



Prof. K.B. Chandra Sekhar

M.Sc.,M. Phil., Ph.D

Professor of Chemistry & Director,

Foreign affairs & Alumni matters,

JAWAHARLAL NEHRU TECHNOLOGICAL  
UNIVERSITY ANANTAPUR, ANANTHAPURAMU

## Bio-data

Name : Prof. K.B. Chandra Sekhar  
Parents : (Late) Shri T.Arjun Naik  
Smt. T.Tulasi Bai  
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E-mail : chandrasekhar66kb@gmail.com  
Nationality : Indian  
Religion : Hindu  
Date of Birth & Place of Birth : 1<sup>st</sup> January, 1965 & Ananthapuramu

### Educational Qualifications:

<b>Degree</b>	<b>Institute/University</b>	<b>Year of passing</b>	<b>Class/ Division</b>	<b>Optional Subjects taken/ Specialization</b>
<b>S.S.C.</b>	Board of Secondary Education, Hyderabad	1980	II 51.4%	Telugu,English,Maths, Science,Social,Hindi
<b>Intermediate</b>	Board of Intermediate Education,Hyderabad	1982	54.4%	Biology,Physics,Chemistry,English,Telugu
<b>B.Sc.</b>	SV University, Tirupati	1986	II 58.7%	Chemistry, Physics, Zoology
<b>M.Sc.</b>	S.K.University, Anantapur	1988	I 63.5%	Chemistry (Analytical Chemistry)
<b>M.Phil.</b>	S.K.University, Anantapur	1994	I 61.0%	Chemistry (Inorganic) “Studies on Mixed ligand complexes of Biological Importance”
<b>Ph.D.</b>	S.K.University, Anantapur	2000 march		Chemistry (Analytical) “Studies in the Chemistry of Metal Pollutants”

### Details of Doctoral thesis:

**Area** : Ananalytical Chemistry  
**Title** : “Studies in the Chemistry of Metal Pollutants”  
**Supervisor** : Professor K.Hussain Reddy,  
S.K.University, Anantapur.  
**Year of award of Ph.D** : 2000

### Professional Experience

<b>Designation</b>	<b>Employer</b>	<b>Period</b>	<b>Months/Years</b>
Clerk	Canara Bank, Dharmavaram	1988-1990	2 Years
Senior Research Assistant	Central Silk Board, Madanapalli	20-10-90 to 01-01-1991	2 Months
Assistant Professor	Registrar, JNTUniversity, Hyderabad	10-01-1991 to 10-01-1996	5 Years

Assistant Professor(Senior Scale)	Registrar,J.N.T.U.University, Hyderabad	10-01-1996 to 02-03-2000	4 Year 2 Months
Assistant Professor (Selection grade)	Registrar,J.N.T.U.University, Hyderabad	03-03-2000 to 12-11-2000	8 Months 11 days
Associate Professor	Registrar, JNTUniversity, Anantapur	13-11-2000 to 02-03-2008	7 Years, 3 Months, 13 days
Professor	Registrar, JNT University Anantapur	03.03.2008	Till date

**Administrative Experience :**

<b>S. No.</b>	<b>Name of the post held</b>	<b>Organization / Institute</b>	<b>Experience</b>
1	<b>Head, Dept. of Chemistry</b>	JNTU College of Engineering, Anantapur.	From 2001 to 31.8.2008 (7 Y, 6 M)
2	<b>I/C Head, Dept. of Physics</b>	JNTU College of Engineering, Anantapur.	From 7.01.05 to 31.8.2008 (3 Y, 8 M)
3	<b>Deputy warden</b>	JNTU College of Engineering, Anantapur.	2 years
4	<b>Officer Incharge SC/ST And BC Book bank</b>	JNTU College of Engineering, Anantapur.	3 years
5	<b>Controller of Examinations i/c</b>	JNT University Anantapur, Anantapur	1.9.2008 to 8-9-2010 (2Y,8 DAYS)
6	<b>Director of Evaluation i/c</b>	JNT University Anantapur, Anantapur	From 09-09-2010 to 20.09.2012 (2 Y,11 DAYS)
7	<b>Director, Research&amp;Development</b>	JNT University Anantapur, Anantapur	From 20.09.2012 to 16.11.2014 (2 Y,1 M, 26 DAYS)
8	<b>Coordinator, SC/ST Cell</b>	JNT University Anantapur, Anantapur	JAN 2013
9	<b>Coordinator INFLIBNET(UGC)</b>	JNT University Anantapur, Anantapur	April 2013to 16.11.2014

10	<b>Director- Oil Technological &amp;Pharmaceutical Research Institute</b>	JNT University Anantapur, Anantapur Oil Technological and Pharmaceutical Research Institute, Ananthapuramu	From 17.11.2014 to 28.03.2018. <b>3years 4 months 12days</b>
11	<b>Director- Foreign affairs&amp;Alumni matters</b>	JNT University Anantapur, Anantapur	From <b>29.03.2018</b> to Tilldate.

#### Achievements as Head of the Department :

- ❖ Active role in implementation of TEQIP project in the Department
- ❖ Developed analytical Research Lab
- ❖ Improvement in the ambience of the department
- ❖ Networking with the faculty of higher learning institutes
- ❖ Modernization of Chemical Laboratories
- ❖ Revision of UG & PG syllabi as Chairman – BoS for autonomous institute

#### Achievements as Director of Evaluation:

- ❖ Implementation of EDEP system in examinations.
- ❖ Final year results processed in less than one month.
- ❖ Identification of Spot Valuation Centers for successful evaluation.
- ❖ Issued certificates in due course of time.

#### Achievements as Director (R&D):

- ❖ Developed the Guidelines for R & D students admitted from.2012-13 onwards
- ❖ Introduced Anti-Plagiarism check (Turnit-in) for improving the quality of thesis
- ❖ Research Review committee meetings to review the research of the students
- ❖ Thesis uploaded in shodganga
- ❖ Streamlined the procedures of the Directorate
- ❖ Introduced Pre PhD classes for research scholars

#### Achievements as **Director-JNTUA-Oil Technological &Pharmaceutical Research Institute:**

- ❖ Developed Medicinal Garden for B.Pharmacy
- ❖ Developed Pharmacognosy, Pharmacology, Pharmaceutics Labs
- ❖ Developed central Instrumentation Lab.
- ❖ Gym and Open Air Auditorium were established
- ❖ Established Training and placement cell.
- ❖ Organised 2 Workshops and 3 conferences/seminars

- ❖ Arranged guest lectures for UG & PG courses of pharmacy
- ❖ CCTV and Biometric attendance were introduced in the campus
- ❖ 19 faculty positions were sanctioned from university
- ❖ 2 PCI inspections held during the tenure

**Other Achievements :**

- ❖ Accorded the prestigious “Best Teacher” award in 2012 by the Govt. of Andhra Pradesh.
- ❖ Honoured with “Research Excellence” award for his vast knowledge in the area of chemical and pharmaceutical research at Indo Global Education Summit and expo 2017 held at banglore organized by The Indus Foundation.
- ❖ Received the best research paper award by India Drugs Association-2005.

**Teaching Experience: 28** years to teach UG & PG Courses

**Subjects Taught:**

Undergraduate courses	Post graduate courses
<ul style="list-style-type: none"> <li>❖ Engineering Chemistry – Theory and Chemistry Lab.</li> <li>❖ Physical Chemistry –Theory and Laboratory</li> <li>❖ Organic Chemistry – Theory and Laboratory</li> </ul>	<ul style="list-style-type: none"> <li>❖ Inorganic Theory</li> <li>❖ Analytical Chemistry-Theory</li> </ul>

**Invited Lectures:**

- ❖ More than 5 invited lectures are delivered in reputed institutions.

**Research Experience and Guidance provided:**

Total research experience : 25 years

- ❖ Guided 70 PhD and 1 M.Phil theses
- ❖ Presently, supervising 12 Research scholars for their Ph. D.

**Number of Research publications:**

International Journals : 251  
 National Journals : 120  
 International Conferences : 22  
 National Conferences : 38

**Performance Indices of Publications : (as on 28<sup>th</sup> April, 2018)**

Total Citations : 1431  
 h -Index . : 19  
 i-10 Index : 45

### Other Details:

- ❖ Approved Supervisor to supervise the Research scholars admitted in JNTUKakinada.

