University Faculty Details Page on DU Web-site

Title	Prof./Dr./Mr./Ms. Prof.	First Name	Jitender	Last Name	Khurana	Photograph

Designation	**Professor**
Department	**Chemistry**
Address (Campus)	**Department of Chemistry, Universsity of Delhi, Delhi-110007**
(Residence)	**A-II/8, Third Floor, Maurice Nagar, Delhi-110007**
Phone No (Campus)	**27667725 ext. 1384**
(Residence)	**27662913**
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Email	**jmkhurana@chemistry.du.ac.in; jmkhurana1@yahoo.co.in**

Education

Subject	Institution	Year	Details
Ph. D.	**I I T, Kanpur**	**1982**	Thesis topic: *"Novel Mechanistic Pathways in Organic Transformations"*
M. Sc.	**University of Delhi, Delhi**	**1975**	Subjects: Chemistry
B. Sc. (Hons.) Chemistry	**University of Delhi, Delhi**	**1973**	Subjects: Chemistry

Career Profile

Organisation / Institution	Designation	Duration	Role
University of Delhi, Delhi,	**Professor**	May 2003 - to date	**Teaching & Research**
University of Delhi, Delhi,	**Reader**	Oct. 1997 - Apr. 2003	**Teaching & Research**
University of Delhi, Delhi,	**Lecturer & Sr. Lecturer**	Jan. 1986 - Oct. 1997*	**Teaching & Research**

Research Interests / Specialization

Research experience in development of synthetic methodologies; reaction mechanism; Synthesis of novel heterocyclic compounds; Sonochemistry, Application of microwaves in organic synthesis; Synthesis, characterization and applications of ionic liquids in organic synthesis; Preparation, characterization and applications of metal nanoparticles in organic synthesis; Multi-component reactions.

Teaching Experience (Subjects/Courses Taught)

Teaching experience as RA and SRA at I.I.T., Kanpur and Lecturer, Senior Lecturer, Reader and Professor at University of Delhi. At University of Delhi.
I have taught following courses in M. Sc. at University of Delhi:
Organic Stereochemistry

Study of Reactive Intermediates
Organic Spectroscopy
Methods in Organic Synthesis
Photochemistry & Pericyclic Reactions
Chemistry of Life Processes
Newer Synthetic Reactions and Reagents
Heterocyclic Chemistry
Proteins and Lipids
Nucleic Acids and Carbohydrates
Medicinal Chemistry
Bioactive Compounds

Honors & Awards

*Jan. 1995 - Oct. 1997	International Fellow, SRI (Stanford Research Institute) International, Menlo Park, CA, USA (on study leave)
July 1985 - Nov. 1985	Research Associate, Department of Chemistry, Lehigh University, Bethelhem, PA, USA.
Oct. 1983 - June 1985	Research Associate, Department of Chemistry, Marquette University, Milwaukee, WI, USA.
Oct. 1982 - Sept. 1983	Post-Doctoral Fellow, Department of Chemistry, University of Alberta, Edmonton, Alberta, Canada
April 1982 - Sept. 1982	Post-Doctoral Fellowship, Department of Chemistry, I.I.T., Kanpur, INDIA
Aug. 1975 - April 1982	Research Fellowship, and Research and Senior Research Assistantships, Department of Chemistry, I.I.T., Kanpur, INDA

December 2003 Prof D P Chakraborty 60th Birthday Anniversary Award

Publications (LAST FIVE YEARS)

List of Publications

70 Kalawati Meena. Sudesh Kumari. Jitender M. Khurana. and Amita Malik, ***Tetrahedron Lett.*** 59, 1493-1496 (2018). "An efficient syntheses of novel indeno[1,2-*b*]chromenone derivatives *via* hetero-Diels-Alder reactions of 2-(arylmethylene)-1*H*-indene-1,3(2H)-diones with enaminones"

69. Gaurav Bartwal, Komal aggarwal and Jitender M. Khurana , ***New J. Chem.,*** 42, 2224-2231 (2018). "An Ampyrone based azo dye as pH-responsive and chemo-reversible colorimetric fluorescent probe for Al^{3+} in semi-aqueous medium: Implication towards logic gate analysis"

