

FACULTY PROFILE



1	Name	Dr. RAGHAVENDRA KUMAR P.		
2	Present Designation	ASSISTANT PROFESSOR		
3	Department	CHEMISTRY		
4	Date of Birth	30-07-1972		
5	Date of entry into service in Tumkur University	19-05-2010		
6	Date of entry into the Present Designation	19-05-2010		
7	Residential Address	C/O Jagadeesh, Adarsh Nagar, 1 st Main, 1 st Cross, Mylaralingeshwara Nilaya, Tumkur, 572 103		
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10	PAN No.	ALKPR4917L		
11	Aadhar Card Id No.	645320819425		
12	Passport No.	F6175208		
13	Academic Qualification			
	Degree	University		Year of Award
a	Post Graduate Degree	GULBARGA UNIVERSITY		1994
b	M.Phil.	--		--
c	Ph.D.	Indian Institute of Technology - Delhi		2006
	Ph.D. Topic:	Hybrid Ligands of (Te, N), (Te, N _x , O _y), (Te, N, S) and (O, N, S/P) type: Designing, Metal Complexes and Applications in Organic Synthesis		
	Guided By:	Prof. Ajai K Singh, IIT Delhi		
14	NET – Year of Passing	JUN-2000 and DEC-2000		
15	SLET/KSET – Year of Passing	--		
16	Area of Research Specialization	Organometallics, Solar Cells, Nano Catalysis and Process Organic Chemistry		
17	Teaching Experience	10 Years		
	Designation	From	To	Place
	Assistant Professor	19-05-2010	Till date	UCS, Tumkur University
	PGT in Chemistry	04-07-1999	30-10-2001	Bhavan's Sawan Public School, New Delhi
	TGT in Chemistry	01-07-1996	30-06-1999	Bhavan's Vidyalaya, CCI TownShip, Kurkunta, Sedam, Gulbarga
18	Administrative Experience			
	Designation	From	To	Place
1	NSS Program Officer	June 2010	Aug. 2013	UCS, Tumkur University
2	Dy. Manager R&D	Jan. 2008	May 2010	Megafine Pharma Pvt. Ltd., Nasik
3	Research Scientist	Aug. 2006	Jan. 2008	Drug Discovery-Medicinal Chemistry Jubilant Biosys Ltd., Bangalore
4	House Master	04-07-1999	30-10-2001	Bhavan's Sawan Public School, New Delhi

19	Research Guidance		
A	Ph.D.	2	
	Name of Student	Thesis	Year
B	M.Phil.		
	Name of Student	Thesis	Year

20	Papers Presented/ Lecturers Delivered/ Sessions Chaired in Conference and Symposia (International)	(Tick below)		
	Details	Paper Presented	Lecture Delivered	Session Chaired
	9 th International Conference on Chemistry of Selenium and Tellurium (ICCST-IX), held at IIT Bombay Feb 23-27. (Poster Presentation)	√		
21	Papers Presented/ Lecturers Delivered/ Sessions Chaired in Conference and Symposia (National)	(Tick below)		
	Details	Paper Presented	Lecture Delivered	Session Chaired
1	3 rd National Symposium and Conference on Solid State Chemistry and Allied Areas, held at IIT Delhi, Dec 4-6 2003. (Poster Presentation)	√		
2	10 th Symposium on Modern Trends in Inorganic Chemistry (MTIC- X), held at IIT Bombay, Dec 15-17, 2003. (Poster Presentation)	√		
3	11 th Symposium on Modern Trends in Inorganic Chemistry (MTIC- XI), held at IIT Delhi, Dec 08-10, 2005. (Poster and Oral presentation).		√	
4	National Seminar on a Role of Chemistry in Emerging Areas of Biology and Industry, held at S K University, Anantapur, AP, India, between Mar, 24-25, 2006 (Poster and Oral Presentation).		√	
5	National Conference on Advances in Nanoscience and technology, in KNOWLEDGE UTSTAV 2010, a national level conference held at Jain University, Bangalore on 28 th Aug. 2010. Organized by KSHEC, Bangalore on 31 st May 2011.	√		
6	SUMMER SCHOOL ON NANOMATERIALS AND THEIR APPLICATIONS IN CHEMICAL SCIENCES, Participated and chaired the session organised by Chemical Society, Dept. of Chemistry, University College of Science, Tumkur University Tumkur on 19 TH April 2011 , Tumkur University.			√
7	Tellurium: Applications in chemistry and Physics by Chemical Society, Dept. of Chemistry, University College of Science, Tumkur University, Tumkur on 2011 .		√	
8	Food Science and technology conference organised by centre for Nanoscience Research, tumkur University Tumkur and KSHEC, BANGALORE, 15 TH DEC. 2011	Participated/Attended		
9	VEDANTHA: "A HOLISTIC APPROACH" organised by Tumkur University, Tumkur and Vedantha Bharathi, Mysore during 26-28, Dec. 2011	Participated/Attended		
10	SOCIAL RELEVENCE OF NANOMATERIALS AND ITS APPLICATIONS organized by KSHEC, Bangalore and Tumkur University, Tumkur at BANGALORE, 31 ST DEC. 2011 .	Participated/Attended		

