

Curriculum Vitae

1. Name : Dr. B. SIREESHA

2. Designation: Professor

3. Department : Dept. of Chemistry
University College of Science
Osmania University

4. Date of appointment: 14-05-2007

5. Address Department of Chemistry
University College of Science, Osmania University
Taranaka, Hyderabad
Telangana – 500 007

c) Email ID: berleysiree@gmail.com;
berleysiree@osmania.ac.in

6. Date of Birth : 18-04-1970

7. Qualifications : MSc Chemistry (Inorganic Chemistry) 1992
PhD Chemistry 1997

CSIR-UGC NET : LECTURESHIP-NET in CHEMICAL SCIENCES June 2002

8. Teaching Experience: 30 years

UG-Level – 30 years PG-Level – 27 years

1994 –1998: OU Part-time Lecturer

1998 – May 2007: Lecturer

From May 2007: Assistant Professor

May 2019: Associate Professor

May 2022: Professor

a) Topics Taught

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|---|--|
| i) Atomic Spectroscopy | xi) Electron and metal ion transport systems |
| ii) IR & Raman Spectroscopy | xii) Ligational aspects of CO, NO & N ₂ |
| iii) Electronic Spectroscopy | xiii) Symmetry & Group Theory |
| iv) Photoelectron spectroscopy | xiv) Clusters |
| v) Electron spin resonance spectroscopy | xv) Potentiometry |
| vi) Titrimetry & Gravimetry | xvi) Laboratory Management |
| vii) Thermal Methods | xvii) X-ray methods |
| viii) Coordination Chemistry | xviii) ¹ H and multinuclear NMR |
| ix) Radio Chemical methods | xix) Multinuclear NMR of metal complexes |
| x) MossBauer and NQR Spectroscopy | xx) Clinical, Agricultural & Forensic Analysis |

b) Books Published: Co-Author for:

TS Government, Publisher: Telugu Akademi, Hyderabad, English and Telugu media Text books Written for the CBCS Syllabus.

S.No	Title of Book/Chapter	Medium	Month and Year of Publication	ISBN No.
1	BSc Sem I Chemistry Chemical bonding	English	2017	818180371-4
2	BSc Sem II Chemistry Theory of Quantitative analysis	English	2017	818180375-2
3	BSc Sem III Chemistry Symmetry of molecules	English	2017	978-81-8180-439-6
4	BSc Sem IV Chemistry Coordination Compounds	English	2017	978-81-8180-449-5
5	BSc Sem I Rasayanasastram Rasayana bandham	Telugu	2017	818180371-4
6	BSc Sem II Rasayanasastram Parimatmaka Visleshana Siddantam	Telugu	2017	818180401-5
7	BSc Sem III Rasayanasastram Anu Soutsavatha	Telugu	2018	978-81-8180-465-5
8	BSc Sem IV Rasayanasastram Samanvaya Sammelanalu	Telugu	2018	978-81-8180-466-2
9	BSc Sem II Chemistry Chemistry of d-Block elements	English	2021	978-81-8180-723-6
10	BSc Sem II Chemistry Theory of Quantitative analysis	English	2021	978-81-8180-723-6
11	BSc Sem III Chemistry Coordination compounds-I	English	2021	978-81-8180-724-3
12	BSc Sem I Chemistry Chemical bonding	English	2023	978-81-8180-722-9
13	BSc Sem VI Chemistry	English	2023	978-81-8180-761-8

c) **Teaching Tools:** Prepared 3-D Models of simple molecular structures to complex structure like C₆₀ molecule to use as teaching tools. 3-D Printed models

d) **MOOCS: Translated from English to Telugu (Regional Language); (Due for Video recording) allotted by EFL University.**

- i) 40 lessons of pharmaceutical Chemistry
- ii) 23 lessons of criminalistics (Forensic Science)

9. Other Teaching Activities:**a) Resource Person:**

- i) **Chemical Bonding** (19-06-2020), **p, d and f-block elements** (25-06-2020) and **Coordination Chemistry** (26-06-2020) in Two week Online refresher course conducted for lecturers working in TTWRDC and TSWRDC from 15th to 30th June 2020, organized by Telangana Tribal Welfare Residential Educational Institutions Society.

- ii) **Structural Aspects of metal Carbonyls, Borane, Carborane and metal halide clusters** (25-01-2022) in online refresher course in Chemical Sciences organized by the UGC–HRDC, Osmania University, Hyderabad from 20.1.2022 to 3.2.2022.
 - iii) **Spectroscopy: An Introduction - Applications in research (10-06-2022) Refresher Course for teachers working in Govt. Poly-technique Colleges**, Chemical Sciences organized by the UGC–HRDC, Osmania University, Hyderabad from 1st to 14th June 2022.
 - iv) **Titrimetry (11-12-2023- Refresher Course in Chemistry** organized by the UGC-Malaviya Teacher Training Centre (Formerly known as Human Resource Development Centre), Osmania University, Hyderabad from 06.12.2023 to 20.12.2023.
 - v) **AAS- Theory and practicals (29-05-2023):** A One-Week Training Program on R&D Equipment on the theme “Hands on Training program on the applications of Advanced Research techniques by using sophisticated instruments in life sciences” organized by National Institute of Technology Warangal (HUB) & Osmania University (SPOKE) during 25th – 31st May 2023 at Osmania University Hyderabad
- b) Guest Speaker:** Delivered Guest Lecture on “**Chemical Analysis of Residency Building Material**” at Two-day Work Shop on **Conservation Engineering for Traditional and Historical Buildings** (Curriculum Development) - 9th & 10th January 2006 organized by University College of Engineering, Osmania University.
- c) Guest Faculty:**
- PG College, Mirzapur, Osmania University.
 - M.Sc. Forensic Science, Osmania University.
 - M.Sc. Pharmaceutical Chemistry, OUCW, Koti, O.U.
 - PG Center, Jogipet, Osmania University.
 - P.G Diploma in Chemical Analysis & Quality Assurance, OUCW, Koti, O.U.
 - P.G Diploma in Chemical Analysis & Quality Assurance, Nizam College, O.U.
 - Food Science and Management, OUCW, Koti, O.U.
 - Arts & Science College for Women, AMS, Hyderabad.
 - Keshav memorial Degree and PG College, Narayanguda, Hyderabad.
 - St, Ann’s PG College, Mehidipatnam, Hyderabad.
 - Telangana Social Welfare Residential Degree College (Women)-Vikarabad (Online)
 - RBVRR Womens College, Narayanguda, Hyderabad (Online)
 - St. Pious XI Degree and PG College, Nacharam, Hyderabad.