68. Harjinder Singh, Rajeshwari M, and J. M. Khurana, ***J. Photochem. Photobio. A: Chemistry***' 353, 424-432 (2018). "Synthesis, photophysical studies and application of novel 2,7-bis(1-butyl-1*H*-1,2,3-triazol-4-yl)methoxy)naphthalene as reversible fluorescent chemosensor for Fe^{3+} ions"

67. Ankita Chaudhary and J. M. Khurana, ***RNIT,*** *44, 1045-1083 (2018).* "Synthetic Routes for Phenazines: An Overview"

66. Gaurav bartwal, Mohit Saroha and Jitender M. Khurana, ***Synthetic Commun.****, 48, 97-103 (2018).* "Nickel boride mediated chemoselective deprotection of 1,1-diacetates to aldehydes and deprotection with concomitant reduction to alcohols at ambient temperature"

65. Kalawati Meena, Jitender M. Khurana and Amita Malik***, J. Hetrocyc. Chem****., 55, 83-90 (2018).* 'One-Pot Synthesis of Hydroxy Pyrazolo[1,2-a][1,2,4]triazoles and their Dehydration using

Recyclable Ionic Liquids as Reaction Media'

64. Bhaskara Nand, Kalawati Meena, Shruti Gupta, J.M. Khurana, Amita Malik, Chetan Sharma and Harsh Panwar, ***Chem. Biol. Lett.,*** 4, 81-90 (2017). "Design and synthesis of novel 2-(3-aryl/alkylamino propoxy)-12-aryl xanthene derivatives as antifungal and antibacterial agents"

63. Mohit, Garima Khanna and Jitender M. Khurana, ***Chemistry Select ,*** 2, 7063-7266 (2017). "Synthesis of novel 5-substituted 6-phenylpyrrolo[2,3-*d*]pyrimidine derivatives*via* one-pot three component reactions under catalyst free condition"

62. Sudesh Kumari and Jitender M. Khurana, ***J. Chem. Sci.,*** 129, 1225-1231 (2017). "An efficient catalyst free synthesis of novel chromeno[4,3-b]quinolines through Michael Initiated Ring Closure (MIRC) reaction with *in situ* generated 3-(arylmethylene)chroman-2,4-diones"

61. Garima Khanna, Pooja Saluja and Jitender M. Khurana, ***Aust. J. Chem***., 64, 1285-1290 (2017.) "A facile and convenient approach for the synthesis of novel sesamol-oxazine and quinoline-oxazine hybrids *via* three component reaction in glacial acetic acid"

60. Shruti Gupta, and Jitender M. Khurana, *Green Chem.*, 19, 4153-4156 (2017*).* "An efficient green approach for the synthesis of novel 5-hydroxy-chromeno[2,3-b]pyridines under catalyst and solvent free conditions"

59. Harjinder Singh, Ashima Singh and J. M. Khurana, ***J. Mol. Struc.,*** 1147, 725-734 (2017). "A combined experimental and theoretical approach for structural, spectroscopic, NLO, NBO, thermal and photophysical studies of new fluorescent 5-amino-1-(7-chloroquinolin-4-yl)-1H-1,2,3-triazole-4-carbonitrile using density functional theory"

58. Jitender Mohan Khurana, Ashima Singh, Harjinder Singh, ***Tetrahedron Lett.,*** 58, 2498-2502 (2017). "Recyclable Zinc (II) ionic liquid catalyzed synthesis of azides by direct azidation of alcohols using trimethylsilylazide at room temperature"

57. Ishani Khurana, Amit Saxena, Bharti, Jitender M. Khurana, and Pramod Kumar Rai, ***Water Air Soil Pollut.***, 228, 180-196 (2017). "Removal of dyes using graphene based composites: A Review"