### Details of Ph. Ds' Awarded

<b>S. No.</b>	<b>Name of the Candidate</b>	<b>Name of the Degree</b>	<b>Title of the thesis</b>	<b>Year and Month awarded</b>
1.	N. Devanna (Chemistry)	<b>Ph.D</b>	A study of analytical application of metal complexes in solution by spectrophotometric studies	<i>Dec, 2004</i>
2.	B. Mallikarjuna Rao (Chemistry)	<b>Ph.D</b>	Stability indicating analytical methods for different classes of active pharmaceutical ingredients and other dosage forms	<i>Jan, 2007</i>
3.	M. Kameshwara Srinivas (Chemistry)	<b>Ph.D</b>	Impurity profiling and enantiomeric resolution of chiral pharmaceutical compounds by high performance liquid chromatography	<i>May, 2007</i>
4.	U. Sessa Chalam (Chemistry)	<b>Ph.D</b>	New HPLC method for pharmaceutical quality control of some antiretroviral drugs substances	<i>July, 2007</i>
5.	S. Anand Kumar Varma (Chemistry)	<b>M.Phil</b>	Quality assessment of potable water in Rajampeta and surrounding areas	<i>July, 2007</i>
6.	V. Kiran kumar (Chemistry)	<b>Ph.D</b>	Derivative spectrophotometric determination of transition metal ions by using new organic reagents	<i>Mar, 2008</i>
7.	G. Narender Reddy (Chemistry)	<b>Ph.D</b>	Studies in the chemistry of metal complexes in solution state	<i>July, 2008</i>
8.	M. Rameswara Rao (Chemistry)	<b>Ph.D</b>	Synthesis and characterization of new organic reagents and spectrophotometric determination of metal ions.	<i>May, 2009</i>
9.	P. Madhavan	<b>Ph.D</b>	A Novel validated HPLC methods for	<i>Sept, 2009</i>

	<b>(Chemistry)</b>		chemical and enantiomeric separation of B-AMINOACIDS	
10.	M. Mahesh Kumar <b>(Chemistry)</b>	<b>Ph.D</b>	Impurity Profiling, Chiral Analysis, UHPLC Method Development and Validation of Pharmaceutical Compounds	<i>Feb, 2011</i>
11.	K. Balakrishnan <b>(Pharmacy)</b>	<b>Ph.D</b>	Pharmacognostic Evaluation and Hepatoprotective Activity of Some Natural Herbs	<i>Jan, 2011</i>
12.	K. Gnanaprakash <b>(Pharmacy)</b>	<b>Ph.D</b>	Formulation and Evaluation of Floating Drug Delivery System of Anti Ulcer Drugs	<i>Feb, 2011</i>
13.	D. Madhuri <b>(Pharmacy)</b>	<b>Ph.D</b>	Direct and Derivative spectrophotometric determination of certain Pharmaceutical Drugs	<i>June, 2011</i>
14.	M. Lalitha Devi <b>(Chemistry)</b>	<b>Ph.D</b>	Development and Validation of new HPCL methods for the Quality control testing of some of the Active pharmaceutical ingredients	<i>Aug, 2011</i>
15.	G.V.S. Vallinath <b>(Chemistry)</b>	<b>Ph.D</b>	Studies in the Chemistry of Metal Complexes Using Organic Reagents	<i>Nov, 2011</i>
16.	G. Chandrasekhar Reddy <b>(Chemistry)</b>	<b>Ph.D</b>	Spectrophotometric determination of metal ions using organic reagents	<i>Nov, 2011</i>
17.	M. Ramakotaiah <b>(Pharmacy)</b>	<b>Ph.D</b>	Development and Validation of analytical methods for quantification of new drug molecules by using High performance liquid chromatography	<i>Jan, 2012</i>
18.	Jeevanandham <b>(Pharmacy)</b>	<b>Ph.D</b>	Retardation of drug release by using various natural Mucoadhesive materials.	<i>Jan, 2012</i>
19.	K. Arunabai <b>(Chemistry)</b>	<b>Ph.D</b>	Analytical Applications of Metal Complexes using chromogenic reagents by Spectrophotometric Methods	<i>Feb, 2012</i>
20.	T. Ramanji Reddy <b>(Pharmacy)</b>	<b>Ph.D</b>	Design and Evaluation of Gastric Retentive Drug Delivery Systems of Repaglinide, Metformin and Combination of Both	<i>May, 2012</i>
21.	K. Saravanakumar	<b>Ph.D</b>	Preparation and evaluation of Mucoadhesive	<i>May, 2013</i>



	<b>(Pharmacy)</b>		Microspheres by using different polymers for few candidate drugs	
22.	Konda Ravikumar <b>(Pharmacy)</b>	<b>Ph.D</b>	Development and Validation of analytical methods for new chemical entities and their dosage form by using HPLC (High performance liquid chromatography )	<i>Mar, 2013</i>
23.	S. Rajendra <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis of Biologically important Functionalized Nitrobenzene containing Heterocyclic Compound.	<i>Mar, 2013</i>
24.	M. Sreenivasulu <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis of novel biologically active organic compound	<i>Apr, 2014</i>
25.	K. Arunkumar <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis of novel biologically active heterocyclic compound	<i>Jan, 2014</i>
26.	S. Angala Pararameswari <b>(Pharmacy)</b>	<b>Ph.D</b>	Investigation on Phytochemical Screening, Analytical, Microbiological And Pharmacological Activity of Different Ficus Species	<i>May, 2013</i>
27.	V. Ravisankar <b>(Pharmacy)</b>	<b>Ph.D</b>	Conception and Evaluation of Suppositories Loaded Nano particulates as Drug Delivery System	<i>Feb, 2014</i>
28.	R. Prema <b>(Pharmacy)</b>	<b>Ph.D</b>	Screening herbal drugs for antimicrobial and cytotoxicity activities	<i>May, 2014</i>
29.	T. Bhaskar Kumar <b>(Chemistry)</b>	<b>Ph.D</b>	Novel synthetic approaches towards heterocycles and their evaluation as potential inhibitors of PDE4.	<i>Oct, 2014</i>
30.	Mantargi Mohammed Jaffar Saidiq <b>(Pharmacy)</b>	<b>Ph.D</b>	Investigation of Nigella SPS Its Therapeutic Potency	<i>Aug, 2014</i>
31.	L. Srikanth Reddy <b>(Chemistry)</b>	<b>Ph.D</b>	spectrophotometric determination of metal ions by using organic compounds	<i>Sept, 2014</i>
32.	N. Rajasekhar <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis, Characterization and Biological Evaluation of Some Novel Hydrazone	<i>Dec, 2014</i>

			Derivatives	
33.	G. Suryanarayana Murthy ( <b>Chemistry</b> )	<b>Ph.D</b>	Development and Validation of Analytical methods for Quantification of New Drugs by using High Performance Liquid Chromatography.	<i>Nov, 2014</i>
34.	M. Bala Venkata Narayana ( <b>Chemistry</b> )	<b>Ph.D</b>	Development, Validation of HPLC Methods and Various Approaches for the Quantification of Genotoxic Impurities for some of the Pharmaceutical Ingredients	<i>Apr, 2015</i>
35.	SK. Rihana parveen ( <b>Pharmacy</b> )	<b>Ph.D</b>	Formulation and evaluation of modified Release Dosage forms by using controlled Drug delivery system	<i>Mar, 2015</i>
36.	M. Muthukumar ( <b>Pharmacy</b> )	<b>Ph.D</b>	Formulation and Evaluation of Sustained Release Mucoadhesive Bilayer Tablets of The Active Medicament Using a Statistical Optimization Technique	<i>July, 2015</i>
37.	Moola Sampathkumar ( <b>Pharmacy</b> )	<b>Ph.D</b>	Development and Validation of Different Drugs by Modern Analytical Techniques in Biological Matrices”	<i>July, 2015</i>
38.	M. Nareshchandra Reddy ( <b>Chemistry</b> )	<b>Ph.D</b>	Development and Validation of high performance liquid chromatography method for analysis of drugs	<i>Oct, 2015</i>
39.	Sandeep Shelke ( <b>Pharmacy</b> )	<b>Ph.D</b>	Phytochemical investigation and pharmacological screening of some Indian medicinal plants	<i>Nov,2015</i>
40.	Shalaka Kadam ( <b>Pharmacy</b> )	<b>Ph.D</b>	Isolation, characterization and pharmacological screening of some Indian medicinal plants	<i>Nov,2015</i>
41.	P. Nagarjuna Reddy ( <b>Chemistry</b> )	<b>Ph.D</b>	Synthesis, Characterization, Biological evaluation and electrochemical behavior of hetero cyclic compound	<i>Nov,2015</i>
42.	G. Rajan Bhagyasri ( <b>Chemistry</b> )	<b>Ph.D</b>	Studying GPI12P, An N-Acetylglucosamyinyl phosphotidylinositol (GLC NAC-PI) de-N-	<i>Feb, 2016</i>