10. Research Experience: 27 years (after award of PhD)

a) Field of Research: Coordination Chemistry

Title of PhD Thesis: “Interaction of some metal ions with acyl and aroyl thiosemicarbazides and 2-hydroxyphenyl thiosemicarbazone in solution: Synthesis and characterization of their solid complexes”

b) Research Papers**Published – 49****Presented – 42****i) List of papers published**

1. Biological and equilibrium studies of Co(II), Cu(II), Zn(II), and Cd(II) complexes of 1-formyl-3-semicarbazide: Docking studies **Anjum Fatima, P. Nirmala Jyothi and B. Sireesha**, *Applied Organometallic Chemistry*, 38(7), 2024, 1-16, DOI: <http://doi.org/10.1002/aoc.7529> ISSN 0268-2605 , 1099-0739 (IF 4.072)
2. Computational, Equilibrium, Structural, and Biological Study of the Novel 1-Formyl-4-phenyl-3-semicarbazide and Its Complexes **A. Fatima , S. S. Kanth , and B. Sireesha**, *Russian Journal of General Chemistry*, Vol. 92, No. 12, 2022 pp. 2708–2722. DOI: <http://doi.org/10.1134/S1070363222120210> ISSN 1070-3632 (IF 0.779)
3. Equilibrium, DNA binding, docking, and antimicrobial studies of Ni(II) and Cu(II) chelates with 1-(4'-nitrobenzoyl)-3-thiosemicarbazide **ST Leena Carlin, S. Sreekanth, DA Padmavathi and B. Sireesha**, *Applied Organometallic Chemistry*, 36(12), 2022, 1-18, DOI: <http://doi.org/10.1002/aoc.6877> ISSN 0268-2605, 1099-0739 (IF 4.072)
4. Synthesis, spectroscopic and biological activity evaluation of Ni(II), Cu(II) and Zn(II) complexes of schiff base derived from pyridoxal and 4- fluorobenzohydrazide **R. Kavitha, Ch. Venkata Ramana Reddy & B. Sireesha** *Nucleosides, Nucleotides & Nucleic Acids* Volume 40(8), 2021, 845-866. ISSN 1525-7770 p 1532-2335 web (IF 1.499)
5. Synthesis, Characterization, DNA Binding, Cleavage, Antibacterial, In vitro Anticancer and Molecular Docking Studies of Ni(II), Cu(II) and Zn(II) Complexes of 3,4,5-TrimethoxyN-(3-Hydroxy-5-(Hydroxymethyl)-2-Methylpyridin-4-yl)methylene)Benzohydrazide **Kavitha Ramdas, Ch. Venkata Ramana Reddy and B. Sireesha** *Arabian Journal for Science and Engineering* 2021 47, 407–418 (2022) <https://doi.org/10.1007/s13369-021-05562-2> ISSN 2191-4281 (IF 2.334) Scopus
6. Synthesis, Spectroscopic, Antibacterial, Antioxidant, DNA Binding and Cleavage, Molecular Docking Studies of Ni(II) and Cu(II) Complexes of S and N Donor Schiff Base Ligands **Mydhili S.P., Venkata Ramana Reddy Ch, Sireesha B. and Sreekanth S.** *Research Journal of Chemistry and Environment*. Vol. 25 (11) November (2021) 143-152 ISSN 9720626 (IF 0.132)
7. Synthesis, characterization and biological activity of mixed ligand chelates of Ni(II) with pyridoxalthiosemicarbazone and dipeptides **A Saritha, Ch Venkata Ramana Reddy, B Sireesha** *Vietnam J. Chem.*, 2021, 59(1), 57-68 DOI: <http://doi.org/10.1002/vjch.202000100> ISSN 2572-8288 (IF 0.436) Scopus
8. Ni(II) and Hg(II) complexes of 1-formyl-3-semicarbazide: DFT, Equilibrium, DNA Binding and Antimicrobial studies **Anjum Fatima and B.Sireesha** *Journal of Critical Reviews*,

7(10), 6596-6613, (2020) <http://doi:10.31838/jcr.07.10.586> ISSN: 2394-5125 (IF 0.6) Scopus