56. Komal Aggarwal and Jitender M. Khurana,, ***Journal of Luminescence***, 187, 457-465 (2017). "Synthesis and Application of a Novel Indenoquinoline Dione Conjugate as A Dual Fluorescent and Colorimetric pH Sensor"

55. Kalawati Meena, Sudesh Kumari, Jitender M. Khurana, Amita Malik, Chetan Sharma[c] and Harsh Panwar, ***Chinese Chem. Lett.,*** 28, 136-142 (2017) "One pot three component synthesis of spiro [indolo-3,10'-indeno[1,2-*b*] quinolin]-2,4,11'-triones as a new class of antifungal and antimicrobial agents"

54. **J. M. Khurana**, Anshika Lumb and Ankita Chaudhary, ***Monatsch. Chemie,*** 148, 381-386 (2017). "$NaBrO_3$/bmim[HSO_4]: A versatile system for the selective oxidation of 1,2-diols,α-hydroxyketones and alcohols" Impact factor: 1.131.

53. Komal Aggarwal and Jitender M Khurana, ***J. Mol. Struc.,*** 1130, 739-747 (2017). "Synthesis of a novel 5a,10a-dihydroxy-5aH-[1,3]dioxolo[4,5-f] indeno[1,2-b] benzofuran-10(10aH)-one

their XRD, FTIR, NMR and DFT studies"

52. Shruti Gupta, garima Khanna and J. M. Khurana, ***Environ. Chem. Lett***., 14, 559-564 (2016)."A facile eco-friendly approach for the one–pot synthesis of 3,4-dihydro-2*H*-naphtho[2,3-e][1,3]oxazine-5,10-diones using glycerol as agreen media"

51. Garima Khanna, Komal Aggarwal and Jitender M. Khurana, ***Synth Commun***. 46, 1880-1886 (2016). "Efficient catalyst free synthesis of diversified bis (spirooxindoles) *via* one-pot three component reaction"

50. Sudesh Kumari and Jitender M. Khurana, ***Heteroatom Chem***., 27, 396-403 (2016). 'One-pot four component condensation for the synthesis of novel dispirooxindolepyrollidine linked 1,2,3-triazoles via stereo- and regio-selective [3+2] cycloaddition reaction in PEG-400.'

49. Garima Khanna, Pooja Saluja, Jitender M. Khurana, ***Tetrahedron Lett.***, 57, 5852-5855 (2016). "Catalyst free ethylene glycol promoted synthesis of spiro[indene-2,20-naphthalene]-40-carbonitriles and spiro[naphthalene-2,50-pyrimidine]-4-carbonitriles via one-pot three-component reaction"

48. Jayant Sindhu, Harjinder Singh, J. M. Khurana, Jitender Kumar Bhardwaj, Priyanka Saraf and Chetan Sharma, ***Med. Chem. Res.,*** 25, 1813-1830 (2016). "Synthesis and biological evaluation of some functionalized 1H-1,2,3-triazole tethered pyrazolo[3,4-b]pyridin-6(7H)-ones as antimicrobial and apoptosis inducing agents",

47. Harjinder Singh, Garima Khanna **and J. M. Khurana**, ***Tetrahedron Lett.,*** 57, 3075-3080 (2016). "DBU catalyzed metal free synthesis of fused 1,2,3-triazoles through [3+2] cycloaddition of aryl azides with activated cyclic C-H acids".

46. Ankita Chaudhary and **J. M. Khurana**, ***Current Organic Chemistry***, 20, 1314-1344 (2016) "2-Hydroxy-1,4-naphthoquinone: A versatile synthon in organic synthesis".

45. H. Singh, G. Khanna, B. Nand and **J. M. Khurana**, ***Monatsch. Chemie***, 147, 1215-1219, (2016) "Metal free synthesis of 1,2,3-triazoles by azide-aldehyde cycloaddition under ultrasonic irradiation in TSIL [DBU-Bu]OH and in hydrated IL $Bu_4N^+OH^-$ under heating".

