

S.B.D. Government College, Sardarshahar

Faculty Profile

Name : **Prof. Vinod Kumar Swami**

Subject : **Chemistry**

Designation : **Principal**

Current Address : **S.B.D. Government College, Sardarshahar**

Permanent Address : **PM House, Naya Bas, Churu- 331001**

Email : **vkswami09@gmail.com**

Contact No. : **9414327820**

Date of Joining in DCE : **30.01.1996**

Educational Qualifications: **Ph. D., NET**

Teaching Experience

➤ College Education

- **UG- 27 Years**
- **PG- 27 Years**

Research Publications

S.No.	Title with Page Nos./ Year of Publication	Name of Journal	Peer reviewed/ UGC listed.	Impact Factor, if any (as per Thomson Reuters List)	First/ Principal/ Corresponding /Two authors/ Joint– Authors(more than two author)
1	Stability constant of Paladium Chelates of Hydroxytriazenes, Pg No. 97-100	Int. J. of Ultra Physical Sci: Vol 18(1), 2006, ISSN- 0970-9150	Peer Reviewed	2.98	NA
2	Jajoba Oil as a non-conventional source of high potential lubricant, Pg No. 229-234	Int. J. of Ultra Physical Sci: Vol 19(2), 2007, ISSN- 0970-9150	Peer Reviewed	2.98	Corresponding author
3	Corrosion inhibition of copper by acid of Tephrosia purpurea, Pg no. 195-200	Int. J. of Ultra Chemical Sci: Vol 3(2), 2007, ISSN- 0973-3450	Peer reviewed	2.48	Joint author
4	Corrosion inhibition of copper by acid extract of Fabaceae family plant, Pg no. 279-284	Int. J. of Ultra Chemical Sci: Vol 4(2), 2008, ISSN- 0973-3450	Peer reviewed	2.48	Joint author
5	Study of quality parameters of Jojoba oil important for production of value-added products, Pg no. 959-974	Int. J. Chem. Sci. 6(2), 2008, ISSN- 0972- 768X	Peer Reviewed	1.6	Corresponding author
6	Jojoba oil as an organic shelf stable standard oil phase base for cosmetic industry, Pg no. 300-306	J. Chem. Vol. 2 No. 2 (2009), ISSN- 0974-1496	Peer reviewed	-	Corresponding author
7	A comparative study of inhibitive effects of some Schiff's bases on mild steel in acidic medium media by mass loss techniques, Pg no. 1230-1237	E- journal of chemistry, vol 8(4), 2010, ISSN- 0973-4945	Peer reviewed	-	Corresponding author
8	Corrosion inhibition of Iron in acidic medium by Tephrosia purpurea: R. Sharma, Pg no. 150-153	The Ecotech, 2(2), 2010, ISSN- 0974-9063	Peer reviewed	-	Joint author
9	Corrosion inhibition of Iron by hydrochloric acid solution by Tephrosia purpurea plant:, Pg no. 2046-2054	Int. J. Chem. Sci. 8(4), 2010, ISSN- 0972-768X	Peer Reviewed	1.6	Corresponding author
10	How does water affect our health, Pg no. 55-59	The Ecoshpere 2(1-2), 2011, ISSN- 0976-1578	Peer reviewed	-	Joint author
11	Effect of alcoholic extract of different parts of Tephrosia purpurea on corrosion of Copper, Pg no. 117-120	The Biosphere 3(1), 2011, ISSN- 0975-3877	Peer Reviewed	-	Joint author
12	Physico chemical analysis of ground water of Shri Ganganagar city (Rajasthan), Pg no. 131-132	The Ecotech, 2012, ISSN- 0974-9063	Peer Reviewed	-	Joint author