9. Equilibrium, DNA Cleavage and Antimicrobial Studies of Cu(II) and Zn(II) Complexes with Novel 1-Propionyl-4-methyl-3-thiosemicarbazide **P. Nirmala Jyothi and B. Sireesha** *Asian Journal of Chemistry*; Vol. 32, No. 1 (2020), 142-146 ISSN 9707077 (IF 0.54) Scopus
10. Equilibrium and antibacterial studies of VO(II) and Zn(II) complexes with 1-propionyl-3-thiosemicarbazide **P. Nirmala Jyothi and B. Sireesha**, *Rasayan J. Chem.*, 12(3), 1530-1539 (2019) <http://dx.doi.org/10.31788/RJC.2019.1235182> ISSN 0974-1496 (IF 1.23) Scopus
11. Ni(II) and Hg(II) complexes of 1-formyl-3-semicarbazide: DFT, Equilibrium, DNA Binding and Antimicrobial studies; DNA cleavage studies of Zn(II) complex with 1-acetyl-4-phenyl-3-thiosemicarbazide **P. Nirmala Jyothi and B. Sireesha** *Journal of Applicable Chemistry* 2019, 8 (3): 925-932 ISSN: 2278-1862 (IF 1.2063) Google scholar, UGC care list.
12. Biological study on 1-(4'-chlorobenzoyl)-4-methyl-3-thiosemicarbazide and its Cu(II), Ni(II) binary chelates; **Sandhepogu Thomas Leena Carlina and B. Sireesha** *Journal of Critical Reviews*, 7(9), 3429-3445, (2020) <http://doi:10.31838/jcr.07.09.524> ISSN: 2394-5125 (IF 0.6) Scopus
13. Synthesis, Antioxidant, and Antibacterial Studies of Zn(II), Cd(II), and Hg(II) Complexes with 3-Formylpyridinethiosemicarbazone and Its N4-Methyl Analogue **S. P. Mydhili, B. Sireesha, and Ch. Venkata Ramana Reddy** *Russian Journal of General Chemistry* 2019, Vol. 89, No. 5, pp. 1015–1022. ISSN 1070-3632, (IF 0.868) Scopus
14. Computational Studies of 4-Formylpyridinethiosemicarbazone and Structural and Biological Studies of Its Ni(II) and Cu(II) Complexes; **Mydhili P. Sripathi, Sireesha Berely and Chittireddy Venkata Ramana Reddy**. *Heteroatom Chemistry*, Volume 2019, Article ID 3507837, 1-10, <https://doi.org/10.1155/2019/3507837> ISSN 1098-1071 (IF 1.35) Scopus, web of science
15. Mixed ligand complexes of Cu(II) with pyridoxal thiosemicarbazone and dipeptides: Synthesis, characterization, DNA binding, cleavage, antibacterial and docking studies; **Ch. Venkata Ramana Reddy, Saritha Aduri and B. Sireesha**. *J. Indian Chem. Soc.*, Vol. 95, December 2018, 1631-1640. ISSN 0019-4522 (IF 0.284) Scopus. Web of Science.
16. Synthesis, characterization, DNA binding, cleavage and antibacterial studies of Ni(II), Cu(II) and Zn(II) complexes of 2,4-dichloro-N-((3-hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl)methylene)benzohydrazide; **Kavita R., Ch. Venkata Ramana Reddy and B. Sireesha**. *J. Indian Chem. Soc.*, Vol. 95, 1-11, May 2018. ISSN 0019-4522 (IF 0.284) Scopus. Web of Science.
17. Synthesis, Characterization, Computational, Equilibrium, DNA cleavage and Antimicrobial Studies of Cu(II) and Zn(II) Complexes with 1-Acetyl-4-methyl-3-thiosemicarbazide;

P. Nirmala Jyothi and B. Sireesha. *Journal of Chemistry and Chemical Sciences*, Vol.8(2), 335-349, February 2018. ISSN 2229-760X (IF 4.525) index-copernicus

18. Synthesis, characterization, Equilibrium Studies and Antibacterial Studies of Co(II) complex Schiff base Ligand derived from Pyridoxal and 2,4-Dichlorobenzohydrazide; **Kavitha Ramdas, B. Sireesha and Ch. Venkataramana Reddy**; *Asian Journal of Research in Chemistry*; Vol. 10(3), May-June 2017, 291-296. ISSN 0974-4169
19. Synthesis, Characterisation and Antibacterial Studies of Fe(III) Complex of 2,4-dichloro-N-(3-hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl)methylene) benzohydrazide; **Kavitha R., Ch. Venkata Ramana Reddy and B. Sireesha** *Journal of Chemistry and Chemical Sciences*, Vol.7(4), April 2017, 321-327. ISSN 2229-760X (IF 4.525) index-copernicus
20. Synthesis, Characterization, DNA Binding, DNA Cleavage and Antibacterial Activity of Ni (II) and Cu(II) Complexes of Pyridoxal semicarbazone; **Saritha Aduri, Ch. Venkataramana Reddy and B. Sireesha**; *Der Pharma Chemica*, Vol. 9(2), 2017, 90-98. ISSN 0975-413X (IF 0.187)
21. Antibacterial activity, DNA Binding and cleavage studies of Mixed ligand complexes of Copper(II) with pyridoxal semicarbazone and dipeptides; **Sarita Aduri, Ch. venkata Ramana and B. Sireesha.** *Journal of Chemistry and Chemical Sciences*; Vol.7(2), Feb, 2017 138-151. ISSN 2229-760X (IF 4.525)
22. Synthesis, characterization, and Antibacterial Studies of Cd(II) complex of 2,4-dichloro-N-((3-hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl)methylene)benzohydrazide; **Kavitha Ramdas, B. Sireesha and Ch. Venkataramana Reddy**; *Journal of Chemistry and Chemical Sciences*; Vol.7(2), February 2017, 124-130. ISSN 2229-760X (IF 4.525)
23. DNA Binding, Cleavage and Antibacterial Activity of Ni (II) and Cu(II) Complexes derived from Pyridoxal thiosemicarbazone; **Saritha Aduri, Ch. Venkataramana Reddy and B. Sireesha**; *Asian Journal of Science and Technology*; Vol. 8(1) 2017, 4125-4132. ISSN 0976-3376 (IF 0.176)
24. Formation and Stability of Co(II), Ni(II), Cu(II) and Zn(II) complexes of Pyridoxal semicarbazone and Pyridoxal thiosemicarbazone in Solution; **Saritha Aduri, Ch. Venkataramana Reddy and B. Sireesha**; *Asian Journal of Research in Chemistry*; Vol. 9(12), 2016, 626-628. ISSN 0974-4169
25. Biological activity of transition metal complexes of 4-Formylpyridine thiosemicarbazone; Equilibrium Studies: **S. P. Mydhili, B. Sireesha, Ch. Venkataramana Reddy and P. Acharya Nagarjuna**; *Asian Journal of Science and Technology*, Vol. 7(11), 2016, 3772-3776. ISSN 0976-3376 (IF 0.176)
26. Synthesis, DNA Binding, Cleavage and Antibacterial Studies of Nickel(II) and Copper (II) Complexes of 4-Formylpyridine N(4)-methylthiosemicarbazone; **S. P. Mydhili, B.**