44. Sudesh Kumari, Rajeswari M. and **J. M. Khurana**, ***Aust. J. Chem***., 63, 1049-1063 (2016). http://dx.doi.org/10.1071/CH16014 "A green approach for the synthesis of novel 7,11-dihydro-6*h*-chromeno[3,4-*e*]isoxazolo[5,4-*b*]pyridin-6-one derivatives using acidic ionic liquid [bmim]HSO_4^-". Impact factor: 1.427

43. Sudesh Kumari, M. Rajeswari and **J. M. Khurana**, ***Synth. Commun*.,** 46, 387-394 (2016), "$La(OTf)_3$ catalysed, ultrasonic assisted one-pot, three-component and efficient synthesis of substituted spiro[indolo-3,10'-indeno[1,2-*b*]quinolin]-2,4,11'-triones in

PEG-400".

42. M. Rajeswari, Anshika Lumb and **J. M. Khurana,** ***J. Chem. Res.,*** 40, 442-444 (2016)."The Highly Selective Metal-free Oxidation of Sulfides, Tellurides and Phosphines using Sodium bromate in the Presence of Recyclable ionic liquid [bmim]HSO_4 at 80^oC".

41. Shruti Gupta, Pooja Saluja and **Jitender M. Khurana,** ***Tetrahedron,*** 72, 3986-3993 (2016). "DBU mediated confluent approach for the one pot synthesis of novel 5-hydroxy pyrazolo[1,2-*a*][1,2,4] triazoles and their dehydration to novel pyrazolo[1,2-a][1,2,4]triazole derivatives**"**

40. Sudesh Kumari, Harjinder Singh and **Jitender M. Khurana**, ***Tetrahedron Lett.,*** 57, 3081-3085 (2016). "An efficient green approach for the synthesis of novel triazolyl spirocyclic oxindole derivatives *via* one-pot five component protocol using DBU as catalyst in PEG-400"

39. Rajeswari M., Sudesh Kumari and **Jitender M. Khurana**, ***RSc Advances*** **6,** 9297-9303 (2016). "One-pot four-component domino strategy for the synthesis of novel spirooxindole pyrrolizine linked 1,2,3-triazoles *via* stereo- and regioselective 1,3-dipolar cycloaddition reaction in acidic medium"

38. **J. M. Khurana,** Devanshi Magoo and kiran Dawra**,** ***Monatsch. Chemie,*** *147, 1113-1116 (2016).* "Nickel boride mediated cleavage of 1,3-oxathiolanes – A convenient approach to deprotection and reduction"

37. Rajeshwari M., Pooja Saluja and **J. M. Khurana**, ***RSc Advances***, 6, 1307-1312, 2016. "A facile and green approach for the synthesis of spiro[naphthalene-2,5'-pyrimidine]-4-carbonitrile via one-pot three-component condensation reaction using DBU as catalyst"

36. B. Nand, A. Chaudhary, A. Lumb and **J. M. Khurana**, ***Cogent Chemistry,*** 1:1071227 (2015). Synthesis and characterization of hybrid chloroquinoline–xanthene derivatives

35. H. Singh, J. Sindhu, and **J. M. Khurana**, ***Journal of Luminescence*** 158, 340-350 (2015)**.** "synthesis and photophysical properties of novel chloroquinoline based chalconederivatescontaining1,2,3-triazolemoiety"

34. K. Aggarwal and **J. M. Khurana,** ***Journal of Luminescence*** 167, 146-155 (2015)**.** "Phenazine containing indeno-furan based colorimetric and "On-Off" fluorescent sensor for the detection of Cu^{2+} and Pb^{2+} "

33. S. Kumari, J. Sindhu and **J. M. Khurana**, ***Synth. Commun.,*** 45, 1101-1113 (2015). "An efficient green approach for the synthesis of spiro[indoline-3,4′-pyrazolo[3,4-b]quinoline]diones using [NMP]H_2PO_4 and their photophysical studies"

32. Rajeswari M., G. Khanna, A. Chaudhary and **J. M. Khurana**, ***Synth. Commun.,*** 45, 1426-1432 (2015). "Multicomponent domino process for the synthesis of some novel benzo[*a*]chromeno phenazine fused ring systems using h_2so_4, phosphotungstic acid and

