

FACULTY PROFILE

Dr. JEEVEN SINGH SOLANKI



Teaching Experience:-

1. Govt. Madhav Science P.G. College Ujjain , 2012- Present
Assistant Professor
2. Lakshmi Narain College of Technology , Bhopal 2011-2012
Assistant Professor
3. Mandsaur University 2009-2010
Assistant Professor

Research Interest:-Inorganic Chemistry

Research Publication:

1. Synthesis , Spectral Studies and antimicrobial activity of metal complexes of Antimony (III) and Bismuth (III) with Semicarbazones and Thiosemicarbazones.
2. Computer aided drug design : A Paradism shift to rational drug design (A case study of Alzheimer's drug interperidine failure)
3. Biological Evaluation of glycogen synthase kinase -3 B Inhibitors as Antidiabetic agent.
4. Photolysis of Fluorine and 9- Fluorenone a toxic environmental contaminant: Studies in the effect of solvent and Intensity of the source.
5. Zinka Virus serine protease complex (NS2B- NS3) Inhibition by 2 -Amino-5- {[(1Z)-Amino({[(Z)-Benzoyl] Imino) Methy amino } -N-(5-Amino-7- {[Carbamoyl(Phenyl) Methyl] Amino } -6-Oxoheptyl)Penta amide in silico Studies.
6. Synthesis, Characterization and antimicrobial activity of Arsenic (III) derivatives of biological potent mixed ligand complexes.
7. National Consortium / Science Festival "From Photonics to Economic Impact of Light.
8. Synthesis, Characterization and antimicrobial activity of Arsenic (III) derivative of the type (C₁₆H₁₅N₂O₃X) AsCl of biological Potent mixed ligand complexes of acetate and pyrazolines.
9. Assessment of geo-accumulation index of heavy metal and source of contamination by multivariate factor analysis.
10. Assessment of Heavy Metal contents of green leafy vegetables.

11. Synthesis, Structural Characterization and in vitro antimicrobial properties of salicylate and pyrazoline complexes of bismuth (III).
12. Synthesis , spectral study and Antimicrobial activity of Chloroarsenic(III) $3(2'$ -hydroxyl phenyl)-5-(4- substituted aryl) Pyrazolines.
13. An Articles synthesis, Spectral studies , and Antimicrobial Evaluation of Antimony (III) Tri $3(2'$ - hydroxyl phenyl)-5(4-substituted aryl] pyrazolate.
14. Synthesis, Spectral characterization, and Antimicrobial Activity of Arsenic (III) and Bismuth (III) tri $3(2'$ -hydroxy phenyl)-5-(4-substituted phenyl) pyrazolines.]
15. Synthesis, Spectral characterization , and Antimicrobial Activity of Bismuth (III) tri $3(2'$ -hydroxy phenyl)-5-(4-substituted phenyl) pyrazolines.]

Books Published:

1. Basic of pericyclic reaction.
Pericyclic reaction for P.G. Students , Volume , Year 2015

Chapters in Books:

1. Nucleophilic Hydrolysis of p-Nitro phenyl Alkanoates in Cationic Micellar Media “Analytical Instrumentation and Innovative Techniques”.

Awards/ Achievements:-

1. ShinghsthSeva gold medal-2016
2. SRF-2007
3. Junior Research Fellowship -2005

Subject related activities:-

Documents Workshop and Conferences Attended in jan 2014 to march 2019

Dr. Jeeven singh Solanki
Asstt. Professor of Chemistry

S.no	Name of Certificate	Date
1	अभिप्रेरित अनुसंधान के लिए विज्ञान खोजमेंनवोन्मेष	fnukad 27 ls 31 toujh 2014
1.	षिक्षासंस्कृतिउत्थानन्यास,उज्जैन	5 Jun.2014
2.	National Lecture Cum Discussion Series for youth on Energy and Sustainability	February 11,2014
3.	Workshop on Computers in Chemistry Tools and Innovative Techniques	December 19,2014
4.	National Seminar on Crystallography and its Application	2014