Sireesha and Ch. Venkataramana Reddy; *Journal of Chemical and Pharmaceutical Research*, Vol. 8(10), 2016, 78-85. ISSN 0975-7384

27. Synthesis, characterization, and Biological activity of VO(II), Mn(II) and Pd(II) Complexes with 4-Formylpyridine thiosemicarbazone; **S. P. Mydhili, B. Sireesha and Ch. Venkataramana Reddy** *Journal of Chemistry and Chemical Sciences*, Vol. 6(10), 2016, 902-910.
28. Synthesis, characterization, and Antibacterial activity of Benzohydrazones derived from 3-hydroxy-5-hydroxymethyl-2-methylpyridine-4-carboxaldehyde; **Kavitha Ramdas, B. Sireesha and Ch. Venkataramana Reddy**; *Heterocyclic Letters*, Vol.6(4) 2016, 741-747.
29. Synthesis, Equilibrium Studies and Antibacterial activity of Zn(II), Cd(II) and Hg(II) complexes of 4-Formylpyridine N(4)-methylthiosemicarbazone; **S. P. Mydhili, B. Sireesha, Ch. Venkataramana Reddy and P. Acharya Nagarjuna**; *Der Pharma Chemica*, Vol. 8(16), 2016, 138-143.
30. Equilibrium Studies, DNA Binding Studies and Anti Microbial Activity of VO(II) and Zn(II) Complexes of 2-Acetyl-amino-5-methyl-1,3,4-thiadiazole; **Firasath Unnisa, B. Sireesha and P. Acharya Nagarjuna**; *Journal of Chemistry and Chemical Sciences*, Vol. 6(8), 2016, 747-761.
31. Synthesis, characterization, equilibrium studies, DNA binding and anti microbial activity of 2-Propionyl-amino-5- alkyl, 1,3,4-thiadiazoles and their complexes; **Firasath Unnisa, B. Sireesha and D. A. Padmavathi**; *Journal of Applied Chemistry*, Vol 9, Issue 7, 2016, 06-22
32. Computational Study of p-Nitrobenzaldehydethiosemicarbazone: Synthesis and Biological Activity of its CuII and HgII Complexes; **B. Sireesha, S. P. Mydhili, G. Sravan, Ch. Venkataramana Reddy**; *Journal of Applied Chemistry*, Vol 9, Issue 1, 2016, 49-57.
33. A study on structural aspects and microbial activity of (e)-4-pyridine carboxaldehyde-3-hydroxy-5-(hydroxymethyl)-2-methyl-oxime hydrochloride: An experimental and computational approach **K. Eshwari, P. Saroja, K. Sandhya, B. Sireesha, Pallepogu Raghavaiah, and Ch. Sarala Devi**; *Int. J Pharm Pharm. Sci.*, Vol 6, Issue 1, 2014, 167-173.
34. Spectral and X-ray Diffraction Studies of N-(2-Nitrophenyl)-5-Phenyl-1,3,4-Oxadiazole-2-Amine; **AV Aparna, Ch. SaralaDevi, A. Padmaja, B. Sireesha and P. Raghavaiah**; *J. Chem. Crystallogr.*, DOI 10.1007/s10870-010-9836-1, Published online:18 August 2010.
35. Spectral and single crystal X-ray structure of 4-(4'-methyl) benzylidene amino-5-phenyl-3-mercapto-1,2,4-triazole; its antimicrobial activity; **Aliya Begum, A.V. Aparna, B. Sireesha, Ch. Sarala Devi & Pallepogu Raghavaiah**; *Indian Journal of Chemistry*, Vol. 48B(11), 2009, 1565-1570.

36. Spectral and Equilibrium Studies on some new derivatives of 4-Amino-5-phenyl-3-mercapto-1,2,4-triazole. **Aliya Begum, B. Sireesha, Ch. Venkata Ramana Reddy and Ch. Sarala Devi.** *J. Indian Chem. Soc.*, Vol. 85, 2008, 930-935.
37. A Study on types of Hydrogen Bonding in Crystal Structure of 1-Acetyl-3-Thiosemicarbazide. **B. Sireesha, Krishna Rao, Ch. Sarala Devi and P. Raghavaiah.** *Indian Journal of Chemistry*, Vol. 47B, 2008, 592-596.
38. Equilibrium studies on the formation constants of 1-aryl-4-(2-nitro phenyl)-3-thiosemicarbazides with some metal ions and characterization of their Cu(II) complexes; **B. Sireesha C. Sita, G. Bhargavi and Ch. Sarala Devi,** *Bulletin of Pure and Applied Sciences* Vol. 25C. (No.1) 2006, 1-6.
39. Complexes of Iron, Cobalt, Nickel and Copper (II) with Benzothiazole-2-oyl- (2'-Hydroxy) Phenyl Hydrazone. **G.Srinivas Reddy, K. Laxmi, B. Sireesha and Ch. Sarala Devi,** *Journal of Teaching and Research in Chemistry.* 2006, Vol. 13 (1) 47.
40. Interaction of 2-(2' hydroxyl)phenyl benzathiazoline with some metal ions; determination of its dissociation constants in aquo-organic media. **K. Laxmi, G. Bhargavi, B. Sireesha and Ch. Sarala Devi,** *Bulletin of Chem. Soc. Ethiopia*, 20(1), 1-6, 2006.
41. Synthesis and characterization of some metal complexes of benzothiazole 2-carboxy hydrazide; and equilibrium studies in ethanol-water medium **G. Srinivas reddy, B. Sireesha, K. Laxmi and Ch. Sarala Devi.** *Bulletin of Pure and Applied Sciences.* Vol. 24C. June 2005.
42. A study on Formation Constants of Binary and Ternary Chelates of Indole -2, 3-dione-3-oxime **K. Laxmi, G. Bhargavi, B. Sireesha and Ch. Sarala Devi,** *Journal of Teaching and Research in Chemistry.* Vol. 11, (No. 1), June 2004 1-11.
43. Equilibrium and spectral studies on ligational behavior of N,N-diformyl hydrazine. **G. Bhargavi, B. Sireesha and Ch. Sarala Devi,** *Proc. Indian Acad. Sci., (Chem Sci.)* Vol-115, NO-1, Feb 2003, pp 23-28.
44. A study on potential donor sites of some substituted 1,2,4-triazoles and their denticity, **G. Bhargavi, B. Sireesha and Ch. Sarala Devi,** *Journal of the Indian Chemical Society*, vol. 79, October 2002, page 826-827.
45. A Study on coordination properties of 3-mercapto-1,2,4-triazole in solution and Characterization of its solid metal complexes. **G. Bhargavi, B Sireesha and Ch Sarala Devi.** *Bulletin of Pure and Applied Sciences.* Vol. 21C (No. 1) 1-9 (2002).
46. Synthesis and characterization of transition metal complexes of isatin oxime, **K. Laxmi, B. Sireesha and Ch. Sarala Devi.** *Proc. Nat Acad. Sci, India LXXI, A* 85 – 94 (2001).