			Acetylase from <i>Saccharomyces cerevesiea</i>	
43.	P. Veerabadra Swamy ( <b>Chemistry</b> )	<b>Ph.D</b>	Synthesis, Characterization, Biological evaluation of furan related heterocyclic compounds and methoxylated aryl hydrazone derivatives	<b>Mar, 2016</b>
44.	B.N. Naga Lakshmi ( <b>Chemistry</b> )	<b>Ph.D</b>	Spectrophotometric Determination Of Metal Ions Using Organic Reagents	<b>April,2016</b>
45.	Saranya N ( <b>Biotechnology</b> )	<b>Ph.D</b>	Evaluation of PDE inhibitors in cancer - <i>In-Vitro, In-Vivo</i> Profiling	<b>Nov,2016</b>
46.	Gandhi Nenavath ( <b>Environmental Science</b> )	<b>Ph.D</b>	Removal of chromium (vi) and fluoride from wastewater using different techniques	<b>Nov, 2016</b>
47.	Y. Dasthagiri Reddy ( <b>Pharmacy</b> )	<b>Ph.D</b>	Formulation and evaluation of antineoplastic drug loaded nanoparticles incorporated in sucralfate suspension as drug delivery system	<b>Nov, 2016</b>
48.	Y. Ismail ( <b>Pharmacy</b> )	<b>Ph.D</b>	Analytical method development and validation for the simultaneous estimation of multicomponent drugs in bulk and its dosage forms	<b>Nov, 2016</b>
49.	Nivedita ( <b>Pharmacy</b> )	<b>Ph.D</b>	Pharmacognostical, Phytochemical and Pharmacological studies on some red list medical plants distributed in and around nellore region	<b>Jan, 2017</b>
50.	Deepak Kumar ( <b>Pharmacy</b> )	<b>Ph.D</b>	Evaluation of Phytochemicals and Antidiabetic activity from Indian Medicinal Plants	<b>Nov, 2016</b>
51.	K. Venkatesh ( <b>Chemistry</b> )	<b>Ph.D</b>	Synthesis, characterization and Anti microbial activity of transition metal complexes of Schiff base ligands.	<b>Mar, 2017</b>
52.	M. Ramamohan ( <b>Chemistry</b> )	<b>Ph.D</b>	Novel methodologies for the synthesis of Quinazolinones, Quinoxalines and their application in the total synthesis of naturally occuring Quinazolinone Alkaloids	<b>April, 2017</b>

53.	C.Ravichandran (Chemistry)	Ph.D	Study of metal complexes by Direct and Extraction Methods Using Spectrophotometric Techniques	April, 2017
54.	K. Ujjwala Yadav (Pharmacy)	Ph.D	Formulation and Evaluation of Microparticulate drug delivery system.	April, 2017
55.	Suman samadar (Pharmacy)	Ph.D	Evaluation of Neuroprotective action of phytochemical of <i>Momordica cymbalaria</i> in diabetic peripheral neuropathy	July, 2017
56.	S. Nelson Kumar (Pharmacy)	Ph.D	Phytochemical evaluation , hepatoprotective and antidiabetic activities of <i>Pulicaria weightianaa</i> and <i>Cleome gynandra</i>	Oct, 2017
57.	G. Pandurangamurthy ( Biotechnology)	Ph.D	Pharmacological and Phyto-chemical Evaluation of wound Healing Activity In Some Less known Ethno-Medical Plant Drugs Practiced By Tribal (Soliga) Community of Biligirirangana Hills, India.	Nov, 2017
58.	Ranga Harish (Pharmacy)	Ph.D	A study on enhancement of oral bioavailability of Eprosartan Mesylate and Bosentan by hot melt extrusion technique	Nov,2017
59.	Cuddapah Rajaram (Pharmacy)	Ph.D	Evaluation of phytochemical constituents and pharmacological screening of some medicinal plants against rheumatism , epilepsy and parkinsonism.	Jan, 2018
60.	Raveesha Peeriga (Pharmacy)	Ph.D	Evaluation of Anti arthritic activity of <i>Myxopyrum smilacifolium Blume</i> , and <i>Pamburus missionis Swingle</i>	Jan, 2018
61.	Hanumantharao Kandukuri (Pharmacy)	Ph.D	Development and Validation of Novel Novel analytical methods for the determination of selected Drugs in pharmaceutical formulations by using HPLC and Spectrophotometry.	Feb, 2018
62.	B. Nagaraju (Chemistry)	Ph.D	Method Development and Validation of Different Drugs by Using LC-MS/MS in Biological Samples	Mar, 2018

63.	D. Naresh Kumar Reddy (Chemistry)	Ph.D	Development of environmentally benign methodologies for the synthesis of indole and pyridine derivatives	Mar, 2018
64.	Narasimha Rao.B (Pharmacy)	Ph.D	<i>Dendritic scaffold for the delivery of Cyclophosphamide and Cytarabine-Anti-cancer drugs.</i>	April, 2018
65.	P.Nagaveni (Pharmacy)	Ph.D	Formulation and evaluation of muco adhesive drug delivery of Nateglinide, an Anti-diabetic drug.	Oct, 2018
66.	P.Latha (Pharmacy)	Ph.D	Pharmacological Screening of <i>Casearia elliptica</i> , <i>Cissus quadrangularis</i> , <i>Cyperus rotundus</i> as Potential Anti Diabetic agents and associated Cognitive Impairment	May, 2018 Submitted
67.	V.Swathikrishna (Pharmacy)	Ph.D	Preparatio, characterization and evaluation of Glipizide and Empagliflozine Spherical agglomerates by using natural polymer.	June, 2018 Submitted
68.	BritoRaj (Pharmacy)	Ph.D	Design, Development and Optimization of Simvastatin and Carvedilol Loaded Nanostructured lipid carrier (NLC) as transdermal drug delivery.	June, 2018 Submitted
69.	Yarikala Ramesh (Pharmacy)	Ph.D	Formulation and Development of Tropicamide In-Situ Gels loaded Solid Lipid Nanoparticles For Ocular Drug Delivery	July, 2018 Submitted
70.	Manjuoor Ahamad Syed (Pharmacy)	Ph.D	Synthesis and Biological Evaluation of Certain Novel Substituted Thiazole and Thiadiazole Derivatives for their Antitubercular and Antifungal Activities	Aug, 2018 Submitted
71.	C.N.Prathushanaik (Chemistry)	Ph.D	Method development and validation for the estimation of Drugs using Reverse phase high performance liquid chromatography.	Aug, 2018 Submitted
72.	Sreenivasa Charan .A (Pharmacy)	Ph.D	Development and validation of new analytical methods for different active pharmaceutical ingredients and finished pharmaceutical products	Dec, 2018 Submitted

73.	P.Hashalatha (Chemistry)	Ph.D	Method development and validation of simultaneous determination of single and multi dosage forms of drugs using RP-HPLC technique	Dec, 2018 Submitted
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### List of Publications:

S. No.	Title of the paper	Name of the Journal	Vol (Issue), Year, Pg. No.
1.	“Mixed ligand complexes with sulphur donor ligands and thiocyanato-N/cyanato-N”	<i>J. Indian Chem. Soc.</i>	74, (1997), 718.
2.	“Spectrophotometric determination of lead (II) in water samples using benzil $\alpha$ - monoxime isonicotinoyl hydrazone”.	<i>Indian J. Chemistry</i>	9A(2000),1337
3.	“Spectrophotometric determination of cadmium (II) using novel oxime-hydrazones in biological materials	<i>J. Indian Chem. Soc.</i>	78, (2001), 340
4.	Simultaneous first derivative spectrophotometric determination of Nickel (II) and copper (II) in alloys with diacetylmonoxime benzoylhydrozone”.	<i>Indian. J. Chem.</i>	40A (2001), 727
5.	“Derivative Spectrophotometric determination of Nickel(II) and copper(II) in alloys using diacetylmonoxime Isonicotionyl hydrozone”.	<i>J. Indian Council of Chemists,</i>	18,2,(2001)1
6.	“Simultaneous second derivative spectrophotometric determination of Nickel(II) and copper(II) using diacetylmonoxime isonicotinoylhydrozone”.	<i>Indian J. Chem.</i>	41A(2002)1643
7.	Simultaneous second derivative spectrophotometric determination of Nickel(II) and copper(II) using diacetylmonoxime benzoyhydrozone(DMBH)	<i>J. Indian Chem. Soc.</i>	80,(2003)930
8.	A New RP-HPLC Method Development and Validation of Deferiprone in Bulk and its Pharmaceutical Dosage Form.	<i>Int. J. Adv. Res.</i>	4(8), 2174-2179.

