CENTRAL UNIVERSITY OF JAMMU

FACULTY PROFILE PERFORMA

First Name	Dr. Sujata	**Middle Name**		**Last Name**	Kundan	**Photograph**
Title & Designation	Associate Professor and Head					
Address	**Office:** Department of Chemistry and Chemical Sciences, Central University of Jammu, Rahya Suchani (Bagla) District-Samba Jammu-181143, J&K, India. **Residence:** H.No. 216 Sector- B Opposite Industrial Estate Jiwan Nagar, Near Satwari, 180010, Jammu, Jammu and Kashmir, India.					
Phone Number	**+91 9906082042**					
Office						
Residence	**0191-2453368**					
Mobile	**+91 9086092042; +91 7006289630**					
Email	sujatakundancuj@gmail.com sujata.che@cujammu.ac.in					
Web-Page						

Google scholar ID
https://scholar.google.com/citations?user=KUQsUkEAAAAJ&hl=en
Vidwan ID
203616
Scopus ID
54789817200
ORCID ID
0000-0001-8665-3667
Educational Qualifications:

Degree	**Institution**	**Year**
Ph.D. Inorganic Chemistry	University of Jammu, Jammu Title of the Thesis, **"Investigations on Substituted Porphyrins and their Axially Ligated Metal Derivatives"**	Oct, 2015
M.Phil. Inorganic Chemistry	University of Jammu, Jammu Title of the Thesis, **"Synthesis and Characterization of axially ligated Zinc(II)-*p*-nitro-*meso*-tetraphenylporphyrin"**	Sept, 2007
M.Sc. Chemistry	University of Jammu, Jammu	2005
B.Sc. Chemistry	University of Jammu, Jammu in May 2002	2002

Career Profile:

20th March, 2025 – Present

Associate Professor and Head of the Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

18th October, 2024 to 19th March 2025

Associate Professor, Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

3rd September, 2021 - 17th October, 2024

Selection Assistant Professor, Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

3rd September, 2016 - 3rd September, 2021

Senior Assistant Professor, Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

2nd August, 2012 - 2nd September, 2016

Assistant Professor, Department of Chemistry, Government Gandhi Memorial (G.G.M) Science College, Jammu, Higher Education Department, Government of Jammu and Kashmir, Jammu and Kashmir, India

3rd May 2010 - 1st August, 2012

Assistant Professor, Department of Chemistry, Government Degree College (Boys), Kathua, Higher Education Department, Government of Jammu and Kashmir, Jammu and Kashmir, India.

Administrative Assignments:

20th March 2025 – Present

Head of the Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

30th March, 2022 – Present

Liaison Officer of SC/ST/PwD Cell, Central University of Jammu, Jammu, India.

1st March, 2023 – Present

NSS Programme Coordinator, Central University of Jammu, Jammu, India.

10th Feb, 2022 - Present

Coordinator-cum-Mentor, 'Standards Clubs' by Bureau of India Standard, Central University of Jammu, Jammu, India.

16th March, 2023 - Present

As a Member of Board of Studies (BOS) of Department of Physics and Astronomical Sciences, Central University of Jammu, Jammu, India.

30th May, 2023 – Present

As a Member of Board of Studies (BOS) of Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu, India.

5th April, 2022 – Present

As Member in the Publicity Cell for Central Universities Entrance Test (CUET-2022) for publicity & awareness

of Programmes, Central University of Jammu, Jammu, India.

6th Sept, 2021 - Present
As Member, "Governing Employee and Students Grievances Redressal Committees", Central University of Jammu, Jammu, India.

28th Sept, 2020 - Present
As Member of "Academic Support Programme", Central University of Jammu, Jammu, India.

18th August, 2021 - Present
As Member, "Equal Opportunity Cell", Central University of Jammu, Jammu, India.

10th May, 2021 - Present
As Member, Task Group for "Effective Teaching-Learning and Evaluation", Central University of Jammu, Jammu, India.

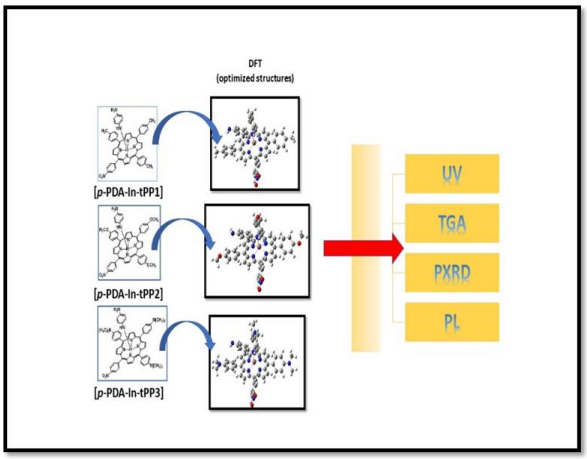
12th April, 2019 - Present
As Member, "Student Induction Programmer (SIP)", Central University of Jammu, Jammu, India.

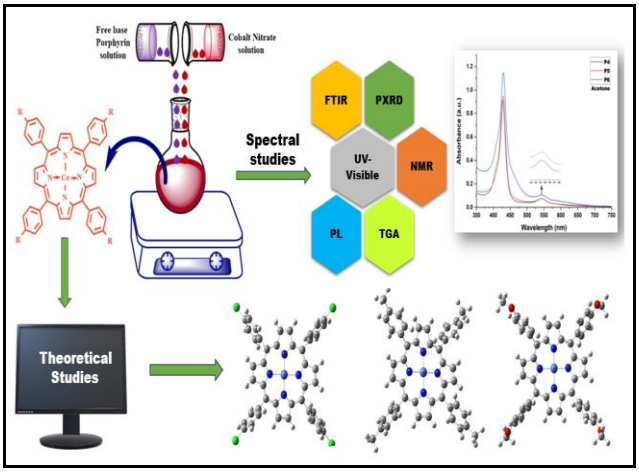
2017 - Present
Library Co-ordinator, Department of Chemistry and Chemical Sciences, CUJ

Areas of Interest / Specialization:

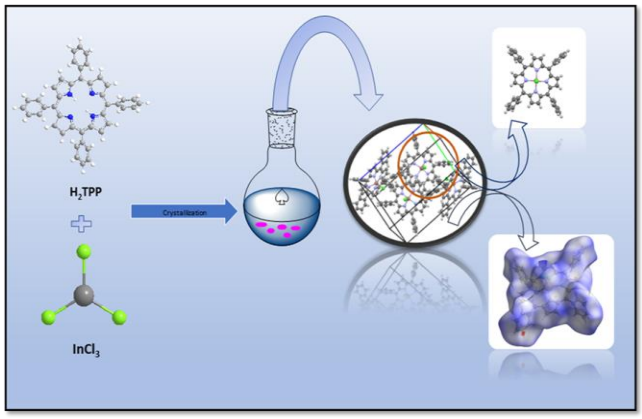
- **Transition Metal Chemistry**
- **Coordination Chemistry**
- **Bioinorganic Chemistry**
- **Nanocomposites (Material Science)**
- **Metal Organic Framework (MOF's)**

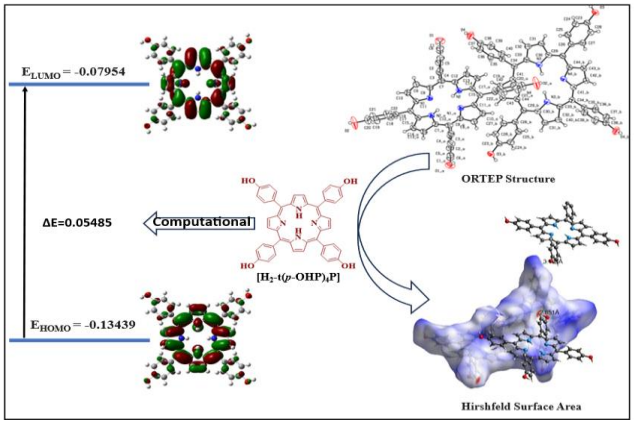
1. Exploring the Stereochemistry of *meso*-aryl-A_3B-type and 4-type Porphyrins

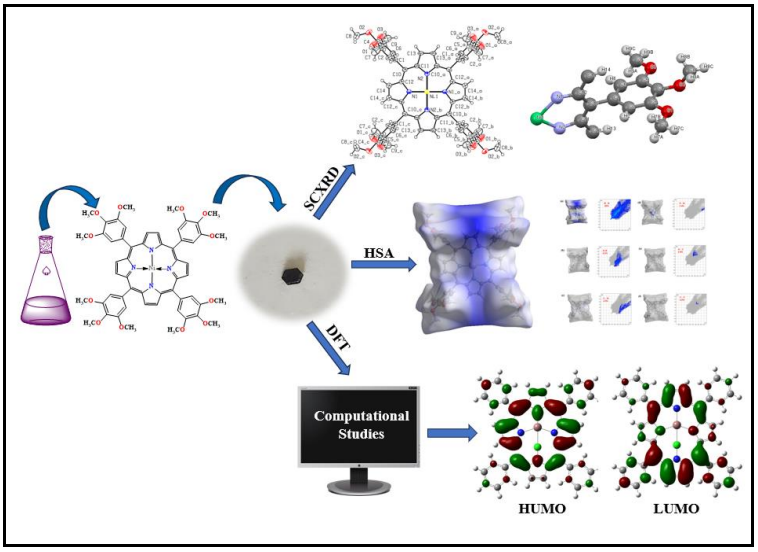




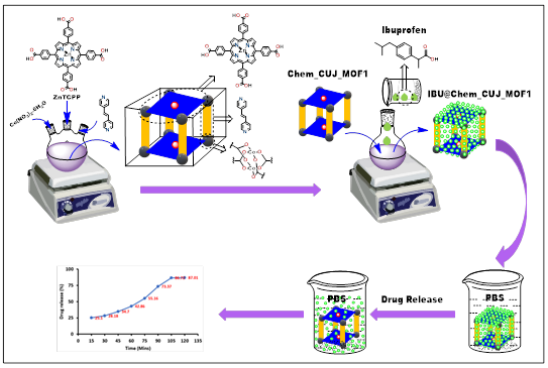
2. Growth of Crystals (Crystallographic), DFT and Hirshfeld Surface Analysis of Porphyrins