47. ^1H - NMR and ^{13}C - NMR studies on thiosemicarbazides and their interaction with metal ions in solution, **B. Sireesha, G. Sinivas Reddy, Ch. Sarala Devi, C. Gyanakumari**. *Proc. Nat. Acad. Sci. India*, 70(A), IV (2000) 381-387.
48. Synthesis of Metal complexes with formyl and acetyl thiosemicarbazides. **B. Sireesha and Ch. Sarala Devi, Rafeeq Mohiuddin and M.G. Ram Reddy**. *J. Indian. Chem. Soc.*, 76, 498-499 (1999).
49. Interaction of Nickel-, Cobalt-, Zinc- and Lead(II) with Benzothiazole-2-Carboxyhydrazides in solution: Synthesis of their Copper (II) complexes. **G. Srinivas reddy, B. Sireesha, Ch. Sarala Devi, Rafeeq, Gyana Kumari and M.G. Ram Reddy**. *J. Indian. Chem. Soc.*, 75, May 1998, 290-292.

ii) List of Papers Presented:

1. Computational study of 1-Acetyl-4-phenyl-3-thiosemicarbazide (APTSC): Biological studies of its Cu(II) chelate. P. Nirmala Jyothi and B. Sireesha, at Two day International Seminar on Current Trends and Futuristic Challenges in Chemical Sciences organized by Dept. of Chemistry, University college of Science, Osmania University on 29th and 30th July 2022.
2. Equilibrium and Computational studies of 1-formyl-4-methyl-3-thiosemicarbazide: DNA Binding and Biological studies of its Co(II) complex Anjum Fatima and B. Sireesha, at Two day International Seminar on Current Trends and Futuristic Challenges in Chemical Sciences organized by Dept. of Chemistry, University college of Science, Osmania University on 29th and 30th July 2022.
3. Computational, equilibrium, antimicrobial studies of 1-formyl-3-thiosemicarbazide and characterization of its Cd(II) and Hg(II) complexes; Anjum Fatima and B. Sireesha; at RUSA & TSCOST Sponsored Two Day National Seminar on "Emerging Trends in Chemical and Materials Science Research" (ETCMSR-2022), on 25th & 26th February, 2022, organized by Dept. of Chemistry, SR & BGNR. Govt. Arts & Science College (Autonomous), Khammam.
4. Biological studies of 1-(4'-chlorobenzoyl)-4-methyl-3-thiosemicarbazide and its Co(II) and Ni(II) binary chelates; S. T. Leena Carlin and B. Sireesha at RUSA & TSCOST Sponsored Two Day National Seminar on "Emerging Trends in Chemical and Materials Science Research" (ETCMSR-2022), on 25th & 26th February, 2022, organized by Dept. of Chemistry, SR & BGNR. Govt. Arts & Science College (Autonomous), Khammam.
5. DNA cleavage and antibacterial studies of Zn(II) complex with 1-phenylacetyl-3-thiosemicarbazide; P. Nirmala Jyothi and B. Sireesha; at three-day International conference on "Material Science and societal Advancement" (MSSA-2020) from 20th -22nd January 2020 organized by Department of Chemistry, UGC-UPE FAR programme, Osmania University, Hyderabad.

6. DNA cleavage studies of Zn(II) complex with 1-acetyl-4-phenyl-3-thiosemicarbazide; P. Nirmala Jyothi and B. Sireesha; at two-day International conference on “Emerging Trends in Spectroscopic Techniques and their Applications” (etsta-2018) on 3rd and 4th December 2018 organized by Department of Chemistry, University College for Women, Osmania University, Koti, Hyderabad.
7. Synthesis and DNA binding studies of Cu(II) complex of 3-formyl-pyridinethiosemicarbazone; Mydhili S.P., Sireesha B and Venkataramana Reddy Ch.; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
8. Synthesis, characterization, equilibrium studies, DNA binding studies and microbial activity of Ni(II) complex of 4-nitrobenzoyl-3-thiosemicarbazide; S.T. Leena Carlin, G. Lingaiah and B. Sireesha; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
9. Synthesis, characterization, DNA binding studies of Mn(II) complex of 2-propionyl-amino-5-ethyl-1,3,4-thiadiazole; Firasath Unnisa, P. Nirmala Jyothi and B. Sireesha; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
10. DNA binding studies of Zn(II) complex of 2,4-dichloro-N'-((3-Hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl)methylene-benzohydrazide; Kavitha Ramdas, B. Sireesha and Ch. Venkatramana Reddy; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
11. Solution Chemistry, Synthesis and characterization and DNA binding studies of ternary complexes of copper(II) with pyridoxal thiosemicarbazone and glycylglycine; Saritha Aduri, B. Sireesha and Ch. Venkatramana Reddy; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
12. Anti-microbial and DNA-binding studies of 1-formyl-4-phenyl-3thiosemicarabize and its Cu(II) complex; Anjum Fatima, G. Upender and B. Sireesha; at three-day “International Congress on Recent Advances in Chemistry and Chemical Engineering” ICRACACE-2016 from 11th – 13th July, organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.
13. DNA binding studies of Cu(II) and Zn(II) metal complexes of Schiff base (z)-2-((4-chloro-6-methylpyrimidin-2-ylimino)methyl)phenol; G. Lingaiah, P. Upender, J. Ramakrishna and