[nmp]H_2PO_4"

31. Garima Khanna, K. Aggarwal and J. M. Khurana, ***RSC Advances***, 5, 46448-46454 (2015)."an efficient and confluent approach for the synthesis of novel-3,4-dihydro-2*h*-naphtho[2,3-*e*][1,3]oxazine-5,10-dione derivatives by a three component reaction in ionic liquid"

30. Sneha Yadav and **J. M. Khurana**, ***Chin. J. Catal,*** 36, 1042-1046 (2015). "*Cinnamomum tamala* leaf extract mediated green synthesis of silver nanoparticles: competent catalyst for the synthesis of pyranopyrazole"

29. B. Nand, G. Khanna, A. Chaudhary, A. Lumb and J. M. Khurana, ***Curr. Org. Chem.,*** 19, 790-812 (2015). "1,8-Diazabicyclo[5.4.0]undec-7-ene (DBU): A versatile catalyst in organic synthesis"

28. M. Rajeshwari and J. M. Khurana, ***RSC Advances***, 5, 39686 – 39691 (2015). "An efficient, green synthesis of novel regioselective and stereoselective indan-1,3-diones grafted spirooxindolopyrrolizidines linked 1,2,3-triazoles *via* one-pot five-component using PEG-400"

27. **J. M. Khurana**, K. Dawra and P. Sharma, ***RSC Advances*** 5, 12048-12051, (2015)**.** "Chemoselective deprotection and deprotection with concomitant reduction on 1,3-dioxolanes, acetals and ketals using nickel boride"

26. H. Singh, J. Sindhu and **J. M. Khurana**, ***Optical Materials,*** 42, 449-457 (2015). "Synthesis of novel fluorescence xanthene-aminoquinoline conjugates, determination of dipole moment and selective fluorescence chemosensor for th^{+4} ions"

25. K. Aggarwal and **J. M. Khurana**, ***J. Photochem. Photobio, A: Chemistry,*** 307-308, 23-29 (2015). "Indeno-furan based colorimetric and on-off fluorescent pH sensors"

24. K. Aggarwal and **J. M. Khurana**, ***Spectrochimica Acta Part A: Molecular and biomolecular spectroscopy,*** 143, 288-297 (2015). "Synthesis, photophysical studies, solvatochromic analysis and tddft calculations of diazaspiro compounds"

23. G. Khanna, A. Chaudhary and **J. M. Khurana**, ***Tetrahedron Lett.***, 55, 6652-6654 **(2014).** "An efficient catalyst free synthesis of novel benzo[*a*][1,3]oxazino[6,5-*c*]phenazine derivatives *via* one pot four component domino protocol in water"

22. A. Lumb, Rajeswari M. And **J. M. Khurana**, ***RSC advances,*** 4, 47677-47689 (2014). "A simple, mild and environmentally benign procedure for the cleavage of carbon-nitrogen double bonds using $nabro_3$ in the presence of [bmim]HSO_4.

21. K. Aggarwal and **J. M. Khurana**, ***J. Mol. Stru.,*** 1079, 21–34 (2015). "x-Ray diffraction, spectroscopic characterization and quantum chemical calculations by dft and hf of

novel2-hydroxy-12-(4-hydroxyphenyl)-9,9-dimethyl-9,10-dihydro-8*H*-benzo[*a*]xanthene-11-one"

20. J. Sindhu, H. Singh, **J. M. Khurana**, C. Sharma, K. R. Aneja, "***Chinese Chem. Lett.,*** 26, 50-54 **(2015).** "Multicomponent Domino process for the synthesis of some novel (Z)-5-(arylidene)-3-((1-aryl-1*H*-1,2,3-triazol-4-yl)methyl)thiazolidine-2,4-diones using peg-400 as an efficient and green media and their antimicrobial evaluation"

19. J. Sindhu, H. Singh and **J. M. Khurana,** ***Synth. Commun.,*** **45,** 202-210 (2015). "Efficient synthesis of spiro[diindenopyridine-indoline]triones catalysed by pegoso$_3$h-h$_2$o and [nmp]H_2PO_4"