11	Participated as Resource person in coaching classes for Entry in Service Cell sponsored by UGC New Delhi under XI plan from January 2012 to March 2012.			√		
22	Books					
	Chapters	√				
	Details					
	Comprehensive chemistry: Text book of chemistry for Class XII students of CBSE, By lakshmi publications, Daryaganj, New Delhi					
23	Research Publications in Refereed Journals	14				
	Details					
	Title of the paper	Year	Authors	Journal name	Vol., Iss., PP	Impact factor
1	Tellurated Schiff bases formed by 2-(4-methoxyphenyltelluro)ethyl amine and bis(2-aminoethyl) telluride with <i>o</i> -hydroxyacetophenone: synthesis and complexation reactions with Hg(II), Pd(II) and Ru(II). crystal structures of the ligands, [Ru(<i>p</i> -cymene)Cl{H ₂ NCH ₂ CH ₂ TeC ₆ H ₄ -4-OCH ₃ }]Cl.H ₂ O and [RuCl{4-MeOC ₆ H ₄ TeCH ₂ CH ₂ NHCH(CH ₃)C ₆ H ₄ -2-O-}]	2004	Raghavendra Kumar P, A. K. Singh, R. J. Butcher, P. Sharma, R. A. Toscano,	<i>Eur. J. Inorg. Chem,</i>	2004, 5, 1107.	3.056
2	First structurally characterized complex of an acyclic tellurated Schiff base [4-MeOC ₆ H ₄ TeCH ₂ CH ₂ N=C(CH ₃)C ₆ H ₄ -2-OH (L ¹ H)] having metal–tellurium bond; synthesis and crystal structure of [PdCl(L ¹)]	2004	Raghavendra Kumar P, A. K. Singh, J. E. Drake, M.B. Hursthouse and M.E. Light,	<i>Inorg. Chem. Comm.,</i>	7, 4, 502.	1.99
3	Organotellurium Ligands & Their Metal Complexes: Recent Developments”	2005	Raghavendra Kumar P, G. Singh, S. Bali, A. K. Singh,	<i>Phosphorus, Sulfur, Silicon,</i>	180, 3-4, 2005, 903-911.	1.00
4	Synthesis and single crystal structural investigations on quaternary salts of tellurated alkylamine derivatives	2006	Raghavendra Kumar P, S. Upreti, Ajai K Singh,	<i>Inorg. Chimica. Acta.</i>	359, 14, 4619-4626.	1.986
5	Tellurium-Chlorine Secondary Interactions in Palladium(II) Complex of MeOC ₆ H ₄ TeCH ₂ CH ₂ NHCH(CH ₃)C ₆ H ₄ -2-OH Resulting in self-assembled Bimolecular Aggregates with Short Palladium-Palladium Distances.	2007	Raghavendra Kumar P, A.K. Singh, J.E. Drake, M. B.Hursthouse, M.E. Light,	<i>Struct. Chem.</i>	18, 203-207	1.00
6	Synthesis and single crystal structures of first examples of tridentate ligands of (Te, N, S) type and their complexes with palladium(II), platinum(II) and ruthenium(II).	2008	Raghavendra Kumar P, S. Upreti, Ajai K Singh	<i>Inorg. Chimica. Acta.</i>	361, 1426-1436	1.986
7	Schiff bases functionalized with PPh ₂ and SPh groups and their Ni(II) and	2008	Raghavendra Kumar P, Shailesh	<i>Polyhedron</i>	27, 1610-	2.118