B. Sireesha; at three-day "International Congress on Recent Advances in Chemistry and Chemical Engineering" ICRACACE-2016 from 11th – 13th July organized by Department of Chemistry, JNTUH College of Engineering, Kukatpally, Hyderabad.

14. Synthesis, DNA binding studies of complexes of N-Chloro-acetyl-1,3-benzothiozole-2-carbohydrazide; P. Upender, T. Sandeep and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
15. Spectro-analytical, computational and biological studies of 3-isatinyl-1,8-diamino naphthalene and its metal chelates; Ramakrishna J, Y. Shankar Rao, G. Lingaiah and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
16. Antimicrobial Activity and DNA binding studies of 1-formyl-4-methyl-3-thiosemicarbazide and its copper(II) complex; Anjum Fatima and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
17. DNA binding and anti-bacterial activity of Cu(II) complex of 4-nitrobenzoyl-3-thiosemicarbazide; ST. Leena Carlin and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
18. Synthesis of Cu(II), Zn(II) complexes of Schiff base ligand derived from 2-amino-4-chloro-6-methylpyrimidine and o-hydroxybenzaldehyde; A. Avani and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
19. Biological studies of Nickel(II) complex of 4-fluoro-N-((3-hydroxy-5-(hydroxymethyl)-2-methylpyridin-4-yl)methylene)benzohydrazide; Kavitha Ramdas, B. Sireesha and Ch. Venkatramana Reddy; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
20. Equilibrium Studies, DNA binding and antimicrobial activity of 2-propionyl-amino-5-alkyl-1,3,4-thiadiazole and its complexes; Firasath Unnisa and B. Sireesha; at one-day National Seminar on "Recent Applications in Medicinal and Material Devices" 2nd July 2016, organized by Department of Chemistry and Physics, Nizam College, OU, Hyderabad.
21. Ligational aspects of pyridoxal thiosemicarbazone; Computational study; S. Sunderlaxmi, Santhosh and B. Sireesha; at Two-day National seminar on "New aspects of heterocyclic chemistry in medchem and chemical biology" 19th and 20th February 2015, organized by Dept. of Chemistry, RBVRR Women's College, Hyderabad.

22. Computational studies on N-(chloroacetyl)-1,3-benzothiazole-2-carboxyhydrazide; P. Upender, P. Sandeep and B. Sireesha; at Two-day National seminar on "New aspects of heterocyclic chemistry in medchem and chemical biology" 19th and 20th February 2015, organized by Dept. of Chemistry, RBVRR Women's College, Hyderabad.
23. Synthesis, spectral characterization, biological activity and computational study of 4-formyl pyridine N(4) thiosemicarbazone and its novel metal complexes; SP Mydhili, B. Sireesha and Ch. Venkataramana Reddy; at International symposium on "Nature inspired initiatives and Chemical trends" 2nd to 5th March 2014, organized by CSIR-Indian Institute of Chemical Technology, Tarnaka, Hyderabad.
24. Computational study of p-nitrobenzaldehyde thiosemicarbazone; Synthesis and characterization of Cu(II) and Hg(II) complexes. SP Mydhili, G. Sravan, P. Nirmalajyothi, SS Laxmi and B. Sireesha; at "AP Science Congress- 2013" 14th to 16th November 2013, organized by AP Akademi of Science and University of Hyderabad, at University of Hyderabad, Gachowli, Hyderabad.
25. Spectro-analytical and computational studies of 1-chloroacetyl-3-thiosemicarbazide: Cu(II) and Zn(II) complexes; P Nirmalajyothi and B. Sireesha; at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
26. A study on structural aspects and Microbial activity of (E)-4-pyridinecarboxaldehyde-3-hydroxy-5-(hydroxymethyl)-2-methyl-oxime hydrochloride: An experimental and computational approach; K. Eshwari, B. Sireesha, P. Mamatha and Ch. Sarala Devi. at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
27. Pyridoxal-4-thiosemicarbazone derivative: Spectro-analytical and computational study; S. Sundrlaxmi, Venkatesh, G. Lingaiah and B. Sireesha; at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
28. Synthesis, spectral characterization and computational study of pyridoxal chloroacetic hydrazone; Kavitha Ramdas, SP Mydhili, A. Saritha B. Sireesha and Ch Venkataramana Reddy; at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
29. Spectro-analytical and computational study of novel 1,3-benzothiazole-2-carboxyhydrazide derivatives; Upender, Venkatesh, Naresh and B. Sireesha; at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
30. "Synthesis, spectral characterization, biological activity and computational study of 4-formyl pyridine thiosemicarbazone and its novel metal complexes"; SP Mydhili, A. Saritha,