9.	Phytochemical screening and metal analysis of hydro alcoholic extract of Carica papaya by using inductive coupled plasma	<i>International Journal of Current Research</i>	9 (2), 47191-47193, 2017.
10.	Benzil- $\alpha$ -monoxime isonicotionyl hydrazone (BMIH) as a chromogenic reagent for spectrophotometric determination of copper(II)	<i>Res.J.Chem and Environ.</i>	8,2,(2004) 12
11.	spectrophotometric determination of Pd(II) using 4-Hydroxy benzaldehyde thiosemicarbazone (4-HBTS)	<i>J.Indian Council of Chemists</i>	21,1,(2004)46
12.	Removal of toxic Cr (VI) by the adsorption of activated carbons prepared from simarouba shells.	<i>J.Environ.Science &amp;Engg</i>	46,2,(2004)137
13.	Direct and First order Derivative Spectrophotometric determination of Cobalt(II) using diacetylmonoxime Isonicotionyl hydrozone (DMIH)	<i>Asian.J. Chem</i>	16(3-4)(2004) 1889
14.	A validated chiral LC method for the determination of Zolmitriptan and its potential impurities	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	37(2005) 453
15.	Derivative spectrophotometric determination Iron (II) using diacetylmonoxime benzoylhydrozone(DMBH)	<i>Asian.J. Chem</i>	17(3)(2005)176 7
16.	A validated chiral Liquid chromatographic method for the enantiomeric separation of Ravastigmine hydrozen tartarate , a cholinesterase inhibitor	<i>J. Pharm. Biomed. analysis (Elsevier)</i>	38,(2005), 320
17.	A validated chiral LC method for the Enantio selective separation of tamsousin HCl and its enantiomer (S)-5-[2-[[2-(O-ethoxy phenoxy) ethyl] amino] propyl]-2-ethoxy benzene sulpho(Elsevier)namide, mono HCl on C <sub>18</sub> based stationary phase	<i>Indian drugs</i>	42(4) (2005) 230

18.	Avalidated chiral LC method for the Enantiomeric 16hem.16e16on of Zolmitriptan key intermediate, ZTR-5	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	39(2005) 796
19.	A Stabiity indicating LC Method for Zolmitriptan	<i>J. Pharmaceutical and Biomedical analysis (Elsevier)</i>	39(2005) 503
20.	Avalidated Stability indicatingLC Method for Le vetiracetam	<i>Indian drugs</i>	42(5)(2005) 299
21.	A validated Stability indicating ion – pair RP-LC Method for Zoledronic acid	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	39(2005) 781
22.	A normal phase chiral HPLC method for the quantitative determination of (s)-flurbiprofen in I-flurbiprofen bulk drug on 16hem.16e based chiral stationary phase	<i>Indian drugs</i>	42(10) (2005) 675-680
23.	A stability indicating HPLC assay method for Misprostol	<i>Indian drugs</i>	42(11)(2005)744
24.	A stability indicating HPLC assay method for docetaxel	<i>J.of Pharmaceutical and Biomedical analysis(Elsevier)</i>	41 (2006) 676
25.	HPLC Studies on the stress degradation 16hem.16e16 of tamsulosin hydrochloride and development of validated specific stability indicating method	<i>Indian drugs</i>	43(1)(2006) 39
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132.	Direct and derivative spectrophotometric determination of copper(ii) in presence of Micellar medium in grape leaves, biological materials and alloy samples using 2,4-dimethoxybenzaldehyde-4- hydroxy benzoyl hydrazone(DMBHBH)	<i>International journal of chemtech research</i>	3(4), 2011, 1978-1985.
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144.	Sensitive derivative spectrophotometric determination of gold (III) using 3,5-dimethoxy -4-hydroxybenzaldehyde isonicotinoyl Hydrazone (DMHBIH) in presence of Micellar	<i>Chem Met. Alloys</i>	4-2011 143-151

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305.	Spectrophotometric Estimation Of Moxifloxacin Hydrochloride using Osmium(OS-VIII) Ions in Micellar Medium	<i>Acta Ciencia Indica</i>	Vol. XLIIC, No. 2, 73-80 (2016)

306.	Adsorption of Fluoride (F <sup>-</sup> ) from Aqueous solution by Using Pineapple ( <i>Ananas Comosus</i> ) Peel and Orange ( <i>Citrus Sinensis</i> ) Peel Powder	<i>International journal of Environmental Bioremediation &amp; Biodegradation</i>	4 (2), 2016,55-67
307.	Adsorption Removal of Chromium (VI) from Synthetic Wastewater by using Chalk powder as Cost - Effective Adsorbent.	<i>International journal of Engineering and Applied Sciences (IJEAS)</i>	3(7), 2016, 9-18
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309.	Adsorption of Fluoride (F <sup>-</sup> ) from aqueous solution by using Horse gram ( <i>Macrotyloma uniflorum</i> ) seed Powder.	<i>International journal of Engineering and Technical Research (IJETR)</i>	5(5), 2016, 54-62
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311.	Adsorption of Fluoride (F <sup>-</sup> ) from aqueous solution by using Ragi seed ( <i>Eleusine coracana</i> ) Powder.	<i>Journal of Chemical and Pharmaceutical Research</i>	8(7): 2016, 127-141
312.	Development of Stavudine sustained release tablets: <i>In-Vitro</i> studies	<i>Future Journal of Pharmaceutical Sciences</i>	2: 2016, 37-42

313.	Enhancement of Loperamide Dissolution Rate by Liquisolid Compact Technique	<i>Advanced Pharmaceutical Bulletin</i>	6(3):2016 385-390
314.	Applications of Hot Melt Extrusion To Enhance The Dissolution of Bosentan Monohydrate	<i>Indo American Journal of Pharmaceutical Sciences</i>	6(12): 2016, 7194-7202
315.	Solubility Enhancement of Bosentan Monohydrate by using Hot Melt Extrusion Technique	<i>Journal of Global Trends in Pharmaceutical Sciences</i>	7(4): 2016 3487-3492
316.	Gastroprotective Role of Ethanolic of <i>Pouzolzia wightii Benn.</i> on Experimentally Induced Ulcer Model in Rats	<i>Journal of Global Trends in Pharmaceutical Sciences</i>	7(1): 2016, 3026-3030
317.	Antimicrobial Activity of <i>Buchanania Angustifolia</i> , (Anacardiaceae)	<i>International Journal of Phytopharmacology</i>	7(3): 2016, 120-125
318.	AntiUlcer Activity of <i>Buchanania Angustifolia</i> , (Anacardiaceae)	<i>International Journal of Pharmacy &amp; Therapeutics</i>	7(3): 2016, 101-105
319.	Pharmacognostical and Phytochemical Investigation of <i>Buchanania Angustifolia</i> , (Anacardiaceae)	<i>International Journal of PhytoTherapy</i>	6(2): 2016, 1-9
320.	Effect of Ethanolic extract of <i>Buchanania Angustifolia</i> , Roxb. on the sexual behaviour of male Wister rats	<i>Internaltional Journal of Biological, Biomolecular , Agricultural, food and Biotechnological</i>	10(9): 2016, 1-5



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321.	FeF3-Catalyzed MCR in PEG-400: Ultra Soundassisted synthesis od N-Substituted 2-aminopyridines,	<i>RSC Adv.,</i>	6: 2016, 67212-67217
322.	Analytical methods for the recently Approved FDA New Molecular Entities - A Review	<i>Journal of Comprehensive Pharmacy</i>	3(3):2016, 70-82
323.	Efficient synthesis of 2,3- dihydroquinazolin-4(1H)-ones catalyzed by titanium silicon oxide nanopowder in aqueous media	<i>Synthetic communications (Taylor and Fransis)</i>	47(2): 2017, 1-7
324.	Enhanced photocatalytic hydrogen generation and photostability of ZnO nanoparticles obtained via green synthesis	<i>international journal of hydrogen energy (Elsevier)</i>	42(8):2017, 1-7
325.	Pharmacognostical Standardization & Phytochemical Evaluation of <i>Alphonsea Sclerocarpa Thwaites Bark &amp; Leaves</i>	<i>Pharmacognosy Journal</i>	9(2): 2017, 196-200.
326.	Evaluation of Validated Herbal Medicine Formulation for Anti-Proliferative and Apoptotic Activities Used In the Tribal Medicine System	<i>IOSR Journal of Applied Chemistry (IOSR-JAC)</i>	10(1), 2017: 05-24
327.	Formulation and evaluation of Bosentan Solid Dispersion	<i>Asian journal of Pharmaceutics</i>	jan-Mar 11(1):2017, 75-82
328.	A Novel Stability Indicating Analytical Development and Validation of a RP-HPLC Assay Method for the Quantification of Ibrutinib in Bulk and its Formulation	<i>Journal of Pharmacy Research</i>	11(6):2017, 712-718
329.	Bio-Analytical Method Development and Validation of Betahistine Dihydrochloride in human Plasma by LC-MS/MS	<i>International journal of current medical and</i>	3(6), 2017