5.	Indian Environmentalism & Developmental Issues	March 3 rd & 4 th 2014
6.	National Seminar on Contribution of Ramanujan in Mathematics and its application in Mathematical Science	March 6-7 2014
7.	Latest Trends in Analytical Instrumentation and Innovation Techniques	19 th & 20 th 2015
8.	“Current Ecological and Environmental Issues”	Jan 29 2015
9.	Chemistry Teachers Training Workshop	Oct. 6-8 2015
10.	National consortium /Science Festival “From photonics to Economic Impact of light”	Feb 2016
11.	A Grade Accredited through NAAC Certificate	3 rd and 4 th February 2016
12.	Drug Discovery Technology Approach of Computational Chemistry in Drug Design A New ERA of Bioinformatics & Biotechnology	8-12 Sep 2016
13.	वैश्विकपरिप्रेक्ष्ये भारतीयदर्शनम् प्रमाणपत्र	fnukad 20-08-2016 ls 21-08-2016
14.	National Conference on Crystallography and Its Application	15 th and 16 th March 2016
15.	संसदीय कार्यषाला 2016 – 2017 प्रमाणपत्र	18 jan 2017
16.	राष्ट्रीय सेवा योजनाजिलास्तरीय नेतृत्व प्रशिक्षणषिविरजिलाउज्जैन	Date 5-3-2017 to 11-3- 2017
17.	Shri MadbhagwatgeetameinAdhyatmVigyanevamyoga	6 th to 7 th 2017
18.	New frontiers in Science A paradigm to policy planning	01/12/2017 to 03/12/2017
19.	Certificate of participation in National Conference	01-12-2017 ls 03-12- 2017
20.	International Conference on use of in Developing Effectiveness of Teaching Skills for Teachers in Higher Education	30 july 2018
21.	Chandra Shekharazad Govt. Nodal College SehoreInternation Conference	30 जुलाई 2018

22.	jkf"V; ;qokoSKkfudlaoknfodzekfnR; ve`r egksRlo	
23.	National Seminar on Recent Advances in Spectroscopic Techniques march 15-16- 2019	
24.	Internship Training Program on HPLC,UV,& FT-IR	
25.	Work Shop Application of modern Instrumens	19 th & 20 feb 2008
26.	Present Scenario of Quality Assurance in Higher Education	26-27 th March 2010
27.	National seminar Chemistry A Modern & Innovation Tool	04 th 05 MARCH 2011
28.	National Conference on Social, Edu. Tech. and Medicinal Relevance of Chemistry	2011
29.	National Conference Emerging Trends In Research and Analysis for sustainable development	March 27&28 2012
30.	Faculty Development Programme	25 th june 2013
31.	Quality And Best Practices”In Higher Education	1 feb 2013
32.	Recent Approaches in chemical & Environmental Science	17 th Aug.2013
33.	International Conference on Recent Advances in life science for betterment of environment and human health	Dec 14-15 2019
34.	JaagoShipraPukare	30.03.2019
35.	Young Scientist	28.09.2018

36.	NEHRU	14.11.2019
37.	International webinar on challenges of sustainable development	05.06.2020 06.06.2020
38.	International webinar protecting your property rights IPR	16.06.2020
39.	National webinar on Preparing for NAAC infrastructure and learning resources	22.06.2020 23.06.2020
40.	Lecture by prof. Sourabh pal Director IISER Kolakata	24.06.2020
41.	Fundamental of NMR Spectroscopy	25.06.2020
42.	Story Telling	28.06.2020
43.	Faculty Development Programme	01.07.2020 07.07.2020
44.	Udhaan	02.07.2020 08.07.2020
45.	Economy and Ecology	08.07.2020
46.	Craft of scientific writing by Rajneesh Mishra	09.07.2020
47.	Dr. AlokShrivastava	14.07.2020
48.	Dr. ShirishSherlekar	15.07.2020
49.	Spectroscopy and solid state chemistry	17.07.2020 18.07.2020

50.	Young Leadership conclave Local situatedness	18.07.2020
51.	PURE	26.07.2020
52.	Health and Happiness	27.07.2020
53.	Gender Equality	30.07.2020
54.	PURE	31.07.2020
55.	Redefining the higher education policy	12.08.2020 14.08.2020
56.	Clean air for blue skies	07.09.2020
57.	IPR	1 to 2 Dec
58.	National web based conservation drug development process	22/05/2021
59.	National conference on sericulture	21.05.2021
60.	NMR	25.05.2021
61.	Anukruti Best out of waste	1,2,3/06/2021
62.	Indian Constitution day	26.11.2021
63.	Madhumakhipalan	21.05.2021

64.	Conservation Drug development process	22.05.2021
65.	World Environment day	05.06.2021
66.	SARS COV2 Vaccine development	10.06.2021
67.	Is there a life on MARS	17.06.2021

Major Social Engagements:-

1. Motivate Students for Vaccination.
2. NCC ANO (July 2013 to July 2020)
3. Motivated students for plantation.
4. Learn and Earn theme provided to students.
5. Shingsth Seva
6. Work in Jalsammelan abhiyan in Ujjain (M.P.)