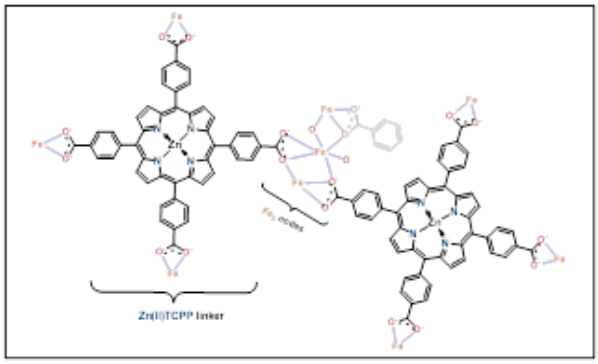


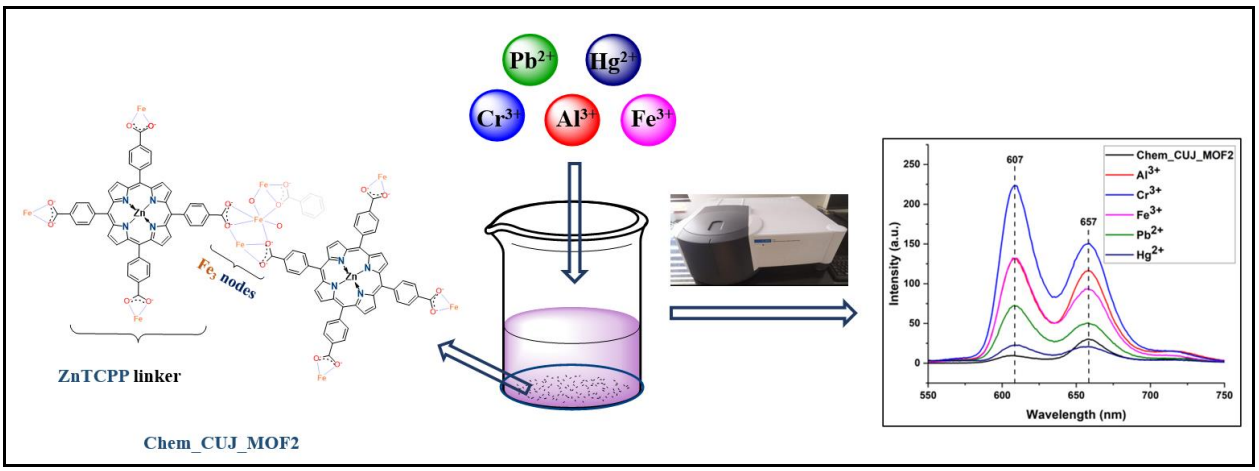


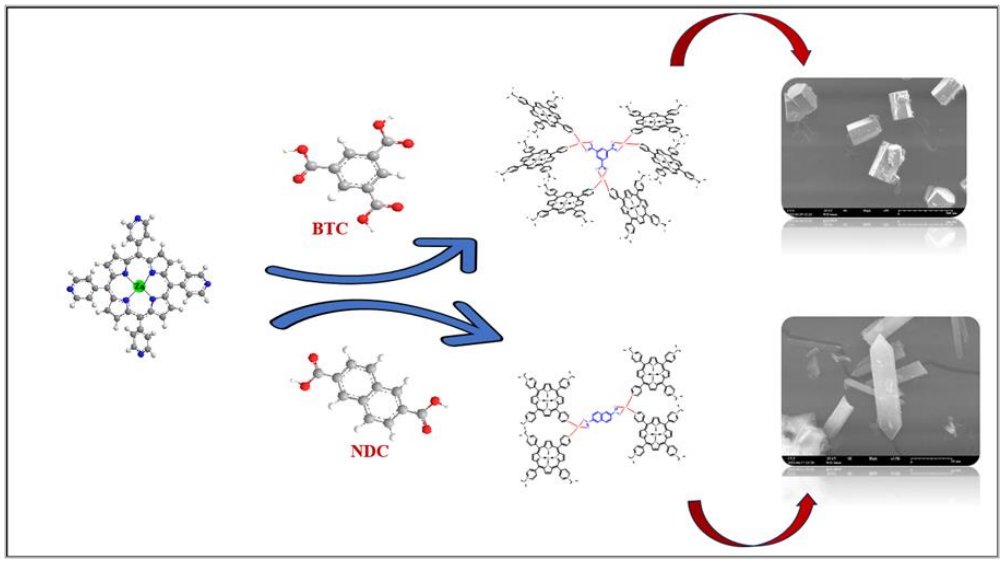


3. Porphyrin-Based Metal Organic Framework the Beaten Track: Design, Construction, and Application in Pharmaceutical and material Science

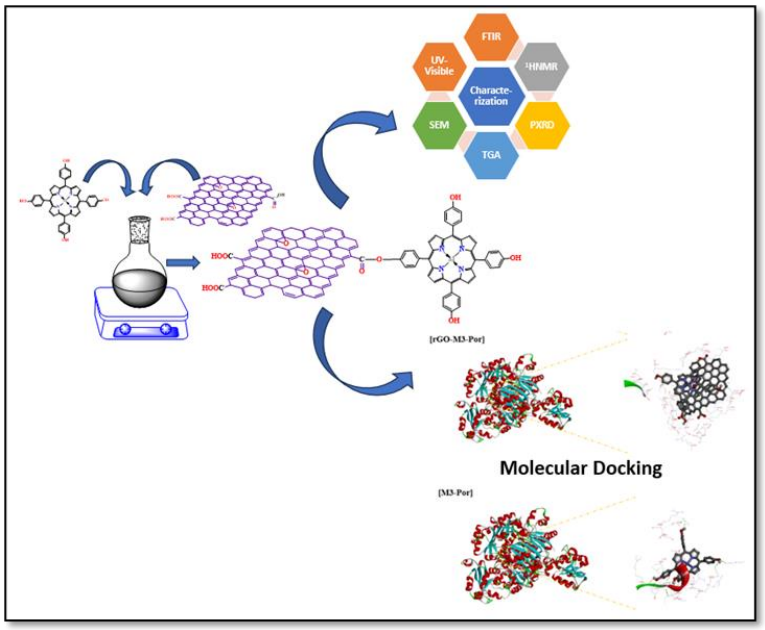


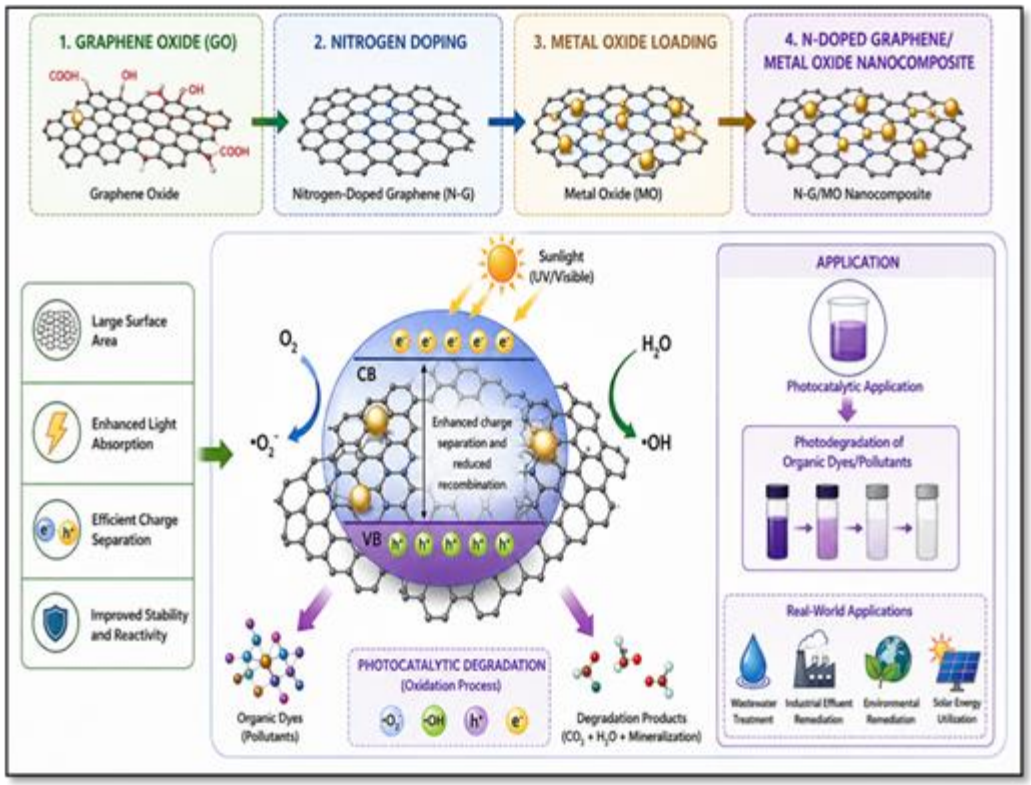






4. Graphene Oxide-Functionalized Metalloporphyrins as Nanomaterials





Subject Taught:

- ✓ General Inorganic Chemistry
- ✓ Transition Metal Chemistry
- ✓ Coordination Chemistry
- ✓ Bioinorganic Chemistry
- ✓ Supramolecular Chemistry
- ✓ Organometallic Chemistry
- ✓ Spectroscopic Characterizations Techniques

Research Guidance:

Ph.D.

- ✓ **Completed: 01 (Supervisor)**
- ✓ **Completed: 02 (As Co-Supervisor)**
- ✓ **Ongoing: 03 (Supervisor)**
- ✓ **Ongoing: 01 (As CoSupervisor)**

Project Assistant

- ✓ **Ongoing: 01**

Project Students (Integrated B.Sc. (Hons.) M.Sc. Chemistry

Batch	Dissertation (Submitted/Awarded)	Number of Students
Batch-2016	Awarded	08
Batch- 2017	Awarded	10
Batch- 2018	Awarded	08
Batch- 2019	Awarded	12
Batch- 2020	Awarded	09
Batch- 2021	**Ongoing**	**03**

Publications Profile:

a. Research Paper

1. Brønsted acid catalyzed three-component synthesis of functionalized dihydro m-terphenyl derivatives
   Rafia Khatoon, Mankar Goutham, Aasif Ansari, Athira Kooleri, **Sujata Kundan**, Vellaisamy Sridharan. Tetrahedron., 195, 135228, **2026**.
   https://doi.org/10.1016/j.tet.2026.135228, Elsevier. IF = 2.2
2. Microwave-assisted synthesis of poly aromatic pyrimido[4,5-b]quinoline derivatives: Design, in silico pharmacokinetics, molecular dynamics simulation, molecular docking, POM analysis, and in vitro antimicrobial screening
   Anand W. Mehta, Ragini C. Patil*, Ajmal R. Bhat*, Mohammad Murwih Alidmat, Shadid Alotaibi, Taibi Ben Hadda, Pranali Vijaykumar Kuthe, Murugesan Sankaranarayanan, **Sujata Kundan**, Sumeer Ahmed*, Gabriela Tataringa. Journal of Molecular Structure., 1351, 144201, **2026**.
   https://doi.org/10.1016/j.molstruc, Elsevier: IF = 4.7