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330.	Bio-Analytical method development and validation of Flecainide by Liquid-Liquid extraction with LC-MS/MS: by application to a pharmacokinetic study	<i>Paripex- indian Journal of Research</i>	6(6):2017,618-624
331.	Antiarthritic activity of leaf extracts of <i>Pamburus missions Swingle</i>	<i>International Journal of Research in Pharmaceutical Sciences</i>	8(2): 2017, 171-175
332.	Comparative study of Anti-Inflammatory Activity of Peteroleum Ether Extract of <i>Myxopyrum smilacifolium blume</i> and Ethanolic leaf Extract of <i>Pamburus missionis Swingle</i>	<i>Journal of Pharmaceutical Sciences and Research</i>	9(6):2017, 955-957
333.	Blend Microspheres for the controlled delivery Flutamide, an Anticancer Drug	<i>International Journal of Pharmacy and Technology</i>	9(1):2017, 28866-28881
334.	Estimation of Nefopam Hydrochloride in Bulk and Parenteral Dosage form by zero order and area under the curve UV Spectrophotometric Methods	<i>Journal of Global Trends in Pharmaceutical Sciences</i>	8(3):2017, 4088-4095
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336.	Role of antifertility Medicinal Plants on Male and Female Reproduction	<i>Journal of Complementary and Alternative Medical Research</i>	3(2): 2017, 1-22
337.	NMI/MsCl-Mediated Amide Bond Formation of Aminopyrazines and Aryl/Heteroaryl Carboxylic Acids: Synthesis of Biologically Relevant	<i>Organic &amp; Supramolecular Chemistry</i>	2: 2017, 7706 – 7710

	Pyrazine Carboxamides	( <i>Chemistry Select</i> )	
338.	Design and <i>invitro</i> evaluation of mucoadhesive drug delivery of nateglinide	<i>International Journal of Research in Pharmaceutical Sciences</i>	8(3): 2017, 443-451
339.	Validation of newly developed stability indicating RP-Liquid chromatographic method for the quantitative determination of Dapagliflozin	<i>Derpharmachemica</i>	10 (1),2018, 109-118
340.	Reliable and sensitive stability indicating Assay method of Armodafinil	<i>Journal of Young Pharmacists</i>	9(4), 2017, 483-486.
341.	A validated reverse phase liquid chromatographic method for the determination of Canagliflozin	<i>World Journal of Pharmacy and Pharmaceutical Sciences</i>	6(2), 2017, 1119-1132
342.	A validated stability indicating reverse phase liquid chromatographic method for the determination of Valacyclovir	<i>World Journal of Pharmacy and Pharmaceutical Sciences</i>	6(7), 2017, 1449-1465
343.	Development and validation of stability indicating RP-Liquid chromatographic method for the Quantitative determination of Valganciclovir	<i>Derpharmachemica</i>	9(19), 2017, 101-109
344.	Preparation and characterization of glipizide spherical agglomerates by direct compression method using different polymers and its evaluation	<i>Journal of Global Trends in Pharmaceutical Sciences</i>	8(1), 2017, 3577-3585
345.	Development, preparation and characterization of glipizide spherical agglomerates by direct compression method	<i>Indo American Journal of Pharmaceutical research</i>	7 (5), 2017, 8812-8820

346.	Zinc oxide nanoparticle - modified glassy carbon electrode as a highly sensitive electrochemical sensor for the detection of caffeine	<i>Journal of the Chinese Chemical Society</i>	64( 7),2017 813-821
347.	Electrochemical study of caffeine using iron oxide nanoparticles modified glassy carbon electrode and its electro catalytic activity	<i>Int.J.Res.Pharm.Sc i</i>	6(3), 2015, 262-266
348.	Formulation and <i>invitro</i> characterization of risperidone nanosuspensions for the enhancement of drug release rate	<i>J.Global Trends Pharm Sci</i>	8(2),2017, 3973-3980
349.	Ethosomes as novel drug delivery carriers - A Review	<i>Indo American Journal of Pharmaceutical Sciences</i>	3 (12), 2016, 1639-1643
350.	Synthesis of Thiazole Derivatives - A Review	<i>International journal of chemistry and pharmaceutical sciences</i>	5 (4),2017, 119-124
351.	Formulation and <i>in-vitro</i> & <i>in-vivo</i> characterization of nifedipine stabilized nanosuspensions by nanoprecipitation method	<i>International Journal of research in Pharmaceutical Sciences</i>	8 (4), 2017, 1-8
352.	A Novel Approach on Ocular Drug Delivery System	<i>Journal of Drug Delivery and Therapeutics</i>	7 (6),2017, 117-124
353.	A Review on Solid Lipid Nanoparticles	<i>International Journal of Pharmaceutics &amp; Drug Analysis</i>	4(8),2016, 364-374
354.	Hypoglycemic and neuro protective properties of <i>cyperus rotundus</i> on type 2 diabetic rats and SHSY5Y neuronal cells	<i>J.Global Trends Pharm Sci</i>	8 (4), 2017, 4703-4711

355.	Evaluation of antidiabetic potential of ethanolic extract of <i>Casaria elliptica</i> in streptozotocin induced diabetic rats	<i>International Journal of research in Pharmaceutical Sciences</i>	8 (3), 2017, 291-297.
356.	Protective effect of <i>Cissus quadrangularis</i> in streptozotocin induced type-2 diabetes rat model and on SHSY5Y neuronal cells	<i>Int. Journal of Phytopharmacology</i>	9 (1), 20018, 1-8.
357.	Hypoglycemic and neuroprotective properties of <i>Cyperus rotundus</i> on type 2 diabetic rats and SHSY5Y neuronal cells	<i>Journal of Global Trends in Pharmaceutical Sciences</i>	8 (4), 2017, 4703-4711
358.	Development, Characterization of Glipizide spherical agglomerates by direct compression method	<i>International Journal of research in Pharmaceutical Sciences</i>	8 (4), 2017, 772-782.
359.	Synthesis and biological evaluation New Imidazo[2,1-b]thiozoles	<i>Indian. J. of Heterocyclic chemistry.</i>	27,4,2017, 329-338
360.	Characterization and evaluation of empagliflozin spherical agglomerates by direct compression method	<i>Int .J. of Recent Scientific Research</i>	9(2), 2018, 24394-24398.
361.	Development, characterization and evaluation of empagliflozin spherical agglomerates using spherical agglomeration technique	<i>The pharma innovation journal</i>	7 (3), 2018, 202-207.
362.	Formulation and Evaluation of <i>in-situ</i> gels enriched with Tropicamide loaded solid lipid nanoparticles	<i>International Journal of Research in Pharmaceutical Sciences</i>	9(1), 2018, 216-225.
363.	Photocatalytic activity of nanocrystalline ZnO, $\alpha$ -Fe <sub>2</sub> O <sub>3</sub> and ZnFe <sub>2</sub> O <sub>4</sub> /ZnO	<i>Applied Nano Sciences (Springer)</i>	5, 2015, 961-968.

364.	Formulation and Evaluation of chitosan gels enriched with Tropicamide loaded solid lipid nanoparticles for ocular drug delivery	<i>IJMPR</i>	6(1), 2018, 29-37.
365.	Molecular Docking study of some novel Imidazo[2,1-b][1,3,4]-thiadiazole derivatives	<i>J.of pharm.and scien.innov</i>	7,3,2018, 61-64
366.	Design, one-pot synthesis and biological evaluation of Imidazo[2,1-b][1,3,4] Thiadiazole derivatives for their Anti-Tubercular and Anti-Fungal activity	<i>J. of Applied pharmaceutical Science</i>	2018
367.	synthesis and Biological Evaluation New Imidazo[2,1-b]thiazoles	<i>Indian Journal of Heterocyclic Chemistry</i>	27(04)2017 329-338
368.	Formulation and development of tropicamide loaded solid lipid nanoparticles enriched in chitosan <i>in-situ</i> gels for ocular drug delivery	<i>Journal of Drug Delivery &amp; Therapeutics</i>	7(6) 2017 139-150
369.	Formulation and Evaluation of Chitosan Gels Enriched with Tropicamide Loaded Solid Lipid Nanoparticles for Ocular Drug Delivery	<i>International Journal of Research in Pharmaceutical sciences</i>	9(1) 2018 216-225
370.	A Review on Solid Lipid Nanoparticles for Ocular Drug Delivery System	<i>International Journal of Research in Pharmacy and Life Sciences</i>	4(1) 2016 65-70
371.	Application of RP-HPLC method for the determination of Boldine in <i>Alphonsea Sclerocarpa Thwaites</i> .	<i>IN. .Research .j.of Pharmacy</i>	9(6) 2018 100-103
372.	Formulation and evaluation of oxiconazole based niosomal GEL for the effective fungal treatment.	<i>In.R.j. of Pharmacy</i>	9(11)2018 1-8
373.	First order derivative and area under curve UV spectroscopic methods for the estimation of	<i>Inventi Rapid pharm analysis</i>	1,2018 1-4

