Profile (2014-21)**

1. Name: **Dr. Sushil Kumar Yadav**
2. Department: **Chemistry**
3. Designation: **Assistant Professor**
4. Qualifications: **M.Sc.(Organic Chemistry) Chemistry, NET, J.R.F., S.R.F., G.A.T.E. and Ph.D.(Solar Radiation Conversion and Storage By P.G. Cell)**
5. Institute and place of Post-Graduation Qualification :- **P.G. Department of Chemistry, Govt. Dungar College, Bikaner**
6. Teaching Experience: **U.G. and P.G. -15 years, Research-13 years**
7. Contact no.: **9828263004**
8. Email: **suashil@gmail.com**
9. Pan Number: **ABJPY2343J**
10. Home Town and State: **Bikaner, Rajasthan**
11. Details of Research Scholars:

S.NO	NAME OF SCHOLAR	TITLE OF THESIS	DATE & YR OF REGISTRATION	YEAR OF AWARD
1	Vikram pal (Ph.D.)	Use of natural dye as photosensitizer in solar cells for solar energy conversion and storage	2019	Pursuing
2	Om prakash Kaswan (Ph.D.)	Study of photogalvanic effect by using natural dye extracted as photosensitizer for solar energy conversion and storage	2019	Pursuing

## **12.Details of Research Papers Published in the Journals:**

Assessment Year	TitlewithPage Nos.	Name of Journal	Type of Journal	ISSN/ISBN No.
2014-2015	Advance Environmental Successive key for solar energy Conversion and storage using natural dyes(Rose Extract) in PG Cell system	Cross Section Vol1(2)	International peer journal	2349-9966
2016-2017	Advance Environmental Successive key for solar energy Conversion and storage using dyes in Thionine-glucose-CTAB ) in PG Cell system	International Journal of Civil Engineering	International peer journal	2348-8352
2017-2018	Photogalvanic effect by using natural dye: Rose flower extract and AA System	International Journal of Engineering Technology science and research	International journal	2394-3386
	Comparative study of Photogalvanic effect by using Rose extract as photosensitizer with Mannitol and NTA as reductant for solar energy Conversion and storage	International Journal of Advanced Research	International peer journal	2320-5407
	Biological Evolution of metal amide complexes	International Journal of Scientific research in science and technology	International peer journal	2395-6011

### 13.Details of Research Papers Published in National/ International conference proceedings:

Assessment Year	TitlewithPage Nos.	Name of Journal	ISSN/ISBN No.
2016-2017	Advance Environmental Successive key for solar energy Conversion and storage using Rose extract as photosensitizer and Mannitol as reductant in PG Cell(Page 303-305)	International Seminar on RTCS	978-93-5265-436-9
2018-2019	Solar energy conversion and storage by using Rose extract as Natural Dye and NTA as reductant in PG Cell	AIP Conference Proceeding Page 080033-1 to 4	1953(2018)

### 14. Convener of College Committees / any other committee constituted for a specific event -

1. Member of the Executive committee of e- magazine-Chemlore
2. Continuous monitoring and supervision of the laboratory waste water treatment plant established in the Department of Chemistry
3. Rover Leader (Science) and Convener of Scout and Guide

### 15. Papers Presented /Participation in Conference, Seminars, Workshops, Symposia and Faculty Development Programme-

Assessment Year	Name of conference, seminars, workshops	Organized by	Type of conference, seminars, workshops
2014-2015	Participated in Higher Education and Women Empowerment	K.D.G.M.K. college, Sardarshahar	National Seminar
	Participated in Globalization- Causes and effects	M.S. College, Bikaner	State Seminar
2015-2016	Participated in Advance in Research on the Resources of Bikaner	Govt. Dungar college, Bikaner	College Seminar
	Participated in Sustainable ground water development and management	Govt. Dungar college, Bikaner	National workshop
	Paper Presented in Recent Trends in Chemical Sciences	S.G.G. Govt. College, Banswara	National Seminar
	Paper Presented in Recent Research in Civil and Environmental Engineering	Manda Institute of Technology, Bikaner	National Conference
2016-2017	Paper Presented in Smart Infrastructure and Environment	Poornima group of colleges, Jaipur	National Conference
	Paper Presented in Recent trends in chemical sciences	S.G.G. Govt. College, Banswara	International Seminar
	Paper Presented in Recent trends in chemical sciences	Govt. Engineering College, Bikaner	International Seminar
	Paper Presented in Recent advances in chemical sciences	Govt. Dungar college, Bikaner	College Workshop
	Paper Presented in higher education in 21st century	S.N.D. Bihani Govt. College , Hanumangarh	National Seminar

	Paper Presented in Human rights and Indian media	Govt. college, Rajgarh	National Seminar
2017-2018	Paper Presented in ICRTESM-2017	IETE, Pune	International Conference
	Paper Presented in GAECS-2017	BCUD,SPPU,PUNE	National Conference
2018-2019	Participated Globalization and gandhian philosophy	MGSU, Bikaner	National Symposium
	Participated Green chemistry and technology	Govt. Dungar college, Bikaner	International Workshop
	Participated in the write shop	MGSU, Bikaner	University Workshop
2019-2020	Participated in Instrumentation techniques for research in chemical sciences	Sophia Girls College, Ajmer	National Workshop
	राजस्थान के जाम्भाणी समाज मे जीवरसायन का योगदान	जाम्भाणी साहित्य अकादमी ,बीकानेर	राष्ट्रीय संगोष्ठी
2020-2021	Participated in global environment challenges, biodiversity, principles of Guru Jambheshwar ji and remedies	Guru Jambheshwar Paryavaran sarakshan ShodhPeeth, JNV University, Jodhpur,	International Webinar (Online)
	Participated in Strategies & Challenges in Higher Education during COVID-19 Lockdown Period in India with reference to the World	Government Vidarbha Institute of Science & Humanities, Amravati, Government of Maharashtra	International E-Conference
	Attending international E-conferences	Strategies and challenges in higher education during COVID-19 lockdown period in India with reference is to the word	Government Vidarbha Institute of Science and Humanities, Amravati, Maharashtra
	Participated in National Webinar	Career in data science	Raj Rishi Shahu Mahavidyalaya, Latur
	Participated in the Faculty Development Programme	E- learning and MOOCS in higher education and new rules of teachers	SRI GVG Vishalakshi College for Women, Tamilnadu
	Participated in Webinar	Introduction to digital transformation	S A Engineering College, Chennai
	Participated in the Faculty Development Programme	Artificial Intelligence	SriDevi Women's Engineering College New Delhi
	Completed one week National Online Faculty Development Programme	ICT tools for effective teaching learning	Swami Ramanand Teerth Marathwada University, Nandi
	Completed Two week National Online Faculty Development Programme	Advanced Concepts for developing MOOCS	Teaching Learning Center(MHRD), Ramanujan College, New Delhi
	Paper Presented in International Conference in ICCCEFS-2021	U.G.C. ,New Delhi and S.P. Pune University, Pune	International Conference
	Paper Presented in International Conference in IVCFCFS-2021	M.L.S. University, Udaipur	International Conference
	Participated in Role of technology and some specific tools in research	S.G.T. University, Gurugram,	Online Workshop