



**National Seminar**  
on  
**Recent Trends in Chemical Sciences**  
(Date : March 14th, 2023)



**Organised by**

**Department of Chemistry & IQAC**  
**Govt. T. C. L. P. G. College Janjgir, District- Janjgir -Champa**  
**(Chhattisgarh), India.**

**Sponsored By**

**Dept. Of Higher Education, Govt. Of Chhattisgarh**

## About College

Govt. T.C.L. P.G. College Janjgir was established in 1958 as Non Government college managed by Sarswati Shikshan Samiti. Shri Satya Sahay Shrivastava was founder principal of our college. Later in year 1975 college was undertaken by State Government. Chemistry is being taught as a subject of B.Sc. course since inception of our college. In year 1984 Post Graduate classes had been started and since the same year Post Graduate Department of Chemistry had been started. First Head of this Department was Prof. J.N. Mishra. From year 2012 Department of chemistry has been recognized as Research centre by Surguja University Ambikapur and recently recognized as a Research centre of Shaheed NandKumar Patel Vishwavidhalaya Raigarh (C.G.) Recently college is affiliated with Shaheed NandKumar Patel Vishwavidyalaya ,Raigarh and Accredited by NAAC,Bengaluru with **Grade B**.

## About Janjgir City

Janjgir is the headquarters of the Janjgir–Champa district in Chhattisgarh, India. It has been the District headquarter since 25 May 1998, when Janjgir–Champa was carved out of Bilaspur. Well known for its Vishnu Temple aka Nakta Mandir, Nahariya Baba Mandir, Agricultural industries, and Rice production, Janjgir is undergoing rapid industrial development and will become home to various industries and plants in the coming years, city's railway station name is Janjgir-Naila. Janjgir is well connected by railways and roads and is connected to major cities like Bilaspur and Raipur through National Highway 149. Bilasa Bai Kewatin Airport, Bilaspur is at a distance of 60 kilometers from here.

## About Seminar

The seminar theme "Recent Trends in Chemical Sciences" focuses on the latest developments, research, and applications in the field of chemistry. Chemistry is a fundamental science that deals with the study of matter, its properties, composition, and behavior, as well as the changes that it undergoes during chemical reactions.

This seminar theme aims to showcase the recent advances and trends in chemical sciences that have emerged in the past few years. It covers a wide range of topics, including but not limited to:

**Materials chemistry:** This involves the study of the synthesis, properties, and applications of new materials, such as nanoparticles, biomaterials, and advanced polymers.

**Analytical chemistry:** This involves the development of new methods and techniques for the detection and quantification of chemical compounds in various samples, such as food, water, and air.

**Organic chemistry:** This focuses on the synthesis and characterization of organic compounds, including pharmaceuticals, agrochemicals, and natural products.

**Physical chemistry:** This involves the study of the physical and chemical properties of matter and the mechanisms behind chemical reactions.

**Environmental chemistry:** This focuses on the study of the chemical processes and reactions that occur in the environment, including the fate and transport of pollutants.

Overall, the seminar theme "**Recent Trends in Chemical Sciences**" aims to provide a platform for researchers, academicians, and industry professionals to exchange ideas, share their research findings, and discuss the latest trends and challenges in the field of chemistry.

## Theme and Sub Theme:

The Seminar will focus on the following theme and sub-themes :

**Theme** - Recent Trends in Chemical Sciences

### Sub-Themes:

- Environmental Science
- Pharmaceutical Science
- Green Chemistry and Sustainable Materials
- Nanotechnology and Material Science
- Analytical Chemistry and Sensors
- Energy and Catalysis
- Chemical Biology and Drug Discovery
- Surface Science and Interface Engineering

## Call for Manuscript & Submission Guidelines:

Participants are requested to mail abstract/paper in MS word file format at

[kaushalmishra64@gmail.com](mailto:kaushalmishra64@gmail.com) with following specifications.

- Abstract length is limited to 300 words  
The research paper will be reviewed by a screening committee. the author will be required to send a paper not exceeding 5000 words including references.
- Title (Times New Roman 14/Kruti dev 12) should be followed by the name(s) of author(s) with the name of the person presenting underlined and their affiliation (Times New Roman 12 / Kruti dev 10). Page margin should be 1” on all sides.
- For Oral Presentation authors will have to present their work in 5 mins through power point presentation followed by discussion.
- The selected papers will be published as seminar proceedings after peer review.