K. Kavita, B. Sireesha* and Ch. Venkataramana Reddy; at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.

31. "Spectro analytical and computational studies on 2-benzothiozole carbonyl-4-methoxyphenylhydrazine: Cu(II) and Zn(II) complexes"; B. Venkatesh, P. Upender, G. Lingaiah, S. Naresh and B. Sireesha*, at National conference on "Frontiers of Chemical Research-2013 (NCFCR-2013)", 25th and 26th October 2013, organized by College of Engineering, JNTUH, Kukatpally, Hyderabad.
32. "Biological Activity of 3-Mercapto-1,2,4-Triazoles And their Semi-empirical Studies"; B Sireesha, D. A. Padmavathi , Ch Sarala Devi, and A.K.D. Bhavani, at 4th International symposium on "Current Trends in Drug Discovery Research – 2010 (CTDDR – 2010)" organized at CDRI, Lucknow during 17th – 22nd Feb, 2010.
33. "Semi-Empirical Studies of Biologically Active 5-substituted-2-Amino-1,3,4-Thiadiazoles"; Firasat Unnisa, D. A. Padmavathi, Aliya Begum, Ch. Sarala Devi and B Sireesha, at National conference on "New Dimensions in Chemical Sciences" – NDCS-2010, 30th January, 2010 organized by Dept. of Chemistry, PG College of Science, Saifabad, Osmania University, Hyderabad.
34. "Spectro-analytical, computational and microbial studies of 4-(2'-hydroxy) benzylidine amino-5-phenyl-3-mercapto-1,2,4-triazole and its metal complexes"; Aliya Begum, B Sireesha, D. A. Padmavathi, Ch Sarala Devi at National conference on "New Dimensions in Chemical Sciences" – NDCS-2010, 30th January, 2010 organized by Dept. of Chemistry, PG College of Science, Saifabad, Osmania University, Hyderabad.
35. "Mass spectral and x-ray diffraction studies of N-(2- nitrophenyl)- 5-phenyl- 1,3,4-oxadiazole-2-amine". A.V. Aparna, A. Padmaja , B. Sireesha and Ch. Sarala Devi, at National conference on "Recent Advances in Chemical Research" (NCRACR-2009) 6th & 7th Feb, 2009 organized by Dept. of Chemistry, University College of Science, Osmania University.
36. "Semi-empirical studies of 1-acyl-3- thiosemicarbazides" B.Sireesha, D. A. Padmavathi and Ch Sarala Devi, at International conference "Fourth Indo-US Lecture Series on Discrete Mathematical Chemistry" 6th – 9th Jan, 2009, organized by Dept. of Chemistry, Nizam College, Osmania University
37. "A study on single crystal structure of 4-(4'-methoxy) benzylidine amino-5-phenyl-3-mercapto-1,2,4-triazole". AliyaBegum, B.Sireesha, Padmaja and Ch.Sarala Devi, at National Symposium on "Chemistry Technology Interface: A Synergistic Approach" 30th Sep to 2nd Oct 2007, jointly organized by Dept. of Chemistry Nizam College and University College of Technology, O.U., Hyderabad.
38. "Spectral and Equilibrium Studies on some new derivatives of 4- Amino-5-phenyl-3-mercapto-1,2,4-triazole". AliyaBegum, B.Sireesha, A.V. Aparna and Ch.Sarala Devi, at

National Symposium on “Chemistry Technology Interface: A Synergistic Approach” 30th Sep to 2nd Oct 2007, jointly organized by Dept. of Chemistry Nizam College and University College of Technology, O.U., Hyderabad.

39. “A Study on types of Hydrogen Bonding in Crystal Structure of 1-Acetyl-3-Thiosemicarbazide” B. Sireesha and Ch. Sarala Devi, at National Symposium on “Chemistry Technology Interface: A Synergistic Approach” 30th Sep to 2nd Oct 2007, jointly organized by Dept. of Chemistry Nizam College and University College of Technology, O.U., Hyderabad.
40. “Equilibrium Studies on the formation constants of 1-Aroyl-4-(2-Nitro Phenyl)- 3-Thiosemicarbazides with some Metal Ions and Characterization of their Cu(II) Complexes” B. Sireesha, G. Bhargavi, Ch. Sarala Devi. 15th –17th March 2004 at National Seminar on “Role of Chemistry in the Emerging areas of Applied Sciences” organized by Dept. of Chemistry, S.V. University, Tirupathi.
41. Formation and stability Constant of Benzothiazole-2-carboxy hydrazides and synthesis and characterization of their metal complexes. G. Srinivas Reddy, B. Sireesha, and Ch. Sarala Devi. At National Symposium on “New Vistas in Chemical Sciences” 19th –20th March 1995, Anwar-Ul-Uloom College, Hyderabad
42. “Equilibrium Studies on the formation constants of formyl thiosemicarbazide and 1-benzoyl-4-(2-nitrophenyl)-3-thiosemicarbazide with some transition metal ions and synthesis of Cu(II) complexes of Benzoyl thiosemicarbazides”. B. Sireesha, G. Srinivas Reddy and Ch. Sarala Devi. At National Symposium on “New Vistas in Chemical Sciences” 19th –20th March 1995, Anwar-Ul-Uloom College, Hyderabad.

c) PhDs produced: Seven Research scholars were awarded PhD:

S.No	Name of the Scholar	Title of the Thesis	Month and year of Award
1	Firasath Unnisa	Interaction of metal ions with some biologically active 5-substituted-2-amino-1,3,4-thiadiazoles and their derivatives. (Osmania University)	June 2018
2	A Saritha	Studies on Transition metal complexes of pyridoxal schief Bases, Histidine and Dipeptides.(JNTUH)	July 2018
3	SP Mydhili	Interaction of Transition Metal Ions with Substituted Pyridene Thiosemicarbazones: Computational and Biological Studies. (JNTUH)	July 2018
4	P. Nirmala Jyothi	Interaction of metal ions with some biologically active acyl thiosemicarbazides and their derivatives. (Osmania University)	February 2019
5	R. Kavitha	Synthesis, Characterization and biological activity evaluation of transition metal chelates of pyridoxal derivatives. (JNTUH)	February 2019

6	ST Leena Carlin	Spectro-analytical, Computational and Biological studies of aroyl thiosemicarbazide derivatives and their chelates (Osmania University)	December 2022
7	Anjum Fatima	Interaction of Metal ions with some biologically active formyl-semicarbazide and thiosemicarbazides derivatives in Solutions and in Solids; Computational studies (Osmania University)	April 2023

d) Research Supervisor: Four Research Scholars are working for their PhD Degree.

e) Research paper Reviewer: Have been reviewer for ‘**Spectrochimica Acta: Part A Molecular and Bio-molecular Spectroscopy**’ since 2019 and reviewed six research papers till date.