13	Study of Inhibitive effects of some Schiff bases on copper metal in acidic media by Mass Loss techniques, Pg No. 1897-1904	Int. J. Chem. Sci: 10(4), 2012, ISSN- 0972-768X	Peer reviewed	1.6	Corresponding author
14	Study of water quality parameters of canal in Sri ganganagar District, Pg no. 1335-1340	Int. J. Chem. Sci: 10(3), 2012, ISSN- 0972-768X	Peer reviewed	1.6	Corresponding author
15	Corrosion inhibition of copper by acid of Tecomella undulata, Pg no. 1457-1463	Int. J. Chem. Sci: 11(3), 2013, ISSN- 0972-768X	Peer reviewed	1.6	Corresponding author
16	Study of Schiff bases as corrosion inhibitors on Tin metal in acidic media by Mass loss techniques, Pg no. 1523-1530	Int. J. Chem. Sci: 11(3), 2013, ISSN- 0972-768X	Peer reviewed	1.6	Corresponding author
17	Study of Schiff bases as corrosion inhibitors on metal in acidic media by Mass loss techniques, Pg no. 1327-1334	Int. J. Chem. Sci: 11(3), 2013, ISSN- 0972-768X	Peer reviewed	1.6	Corresponding author
18	Impact of distillery waste water irrigation on chemical properties of Agriculture soil	Int. J. Inno. RSET, Vol 3 (10) Oct. 2014, ISSN- 2319-8753	Peer reviewed	1.672	Joint author
19	Utilization of distillery industry waste water as liquified biofertilizer: seed assay test for feasibility and toxicity assessment, Pg no. 59-66	The research journal (TRJ): 2 (2), 2016, ISSN- 2454- 4930	Peer reviewed	4.126	Joint author
20	Thiosemicarbazone derivatives as corrosion inhibitor, Pg no. 352-362	Research Journal: vol 3 (12), E, March- 2019, ISSN- 2394-0344	Peer reviewed	0.543	Main author
21	Corrosion Inhibition of Aluminium by Newly Schiff Base in 0.5 M HCl	Shrinkhla Ek Shodhparak Vaicharik Patrika, VOL-6* ISSUE-9*(Part-1) May- 2019, E: ISSN NO.: 2349-980X, P: ISSN NO.: 2321-290X	Peer reviewed	6.746	Corresponding author
22	A Study of Newly Schiff Base as Corrosion Inhibitor for Metal Corrosion in Acidic Medium	International Journal of Trend in Scientific Research and Development (IJTSRD) Volume 5 Issue 5, July-August 2021 Available Online: www.ijtsrd.com e-ISSN: 2456 – 6470	Peer reviewed	8.125	Corresponding author
23	A COMPARATIVE STUDY OF INHIBITIVE EFFECTS OF SOME NEW SCHIFF BASES ON COPPER CORROSION IN ACIDIC MEDIUM	J Adv Sci Res, 2022; 13 (2): 176-182, ISSN- 0976-9595	Peer reviewed	7.745	Joint author
24	Corrosion Inhibition Effect of Pyridine Based Schiff Base on Copper Metal in Acidic Medium	J. Biol. Chem. Research Volume 36 (1) 2019 Pages No. 340-347 ISSN 2319-3077 Online/Electronic ISSN 0970-4973 Print	UGC Listed	4.275	Joint author
25	A STUDY OF CORROSION INHIBITION EFFECT OF PYRIDINE BASED SCHIFF BASE ON IRON METAL IN	Journal of Global Resources, July 2022, Vol 8(2), ISSN (E) : 2455-2445 ISSN (P) : 2395-3160,	Peer reviewed	6.087	Joint author

0.5M HCl				
----------	--	--	--	--

▪ Research Projects Completed

S.No.	Title of the Project	Sponsoring Agency	Period	Grant Amount
1.	Application of microcrystalline in Naphthalene as absorption in the spectrophotometric studies. UGC- F. no. 4-055 (03) MRP-CRO	CRO, UGC, Bhopal	26.03.2004 to 23.03.2007	65000.00
2.	Study on Schiff bases as potential corrosion inhibition. UGC- MS- 312/ 302047/ 08-09/ CRO	CRO, UGC, Bhopal	31.03.2009 to 31.03.2011	140000.00
3.	Organic corrosion inhibition for metal and alloy metal. UGC- MS No. 302047/ XII/ 14-15/ CRO	CRO, UGC, Bhopal	24.08.2014 to 31.12.2016	500000.00

▪ Books Published

S.No.	Title of the Book/ Chapter in Edited Book (No. of Pages & Year of Publication)	Publisher (National/ International)	ISBN No.	No. of Co-Authors/ Co-Editors	Whether You are the Main Author/ Editor
1.	Inorganic Chemistry, B. Sc. Part- I	Himanshu Publication, Udaipur	81-7906-31-4/2005-06	3	No
2.	Inorganic Chemistry, B. Sc. Part- II	Himanshu Publication, Udaipur	81-7906-31-2/2007	4	No
3.	Inorganic Chemistry, B. Sc. Part- III	Himanshu Publication, Udaipur	81-7906-31-2/2008	4	NO

Paper Presentation in Seminars/Conferences

S. No.	Title of Lecture/ Academic Session	Title of Conference/ Seminar/Training etc.	Organized by	Whether International (Abroad)/ International (Within Country)/ National/State/University
1.	Study of the stability content of the lanthanide catine complex with Schiff base, ISBN- 81-888-58-74X	National conference on technological innovation for SD, 28.08.2009	Engineering College, Bikaner	National
2.	To migrate nitrate ions from contaminated water with added K ₂ PO ₄ employing state of the art RO technology	National seminar on recent trends in chemical sciences, 18-19 January, 2016, ISBN- 978-93-5254-671-8	Govt. College, Banswara	National
3.	Effect of alcoholic extract of natural product part of Tephrosia purpurea plant by coposio on copper metal	IGTSHE- 2016, 22.04.2016, ISBN- 978-81-930-894-3-9	Purnima College, Jaipur	International
4.	Effect of alcoholic extraction of natural product by corrosion on Iron metal	International seminar on recent trends in chemical sciences: Global perspective and progress, ISBN- 978-93-5265-436-9	Govt. College, Banswara	International

Research Guidance

Level	Number Enrolled	Thesis Submitted	Degree Awarded
Ph.D.	15	13	13