	Cyamemazine Tartrate in bulk and its pharmaceutical dosage form.	<i>quality assurance</i>	
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375.	Eco-friendly synthesis of novel N-(substituted arylidene/heteroarylidene)-4-(furan-2-yl)-1H-pyrrole-3-carbohydrazone derivatives using zinc oxide nanoparticles and their evaluation as promising antimicrobial and antibiofilm agents.	<i>Medicinal Chemistry Research</i>	Communicated
376.	Stability Indicating RP-HPLC method for Estimation of Seven Critical Impurities Present in Lacosamide Tablets Dosage forms (50mg, 100mg, 150mg and 200mg) and their degradative studies.	<i>Arabian Journal of Chemistry</i>	Communicated
377.	Development and validation of A Reverse-Phase liquid Chromatographic method for Related substances of Tolvaptan for Tablets dosage form (15 and 30 mg)	<i>Asian Journal of Pharmaceutical Sciences</i>	Communicated
378.	RP-HPLC method development and validation of Related Substances in Asenapine tablets	<i>Pakistan Journal of Pharmaceutical Sciences</i>	Communicated
379.	Bioanalytical Method Development and Validation of Aliskiren in Mice Plasma by LC-MS/MS Detection and its Application to a Pharmacokinetic Study	<i>British Journal of Pharmaceutical Research</i>	Communicated
380.	Validated Bio-Analytical Method for Quantification of Atovaquone in Rat Plasma by Liquid –Liquid Extraction with HPLC-APCI-MS/MS: Application to Pharmacokinetic Study	<i>Brazilian Journal of Pharmaceutical Sciences</i>	In Review
381.	Method Development and Validation of Leflunomide in Rat Plasma by Liquid Chromatography Tandem Mass Spectrometry:	<i>JSRR</i>	In Review

	Application to a Pharmacokinetic Study		
382.	<i>In-vitro and in -vivo</i> Correlation Study of Controlled Drug Delivery System of Bosentan	<i>International Journal of Research in Pharmaceutical Sciences</i>	Accepted
383.	Analytical Method Development and Validation of Bosentan in Bulk and Pharmaceutical Dosage forms	<i>International Journal of Pharmaceutical Sciences and Research</i>	Communicated
384.			

#### Conferences Attended/Presented:

<b>S. No</b>	<b>Title of the Paper</b>	<b>Name of the Conference/Seminar (National/International)</b>	<b>Date,Month, Year and page No.</b>
1.	Analytical properties of diacetylmonoxime isonicotinoyl hydrazone (DMIH): Derivative Spectrophotometric determination of Ni(II) and Cu(II) and its Applications -	Proceedings of <b>19<sup>th</sup> Annual Conference</b> of Indian Council of Chemists held at <b>Keveempu University, Shimoga, Karnataka</b>	Nov. 27-29, <b>2000</b> ; 9(AO-16).
2.	Spectrophotometric determination of Lead (II) in water samples using oxime hydrazones	Proceedings of <b>Second International Seminar on Analytical Techniques in Monitorin the environment</b> held on at <b>SV University, Tirupati</b>	Dec. 18-20 <b>2000</b> ,112-118 (Spectral session)
3.	A brief study on pollution status of sewage flow in Anantapur, AP	do	<b>do</b> p314-316 (Environmen



			tal session)
4.	Simultaneous derivative spectrophotometric determination of nickel (II) and copper (II) using diacetylmonoxime isonicotinoyl hydrazone -	<b>20<sup>th</sup> Conference of Indian Council of Chemists</b> held at <b>University of Mysore, Mysore.</b>	On 22-24 Dece <b>2001</b>
5.	Simultaneous second derivative spectrophotometric determination of nickel(II) and copper(II) using diacetylmonoxime benzoylhydrazone (DMBH) -	Proceedings of <b>38<sup>th</sup> Annual Convention of Chemists</b> , 2001 at <b>Jodhpur University, Jodhpur.</b>	On 25-29 Dece <b>2001</b>
6.	Direct and first order derivative spectrophotometric determination of nikle(II) using benzil-□-monoxime isonicotinoyl hydrazone (BMIH) –	Proceedings of <b>80<sup>th</sup> Indian Science Congress</b> at <b>Lucknow University, Lucknow.</b>	On Jan 3-7, <b>2002</b>
7.	Removal of toxic hexavalent chromium (VI) by the adsorption of active carbons of Simarouba shells – ,.	Proceedings of <b>2<sup>nd</sup> Natinal Seminar</b> on ‘Environment Awareness, Education and Management for sustainable rural development, held at <b>SV University, Tirupati, AP</b>	Aug 26-28, 2002, p. 18
8.	Study of ground water pollution in Anantapur town –	Proceedings of <b>2<sup>nd</sup> Natinal Seminar</b> on ‘Environment Awareness, Education and Management for sustainable rural development, held at <b>SV University, Tirupati, AP</b>	Aug 26-28, <b>2002</b> , p. 10.
9.	Determination of nickel (II) by second order derivative spectrophotometric technique	Proceedings of <b>21<sup>st</sup> annual conference</b> of Indian council of chemists held at <b>RanidurgavathiUniversity,</b>	on 24-26 oct, 2002

		<b>Jabalpur</b>	
10.	Second order derivative spectrophotometric determination of nickel (II) –	Proceedings <i>22<sup>nd</sup> Annual Conference</i> of Indian Council of Chemists, held at <b>IIT, Roorkee</b>	on 17-19, Oct 2003
11.	Benzil- $\beta$ -monoxime isonicotinoyl hydrazone (BMIH) is a chromogenic reagent for spectrophotometric determination of copper(II) -	Proceedings of <i>91<sup>st</sup> Indian Science Congress</i> , held at <b>Punjab University, Chandigarh</b>	On January 3-7,2004
12.	Direct and first order derivative spectrophotometric determination of cobalt(II) using diacetylmonoxime isonicotinoyl hydrazone (DMIH) -	Proceedings of <i>91<sup>st</sup> Indian Science Congress</i> , held at <b>Punjab University, Chandigarh</b>	On January 3-7,2004
13.	Derivative spectrophotometric determination of iron (III) using oxime hydrazone –	Proceedings of <i>National Seminar</i> on “Role of Chemistry in the Emerging areas of Applied Sciences” (RCEAS – 2004), held at <b>SV University, Tirupati</b>	Mar 16-17 2004 p 1-3.
14	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of <i>National conference</i> on “Chemical Sciences for industry and society” held at <b>Keveempu University, Shimoga, Karnataka</b>	January 6-8,2006, P.20
15	Direct and first order derivative spectrophotometric determination of Mercury (II) using Bis-Vanillin thiocarbo hydrazone (BVTH) -	Proceedings of <i>National conference</i> on “Chemical Sciences for industry and society” held at <b>Keveempu University, Shimoga, Karnataka</b>	January 6-8,2006, P.25
16	Derivative spectrophotometric determination of Pb (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of <i>2<sup>nd</sup> International Congress of Chemistry and Environment</i> held at <b>Indore</b>	December 24-26,2005, P.361
17	First order derivative Spectrophotometric determination of	Proceedings of <i>National Seminar</i> on “Role of chemistry in emerging	March 24-25,2006,

	Vanadium (V) diacetylmonoxime isonicotinoyl hydrazone (DMIH)	areas of Biology and Industrie(RCEABI –2006)” held at Dept.of Chemistry, <b>Sri Krishna devaraya University, Anantapur,A.P</b>	p.103(pp58)
18	Derivative spectrophotometric determination of Copper (II) using Bis-Vanillin thiocarbo hydrazone (BVTH) in alloy samples	Proceedings of <i>National Seminar</i> on “Role of chemistry in emerging areas of Biology and Industrie(RCEABI –2006)”, Dept.of Chemistry, <b>Sri Krishna devaraya University, Anantapur,A.P</b>	March 24-25,2006, p.120(PP 75)
19	First order derivative spectrophotometric determination of Fe(III) using diacetylmonoxime benzoylhydrazone (DMBH) –	Proceedings of <i>National Conference</i> on Current Trends in Chemical Research (CTCR-2006) Dept.of Chemistry, <b>MangaloreUniversity, Mangalore</b>	13-14,2006, p27(41)
20	Synthesis and Characterization of 2-Hydroxy-3-methoxy benzaldehyde isonicotinoyl hydrazone (HMBIH)	Proceedings of <i>National Conference</i> on Current Trends in Chemical Research (CTCR-2006) Dept.of Chemistry <b>MangaloreUniversity, Mangalore.</b>	13-14,2006, p27(40)
21	Determination of Al (III) using New Chromogenic reagent by the Spectrophotometric technique	Proceedings of <i>National Conference Chemistry –2006, Banglore university, Banglore</i>	(27-29 Sept) 2006, Pp 87, P 74
22	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of National Conference on Chemical sciences for industry and society2006, held at School of chemical sciences Kuvempu University. <b>SHIMOGA</b>	(06-08 January) 2006, Pp 6, P 20