11. Projects: Completed

a) UGC-Minor Research Project: UGC-SERO, Hyderabad, Feb, 2009 - Rs.1,80,000=00
Duration: Two years (Link No. 2701)

Title: Design of new chemical processes in the synthesis of Acyl thiosemicarbazides under Green Technology; Chelating properties.

b) UGC- Minor Research Project: UGC-SERO, Hyderabad – June 2017-Rs.3,30,000=00
Duration three Years (Link No. 6444)

Title: DNA Binding and Computational Studies on Acyl thiosemicarbazides and their Metal chelates.

12. Orientation, Refresher Courses, FDP and STP attended:

- Participated in the Refresher Course in **Chemistry** conducted from 4th – 25th July 2005 at **UGC – Academic Staff College, Osmania University**.
- Participated in the Orientation Course conducted from 12th – 22nd June 2007 at **Osmania University Centre for International Programme (OUCIP), Osmania University**.
- Participated in the Orientation Course conducted from 27th Dec 2007 to 25th Jan 2008 at **UGC – Academic Staff College, Osmania University**.
- Participated in the Refresher Course in **Chemistry** conducted from 15th Sep, 2009 – 9th Oct, 2009 at **UGC – Academic Staff College, Osmania University**.
- Participated in the Refresher Course in **Soft Skills and Personality Development** conducted from 18th Sep, 2016 – 9th Oct, 2016 at **UGC – Academic Staff College, Osmania University**.
- Participated in the Short-term Course in **Research Methodology** conducted from 15th Dec to 22nd Dec 2017 at UGC-HRDC, Osmania University at **UGC – HRDC, Osmania University**.
- Participated in the Short-term Course in **Yoga and Spiritual Science** conducted from 2nd July to 7th July 2018 at **UGC – HRDC, Osmania University**.
- Participated in a seven-day webinar (FDP) on “**ADVANCED CONCEPTS FOR DEVELOPING MOOCs** (Online Teaching, Learning & Assessment)” Organized by Department of Chemistry, University College for Women, Koti, Hyderabad from 27th July, 2020 to 2nd August, 2020. (Flexible mode)

- National TWO WEEK FACULTY DEVELOPMENT PROGRAM on **Outcome based Education and Technology in Higher Education** from 14th July to 03rd August 2021 conducted by GAD-TLC, Ministry of Education, Govt. of India under PMMMNMTT. (Flexible mode)
- Completed National Online Workshop “**Blended Learning with LMS-MOODLE (BASIC)**” 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 Govt. of India, held from 11th September to 12th September 2021. (Flexible mode) (Continuous Professional Development)
- Completed National Online Workshop “**Blended Learning with LMS-MOODLE (Advanced)**” 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, Govt. of India, held from 18th September to 19th September 2021. (Flexible mode) (Continuous Professional Development)
- National Webinar entitled “**Experiential Learning as Envisaged in NEP-2020**” 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 on 19th June 2022. (This is equivalent to a regular National Seminar).
- One-Week Online National Faculty Development Program 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.
- Short term course on “**Leadership Development for Academic Administrators**” organized by UGC-HRDC, Osmania University, Hyderabad, Telangana from 27th June 2023 to 4th July 2023.

13. Administrative experience:

- Director, IQAC, Osmania University (November 2022 onwards)
- Coordinator for conducting PG internal and external examinations at Dept. of Chemistry, UCS, Osmania University (2019-2022)
- Member, BOS for BSc Chemistry, OU. (2017 to till date)
- Member, Departmental Committee, Dept. of Chemistry, UCS, Osmania University.
- Member, Selection committee, to other Degree and PG colleges, Osmania University.
- In charge head, Department of Chemistry, Nizam College, OU 2017-2019.
- Academic coordinator, Nizam College, OU from June 2014 to May 2018.
- Coordinator for RUSA programs, Nizam College, OU.
- Chair Board of Studies, Department of Chemistry, Nizam College (Autonomous) for **UG Course** 2017-2019
- Coordinator for CBCS pattern and implementation at Nizam College, OU from Jan 2015 onwards
- Member of IQAC committee, Nizam College.
- Member of Time-Table and Admission Committees, Nizam College
- Member of Anti-ragging committee, Nizam College

14. Life Member:

- Indian Association of Chemistry Teachers (IACT) Mumbai.(LM217)
- International Society of Teachers and Researchers in Chemistry Bhubaneswar. (ISTRIC)
- Indian Society of Analytical Scientists (ISAS) Mumbai. (LM1823)
- Indian Chemical Society, Kolkata.(F/6891 LM)
- The Indian Science Congress Association (L33739)

15. Seminars, workshops organized:**a) Seminars organized at PGCSS, OU**

1. “Molecular Design”, 26th & 27th April 2010.
2. Science Exhibition

b) Seminars organized at Nizam College, OU

3. Science Fest-2015
4. Two-Day Program on “Recent Innovations in Science and Technology” on 29th Feb 2016 and 1st March 2016, supported by TSCOST, DST, GOI.
5. Two day National Seminar on “Reforms in Higher Education – Opportunities and Challenges for Autonomous Colleges ” during 28th & 29th March 2016 with the support of Telangana State Project Directorate, RUSA
6. Indo French Chem-interaction on 15th February 2017
7. Induction Program about CBCS at Nizam College for Teaching Staff and Students June 2017.
8. Principles of Stereochemistry by Prof. K. Kondal Reddy, Eminent Teacher Osmania University on 17th August 2017.

c) Department of Chemistry, UCS, OU

9. Two-Day National webinar on “Online teaching tools for the faculty: Live Sessions” On 5th and 6th August 2020.

Place: Hyderabad

Date: 21-07-2024

Dr. B. SIREESHA