

C. V. OF Dr. KUSHESHWAR YADAV, UNIVERSITY PROFESSOR, P.G.
DEPARTMENT OF CHEMISTRY, SAMASTIPUR COLLEGE,
SAMASTIPUR(LNMU-DBG), INDIA.

1. Name of the Department: **CHEMISTRY**
2. Name in Block Letter: **Dr. KUSHESHWAR YADAV**
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3. Correspondence Address: **Dr. Kusheshwar Yadav**
University-Professor & Head
P.G. Deptt. of Chemistry, Samastipur College, Samastipur LNMU-India
4. Permanent Address: **Dr. Kusheshwar Yadav**
New Colony, West of Waterways-IB, Ward No. 9, Jitwarpur Nijamat,
Samastipur-848134(Bihar), India
5. Post hold: From **27th July' 1994**
6. Related Experience: **P. G. Teaching + U. G. Teaching --- More than 24 years**
(Additional:--18 Months Teaching Experience in Affiliated Unit and IGNOU-Teaching 15 years).
7. Other Experience: **(i) Life Membership in Research Organization and Professional Bodies like -**
Indian Council of Chemists, Indian Science Congress Association and Association of Chemistry
Teachers. (ii) Chaired the Technical Sessions of Seminar & worked as a Judge of
"National Children Science Congress."
8. Area of Interest/Specialization: **CO-ORDINATION CHEMISTRY / INORGANIC CHEMISTRY**
9. Minor Research Project: **"Physicochemical Analysis of Drinking Water in and Around**
(Funded By UGC) Samastipur, District".

10. WORKSHOPS:

1. U.G.C. sponsored workshop on "Thermodynamics" (MAR 28-30, 1998) organised by Chemical Society, University Deptt. of Chemistry, L. N. Mithila University, Darbhanga.
2. U.G.C. sponsored workshop on "Pericyclic Reactions" (MAR 15-17, 2012) organised by Chemical Society, University Deptt. of Chemistry, L. N. Mithila University, Darbhanga.

11. Number of Ph. D. produced/Scholars Registered/Synopsis Submitted under the supervision of Dr. Kusheshwar Yadav, University Professor, P.G. Department of Chemistry, Samastipur College, Samastipur.

(i) Scholars Supervised / Ph.D. Produced:

S.N.	Name of the Scholar	Topic	Year (Registration)	Year of Ph. D. awarded.
1.	<i>Arvind Prasad Singh</i>	Spectral & magnetic behavior of semicarbazone derivatives of first series Transition Metals.	2006	2009
2.	<i>Sarvesh Kr. "Shailesh"</i>	Synthesis, characterization and study of properties of Carbon Nano Tubes.	2010	2013
3.	<i>Pramod Kumar</i>	Studies on some Poly-Nuclear Complexes.	2012	2018

(ii) Scholars Presently Registered for Ph.D.

S.N.	Name of the Scholar	Topic	Date of Registration
1.	<i>Chandra Bhushan Singh</i>	Spectrochemical Studies on Binuclear Transition Metal Complexes with Macrocylic Ligands.	<i>Feb' 2009</i>
2.	<i>Shalini Kumari</i>	Studies on some Zinc Complexes.	<i>21-03-2013</i>
3.	<i>Bikash Kumar</i>	Studies on some Copper(II) Complexes with Tetraaza Macrocylic Ligands.	<i>21-03-2013</i>
4.	<i>Yadu Nath Prasad Roy</i>	Multidantate character of Oximes and some other related Ligands.	<i>Registration in Progress</i>

12. Participation in UGC sponsored Orientation and Refresher Courses by Dr. Kusheshwar Yadav, University Professor, P.G. Department of Chemistry, Samastipur College, Samastipur.

ORIENTATION COURSE :

Participated in 30th Orientation Course held from 24-12-1997 to 20-01-1998 at UGC-ASC, B.R.A. Bihar University, Muzaffarpur.

REFRESHER COURSES :

1. Participated in Refresher Course held from 01-03-2002 to 21-03-2002 at UGC-ASC, B.R.A. Bihar University Muzaffarpur.
2. Participated in Refresher Course held from 03-09-2003 to 23-09-2003 at UGC-ASC, University of Allahabad (U.P.).
3. Bihar University, Muzaffarpur.
4. Participated in Refresher Course held from 20-03-2009 to 09-04-2009 at UGC-ASC, B.R.A. Bihar University, Muzaffarpur.
5. Participated in Refresher Course held from 24-03-2011 to 13-04-2011 at UGC-ASC, B.R.A. Bihar University, Muzaffarpur.

13. PUBLICATIONS :

List of Books Published with ISBN Number / to be published by Dr. Kusheshwar Yadav, University Professor, P.G. Department of Chemistry, Samastipur College, Samastipur.