3. Influence of *meso*-phenyl substituents on the free base and Co(II)porphyrins through the looking glass: experimental and theoretical studies
Monika Verma, Devika Sharma, Chayawan, Abhishek Bhushan, Keshav Dubey & **Sujata Kundan**. Journal of Coordination Chemistry., 1-32, **2025**.
https://doi.org/10.1080/00958972.2025.2468928, Taylor and Francis: IF = 1.869 (Scopus) (Q1).
4. One-Pot, Two-Step Synthesis of Highly Functionalized 4-Indolyl/Pyrrolyl-Chromanes via a para-Quinone Methide Formation–1,8-Addition Sequence
Rafia Khatoona, Tanvi Jandial, Anish Gupta, **Sujata Kundan**, Vellaisamy Sridharan*
Synthesis., 56, A-K, **2024, ISSN:** 0039-7881
DOI: 10.1055/a-2371-3579, Thieme Medical Publishers, Thieme Chemistry: IF = 2.2
5. Exploring the stereochemistry of In(III)-A3B-type porphyrins axially ligated with p-PDA: synthesis, electronic properties and DFT calculations
Devika Sharma, **Sujata Kundan***, Amir Fayaz & Tapta Kanchan Roy. *Journal of Coordination Chemistry*., 76(16-24), 1-24, **2023**. **ISSN (online): 1029-0389**; DOI: https://doi.org/10.1080/00958972.2023.2276051, Taylor and Francis: IF = 1.869 (Scopus) (Q1).
6. Symmetrical Synthesis and Characterization of Five Coordinate In(III) Porphyrins with Salicylic Acid Derivatives
Devika Sharma, Deepmala Gupta, **Sujata Kundan***, Dr.Gauri.D.Bajju, S.Ravichandran. *Rasayan J. Chem.,* 16(1), 85-103, **2023**. **ISSN: 0974-1496(Print); ISSN: 0976-0083(Online)**; DOI: http://doi.org/10.31788/RJC.2023.1617019.
7. Creating Awareness on Toxic Nature of Lead.
R.M. Madhumitha Sri, S. Ravichandran, **Sujata**. *International Journal of Metallurgy and Alloys.*, **2021**, 7(2), 44-47. **ISSN: 2456-5113**; DOI: https://doi.org/10.37628/IJMA; **IF = 6.109**, Scopus.
8. Symmetrical Zn(II) porphyrin Complexes: Axial Ligation Effect.
Sujata Kundan, *Gauri.D.Bajju, Altaf Ahmed, Shrdha Anand and Devika Sharma. *Chem Sci Trans*., **2021**, 10(4), pp 149-167. **ISSN: 2278-3318 (Online); ISSN: 2278-3458 (Print)**; **IF: 0.980**, Thomson Reuters.
DOI:10.7598/cst2021.1816
9. Covalently Linked Porphyrin-Graphene Oxide Nanocomposite: Synthesis, Characterization and Catalytic Activity. Altaf Ahmed, Gita Devi, Ashu Kapahi, **Sujata Kundan**, Sapna Katoch. *Journal of Materials Science: Materials in Electronics*. **2019**, 30, 19738-19751; **ISSN: 0957-4522 (print) 1573-482X (web);** DOI: https://doi.org/10.1007/s10854-019-02324-7; **IF = 2.8**, SCI, Scopus.
10. Novel Axially Ligated Complexes of Zn(II)Porphyrin: Spectroscopic, Computational, and Antibiological Characterization. **Sujata Kundan**, Gauri.D.Bajju, Deepmala Gupta, and Tapta Kanchan Roy. *Russian Journal of Inorganic Chemistry*. **2019**, Vol. 64, No. 11, pp. 1379–1395; **ISSN: 0036-0236**; DOI: https://doi.org/10.1134/S003602361911010X; **IF = 1.8**, SCImago Journal Rank (SJR).
11. Synthesis and Characterization of some new thallium(III) macrocyclic complexes And their biological studies. Gauri D. Bajju*, Sapna Katoch, Gita Devi, **Sujata Kundan**, Ashu and Madhullika Bhagat. *Main Group Met. Chem*. **2016**; 39(1-2): 19–29; **ISSN: 2191-0219**;

https://doi.org/10.1515/mgmc-2015-0027; **IF = 1.8 (2022)**, SCImago Journal Rank (SJR): 0.313.

12. Synthesis, Spectroscopic Characterization and Antimicrobial Screening of Aluminium(III)porphyrin Complexes containing Substituted Salicylates. Gauri D. Bajju*, Deepmala, **Sujata Kundan** and Altaf Ahmed. *Chem Sci Rev Lett*. **2014**; 3(12), 1135-1141. (**Thomson Reuters**); (http://creativecommons.org/licenses/by/3.0/); ISSN (online) 2645-4947 (print) 2676-7279; **IF = 6.671**.
13. Toxicological Studies of Indium(III) Porphyrin Complexes Containing Salicylates As Axial Ligand. Gauri D. Bajju*, Deepmala, Ved Kumar, **Sujata Kundan** and Altaf Ahmed. *World Journal of Pharmaceutical Research*. **2014**; Vol.3, Issue 10, 1613 -1622; ISSN: 2277-7105; **IF = 8.453**.
14. Synthesis and Spectroscopic and Biological Activities of Zn(II) Porphyrin with Oxygen Donors. Gauri D. Bajju* **Sujata Kundan**, Madhulika Bhagat, Deepmala Gupta, Ashu Kapahi, Gita Devi. *Journal of Bioinorganic Chemistry and its applications*.Vol.**2014**; Article ID 782762; ISSN: 1565-3633 (Print); ISSN: 1687-479X (Online); DOI: https://doi.org/10.1155/2014/782762; **IF = 4.7 (Wiley)**.
15. Electrochemical and Spectroscopic Characterization of Aluminium (III)-*para*-methyl-*meso*-tetraphenylporphyrin Complexes Containing Substituted Salicylate as Axial Ligands. Gauri D. Bajju*, Deepmala, Sunil Kumar Anand, **Sujata Kundan** and Nariender Singh. *International Journal of Electrochemistry*. Vol. **2013**; Article ID 409375, 10 Pages; ISSN: 2090-3529 (Print); ISSN: 2090-3537 (Online) DOI: https://doi.org/10.1155/2013/409375; **IF = 1.8**.
16. Synthesis, Spectroscopic, and Biological Studies on New Zirconium (IV) Porphyrin with Axial Ligand. Gauri D. Bajju*, Gita Devi, Sapna Katoch, Madhulika Bhagat, Deepmala, Ashu, **Sujata Kundan**, and Sunil Kumar Anand. *Journal of Bioinorganic Chemistry and its applications*. Vol.**2013**; Article ID 903616, 15 Pages; ISSN: 1565-3633 (Print); ISSN: 1687-479X (Online); DOI: https://doi.org/10.1155/2013/903616; **IF = 4.7 (Wiley)**.
17. Oxovanadium(IV) Complexes with Nitrogen Donors: Synthesis, Characterization, and Biological Activities. Gauri D. Bajju*, Puja Sharma, Ashu Kapahi, Madhulika Bhagat, **Sujata Kundan**, and Deepmala Gupta. *Journal of Inorganic Chemistry*; Vol.**2013**; Article ID 982965, 11 Pages; https://doi.org/10.1155/2013/982965.
18. Synthesis and Spectroscopic studies of Axially ligated Zn(II)5,10,15,20-*Meso*-tetra(4-chlorophenyl)porphyrin with oxygen and nitrogen donors. Gauri D .Bajju*****, **Sujata Kundan**, Ashu, Deepmala. *Journal of Chemistry*. Vol.**2012**; Article ID 135815, 14 Pages; ISSN: 2090-9063 (Print); ISSN: 2090-9071 (Online); DOI: https://doi.org/10.1155/2013/135815; **IF = 1.9**.
19. Synthesis and Characterization of Zirconium(IV) derivatives of *meso*-tetra(*p*-methylphenyl)porphyrin with Acetylacetonate and different Phenolates at Axial positions. Gauri D. Bajju*****, Sunil Kumar Anand, **Sujata Kundan**, Deepmala, Ashu and Gita. *Oriental Journal of Chemistry*. **2012**; Vol. 28(01), 417-432; ISSN: 0970 - 020X (Online); ISSN: 2231-5039; DOI: https://www.orientjchem.org/?p=23980; **IF = 0.561**.
20. Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions. Gauri D. Bajju*****, Sunil Kumar Anand and **Sujata Kundan**. *Oriental Journal of Chemistry*. **2012**; Vol. 28(01), 449-462; ISSN: 0970 - 020X (Online); ISSN: 2231-5039; DOI: http://www.orientjchem.org/?p=23989**; IF = 0.561**.
21. Stereochemistry around chromium(III) in mixed ligand complexes. Gauri D. Bajju*****, Deepmala, Ashu and **Sujata Kundan**. *Asian Journal of Chemical and Environmental*

Research (AJCER). **2011**; Vol. 4(03). ISSN: 0974-3049; UGC Listed: 3965; **IF = 2.89**.

22. Synthesis and Characterization of axially ligated Zinc(II)-*p*-nitro-*meso*-tetraphenylporphyrin. Gauri D. Bajju*****, **Sujata Kundan** and Sunil Kumar Anand. *Journal of Indian Chemical Society (JICS)*. **2011**; Vol. 88, 1-10; ISSN: 2667-2847 (Online); Linking ISSN: 0019-4522; DOI: https://www.researchgate.net/publication/286675939_Synthesis_and_characterization_of_axially_ligated_zincII-para-nitro-_mesotetraphenylporphyrin. 10.5281/zenodo.5790419; **IF = 1.3 (Scopus)**.

b. Chapters in Books

1. **Chapter Title:** "Revolutionizing Corrosion Control through Metallic Organic Frameworks: Beyond Rust"
   Shivani Manhas, Monika Verma, Devika Sharma, and **Sujata Kundan***
   Manuscript ID: bk-2024-00465m.R1
   Book Title: "Advances in Green Synthesis of MOFs: Environmental Implications and Corrosion Control Innovations"
   Publisher: ACS Symposium Series volume
   Status: Accepted **(26-11-2024)**
2. **Chapter Title:** "Global Distribution of Micro- and Nano-Plastics: Scope of Nanomaterials towards Photocatalytic Degradation"
   Monika Verma, Yashaswini, **Dr. Sujata Kundan***
   Book Title: " Emerging Materials for Photodegradation and Environmental Remediation of Micro- and Nano-Plastics: Recent Developments and Future Prospects
   Publisher: (published by ISTE Ltd, London and John Wiley & Sons, New York)"
   Status: Accepted **(11-11-2024)**
3. **Chapter Title:** "Design, Characterization and Applications of Bio-inspired Materials"
   Shivani Manhas, Devika Sharma, Monika Verma, **Dr. Sujata Kundan***
   Book Title: Biological, Chemical, and Physical Approach to Materials and Their Applications. (ISBN No. 978-81-19674-31-2)
   Publisher: National Press Associates, New Delhi
   Status: Accepted **(15-03-2024)**
4. **Chapter Title:** "Biobutanol Production Using Nanotechnology: A Way Forward"
   Renu Singh, Sibananda Darjee, Bharti Rohtagi, Ashish Khandelwal, Sapna Langyan, Amit Kumar Singh, Manoj Shrivastava, Anu Bharti, Har Mohan Singh, **Sujata Kundan**
   Book Title: Sustainable Butanol Biofuels (eBook ISBN- 9780367760779) in **2023**; 17 Pages.
   Edited By: Anita Singh, Richa Kothari, Somvir Bajar, Vineet Veer Tyagi
   DOI: https://doi.org/10.1201/9781003165408.
   Publisher: CRC Press (Taylor & Francis Group)
5. **Chapter Title:** "Biomass and Bioenergy for Sustainable Development"-
   Dr. Sujata Kundan*
   Book Title: Climate Change and Human Health (ISSN/ISBN No.: 978-81-961210-0-6) in **Feb.2023**.
   Edited By: Dr. S. Ravichandran
   Link:
   https://www.researchgate.net/publication/370137500_Online_S_Ravichandran_Climate_Change_and_Human_Health1_2
   Publisher: Kripa Drishti Publications, Pune, Maharashtra, India.