**Last Date for Registration & Abstract Submission March 10, 2023**

**Last Date for Full Paper Submission March 12, 2023**

The Manuscript must be send to [kaushalmishra64@gmail.com](mailto:kaushalmishra64@gmail.com) on or before March 12, 2023.

## **National Advisory Committee**

- Dr. Himashu Shekhar – Professor (Chemistry), VKS University Ara(Bihar)
- Dr. D.N. Thakur - Professor (Chemistry), Patna Univesity Patna (Bihar)
- Dr. R.P.S. Chouhan - Professor (Chemistry), Magadh University, Bodh Gaya (Bihar)
- Dr. Dhanesh Tiwari - Professor (Chemistry), Allahabad University, Prayagraj (U.P.)
- Dr. Radha Tomar - Professor (Chemistry), Jiwaji University, Gwalior (M.P.)
- Dr. A.K. Singh - Professor (Chemistry), Govt. V.Y.T. P.G. college, Durg (C.G.)
- Dr. W.B. Gurule - Professor (Chemistry), K.N. College, Nagpur (M.H.)
- Dr. Dhanesh Singh – Professor (Chemistry), Govt. K.G. Arts & Science College, Raigarh(C.G.)
- Dr. Arun Mishra - Professor ( Chemistry), Govt. Science Model College, Raipur (C.G.)
- Dr. M.K. Bhatnagar - Professor ( Chemistry), Pt. S.N. Shukla University, Shahdol ( M.P.)
- Dr. Lalan Kumar Singh – Deputy Director, Central Institute Of Mining And Fuel Research Dhanbad (Jharkhand)
- Dr. A.L.S. Chandel - Professor ( Chemistry), Govt. E.R.R. P.G. Science College, Bilaspur (C.G.)
- Dr. Arti Shrivastava - Professor ( Chemistry), G.G.U., Bilaspur (C.G.)

## **Local Advisory Committee**

- Mr. R.K. Pandey – Assistant Professor & Head History Dept.
- Dr. M.L. Patle – Assistant Professor & Head Hindi Dept.
- Dr. D.S. Maravi – Assistant Professor & Head Philosophy Dept.
- Mr. R.S. Bhagat - Assistant Professor - History
- Dr. V. Sengupta – Assistant Professor & Head Sociology Dept.
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- Mr. O.P. Singh – Librarian
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- Mr. Naresh Azad - Assistant Professor - Law
- Miss Poornima Suryawanshi - Assistant Professor – Hindi
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- Mr. R.K. Chandra - Assistant Professor - History
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- Mrs. Madhuri Minz Tigga – Assistant Professor & Head Psychology Dept.
- Miss. Varsha Rani Khakha - Assistant Professor – Commerce
- Dr. Pushpa Singh - Assistant Professor & Head Home Science Dept.
- Miss Reshmi Yadav – Dept. Of. Chemistry
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- Mr. B.R. Lathiya – Assistant Grade 1
- Mr. Manoj Yadaw – I/C Accountant

## Organizing Committee

Dr. A.P. Verma  
Principal & Patron

Dr. K. K. Mishra  
Convener and Head - Department of Chemistry

Dr. P. K. Singh  
Organizing Secretary

Mrs. Poonam Thawait  
Co-Convener

### Registration Fee :

Rs. 200/- For UG/PG Students & Research  
Scholars  
Rs 300/- Faculty Members & Others

### Mode of Payment:

By online transaction as per following details :  
Beneficiary Name:  
Principal Government TCL PG College Janjgir  
A/C no. 782805000011  
Bank Name : ICICI Bank Janjgir  
IFSC Code : ICIC0007828

### Registration Link :

[https://docs.google.com/forms/d/e/1FAIpOLsD0c5H\\_HO\\_NVINSOq7YJ2bWM3pi-eTUffKfq55hloubUf0fww/viewform?usp=sf\\_link](https://docs.google.com/forms/d/e/1FAIpOLsD0c5H_HO_NVINSOq7YJ2bWM3pi-eTUffKfq55hloubUf0fww/viewform?usp=sf_link)