	Pd(II) complexes: Synthesis, crystal structures and applications of a Pd complex for Suzuki–Miyaura Coupling.		Upreti, Ajai K Singh,		1622,	
8	Original GC–FID Determination of Non-Chromophoric Impurities in Quetiapine: An Antipsychotic Drug.	2010	R.K. Panchangam, V T. Mathad, S.R. Bembalkar etal	<i>Chromatographia</i>	71, 11-12, 1055-61	
9	Efficient Synthesis and Practical Resolution of 1-(Naphthyl en-1yl)ethanamine, a key intermediate for cinalcalcet.	2011	Raghavendra Kumar P, V T Mathad and others	<i>Syn. Commn.</i>	41: 341–346,	1.20
10	Synthesis, Characterization And Antimicrobial Studies Of Cu(II), Pd(II), Fe(III) And Mn(II) Complexes Of Tetradentate N4 Ligand.	2013	Krishna Murthy.P, N.Venkatasubba Naidu, P. Raghavendra Kumar	<i>Int. J. Pharm. Bio Sci.,</i>	4, 2, pp	1.00
11	Synthesis, Characterization And Biological Activity Of Transition Metal Complexes Of 1,4-Bis(1-Naphthylmethyl) Piperazine	2013	Krishna Murthy Potla1, N. Venkatasubba Naidu & P. Ragavendrakumar	<i>Int. J. Bio. Tech. Res. (IJBTR)</i>	3, 1, 91-100	2.653
12	A New Method for the Preparation of Solifenacin and New Intermediate Thereof.	2010	V. T. Mathad, Kumar, P., Raghavendra	Patent	WO/2010/103529 A1	
13	A New Method for the Preparation of Cinacalcet and New Intermediates Thereof.	2010	V. T. Mathad, Kumar, P., Raghavendra, B. L. Shashikant,	Patent	WO/2010/103531 A2	
14	A New Method for the Preparation of Cinacalcet and New Intermediates Thereof.	2012	V. T. Mathad, Kumar, P., Raghavendra, B. L. Shashikant	Patent	Submitted	
13	Research Projects					
A	On going					
	Title of Project		Funding Agency		Duration	Amount Sanctioned
1	Design, Synthesis and Coordination Chemistry of New, Chiral, Hemilabile Ligands.		DST-SERC No. SR/S1/IC-76/2010(G)		2011-14	36.05
2	Pd Nanoparticles (Pd NPs) Protected by Lignin: Synthesis, Characterization and Applications for C-C Coupling Reactions in Organic Synthesis.		UGC-MINOR No.MRP(S)-1045/11-12/ KABA019/UGC-SWRO		2012-14	01.50
3	Heterogeneous magnetically separable nanocatalysts: Synthesis and applications of Pd(II) and Ru(II) complexes in organic Synthesis.		CSIR No.01(2701)/12/EMR-II		2012-15	22.00
4	“Molecular Engineering of New Hybrid Organic-Inorganic Sensitizers for Applications in Dye Sensitized Solar Cells”		DST-SEER / SOLAR MISSION DST/TMC/SERI/2K12/39		2013-16	72.62

B	Completed			
5	Title of Project	Funding Agency	Duration	Amount Sanctioned
	Coir composites: Preparation by eco-friendly methods and Applications.	DST & NSTEDB (IEDC) No.TU:DEV-01:01:2010-11/3059	2010-11	01.00
25	Membership of Professional Organizations			
	State level			
	1. Member of RED RIBBON CLUB (RRC), KARNATAKA STATE AIDS PREVENTION SOCIETY (KSAPS), Bangalore			
	Regional Level			
	1. Member of Chemical society, University college of science, Tumkur university, Tumkur			
	2. Member and Joint Secretary of chemistry teacher's forum, Tumkur University, Tumkur.			
	National Level			
	1. Life member Indian Chemical Society, Bangalore			
	2. Life member Indian Science Congress Association, Kolkata, Life membership No. is L19372.			
	3. Life member Indian Counsel of Chemists, Agra, and Life Fellow No. is 1572.			
26	Official Foreign Visits			
	Three days training on UPLC / LCMS-MS SEPERATION and Method development; WATERS India Ltd., Singapore; Mar. 29-31, 2010			