	6. **Chapter Title:** "Significances of Medicinal Plants for the Betterment of Human Life" **Sujata Kundan***, R. M. Madhumitha Sri, S. Ravichandran, Riddima Singh **Book Title:** Indian Medicinal Plants for Primary Health Care System (ISBN: 978-93-90847-83-9**)** in **November, 2021**; 8 Pages. **Edited By:** Dr. Pallavi Dixit **Publisher:** Kripa Drishti Publications, Pune, Maharashtra, India. 7. **Communicated Chapter** **Chapter Title:** " Autonomous Sensor Networks for Environmental Monitoring" By SHIVANI MANHAS, MONIKA VERMA, DEVIKA SHARMA, SUJATA KUNDAN* **Book Title:** " Nanosensors for Environmental Monitoring: Real-Time Detection of Pollutants" **Publisher:** Apple Academic Press (AAP) **Status:** Communicated on 06-10-2024
Patents:	
	1. **Title of the invention:** UNDER GROUND VEHICLE FOR RESCUE OPERATION **Name of Applicants:** Siddik Hussain, Dr. Jyoti Rajput, Dr. S. Suresh, Agnel Antony, Dr. Sujata Kundan, Dr. S. Brindha, Dr.Ratesh Kumar, Rajveer Singh, Dr. S. Ravichandran **No. of Pages:** 13 (Application No.202411014301 A) **Date of filing of Application:** 27/02/2024 **Publication Date:** 08/03/2024 **The Patent Office Journal No.** 10/2024; Dated 08/03/2024 2. **Title of the invention:** THE PROCESS OF ELECTRONIC COOLING FABRICS FOR IMPLEMENTATION IN PORTABLE DEVICES **Name of Applicants:** Siddik Hussain, Dr. Jyoti Rajput, Dr. Jeeban Prasad Gewali, Dr. Amar Srivastava, Dr. Mukesh Kumar, Dr. S. Suresh, **Dr. Sujata Kundan,** Jobanpreet Singh, Dr. S. Ravichandran **No. of Pages:** 12 (Application No.202411009133 A) **Date of filing of Application:** 11/02/2024 **Publication Date:** 16/02/2024 **The Patent Office Journal No.** 07/2024; Dated 16/02/2024 3. **Title of the invention:** AUTOMATIC BUMPER BREAKING SYSTEM FOR ACCIDENT PREVENTON AGAINST VEHICLES COLLISION **Name of Applicants:** Siddik Hussain, Dr. Jyoti Rajput, Dr. Sujata Kundan, Dr. S. Brindha, Dr. S. Suresh, Rajveer Singh, Dr. Viraj Hanumantrao Mankar, Agnel Antony, Dr. Amar Srivastava, Jobanpreet Singh, Dr. S. Chitradevi, Dr. Mukesh Kumar, Dr. S. Ravichandran **No. of Pages:** 11 (Application No. 202411015606 A) **Date of filing of Application:** 02/03/2024 **Publication Date:** 08/03/2024 **The Patent Office Journal No.** 10/2024; Dated 08/03/2024

Conference / Workshops/Training Organized:

1. Acted as **Organizer (Convener and Head**) for organizing the Skill Enhancement Program w.e.f 23th April, 2025 to 03rd May, 2025 in line with NEP 2020 for final Semester Students of Integrated B.Sc. (Hons) M.Sc. at Central Instrumental Facility, New Science Ground Floor, Central University of Jammu.
2. Acted as **Organizer (Convener and Head**) for organizing the **INDUCTION cum WORKSHOP** "The Impact of Instrumentation on Chemical Sciences" on 30th September, 2025 in the Department of Chemistry and Chemical Sciences, Central University of Jammu.
3. Acted as **Organizer (Convener and Head**) for organizing the events under **"Quarter 3 Programme" (1st March to 31st May, 2026)** with the thrust area: "Prototype, Design, and Business Model Development" in collaboration with Institution's Innovation Council (an initiative of the Ministry of Education) of the Central University of Jammu.
4. Acted as **Organizer (Convener and Head)** at "Recent Advances in Chemical Sciences" (RACS-2026) in the Department of Chemistry and Chemical Sciences at Central University of Jammu on **12th and 13th Feb, 2026**.
5. **Certificate of Appreciation** to act as an **Organizer** in the International conference on Sustainable Development in Chemical & Material Sciences (SDCMS-2024) held from **4th to 5th April, 2024** in the Department of Chemistry and Chemical Sciences, CUJ.
6. Acted as **Member Scientific activities management committee (Model Making), 28th Feb., 2022** in **NSD-2022**, Central University of Jammu, Jammu.
7. Acted as **Member (Model Making) at International Conference on "Frontiers of Space Technology and Application for Humanity", on 12th March-13th March, 2022,** at Central University of Jammu, Jammu.
8. Acted as **Organizer (NSS Programmer Officer-III)** at "Sanjeevani-Life Beyond Cancer in collaboration with NSS Central University of Jammu organises Cancer Awareness Programme on Healthy Lifestyle and Cancer Prevention", **2020**.
9. **Organizing Secretary** in National Conference on "Emerging Trends in Chemical Sciences (ETCS-2019)" in the Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu on 14th-15th March, 2019.
10. **Organizing Secretary (ADSW)** in "UDAAN-2019" at Central University of Jammu, Jammu on 10th & 12th April, 2019.
11. **Organizing Secretary (ADSW)** in "Alumni-meet 2019" at Central University of Jammu, Jammu on 29th April, 2019.
12. **Organizing Secretary** in "Chem Forum – Lecture Series in Chemistry" in the Department of Chemistry and Chemical Sciences, Central University of Jammu, Jammu on 25th Jan, 2019.
13. **Organizer** in National Conference on "Materials for sustainable development and new technology" in Department of Nanoscience and Materials in Central University of Jammu on 28th, 29th April 2017.
14. **Certificate of Participation** in National Conference on "Materials for sustainable development and new technology" in Department of Nano- sciences and Materials at Central University of Jammu on 28th, 29th April 2017.
15. Member of **organising committee** at National Science Day (NSD) (28-02-2017).

Creation of ICT Mediated Teaching Learning Pedagogy and Content:

Conference/Workshops/Training attended as Faculty Member:

Invited Lectures/Resource Persons:

1. As a **Chairperson** in the **"International Hybrid Conference on Nano Structured Materials and Polymers (ICNP-2023)"** on **12th May, 2023 to 14th May, 2023** jointly organized by International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India, Gdansk University of Technology, Poland, Wroclaw University of Technology, Wroclaw, Poland, University of Johannesburg, Johannesburg, South Africa and University of Lorraine, Nancy, France.
2. For delivering a **lecture** title **"Novel Nanocomposites of Covalently Linked Porphyrin-Graphene Oxide: Preparation, Characterization, and Catalytic Activity"** in the International Hybrid Conference on Nano Structured Materials and Polymers (ICNP-2023) on **12th May, 2023 to 14th May, 2023** jointly organized by International and Inter University Centre for Nanoscience and Nanotechnology (IIUCNN), Mahatma Gandhi University, Kottayam, Kerala, India, Gdansk University of Technology, Poland, Wroclaw University of Technology, Wroclaw, Poland, University of Johannesburg, Johannesburg, South Africa and University of Lorraine, Nancy, France.
3. For delivering a **lecture** title "**Porphyrin-Based Graphene Oxide Nanocomposites of Zn(II) and Ni(II)"** in the Virtual International Conference on Functional Materials and its Application Aspects (ICFMAA-2021)-**29th-30th October, 2021**, organized by Department of Physics, Institute of Science & Humanties Saveetha School of Engineering, SIMATS, Thandalam, Chennai, Tamil Naidu.
4. For delivering a **lecture** title "**Novel A3B-type Cr(III)Cl Porphyrin Hybrids Based Graphene Oxide-Preparation and Characterization"** in the Virtual International Conference on Emerging Research Trends in Chemical Sciences (ERTCS-2020)-**24th-26th July, 2020**, organized by Govt. Post Graduate College Rajouri, Jammu.
5. For delivering a **lecture** title **"Axial interaction of zinc(II)-5,10,15,20-meso-substituted tetraphenylporphyrins-Spectroscopic, Biological and Theoretical Characterization"** in the International Conference on Recent Advances in Interdisciplinary Sciences-**11th-12th Jan, 2019**, organized by Department of Electronics, University of Jammu, Jammu in collaboration with IEEE EDS, Delhi Chapter and IETE, Jammu Centre.

Conferences Attended: Papers/Poster Presented:

1. Sujata Kundan ***(Oral):*** **Exploring the Stereochemistry of In(III)-A3B-type Porphyrins Axially Ligated with *p*-PDA: Synthesis, Electronic Properties and DFT Calculations**; "Virtual (Online) International Conference on Molecular Designed Functional Materials 2023 (MDFM 23)"- **28th September 2023 to 30th September 2023**. Organized by S & T Digital's.
2. Sujata Kundan ***(Oral):*** **Green Energy for Sustainable Development;** International Conference on Global Challenges, Innovation and sustainability of Mankind: "UNRAVELLING THE MIND'S EYE"-**31st Oct 2019 to 2nd Nov, 2019**. Organized by Government Degree College, Udhampur in collaboration with Indian Science Congress Association (ISCA), Jammu.
3. Sujata Kundan ***(Oral):*** **Bio-energy and Waste to Energy for Sustainable Development;** National Conference on Renewable Energy and Sustainable Environment (NCRESE): Challenges and Remedies-**24th-25th April, 2018**. Organized by Department of Energy Management, at Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu.
4. Sujata Kundan ***(Oral):*** **Thermal Gravimetric Analysis and Antibiological Activities of Zinc(II) Macrocyclic ligands with phenolates;** One Day National Conference On "Skill Enhancement Courses & Employment Generation (SECEG)"-**19th Dec, 2017**. Organised by Department of Chemistry, Govt. Degree College, Kathua (J&K)-184101.