18. J. M. Khurana, B. M. Kandpal, P. Sharma and M. Gupta, ***Monatsh. Chem.,*** 146, 187-190 **(**2015). A novel method of reduction of C=N group in hydrazones, phenylhydrazones, azines and tosyl hydrazones with mg-methanol"

17. H. Singh, S. Kumari, **J. M. Khurana**, ***Chinese Chem. Lett.,*** 25, 1336-1340 (2014). "A new green approach for the synthesis of 12-aryl-8,9,10,12-tetrahydrobenzo[*a*]xanthene-11-one derivatives using task specific acidic ionic liquid [nmp]H_2PO_4"

16. Sneha, **J. M. Khurana**, C. Sharma, K. R. Aneja, ***Med. Chem. Res.,*** 23, 4595–4606 (2014). "Chemoselective n-benzylation of 2-thiohydantoins and 2-thiobarbituric acids catalyzed by peg-stabilized ni nanoparticles and their antimicrobial activities"

15. P. Saluja, A. Chaudhary, **J. M. Khurana**, ***Tetrahedron lett.,*** 55, 3431-3435 (2014). "Synthesis of novel fluorescent benzo[*a*]pyrano[2,3-*c*]phenazine and benzo[*a*]chromeno [2,3-*c*]phenazine derivatives *via* facile four-component domino protocol",

14. A. Chaudhary, P. Saluja, K. Aggarwal and **J. M. Khurana**, ***J. Ind. Chem. Soc.,*** 91, 1393-1398 (2014). "Applications of acidic and basic TSIL in multicomponent reactions"

13. P. Saluja, **J. M. Khurana**, N. kumar and P. Roy, ***RSC advances***, 4, 34594-34603 (2014). "Task-specific ionic liquid catalyzed synthesis of novel naphthoquinone-urazole hybrids and evaluation of their antioxidant and *in vitro* anticancer activity"

12. K. Aggarwal, K. Vij and **J. M. Khurana**, *RSC* ***advances,*** 4, 13313-13321 (2014)**.** "An efficient catalyst free synthesis of nitrogen containing spiro heterocycles *via* [5 + 1] double michael addition reaction"

11. H. Singh, B. Nand, J. Sindhu, **J. M. Khurana**, C. Sharma, K. R. Aneja, ***J. Braz. Chem. Soc.,*** 7, 1178-1193 (2014)**.** "Efficient one pot synthesis of xanthene-triazole-quinoline/phenyl conjugates and evaluation of their antimicrobial activity"

10. **J. M. Khurana,** B. Nand and P. Saluja, ***J. Heterocyclic Chem***. 51, 618–624 (2014). "DBU: A highly efficient catalyst for one-pot synthesis of substituted tetrahydo-4*H*-chromenes, tetrahydro[*b*]pyrans, pyrano[*d*]pyrimidines and 4*h*-pyrans in aqueous

medium"

9. **J. M. Khurana**, A. Lumb, A. Chaudhary and B. Nand, ***J. Heterocyclic Chem.***, doi 10.1002/jhet 1871 (2014**).** "Acid catalyzed efficient syntheses of aryl-5h-dibenzo[b,i]xanthene-5,7,12,14-(13h)-tetraones, 3,3-(arylmethylene)bis(2-hydroxynaphthalene-1,4-diones) and *in vitro* evaluation of their antioxidant activity"

8. H. Singh, J. Sandhu, **J. M. Khurana**, C. Sharma and K. R. Aneja, ***Eur. J. Med. Chem.*** 77, 145-154 (2014). "Ultrasound promoted one pot synthesis of novel fluorescent triazolyl spirocyclic oxindoles using DBU based task specific ionic liquids and their antimicrobial activity"

7. P. Saluja, **J. M. Khurana**, C. Sharma and K. R. Aneja, ***Aust. J. Chem.*** 67, 867-874 (2014). "An efficient and convenient approach for the synthesis of novel pyrazolo[1,2-*a*]triazole-triones and evaluation of their anti-microbial activities"