23	Derivative Spectrophotometric Determination of Cadmium (II) using Cinnamaldehyde isonicotinoylhydrazone (CINH)	Proceedings of 95 <sup>th</sup> <i>Indian Science Congress</i> , 2008, held at Andhra University, <b>Vishakapatnam.</b>	(3-7 <sup>th</sup> Jan), 2008, p11(16)
24	Diacetylmonoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH) as a chromogenic reagent for derivative Spectrophotometric determination of Nickel (II)	Proceedings of 95 <sup>th</sup> <i>Indian Science Congress</i> , 2008, held at Andhra University, <b>Vishakapatnam.</b>	(3-7 <sup>th</sup> Jan), 2008, P16(22)
25	Direct and First order Derivative Spectrophotometric determination of Copper (II) using Diacetyl monoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH)	Proceedings of 95 <sup>th</sup> <i>Indian Science Congress</i> , 2008, held at Andhra University, <b>Vishakapatnam.</b>	(3-7 <sup>th</sup> Jan), 2008, p16(23)
26	Derivative Spectrophotometric Determination of Nickel (II) using 2-hydroxy-3-methoxy benzaldehyde-4-hydroxybenzoyl hydrazone in presence of micellar medium	Proceedings of <i>Silver Jubilee International conference</i> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur</b>	(12-14 <sup>th</sup> Jan) 2008, p 53 (O-42)
27	Derivative Spectrophotometric Determination of Cobalt (II) Using 3-Phenyl-2-propanaldehyde isonicotinoylhydrazone (PPINH)	Proceedings of <i>Silver Jubilee International conference</i> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur.</b>	(12-14 <sup>th</sup> Jan) 2008, p 63 (O-60)
28	Direct and Derivative Spectrophotometric determination of Molybdenum (VI) using 3-methoxysalicylaldehyde-4-hydroxybenzoylhydrazone in presence of Triton X-100.	Proceedings of <i>Silver Jubilee International conference</i> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur.</b>	(12-14 <sup>th</sup> Jan) 2008, p 214 (Y-3)

29	Direct and derivative spectrophotometric determination of Copper(II) in biological matter	26 <sup>th</sup> Annual Conference of the Indian Council of Chemists, Dr.HariSingh GaurUniversity, <b>Sagar (M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008
30	Spectrophotometric determination of Cobalt(II) in Vitamin B <sub>12</sub> using Diacetyl monoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH)	<b>26<sup>th</sup> Annual Conference of the Indian Council of Chemists,</b> Dr.HariSingh Gaur University, <b>Sagar(M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008
31	Spectrophotometric determination of Molybdenum (VI) Using 3-Phenyl-2-propanal dehydeisonicotinoylhydrazone and its applications	<b>26<sup>th</sup> Annual Conference of the Indian Council of Chemists,</b> Dr.Hari Singh Gaur University, <b>Sagar(M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008
32	Sensitive derivative spectrophotometric determination of Ruthenium (III) using 3, 5-dimethoxy-4-hydroxy benzaldehydeisonicotinoyl hydrazine (DMHBIH)in presence of neutral micellar medium.	26 <sup>th</sup> Annual Conference of the Indian Council of Chemists, Dr.HariSingh Gaur University, <b>Sagar (M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008.
33	Simultaneous Determination of Nickel(II) and Copper(II) in mixtures by First order Derivative Spectrophotometric Technique.	International conference on current trends in chemistry and biochemistry, BangaloreUniversity, <b>Bangalore. Karnataka.</b>	<b>18<sup>th</sup> - 19<sup>th</sup> December, 2009.</b>
34	Simultaneous First order Derivative Spectrophotometric Determination of Copper(II)and Cobalt(II) in mixtures.	4 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2009, Ubanrachathani University ( <b>Thailand</b> )	<b>21<sup>st</sup> – 23<sup>rd</sup> January, 2010.</b>
35	Spectrophotometric Determination of Iron(III) in presence of Micellar Medium using 4-hydroxy-3,5-dimethoxybenzaldehydeisonicotinoyl hydrazone(DMHDBIH)	4 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2009, Ubanrachathani University ( <b>Thailand</b> )	<b>21<sup>st</sup> – 23<sup>rd</sup> January, 2010.</b>
36	Direct and Derivative	11 <sup>h</sup> international conference of the	<b>20<sup>th</sup> –</b>

	Spectrophotometric Determination of Copper (II) using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone (DMHBIH)	international academy of physical sciences(CONIAPSXI), held at university of Allahabad, <b>Allahabad.</b>	<b>22<sup>nd</sup>February, 2010.</b>
37	Direct and Derivative Spectrophotometric Determination of Iron (III) in presence of Micellar Medium using 4-Hydroxy-3,5-dimethoxybenzaldehyde 4-hydroxy benzoylhydrazone(HDMHBH)	11 <sup>h</sup> international conference of the international academy of physical sciences(CONIAPSXI), held at university of Allahabad, <b>Allahabad.</b>	<b>20<sup>th</sup> – 22<sup>nd</sup> February, 2010.</b>
38	Derivative Spectrophotometric Determination of Nickel (II) using 3,5-Dimethoxy-4-hydroxy benzaldehyde isonicotinoyl hydrazone(DMHBIH)	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis (RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
39	Direct and First Order Derivative Spectrophotometric Determination of Cobalt (II) using 3,5- Dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone(DMHBIH)	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis (RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
40	Direct and Derivative Spectrophotometric determination of Gemifloxacin Mesylate in pure form and pharmaceutical preparations using $\pi$ acceptors	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
41	Spectrophotometric Determination of Ruthenium ( III ) using Diacetyl monoxime isonicotinoyl hydrozone ( DMIH )	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University,	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>

		<b>Anantapur.</b>	
42	Direct and Derivative Spectrophotometric Determination of Ru (III) in presence of Micellar Medium Using 4-Hydroxy-3, 5 Dimethoxy benzaldehyde 4-hydroxy benzoyl hydrazone (HDMHBH)	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
43	Evaluation of Methanolic leaf extract of Shorea robusta, Gaertnerf On Hela Cell lines	Proceeding of Regulation of Biochemical and Cellular Processes in Diverse Systems.National Science Seminar Complex.Indian Institute of Science, <b>Bangalore.</b>	<b>13<sup>th</sup> – 15<sup>th</sup> December 2010</b>
44	Direct and Derivative Spectrophotometric Determination of Copper (II) in Presence of Micellar Medium in Beer, Wine, Biological Materials and Alloy Samples Using Cinnamaldehyde 4hydroxybenzoylhydrazone (CMHBH)	Proceeding of 12 <sup>th</sup> International Conference of International Academy of Physical Sciences held at University of Rajasthan, <b>Jaipur.</b>	<b>22-24<sup>th</sup> December 2010</b>
45	Plant Made Therapeutic Proteins	Proceeding of 2 <sup>nd</sup> International Seminar on Medicinal Plants & Herbal Products. Department of Botany (DST –FIST), held at <b>S.V.University, Tirupathi.</b>	<b>27<sup>th</sup> -29<sup>th</sup> December 2010.</b>
46	Direct and Derivative Spectrophotometric Determination of Cadmium(II) Using 3,5-Dimethoxy-4-hydroxy benzaldehyde isonicotinoylhydrazone (DMHBIH)	5 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2011, at Glory Beach Resort, Port Dickson, <b>Malaysia.</b>	<b>27<sup>th</sup> – 29<sup>th</sup> May, 2011.</b>
47	Spectrophotometric Determination of Copper(II) using 3,5-Dimethoxy-4-	5 <sup>th</sup> international congress of Chemistry and Environment,	<b>27<sup>th</sup> – 29<sup>th</sup> May, 2011.</b>