5. Sujata Kundan ***(oral):*** **Biological and Computational studies of Axially Ligated macrocyclic complexes of Zinc with Oxygen and Nitrogen donors;** TWO DAY'S NATIONAL SCIENCE CONFERENCE ON "SCIENCE, SOCIETY AND SUSTAINABLE DEVELEOPMENT"-**25th-26th Nov, 2017**. Organised by P.G. Department of Sericulture, Poonch Campus, University of Jammu, Poonch in collaboration with Govt. Degree College, Poonch.
6. Sujata Kundan ***(Oral):*** **Spectroscopic, Computational and Antibiological evaluation of Axially Ligated Complexes of Zn(II)-5,10,15,20-*meso*-tetraphenylporphyrin with phenolates and pyridinates;** 2nd National Conference on Role of Mathematics and Computer Science in Advancement of Physics (RMCSAP)-**10th -11th Nov, 2017**, Organised by Govt. Degree College, Kathua (J&K)-184101.
7. Sujata Kundan ***(Oral):*** **Green Chemistry for Energy and Environment;** International Conference on Renewable Energy for Sustainable Environment (ICRESE): Challenges and Remedies-**20th -21st March, 2017**. Organized by Department of Energy Management, at Shri Mata Vaishno Devi University (SMVDU), Katra, Jammu.
8. Sujata Kundan ***(Poster):*** **Porphyrins----Super-molecules of the Future;** 2-Day National Conference on Interdisciplinary Sciences and Humanitie-**15th-16th March, 2017**. Funded by DST-FIST, GDI at Govt. Postgraduate College, Rajouri, Jammu.
9. Sujata Kundan ***(oral):*** **Symmetrical Synthesis of axially ligated Zn(II)5,10,15,20-*meso*-tetra(*p*-methoxyphenyl)porphyrin and its physio- its physicochemical, theoretical calculations and biological evaluation;** 12th JK SCIENCE CONGRESS-**2nd-3rd March, 2017**. University of Jammu, Jammu in collaboration with J&K State Science, Technology & Innovation Council.
10. Sujata Kundan ***(Poster):*** **Comparative Investigations of the Photophysical and Biological Evaluation of Symmetrical Zn(II)-*meso*-5,10,15,20-tetrakis(*p*-phenyl) Porphyrin with Phenoxide and Pyridines;** 11th National Conference of the Indian Thermodynamics Society (ITS) on "Advances in Chemical Sciences and Thermodynamics –**2nd -3rd Dec, 2016**. Organized by Department of Chemistry, University of Jammu, Jammu.
11. Sujata Kundan ***(Poster)*****: Acute Toxicity Evaluations of some Zinc(II) complexes Containing Substituted Salicylates derived from porphyrin free-bases;** 10th JK Science Congress-**14th -16th March, 2015**. University of Jammu, Jammu in collaboration with J&K State Council for Science and Technology, Govt. of J&K.
12. Sujata Kundan ***(Paper)*****: Physio and biological Studies of *Meso*-tetra(*para*- phenyl)Substituted Porphyrins;** 2nd National Symposium on Interdisciplinary Sciences-**27th-28th Feb, 2015**, G.G.M. Science College, Jammu (J&K) Sponsored by CSIR.
13. Sujata Kundan ***(Poster):*** **Synthesis, physio-chemical and biological characterization of substituted *meso*-tetra(*para*-phenyl) porphyrins with nitrogenous bases;** CHEMCON 2015- National Seminar and Workshop on Advances, Perspective & Challenges in Chemical Sciences-2015, **11th-12th Feb, 2015**, Department of Applied Chemistry, Sardar Bhagwan Singh Post Graduate Institute of Biomedical Sciences & Research (SBSPGI), Balawala, Dehradun.
14. Sujata Kundan ***(Poster):*** Gauri D.Bajju, Tabraiz Sadiq, Supneel,Vishal singh Kotwal and Deepmala. **Synthesis and Spectroscopic Characterization of group (IIIA) metal ions (Al(III),Tl(III)-*p*-chloro-*meso*-tetraphenylporphyrin with Phenolates at axial position;** 101th Indian Science Congress-**3rd to 7th Feb, 2014**, University of Jammu, Jammu.
15. Sujata Kundan ***(Paper):*** **Chemistry in Every Day Life:** 2ND J&K Women's Science Congress-**5th to 7th Nov, 2013**. Govt. College for Women, Parade Ground, Jammu Sponsored by Dept. of Science and technology, Govt. Of India and J&K State Council for Science and Technology, Department of Science and Technology, J&K.
16. Sujata Kundan ***(Paper):*** Gauri. D. Bajju, Sunil Kumar Anand. **Synthesis and Spectroscopic Studies of Zirconium(IV) Porphyrins with Acetylacetonate and Phenolates at Axial positions;** 7th National Symposium and Conference on Solid State Chemistry and Allied Areas-**24th to 26th Nov, 2011**,

University of Jammu, Jammu.

17. Sujata Kundan ***(Paper):*** **Axial interaction of Zn(II)5,10,15,20-*meso*-tetra(4-methylphenyl) porphyrins with oxygen donors;** Gauri. D. Bajju, Deepmala, Ashu, Sapna (Abstracts No. CST_009) (PP-130) 7th J & K State Science Congress State-**13th to 15th Oct, 2011**, University of Jammu, Jammu in collaboration with J&K state council for Science and Technology.
18. Sujata Kundan ***(Poster):*** **Stereochemistry Around Chromium(III)Salicylates and Sulfosalicylates in mixed ligand complexes:** Gauri. D. Bajju, Deepmala, Ashu, Sapna. (P-9) North Zone Meeting-**22nd to 24th Sept, 2011**. Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.
19. Sujata Kundan ***(Paper*)**: **Synthesis and spectroscopic studies of axially Ligated Zn(II)5,10,15,20–*meso*–tetra(4-chlorophenyl)porphyrin with oxygen and nitrogen donors.** Gauri. D. Bajju, Deepmala, Ashu, Sapna (P-53) North Zone Meeting-**22nd to 24th Sept, 2011**. Chemical Research Society of India. North Zone Meeting, University of Jammu, Jammu.
20. Sujata Kundan **(Poste*r):* Axial Ligation of Oxovanadium(IV) tetraphenyl porphyrin with Oxygen and Nitrogen Donors. Gauri. D. Bajju, Puja Sharma, and Deepmala.** SCI-CHEM-248. P-16 5th J&K State Science Congress State-**8th to 19th Feb, 2010**, University of Jammu, Jammu.
21. Sujata Kundan ***(Paper):*** **Synthesis and Characterization of Axially Ligated Zinc(II)-*para*-Nitro-*meso*-tetraphenylporphyrins:** Puja Sharma and Dr. Gauri. D. Bajju. P-59 3rd J&K State Science Congress state-**26th to 28th Feb, 2008**, University of Jammu, Jammu.

Offline Conferences and Workshop Participated

1. Sujata Kundan ***(Participation):*** **One Week Workshop/Training on "PROFESSIONAL DEVELOPMENT WORKSHOP: On Design, Develop & Deliver Massive Online"- 3rd to 9th Jan, 2020,** Organized by Department of Computer Science & IT In Collaboration with C-DAC, Mohali, held at Central University of Jammu, Jammu.
2. Sujata Kundan ***(Organizing Member):*** **National Conference on Emerging Trends in Chemical Sciences–14th to 15th March, 2019**, Organized by Department of Chemistry and Chemical Sciences at Central University of Jammu, Jammu.
3. Sujata Kundan ***(Participation):*** **One Week Workshop/Training on "eSuraksha"-A Practical Approach on Network & Web Application Security–10th to 14th Dec, 2018**, Organized by Department of Computer Science & IT In Collaboration with C-DAC, Mohali, held at Central University of Jammu, Jammu.
4. Sujata ***Kundan (Participation):*** **"One Day NPTEL AWARENESS WORKSHOP-**2018"–**3rd Dec, 2018**, Conducted by Indian Institute of Technology, Kanpur at Central University of Jammu, Jammu.
5. Sujata ***Kundan (Participation):*** **"One Day Workshop on World Health Day-**2018"–**9th April, 2018**, Organized by Central University of Jammu, Jammu.
6. Sujata Kundan ***(Participation):*** **"One Day Acquaintance Programme on Accelerator based Research"–26th March, 2018**, Organized by *Inter University Accelerator Centre (IUAC), New Delhi*, held at Department of Physics and Astronomical Sciences, Central University of Jammu, Jammu.
7. Sujata Kundan ***(Participation):*** Three Days Workshop on **"Research Methodology"-30th Jan to 1st Feb, 2018**. Organized by Govt. College for Women, Parade Ground, Jammu and Co-sponsored by University Grants Commission.
8. Sujata Kundan **(Participation): "Entrepreneurship Awareness Camp"–18th - 20th Jan, 2018**, Sponsored by Entrepreneurship Development Institute, Gandhi Nagar, Gujarat under DST-NIMAT project, GOI organised by University Business Incubation Centre, Central University of Jammu, Jammu.
9. Sujata Kundan ***(Participation):*** One Day Workshop on **"Transacting Students' Engagement for Rural Community Development"-26th-27th April, 2017**. Organized by The Central University of Jammu in

collaboration with National Council of Rural Institutes (NCRI), Ministry of Human Resources and Development, Hyderabad.

10. Sujata Kundan ***(Participation):*** **National Workshop on Intellectual Property Rights-28th-29th March, 2017**. Organized by University Business Incubation Centre, Central University of Jammu, Jammu.
11. Sujata Kundan ***(Participation):*** **National Workshop on Material for Sustainable Development and New Technology (MSDNT-2017)-28th-29th April, 2017**. Organised by Department of Nano Sciences & Materials, Central University of Jammu, Jammu.
12. Sujata Kundan ***(Participation):*** **National Conference on Analysis and its Applications–27th March, 2014**. Department of Mathematics, Govt. Gandhi Memorial (G.G.M) Science College, Jammu (Jammu and Kashmir).
13. Sujata Kundan ***(Participation):*** **National Workshop on Nanoscience and Materials-16th to 18th Oct, 2013**. Indian Association of Solid-State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
14. Sujata Kundan ***(Participation):*** **National Symposium on Frontier Areas in Solid State Chemistry and Material Science-9th to 15th June, 2012**, Indian Association of Solid-State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
15. Sujata Kundan ***(Participation):*** **UGC Sponsored National Symposium on Interdisciplinary Sciences-2nd-3rd March, 2012**. Government Gandhi Memorial (G.G.M) Science College, Jammu (Jammu and Kashmir).
16. Sujata Kundan ***(Participation):*** **National Workshop on Solid State Chemistry and Material Science-4th to 9th July, 2011**. Indian Association of Solid-State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).
17. Sujata Kundan ***(Participation):*** **National Symposium on New Trends in Material Research-18th to 20th Nov, 2010**. Indian Association of Solid-State Chemists and Allied Scientists (ISCAS), Jammu (Jammu and Kashmir).