(a) Books Published:

1. An Introduction to Photochemistry by Dr. K. Yadav; Published by Axis Books Private Limited, Ansari Road Daryaganj, New Delhi (2013). ISBN: 978-93-81302-90-3.
2. Solid State Chemistry by Dr. K. Yadav; Published by Axis Books Private Limited, Ansari Road Daryaganj, New Delhi (2013). ISBN: 978-93-81302-56-9.
3. Elements of Surface Chemistry by Dr. K. Yadav; Published by Axis Books Private Limited, Ansari Road Daryaganj, New Delhi (2013). ISBN: 978-93-81302-89-7.
4. An Introduction to Metallurgy by Dr. K. Yadav in pipe line for publication.
5. An Introduction to Organometallic Compounds by Dr. K. Yadav to be published soon.

14. PUBLICATIONS IN JOURNALS:

List of Research Papers Published in National and International Journals by Dr. Kusheshwar Yadav, University Professor, P.G. Department of Chemistry, Samastipur College, Samastipur.

1. K. Yadav and Arvind Prasad Singh, Acta Ciencia Indica, Vol. XXXIVC, No. 3, 383 (2008).
2. K. Yadav, Anita Kumari and Chandra Bhushan Singh, J. Chemtracks, Volume 12(2), 479-484, (2010).
3. K. Yadav, Anita Kumari and Santosh Kumar, J. Chem. Bio. Phy. Sci., Vol. 1, No. 2, Sec. A, 132-140 (2011).
4. K. Yadav, Anita Kumari and A. P. Singh, J. Chemtracks, Volume 13(1), 63-66, (2011).
5. K. Yadav, Anita Kumari and A. P. Singh, J. Chemtracks, Volume 13(1), 165-168, (2011).
6. K. Yadav, Anita Kumari and M. Kumar, J. Chemtracks, Volume 13(2), 557-562, (2011).

7. K. Yadav and Anita Kumari, J. Chemtracks, Volume 13(2), 577-580, (2011).
8. Sarvesh Kumar Shailesh, Ajit Joshi, B. Tiwari and K. Yadav, Int. J. Chem. Sci.: 10(4), (2012), 1844-1848.
9. K. Yadav and Anita Kumari, J. Chemtracks, Volume 14(1), 215-218, (2012).
10. K. Yadav, Anita Kumari and M. Kumar, Asian J. Chem. Vol. 25, No. 4 (2013), 2109-2112.
11. Sarvesh Kumar Shailesh, B. Tiwari, K. Yadav and Divyanshu Prakash, Int. J. Met. & Mat. Sci.: Vol. 3, Issue 2, Jun 2013, 13-20.
12. K. Yadav and Anita Kumari, Int. Journal of Applicable Chemistry, 2013, 2(3): 619-623.
13. K. Yadav; Paper accepted (on line) for Journal of Environmental Science : Computer Science and Engineering Technology (Manuscript No. –JECET-101).
14. K. Yadav and Pramod Kumar, J. Chemtracks, Volume 15(2), 481-486, 2013.
15. K. Yadav, Anita Kumari and Pramod Kumar, Int. Journal of Applicable Chemistry, 2014, 3 (2): 521-524.
16. Sarvesh Kumar Shailesh and K. Yadav, International Journal of Advance Research in Science And Engineering (IJARSE), Vol. No.3, Special Issue (01), September 2014.
17. Anita Kumari and Yadav, K. International Journal of Current Research Vol. 8, Issue, 03, pp. 28289-28292, March, 2016.
18. Sanjay Kumar Sinha and K. Yadav, Int. Journal of Applicable Chemistry, 2017, 6 (6): 1026-1030.
19. Sanjay Kumar Sinha and K. Yadav, GJRA – Global Journal For Research Analysis; Volume-6, Issue-11, November-2017.
20. Sanjay Kumar Sinha and K. Yadav, International Research Vision (Int. Res. Vn) Volume 4 Issue 1: 16-20, 2018.

15. Seminars attended by Dr. Kusheshwar Yadav, University Professor P.G. Department of Chemistry, Samastipur College, Samastipur.

SEMINARS :-

1. U.G.C. sponsored Regional Seminar at Women's College, Samastipur (Bihar) from 28.03.2007 to 30.03.2007.
2. U.G.C. sponsored National Seminar on “Recent Trends in Chemical Research” at Jai Prakash University, Chapra (Bihar) on 28.04.2007.
3. National Seminar on “Emerging Trends in Green Chemistry” at A.N. College, Patna on 15-17 Oct, 2011 in 11th National Convention of Chemistry Teachers (NCCT-2011).
4. U.G.C. sponsored National Seminar on Molecules: "Engines of Creation" at University Deptt. of Chemistry, B.R.A. Bihar University, Muzaffarpur (Bihar) on December 23, 2011.