6. J. Sindhu, H. Singh and **J. M. Khurana**, ***Mol. Diversity,*** 18, 345-355 (2014). "A green, multicomponent, regio- and stereoselective 1,3-dipolar cycloaddition, of azides and azomethine ylides generated *in situ* with bifunctional dipolarophiles using, PEG-400"

5. H. Singh, J. Sindhu, **J. M. Khurana**, ***Sens. Actuat. B: Chemical*** 192, 536-542 (2014). Determination of dipole moment, solvatochromic studies and application as turn off fluorescence chemosensor of new 3-(4-(dimethylamino)phenyl)-1-(5-methyl-1-(naphthalen-1-yl)-1h-1,2,3-triazol-4-yl)prop-2-en-1-on.

4. H. Singh, J. Sandhu, J**. M. Khurana**, C. Sharma, K. R. Aneja, ***rsc Advances*** 4, 5915-5926 (2014). "Synthesis, biological evaluation and photophysical studies of novel 1,2,3-triazole linked azo dyes"

3. V. Sharma, **J. M. Khurana** and K. Muralidhar, *Proc. Indian Natn Sci. Acad.* 79, 1-6, 2013. "Spectrophotometric determination of urea in urine samples by using bispyrazolone method"

2. K. Aggarwal, **J. M. Khurana**, ***J. Photochem. and Photobio. A:Chem.***, 276, 71-82 (2013). "Effect of hydroxyl group on the photophysical properties of benzo[a]xanthenes - solvatachromic studies and estimation of dipole moment"

1. P. Saluja, D. Magoo, J. M. Khurana, ***Synth. Commun.***, 44, 800-806 (2014). "Lanthanum triflate catalyzed rapid oxidation of secondary alcohols using hydrogen peroxide urea adduct (UHP) in ionic liquid"

Public Service / University Service / Consulting Activity

Administrative/Academic Duties

Dean, Students Welfare March 2011 to date
Provost, International Students House (June. 2005 – February 2016)
Warden, International Students House (Nov. 2000 – Oct. 2004)
Member, Governing Body, Shivaji College, July 2003-June 2005
Member, Governing Body, Moti Lal Nehru College, July 2003-June 2005
Member, Governing Body, Maulana Azad Medical College, Oct.2003- 2005
Member, Undergraduate Committee of Courses, M. D. University, Rohtak,

Member, Post-graduate Committee of Courses, Kurukshetra University, Kurukshetra (2003-2005)
Member, Board of Research Studies, Jammu University, Jammu (2003 – 2006)
Chief Returning Officer, DUSU Elections, 2008-2009, 2009-2010, 2010-2011.
Member, Board of Research Studies, Himachal Pradesh University, Shimla (2008 – 2010)
Member, Board of Research Studies, Ch. Charan Singh University, Meerut (2008 – 2011)
Member, Departmental Research Committee, M D University, Rohtak (2008 – 2010)
Member, Governing Body, Deshbandhu College, August 2009-August 2011
Member, Selection Committee for JRF's /Project Assistants, Deptt. of Chemistry, DU 2009-2010
Subject Expert, Faculty of Applied Sciences, GNDU, 01.072010---30.06.2012
Chairman, Central Pool Grievance Committee (Non-academic staff, Central pool) March 2010-
Coordinator, Team of Observers, Annual Examinations, University of Delhi-2010
Member, Advisory Committee, DUSU Elections, 2010-2011
External Expert, Doctoral Committee, Ph. D. Programme in Chemistry, IGNOU, 2010
Member, DRC, Department of Pharmacy, university of Delhi, Aug. 2010-2012

Professional Societies Memberships

Life member, Chemical Research Society of India
Life member, Indian Chemical Society
Life member, National Science Congress Association
Life member, Indian Council of Chemists

Projects (Major Grants / Collaborations)

Current research Grant

"One Time Research Grants" University of Delhi
"DST Purse Grant"