On Line Webinar/Workshop Attended

1. Sujata Kundan **(Participation):** In **Editor's Conclave** on Virtual Research Publishing entitled "Editor's Code of Conduct in Research Integrating and Publishing Practices" on **20th September 2024**, organized by Innovative Education and Scientific research Foundation in collaboration with IP Innovative Publication.
2. Sujata Kundan **(Participation):** In Online National Webinar entitled "Recent Updates in Medical Treatments in Breast Cancer" on 11th October 2024, organized by Indian Cancer Society, Delhi in collaboration with UGC-Malaviya Mission Teacher Training Centre (UGC-MMTTC/GAD-MMTTC), SGTB Khalsa College, University of Delhi.
3. Sujata Kundan **(Participation):** In Online Quiz on the **Bharat-Loktantra ki Janani** on **27th November 2023**, organized by Ministry of Parliamentary Affairs, Government of India.
4. Sujata Kundan (Participation): in IP Awareness/Training Program under **National Intellectual Property Awareness Mission** on **25th Jan 2023**, organized by Intellectual Property Office, India.
5. Sujata Kundan **(Participation):** In One Day National Workshop on **"Research Methodology"** on **23rd January 2023** organized by Science Club in collaboration of Internal Quality Assurance Cell (IQAC), Govt. Degree College (Boys) Kathua, Jammu.
6. Sujata Kundan **(Participation):** In National Workshop on **"Intellectual Property Rights"** on **20th Jan 2023**, under National Intellectual Property Awareness Mission jointly organized by Intellectual Property Office and MoE's Innovation Cell, GOI, Faculty Induction Development Cell and School of Business Studies, Central University of Jammu, Jammu. India.
7. Sujata Kundan **(Participation):** Research Publication Workshop on **11th Nov., 2022 to 12th Nov., 2022**,

organized by Innovative Education and Scientific research Foundation.

8. Sujata Kundan **(Participation):** As delegate in the FAHS Science Club-Faculty Seminar on **"Automating Liquid Handling for Life Sciences"** on **30th July 2022,** organized by Faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India.
9. Sujata Kundan **(Participation):** As delegate in the One-Day National Virtual Seminar on **"Biomedical Applications of Nanotechnology"** on **07th May 2022,** organized by Faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India.
10. Sujata Kundan **(Participation):** In Five Days International Virtual Workshop on **"Research Writing, Editing and Publishing"** on **25th March 2022 to 29th March 2022** organized by Lavender Literary Club, India, Cape Comorin Trust, India, Malaysian Industrial Relations & Human Resource Association (MIRHRA).
11. Sujata Kundan **(Participation):** In IP Awareness/Training Program under **National Intellectual Property Awareness Mission** on **31st Jan 2022,** organized by Intellectual Property Office, India.
12. Sujata Kundan **(Participation):** As delegate in the National Virtual Conference on **"Bio Medical Applications of Nanotechnology"** on **7th May, 2022**, organized by faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India.
13. Sujata Kundan **(Participation):** As delegate in the National Virtual Conference on **"Smart Nanomaterials-2021"** on **16th Oct 2021,** organized by faculty of Allied Health Sciences, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India.
14. Sujata Kundan **(Participation):** In the Virtual **"International Conference On Recent Trends In Green Chemistry (ICRTGC-2021)"** on **28th-30th Sept.2021,** organized jointly by the Department Of Chemistry, Akal University and Indian Chemical Society, Kolkata.
15. Sujata Kundan **(Participation): One-day Online Workshop on "Information and Communication Technology in Higher Education" 20th, August 2021,** organized by Uttar Pradesh Institute of Design, Noida (A constituent institute of Dr.A.P.J. Abdul Kalam Technical University, Lucknow), India.
16. Sujata Kundan **(Participation): One Day Online Webinar** on **"Emerging Trends in Organic Synthesis (ETOS-2021)"-19th March, 2021** Organized by Department of Chemistry and Chemical Sciences, Central University of Jammu in collaboration with Department of Chemistry, IIT Jammu.
17. Sujata Kundan **(Participation): One Day Online National Webinar** on **"Recent Technology in Nanotechnology for Sustainable Developments"-24th Feb, 2021** Organized by Department of Physics, Govt. Post Graduate College Morena, MP.
18. Sujata Kundan **(Participation): One Day Online Workshop** on **"ICT Tools For Chemistry Teachers"-22nd Feb, 2021** Organized by Guru Angad Dev Teaching Learning Centre, SGTB Khalsa College, University of Delhi under the Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNMTT) of Ministry of Education (This is equivalent to a regular National Workshop).
19. Sujata Kundan **(Participation): Seven Days Online Workshop** on **"ICT TOOLS IN EDUCATION"-1st to 7th Feb, 2021** Organized by School of Education (PMMMNMTT), Central University of Jammu, Jammu, J&K.
20. Participated in **Virtual Celebration of INTERNATIONAL DAY FOR THE PREVENTION OF OZONE LAYER-16th Sep, 2020** organised by SCIROX- GNDU, Amritsar, India.
21. Participated in **National Webinar on CHEMISTRY TOWARDS A SUSTAINABLE FUTURE-24th Aug, 2020** organised by Department of Chemistry, Govt. College of Engineering & Technology, Jammu.
22. Participated in **Two Day International Webinar on Climate Change and Sustainable Agriculture-12th-13th June, 2020**, organized by Department of Botany, Central University of Jammu, Jammu.
23. Participated in **One Day Webinar on "NMR Spectroscopy in CSIR/GATE Perspective"-12th June, 2020**, organized by PG and Research Department of Chemistry, Vivekananda College, Tiruvedakam West, Madurai-34, India.
24. Participated in **One Day Webinar on "Fundamentals of Effective Scientific Writing: Manuscripts and**

Grants"- 9th June, 2020, organized by American Chemical Society (Chemistry for Life).

25. Participated in **One Day National Webinar on "Acharya Abhinav Gupta Jayanti"- 2nd June, 2020**, organized by Centre for Comparative Religions and Civilizations, Central University of Jammu, Jammu.
26. Participated in **One Day Webinar on "Urban Farming"-1st June, 2020**, organized by Department of Botany, Career College, Bhopal, India.
27. Participated in **One Day Webinar on "Plan Your Research Effectively Using Scopus & Science Direct from Elsevier"- 29th May, 2020**, organized by University of Jammu in collaboration with ELSEVIER.
28. Participated in **Two Days International Webinar on COVID-19 and Emotional Wellness- 15th-16th May, 2020**, organized by School of Education, Central University of Jammu under the scheme of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching (PMMMNMTT), Ministry of Human Resource and Development, Government of India.
29. **Presented Poster** title **"Biomass Via Biomass for Sustainable Life"** in the **international e-Poster Conference on Current Outlook in Material Science and Engineering (COMSE-2k20)-15th-16th May, 2020**, organized by Bodoland University in Association with Tripura University, ADP College, Nagaon & MIT Aurangabad, India on Facebook.
30. Sujata Kundan ***(Participation):*** **One Day Online Workshop** on **"APPLICATIONS OF ACTION RESEARCH AND PROFESSIONAL DEVELOPMENT: CONTEXTS AND PRACTICES"-2nd May, 2020**, Organized by School of Education (PMMMNMTT), Central University of Jammu, Jammu, J&K.
31. **Participated in IIC Online sessions-28th April to 22nd May, 2020** organized by Institution's Innovation Council (IIC) of MHRD's Innovation Cell, New Delhi.

Courses Attended:

1. **Name of the Course:** SWAYAM (Online Refresher Course in Chemistry) for Higher Education Faculty
   Organizing Agency: National Resource Centre of Chemistry (NRCC) of MHRD, Govt. of India, India. (ONLINE) Guru Angad Dev Teaching Learning Centre (GAD-TLC) (A Centre of MHRD Under PMMMNMTT), SGTB Khalsa College, University of Delhi, Delhi.
   Place: Online
   Date of Commencing/Closing Duration: 1st Nov, 2018 to 27th Feb, 2019 (119 Days (4 months))

2. **Name of the Course:** Refresher Course
   Organizing Agency: University Business Incubation Centre in Collaboration with Faculty Induction Development Cell (FIDC) (UGC-HRDC), Central University of Jammu, Jammu.
   Place: Jammu
   Date of Commencing/Closing Duration: 20th May, 2019 to 10th June, 2019 (22 Days)
3. **Name of the Course:** General Orientation Course
   Organizing Agency: UGC Academic Staff College, University of Jammu, Jammu.
   Place: Jammu
   Date of Commencing/Closing Duration: 04th July, 2012 to 31st July, 2012 (28 Days)

4. **Name of the Course:** General Orientation Course
   Organizing Agency: Faculty Induction Development Cell (FIDC) (UGC-HRDC), Central University of Jammu, Jammu.
   Place: Jammu
   Date of Commencing/Closing Duration: 25th May, 2018 to 25th June, 2018 (32 Days)

5. **Name of the Course:** Refresher Course
   Organizing Agency: UGC Academic Staff College, University of Jammu, Jammu.

Place: Jammu
Date of Commencing/Closing Duration: 4th Feb, 2013 to 23rd Feb, 2013 (20 Days)

Faculty Development Programmes (FDP)

1. **Sujata Kundan (Attended):** 07 (Seven Days) Week National Online 7th Faculty Development Program (FDP) on **"Computational Chemistry of Materials: Molecule, Solids, Nanoparticles and Biological Activity (CCM-2022)"** organized by Centre of Advanced Computational Chemistry Studies, Delhi, India from 5th October 2022 to 11th October, 2022.
2. **Sujata Kundan (Attended):** Two Weeks (Fourteen Days) National Online Faculty Development Program on **"Current Trends and Innovations in Biological Sciences"** organized by Faculty of Allied Health Sciences in association in with Chettinad Institution's Innovation Council, Chettinad Academy of Research and Education, Kelambakkam, Tamil Nadu, India from 22nd August, 2022 to 7th September, 2022.
3. **Sujata Kundan (Attended):** Six Days' Faculty Development Programme on **"Advanced Characterization Techniques (ACT-2022)"** organized by Department of Chemistry, University Institute of Sciences, Chandigarh University, Mohali, Punjab from 25th July, 2022 to 30th July, 2022.
4. **Sujata Kundan (Attended):** Five Days' Faculty Development Programme on "Chemical Sciences-Recent trends and applications" organized by Department of Chemistry, University Institute of Science, Chandigarh University, Mohali, Punjab from 6th June, 2022 to 10th June, 2022.
5. **Faculty Development Programme (FDP) (Attended):** Five Days Online Elementary FDP on AICTE Training and Learning (ATAL) Academy Online Elementary FDP on "Artificial Intelligence/Artificial Wisdom - A Drive for Improving Behavioral and Mental Health Care" organized by All India Council for Technical Education**,** Nelson Mandela Marg, Vasant Kunj, New Delhi – 110 070 organized by Central University of Jammu w.e.f 6th September, 2021 to 10th September, 2021
6. **Sujata Kundan (Attended):** the Seven Days' Faculty Development Programme on "**ICT Tools in Education"** organized by **Centre for Teacher Resource and Academic Support**, School of Education, Central University of Jammu under the aegis of Pandit Madan Mohan Malviya National Mission on Teachers and Teaching from 1st February, 2021 to 7th February, 2021.