5. U.G.C. sponsored National Seminar on “Research Methodology in Chemistry” on 3-4 Feb, 2012 at Deptt. of Chemistry, Janta College, Bakewar (Etawah).
6. U.G.C. sponsored National Seminar on "Chemistry is Life" at Magadh Mahila College, Patna University on February 23-24, 2012.
7. “Five-Days Interdisciplinary National Seminar-Cum-Workshop” at Samastipur College, Samastipur on 8-12 December, 2014.
8. U.G.C. sponsored National Seminar on “Green Technology in Waste Water Management (GTWWM) 2016 at Deptt. of Chemistry, VKS University, Ara on September 29-30, 2016.
9. U.G.C. sponsored National Seminar on “Recent Advances in Chemical Sciences for Plant Disease and Pest Management for sustainable Agriculture” at S.M. College, Bhagalpur on November 11-12, 2016.
10. U.G.C. sponsored National Seminar on “Chemical Pollutant: Effect on Environment and Health” at Patna Women’s College, Patna on 9th & 10th December, 2016.
11. Three Days National Seminar on “Science and Technology for National Development” at Patna on 16-18 December, 2016.
12. U.G.C. sponsored National Seminar on “Synthesis in Green Chemistry” at University Department of Chemistry, L.N. Mithila University, Darbhanga on 31st July’ 2017 & 1st August’ 2018.
13. U.G.C. sponsored National Seminar on “Application of Green Chemistry in the Remediation of Environment” at M.L.S.M. College, Darbhanga on 12-14 January, 2018.

16. Conferences attended by Dr. Kusheshwar Yadav, University Professor P.G. Department of Chemistry, Samastipur College, Samastipur.

INTERNATIONAL CONFERENCES:

1. International Conference “Global Challenge’s – The role of Chemistry in giving their solutions” from 12-06-2011 to 14-06-2011 in Bangkok (Thailand).
2. International Conference on “Global Trends in Pure & Applied Chemical Sciences” from 03-03-2012 to 04-03-2012 at Udaipur, India.

NATIONAL CONFERENCES :

1. 21st Annual Conference of ICC at R.D. University, Jabalpur (M.P.) from 24-10-2002 to 26-10-2002.
2. 23rd Annual Conference of ICC at K.C. College Churchgate, Mumbai from 29-10-2004 to 31-10-2004.
3. National Conference on Lasers and their Applications in Basic and Applied Science

(NCLBAS-2005) on 10-13 Jan, 2005 at the Deptt. of Physics, Visva-Bharati, Santiniketan.

4. Silver Jubilee Conference of ICC at Birla College of Arts, Science and Commerce, Kalyan on 27-29 Dec, 2006.
5. 26th Annual Conference of ICC at the Deptt. of Chemistry, DR. H.S. Gaur University, Sagar (M.P.) on 26-28 Feb, 2008.
6. 27th Annual Conference of ICC at the Deptt. of Chemistry, Gurukul Kangri Vishwavidyalaya, Haridwar on 26-28 Dec, 2008.
7. 4th Bihar Science Conference, 2011 at L.S. College, Muzaffarpur (Bihar) on 11-13 Feb, 2011.
8. 5TH Bihar Vigyan Congress, 2012 (Bihar Council on Science & Technology) at Planetorium Patna on 27-29 Nov, 2012.
9. 33rd Annual Conference of ICC at Indian School of Mines, Dhanbad (Jharkhand) on 17-19 Dec' 2014.

17. DEPARTMENTAL ACTIVITIES:

(A). Guest Lectures organized by the Chemistry Department:

- (i) First Guest Lectures on "Organic Chemistry and Coordination Compounds" and "Inventions of Chemistry that Changed the World" was organized by P.G. Deptt. of Chemistry, Samastipur College, Samastipur on 14-09-2013.
- (ii) Second Guest Lecture on "An Introduction to Quantum Chemistry" was organized by P.G. Deptt. of Chemistry, Samastipur College, Samastipur on 31-07-2014.

(B). Seminars organized by the Chemistry Department:

1. One Day Seminar on "Chemistry In Everyday Life" was organized by P.G. Deptt. of Chemistry, Samastipur College, Samastipur on 27-02-2017.
2. Class-Room seminars organized by P.G. Department of Chemistry, Samastipur College, Samastipur:
 - (i) "Green House Effect and its Consequences" organized, for P.G. 1st Semester (2017-2019) students, on 07th Apr' 2018.
 - (ii) "Pollutions and their Remedies" organized, for P.G. 3rd Semester (2016-2018) students, on 12th May' 2018.
 - (iii) "Coordination Chemistry and Werner's Theory" organized, for P.G. 2nd Semester (2017-2019) students, on 15th Sept' 2018.
 - (iv) "Organometallic Compounds and their Applications" organized, for P.G. 4th Semester (2016-2018) 'Inorganic Chemistry Special' students, on 27th Sept' 2018.

- (v) “Drugs and their Abuses” organized, for P.G. 4th Semester (2016-2018) ‘Organic Chemistry Special’ students, on 29th Sept’ 2018.

18. Other Academic Activities (Awards/Certificates/Assignments):

- (a) Life Member Certificate of ICC (LF/531)*
- (b) Life Member Certificate of ACT (LM No. 1026)*
- (c) Life Member Certificate of ISCA (M No. L15508)*

- (d) Worked as a Judge for District level XIII National Children Science Congress – 05 (YSA-05) held in +2 Level Model High School, Samastipur.*
- (e) Co-Chaired Technical Session-I & II of UGC sponsored seminar at S.M.College, Bhagalpur (T.M. University, Bhagalpur) on November 11-12, 2016.*