Research Projects (Major Grants/Research Collaboration):

1) **Funding Agency:** DST-FIST (As Team Member)
Date of Submission: 4-04-2023
Total cost: 2.43 Cr
Funded By: Department of Science and Technology, Government of India.
Status: Ongoing (Year: 2023-2026)

2) **Title:** "Drone technology based real time air pollution online monitoring at dumping sites in Jammu Region-adsorption & Sensors application using innovative biomaterials." (As Team Member)
Duration: 3 Years
Total cost: 6.5 Cr
Funded By: PURSE-2023 (Promotion of University Research and Scientific Excellence)
Status: Ongoing (Year: 2023-2026)

3) **Title:** "Exploring the Stereochemistry of A_4- and A_3B-type Porphyrin Complexes containing Auxiliary Ligands"
Duration: 2 Years (Project No.: JKST&IC/J/14/2022/432-36)

Total cost: 7.50 Lacs
Principal Investigator: Dr. Sujata Kundan
Funded By: Government of Jammu and Kashmir, JK Science Technology & Innovation Council (Department of Science and Technology)
Status: Ongoing (Year: 2024-2026)

4) **Title:** "Synthesis, Spectroscopic and Biological evaluation of Asymmetrical Cr(III)-5-*meso*-(*p*-substituted phenyl)-10,15,20-triphenylporphyrin"
Duration: 2 years
Total cost: 2 Lakhs (Project No.: CUJ/Acad/P/CHESK/2017/160)
Principal Investigator: Dr. Sujata Kundan
Funded By: Central University of Jammu
Status: Completed **(Year: 2017-2019)**

Awards and Distinctions:

- **Certification of Appreciation** to act as Event Judge on National Science Day at Central University of Jammu, Jammu on 28th Feb, 2018.
- **Award of Appreciation** for being selected as Assistant Professor in the Department of Chemistry and Chemical Sciences at Central University of Jammu, Jammu on 18th Feb, 2017 Presented by Department of Student Welfare, University of Jammu, Jammu.
- **Certificate of Appreciation** for organizing National Science Day theme "Science and Technology for especially abled persons" in Central University of Jammu, Jammu on 28th Feb, 2017.
- **Awarded Rajiv Gandhi National Fellowship** to pursue M.Phil./Ph.D. Degree by University Grants Commission (UGC)(2008).
- **Awarded 3rd Position** in B.Sc. Part – 3rd in 2002 at Women Govt. Degree College, Parade, University of Jammu.
- **Awarded Ist Position** in B.Sc Part – Ist in 2000 at Women Govt. Degree College, Parade, University of Jammu.

Association with Professional Bodies:

1. **Appointment of Observer** for Central Teacher Eligibility Test (CTET) to be held on **8th Feb, 2026**.
2. Invite to visit IIT Jammu on **6th March 2026** to interact with the students of IIT, Jammu and to initiate a fruitful collaboration between IIT Jammu and Central University of Jammu.
3. **Appointment of Observer** for Central Teacher Eligibility Test (CTET) to be held on **7th July, 2024**.
4. **As a reviewer** in the Journal of Environmental Sustainability (ENVS): **27th May, 2024**.
5. **Appointment of Observer** for Central Teacher Eligibility Test (CTET) to be held on **21st January, 2024**.
6. **Appointment of Observer** for Central Teacher Eligibility Test (CTET) to be held on **20th August, 2023**.
7. Appointed and worked as a **member of All India Council of Technical Education (AICTE)/Prime Minister Special Scholarship Scheme (PMSSS)** Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (2014 to 1st Sep, 2016).

Other Activities:

S.No.	Administrative Responsibilities	Date/ Duration	Year	
1.	Departmental Confirmation Committee for Group A Non- Teaching posts	11th June, 2025	Till Date	
2.	Departmental Confirmation Committee for Group B Non- Teaching posts	11th June, 2025	Till Date	
3.	Departmental Confirmation Committee for Group C Non- Teaching posts	11th June, 2025	Till Date	
4.	Nominated to act as women nominee in the Selection Committee for interviews of the Ph.D. Admissions for the session Jan 2025	9th April, 2025 and 11Th April, 2025	Two-Days, 2025	
5.	As a Member of the Committees for the smooth conduct of inauguration of "Himalayan High Altitude Atmospheric and Climate Research Centre	8th April, 2025	One-Day, 2025	
6.	As a Head, for the Ph.D. Admissions, to conduct interview for the Ph.D. Admission	8th April, 2025	One-Day, 2025	
7.	As a Member of Registration Committee, Committee for smooth conduction of TIFAC workshop-2025	25th and 26th March, 2025	Two-Days, 2025	
8.	As Member (SC/ST/Women Representative) Selection Committee meeting of teaching positions in the different Departments of Central University of Jammu	6th – 8th March, 2025	Three Days, 2025	
9.	As Member (SC/ST/Women Representative) Selection Committee meeting of teaching positions in the Department of Mass Communication and New Media, Mathematics, Physics and Astronomical Sciences and Zoology, CUJ.	20th December, 2024	One-day. 2024	
10.	Departmental Confirmation Committee for Group C Non-Teaching posts	18th December, 2024	2024 to Till Date	
11.	As a Member of the Technical Committee for the Department of Chemistry and Chemical Sciences, CUJ.	15th October, 2024	2024 to Till Date	
12.	As a Member of the Committee to organize events under 'Swachhata Hi Sewa 2024' campaign	23rd September, 2024	One-Month, 2024	
13.	As a Member of the Committee to review / evaluate the performance of faculty, regarding their confirmation	20th September, 2024	One-Day, 2024	
14.	As a Convener of the Orientation Programme in the Department of Chemistry and Chemical Sciences, CUJ	2nd September, 2024	One-day. 2024	

15.	As a NSS Coordinator, to celebrate the "Har Ghar Tiranga" under the aegis of Azadi Ka Amrit Mahotsav-2024	13th - 15th, August, 2024.	Three-days, 2024	
16.	As a Member of the Committee for Evaluation and Verification of Supernumerary Seats and Spot Counselling Session for the admission, 2024	8th August, 2024	One-day. 2024	
17.	As Member of Monthly Research Meeting, DRC and RAC Co-ordinator, Department of Chemistry and Chemical Sciences, CUJ.	12th July, 2024 to 21st March, 2025	One-Year, 2024-2025	
18.	As a Member of the Selection Committee meetings of non-teaching positions for the post of Registrar, Controller of Examinations and Finance Officer	26th, 27th and 28th June, 2024	Three-Days, 2024	
19.	As a Member of Screening Committee under MACPS, CUJ.	15th April, 2024 To till Date	2024-till Date	
20.	As a Female Representative in the Pre (Initial) Screening Committee for scrutiny of employment application forms, CUJ.	13th March, 2024 To till Date	2024-till Date	
21.	NSS Programme Coordinator	September, 2023 To till Date	2023-Till Date	
22.	As a Member of the Technical Committee for the Department of Chemistry and Chemical Sciences, CUJ	1st March, 2023	2023 – Till Date	
23.	As a SC/ST Representative during the Interview for Teaching Positions in the Centre for Molecular Biology, Department of Botany and Department of Chemistry and Chemical Sciences, Department of Economics, CUJ	10th – 13th January, 2023	2023 (04 Days)	
24.	As a SC/ST/Women Representative during the Interview for Teaching Positions in the Department of Educational Studies, Centre for Comparative Religions and Civilizations, Department of English, Department of Hindi & Other Indian Languages and Department of Mass Communication and New Media, CUJ	15th – 17th February, 2023	2023 (03 Days)	
25.	As a SC/ST/Women Representative during the Interview for Teaching Positions in the Department of Public Policy and Public Administration, Department of Chemistry and Chemical Sciences and Department of Economics, CUJ	21st– 22nd February, 2023	2023 (03 Days)	
26.	As a SC/ST/Women Representative during the Interview for Teaching Positions in the Department of Computer Sciences and Information Technology, Department of National Security (NSS) and Department of Social Work,	27th – 28th February, 2023	2023 (02 Days)	

	CUJ			
27.	As a Member of Committee on Thursday Mind Meet, CUJ	16th February, 2023	2023 - Till Date	
28.	As a Member of Board of Studies (BOS) of Department of Physics and Astronomical Sciences, CUJ	16th March, 2023	2023 – Till Date	
29.	As a Member of Board of Studies (BOS) of Department of Chemistry and Chemical Sciences, CUJ	30th May, 2023	2023 – Till Date	
30.	As a Member of Committee on Swachhta Pakhwada-2023, CUJ	26th September, 2023	26th September, 2023 To 31st October, 2023	
31.	As a Member of Fine Arts during the Mega Event UDAAN-2023, CUJ	26th – 28th April, 2023	2023 (03 Days)	
32.	As a Member of the Screening Committee for the Non-Teaching Posts, CUJ	8th May, 2023	2023 (01 Day)	
33.	As a member to Collaborate with NHRC for Training Program on Human Rights, CUJ	30th May, 2023	2023 – Till Date	
34.	As a Member of Departmental Promotion Committee (DPC) for Non-Teaching Group C Post of Lower Division Clerk (LDC), CUJ	17th May, 2023	2023 (01 Day)	
35.	As a Member of Departmental Promotion Committee (DPC) for Non-Teaching Group C Post of Technical Assistant (laboratory), CUJ	17th May, 2023	2023 (01 Day)	
36.	As a Member of Board of Studies (BOS) of Department of Chemistry and Chemical Sciences, CUJ	30th May, 2023	2023 – Till Date	
37.	AS a Member for attending the Presentation Meeting of DST PURSE-2023, Gauhati University, Assam, India	14th – 16th July, 2023	2023 (03 Days)	
38.	As a SC/ST/Women Representative during the Interview for Teaching Positions in the Department of English, Department of Botany, Department of NSS, Department of Mass Communication and New Media, CUJ	30th June, 2023	2023 (01 Day)	
39.	As an SC/ST/Women Representative during the Interview for Teaching Positions in the Department of Human Resource Management & OB, Department of Marketing & Supply Chain Management, CUJ	4th July, 2023	2023 (01 Day)	
40.	As an SC/ST/Women Representative during the Interview for Teaching Positions in the Department of Economics and Educational Studies, CUJ	13th July, 2023; 16th July, 2023	2023 (02 Days)	
41.	As an SC/ST/Women Representative during the Interview for Teaching Positions in the	17th July, 2023; 18th July, 2023;	2023 (03 Days)	

	Department of Public Policy and Public Administration, Department of Hindi & Other Indian Languages, Centre of Comparative, Religion and Civilizations Department of Social Work, Department of Zoology and Department of Physics and Astronomical Sciences, CUJ	19th July, 2023		
42.	As an External Member for End-Semester Practical Examination Sem-I, Department of Chemistry and Chemical Sciences, CUJ	23rd February, 2023	2023 (01 Day)	
43.	Dy. Superintendent (EoSE) for the Semester-III, V, VII and IX, Department of Chemistry and Chemical Sciences, CUJ	December, 2022 – January, 2023	2022-2023	
44.	Dy. Superintendent (Mid-Semester Examination) for the Semester-IV, VI, VIII and X, Department of Chemistry and Chemical Sciences, CUJ	March, 2023	2023	
45.	Dy. Superintendent (EoSE) for the Semester-IV, VI, VIII and X, Department of Chemistry and Chemical Sciences, CUJ	May, 2023	2023	
46.	Dy. Superintendent (EoSE) for the Semester-I, Department of Chemistry and Chemical Sciences, CUJ	Feb-March, 2023	2023	
47.	Dy. Superintendent (Mid-Semester Examination) for the Semester-II, Department of Chemistry and Chemical Sciences, CUJ	May, 2023	2023	
48.	Dy. Superintendent (EoSE) for the Semester-II, Department of Chemistry and Chemical Sciences, CUJ	July, 2023	2023	
49.	As a Member of Debating/Book Reading Club, CUJ	9th October, 2023 To till date	2023 -Till Date	
50.	As a Member of Technical Committee in National Conference, Sustainable Environmental: Water-Health-Agriculture-Climate Nexus (SEWHACN-2022), CUJ	15th-16th September, 2022	2022 (02 Days)	
51.	As a Member in the Committee for Conducting of Different Counselling Sessions, CUJ	23rd September, 2022	2022 (01 Day)	
52.	As a SC/ST Representative during the Interview for Empanelment of Guest Faculty in Various Department, CUJ	16th August, 2022; 17th August, 2022; 18th August, 2022; 23rd August, 2022; 24th August, 2022	2022 (05 Days)	
53.	As a member of Transport and Accommodation Committee, "SANGAM-The Alumni Meet-2022", CUJ	28th August, 2022	2022 (01 Day)	
54.	As a Member for conducting the Entrance Test for Free Coaching for Civil Service Examination	8th August, 2022	2022 (01 Day)	

	(UPSC) under Dr. Ambedkar Centre Excellence (DACE), CUJ			
55.	As Member in Selection Committee of Training & Placement Officer (TPO), CUJ	27th July, 2022	2022 (01 Day)	
56.	As Member for admission to DACE coaching programme, CUJ	4th July, 2022	2022 – Till Date	
57.	As a member of Programme, Policy Development, CUJ	7th June, 2022 To till Date	2022 – Till Date	
58.	As Member (SC Representative) of the Advisory Board of Dr. Ambedkar Centre of Excellence (DACE), CUJ	8th June, 2022 To till Date	2022 – Till Date	
59.	As Member in the Publicity Cell for Central Universities Entrance Test (CUET-2022) for publicity & awareness of Programmes, CUJ	5th April, 2022 To till Date	2022 – Till Date	
60.	As Co-convenor of Fine Arts Society, CUJ	6th April, 2022 To till Date	2022 – Till Date	
61.	Liaison Officer of SC/ST/PwD Cell, CUJ	30th March, 2022 To till Date	2022 – Till Date	
62.	Coordinator-cum-Mentor, 'Standards Clubs' by Bureau of India Standard, CUJ	10th Feb, 2022 To till Date	2022 – Till Date	
63.	Chemical Purchase Coordinator, Department of Chemistry and Chemical Sciences, CUJ	10th Feb, 2022 To September 2023	1 Year and 7 Months	
64.	Examination Coordinator, Department of Chemistry and Chemical Sciences, CUJ	31st Jan, 2022 To September 2023	1 Year and 8 Months	
65.	Member, "Governing Employee and Students Grievances Redressal Committees", CUJ	6th Sept., 2021 To till Date	2021- Till Date	
66.	Academic Support Programme	28th Sept. 2020 To till Date	2020-Till Date	
67.	Member, "Equal Opportunity Cell", CUJ	18th August, 2021 To till Date	2021- Till Date	
68.	Dy. Superintendent (EoSE) for the Semester-IV, VI, VIII and X	27th June, 2022 To till Date	2022 – Till Date	
69.	Dy. Superintendent (EoSE) for the Semester-II	26th June, 2022 To till Date	2022 – Till Date	
70.	NSS Programme Officer-III	17th May, 2019 To till Date	2019-Till Date	
71.	Member, Task Group for "Effective Teaching-Learning and Evaluation", CUJ	10th May, 2021 To till Date	2021-Till Date	
72.	Student Induction Programmer (SIP)	12th April, 2019 To till Date	2019 – Till Date	
73.	Library Co-ordinator, Department of Chemistry and Chemical Sciences, CUJ	July, 2017 To till Date	2017-Till Date	

Other Related Administrative Responsibilities (AS External Expert):

1. **Act as External Examiner** to conduct the Practical Examination of Chemistry for students of PG General Sem 2nd (2026-2027) on 6th **May, 2026** at Cluster University of Jammu, Jammu.
2. Acted as **Paper-Setter/Examiner** in the subject of Chemistry, **PG Chemistry 3rd Semester Examination (June and December 2026)** for Sardar Patel University, Mandi, HP, India.
3. **Act as External Examiner** to conduct the Practical Examination of Chemistry for students of PG General Sem 3rd / PG Integrated Sem 9th (2025-2026) on 4th **Nov., 2025 to 5th Nov., 2025** at Cluster University of Jammu, Jammu.
4. **Appointed as external examiner** for evaluation of M.Sc. Dissertations and viva-voce examinations of 4th Semester of M.Sc. Chemistry (Project in Inorganic Chemistry) held on **10th of June 2025**, PG Department of Chemistry, University of Jammu, Jammu.
5. **Appointed as external expert** in the committee for upgradation of Ms. Nidhi Bhagat from JRF to SRF held on **10th of June 2025**, PG Department of Chemistry, University of Jammu, Jammu.
6. **Act as External Examiner** to conduct the Practical Examination of Chemistry for students of PG General Sem 3rd / PG Integrated Sem 9th (2023-2024) w.e.f **29th May, 2024 to 31st May, 2024 and 3rd June, 2024** at Cluster University of Jammu, Jammu.
7. **Act as External Examiner** to conduct the Power Point Presentation/Viva-Voca of Research Project Course of Semester-**10th on 6th February, 2024** in Cluster University of Jammu, Jammu.
8. **Act as External Examiner** to conduct the Power Point Presentation/Viva-voca for Research Project Course of Semester-X in Chemistry on **6th Feb, 2024** at Cluster University of Jammu, Jammu.
9. Acted as **External Practical Examiner** of B.Sc. Sem-I in Chemistry at Govt. Post Graduate Degree College for Women, Gandhi Nagar (University of Jammu Campus) Jammu (Jammu and Kashmir on **19th – 10th of May, 2022**.
10. Acted as **Coach for Table Tennis (Women), 5th Jan, 2021-7th Jan, 2021** at Chitkara University, Solan, Himachal Pradesh, India.
11. Acted as **Invigilator for Ph.D Entrance Test-2021, 19th Dec. 2021** at Central University of Jammu, Jammu.
12. Acted as **External Practical Examiner** of M.Sc. Sem-III and Sem-IV in Chemistry at Post Graduate Government Degree College, Bhadarwah, (University of Jammu Campus) Jammu (Jammu and Kashmir) for Cluster University of Jammu on 17th-18th of Sep, 2021.
13. Acted as **External Practical Examiner** of M.Sc. Sem-III and Sem-IV in Chemistry at Post Graduate Government Degree College, Bhadarwah, (University of Jammu Campus) Jammu (Jammu and Kashmir) for Cluster University of Jammu on 22nd-23rd of Dec, 2020.
14. Acted as **External Practical Examiner** of B.Sc. Sem-VI in Chemistry at M.A.M College, Jammu (Jammu and Kashmir) for Cluster University of Jammu on 30nd of April, 2019 to 01st of May, 2019.
15. Acted as **Evaluator** in the subject of Chemistry of the B.Sc.-IV Semester Examination 2019 for Government Parade Women College, (Jammu and Kashmir), 2019.
16. Acted as **Paper-Setter/Examiner** in the subject of Chemistry, Semester – IV (CBCS)- B.Sc. Honours Cluster University of Jammu, Jammu (Jammu and Kashmir), 2019.
17. Acted as **Paper-Setter/Examiner** in the subject of Chemistry of the B.Sc.-IV Semester Examination 2019 for University of Jammu, Jammu (Jammu and Kashmir), 2019.
18. Acted as **Paper-Setter/Examiner** in the subject of Chemistry of the B.Sc.-IV Semester Examination 2018 for University of Jammu, Jammu (Jammu and Kashmir), 2018.
19. Acted as **External Practical Examiner** of B.Sc. Semester-VI in Chemistry at G.G.M. Science College, Jammu (Jammu and Kashmir) on 22nd of May, 2017 to 24th of May, 2018.
20. Acted as **External Practical Examiner** of B.Sc. Sem-VI in Chemistry at GDC Akhnoor on 19th and 20th, April, 2017.

21. Appointed and worked as an ANO **of NCC** (2 J&K Girls Bn) at Government Gandhi Memorial (G.G.M) Science College, Jammu (22nd Jan, 2016 to 1st Sep, 2016).
22. Appointed and worked as a **member of Centre for Information, Career Counselling and Placement (CICCP)** Committee at Government Gandhi Memorial (G.G.M) Science College, Jammu (2014 to 1st Sep, 2016).
23. Acted as **External Practical Examiner** of different Semester of B.Sc. in Chemistry at MAM College, Jammu, Jammu and Kashmir, 2015 and 2016.
24. Acted as **External Practical Examiner** of B.Sc. Part-Ist, Part-IInd and Part-IIIrd in Chemistry at Government Degree College, Basholi, Jammu, Jammu and Kashmir during 2011 and 2012.
25. Appointed as a **member of Board of Studies** (2011) in one day meeting for the courses which are regularly updated and revised in consultation with the Convener, Board of studies in chemistry to keep the syllabi at par with other reputed Universities.

Dr. Sujata Kundan
Associate Professor and Head
Department of Chemistry and Chemical Sciences

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