	hydroxy benzaldehyde benzoylhydrazone (DMBBH) in presence of surfactant C-TAB.	ICCE-2011, at Glory Beach Resort, Port Dickson, <b>Malaysia.</b>	
48	Spectrophotometric Determination of Cr(VI) in water samples and chrome liquor using 2,4-Dimethoxy benzaldehyde 4-hydroxy benzoylhydrazone (DMBHBH) in Micellar medium.	5 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2011, at Glory Beach Resort, Port Dickson, <b>Malaysia.</b>	<b>27<sup>th</sup> – 29<sup>th</sup> May, 2011.</b>
49	Synthesis of (Z)-3-Amino-1-Isonicotinoyl-4-(2-(4-substituted Phenyl) Hydrazono)-1H-pyrazol-5-(4H)-one Derivatives.	5 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2011, at Glory Beach Resort, Port Dickson, <b>Malaysia.</b>	<b>27<sup>th</sup> – 29<sup>th</sup> May, 2011.</b>
50	Synthesis, Characterization and antimicrobial activity of transition metal complexes of Schiff base	5 <sup>th</sup> international congress of Chemistry and Environment, ICCE-2011, at Glory Beach Resort, Port Dickson, <b>Malaysia.</b>	<b>27<sup>th</sup> – 29<sup>th</sup> May, 2011.</b>
51	In vitro – In vivo Correlation of floating drug delivery system of poorly water soluble drug	A Symposium on Current Trends in Pharmaceutical Sciences, BITS, Pilani, Hyderabad Campus, A.P.	<b>12<sup>th</sup> November, 2011</b>
52	Pharmacokinetic study of repaglinide floating drug delivery system in rabbits by rp-hplc method	63 <sup>rd</sup> Indian pharmaceutical congress, Bengaluru	<b>16-18 December 2011</b>
53	Resin Catalyzed Synthesis of N-Substituted Pyrroles in Water and its Applications towards Synthesis of Various Pyrrolo-[1,2- $\alpha$ ] Quinoxaline Derivatives by C-C and C-N Bond Formation Reactions	International Conference on Chemical Sciences held at Waters Edge, Capital City & Sri Lanka Foundation Institute, Colombo 07	<b>20-22 June 2012</b>
54	Synthesis, Characterization of a new Chromogenic Reagent and Derivative Spectrophotometric Determination of Trace Amounts of Vanadium (V) in	International Conference on Chemical Sciences held at Waters Edge, Capital City & Sri Lanka Foundation Institute, Colombo 07	<b>20-22 June 2012</b>



	Alloys and Biological Samples.		
55	Iron(III) fluoride catalyzed synthesis of N-Substitued Pyrroles in water and its applications towards synthesis of various Pyrrolo(1,2- $\alpha$ ) quinoxalines D derivatives by C-C and C-N bond formation reactions	First Indian international symposium on Fluorine Chemistry ,at DELHI	<b>Feb, 2012</b>
56	Development and validation of skeletal muscle relaxant metaxalon in human plasma by LC-MS/MS.. application to a pharmacokinetic study	International Symposium On Engineering And Natural Science (ISEANS)" at MACAU (CHINA).	<b>Aug, 2013</b>
57	Analytical instrumentation-HPLC and UV-Visible Spectrophotometry	Gondar University, Gondar (Ethiopia).	<b>Jan, 2014</b>
58	Free Radical Scavenging and AntiOxidant Activity of Leaves of Casearia Tomentosa Roxb	3 <sup>rd</sup> International Conference conducted by Indian Council of Chemists Indian perspective held at DUBAI & ABUDHABI	<b>June, 2014</b>
59	Removal of fluoride by using Citrus limon peel powder as natural coagulant	8th international conference International Congress OF Environmental Research (ICER-2016) LUBECK, GERMANY	<b>July 2016.</b>
60	Tissue distribution, cytotoxicity and pharmacokinetic studies of multifunctional citric acid dendrimers using the drug cyclophosphamide	11 <sup>th</sup> International Conference on Chemical, Agricultural, Biological, Healthcare and Environmental Sciences (CABHES- 2017), BATAM, INDONESIA.	<b>Aug, 2017</b>

### Text Books / Monographs Authored:

1. **Engineering Chemistry**, Sitech Publication, 2009.
2. **Chemistry laboratory manual**, SM Enterprises, 2001.
3. **Instrumental Methods of Pharmaceutical Analysis Practical Text**, Taurus Publishers, Hyd, 2017

### Other Experiences:

#### Examiner:

- ❖ Nagarjuna University, Nagarjuna Nagar, Guntur
- ❖ Andhra University, Visakhapatnam
- ❖ AP state level competitive examinations
- ❖ SV University, Tirupati
- ❖ JNT University, Anantapur

#### Staff Selection Committee :

- ❖ Expert member of staff selection in JNTUniversity, Hyderabad, SV University, Tirupati
- ❖ Affiliated institutions of JNTUniversity Anantapur for University Ratification

### Curriculum Design:

<b>S. No.</b>	<b>Name of the body/society</b>	<b>Nature of Membership</b>	<b>Membership No.</b>
1	Jawaharlal Nehru Technological University Hyderabad	<b>Member</b> , BOS in Chemistry	2002 - 2004
2	Jawaharlal Nehru Technological University College of Engineering Anantapur.	<b>Chairmen</b> , Boards of Studies in Chemistry	2002-2010
3	Jawaharlal Nehru Technological University College of Engineering Anantapur.	<b>Member</b> , College Academic Council	<b>2009 to</b>
4	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairmen</b> , Boards of Studies in Chemistry (PG)	2010-2012
	Center for Sri devi Research	<b>Member, Boards of Studies</b>	From 2010

	Foundation		
5	Annamacharya Institute of Technology and Science, Rajampeta (Autonomous), Kadapa, A.P.	<b>Member, Boards of Studies</b>	From 2011
6	Lakkireddy Balireddy College of Engineering, Mylavaram, A.P.	<b>Member, Boards of Studies in Chemistry</b>	2014-2016
7	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman, Boards of Studies in Chemistry (PG)</b>	2014 -2016
8	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman, Boards of Studies in Pharmacy (UG)</b>	2014-2016
9	Sree Vidyanikethan college of Engineering (Autonomus) A.Rangampeta.	<b>Member Boards of Studies in Chemistry (University nominee)</b>	From 2014/09
10	University of Mysuru, Mysore	<b>Chairman, BOS, Sugar Technology</b>	From 2015
11	Jawaharlal Nehru Technological University Kakinada, KAKINADA	<b>Member Boards of Studies in Chemistry</b>	From 2016-18
12	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman, Boards of Studies in Pharmacy (PG)</b>	From 2016-18.
13	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman, Research Advisory Committee in Biotechnology</b>	From 2016-18.
14	University of Mysuru, Mysore	<b>Member, BOS, Sugar Technology</b>	From 2017-18
15	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Member Academic Senate</b>	From 2016-18.
16	Siddharth Institute of Engineering and Technology	<b>Member Boards of Studies in Chemistry</b>	From 2018-19
17	Sri Sai Baba National Degree College	<b>Member Boards of Studies</b>	From 2018-19

		in Food Technology	
18	G. Pullaiah College of Engineering and Technology	<b>Member</b> Boards of Studies in Chemistry	From 2018-19
19	University of Mysuru, Mysore	<b>Member, BOS, Sugar Technology</b>	From 2017-19

#### Important positions held:

- ❖ Member, College Academic Council for Jawaharlal Nehru Technological University College of Engineering Anantapur.
- ❖ Member of governing body (University nominee) for Annamacharya College of Pharmacy, Rajampet, Kadapa (Dt), A.P.
- ❖ Member of governing body (University nominee) for Sri Krishna Chaitanya College of Pharmacy, Gangannagaripalle, Madanapalle, Chittoor (Dt), A.P.
- ❖ Member of governing body (University nominee) for Nirmala College of Pharmacy, Kadapa, A.P.
- ❖ Member of governing body (University nominee) for Gokula Krishna college of pharmacy, Sullurpeta, S.P.S.R.Nellore, A.P.
- ❖ Member of governing body (University nominee) for P.Ramireddy memorial college of pharmacy, Kadapa, A.P.
- ❖ Member of governing body (University nominee) for Jagans College of Pharmacy, S.P.S.R. Nellore, A.P.
- ❖ Member of governing body (University nominee) for Rajiv Gandhi Memorial college of engineering and Technology, Nandyal (Autonomus), Kurnool (Dt), A.P.
- ❖ Member of governing body (University nominee) for Annamacharya Institute of Technology and Science, Rajampet (Autonoums), Kadapa, A.P.
- ❖ Member of governing body (University nominee) for G. Pullareddy college of Engineering (Autonomus), Kurnool, A.P. Sree Vidyanikethan college of Engineering (Autonomus) A.Rangampeta, Tirupati, Chittoor, A.P.
- ❖ Member of governing body (University nominee) for Krishna Teja College of Pharmacy, Tirupathi

#### Details of Conferences/Seminars/Workshops Organized:

1. Acted as a Convenor to the UGC Sponsored national workshop on "INDUSTRY ORIENTED PROSPECTIVES IN PHARMACEUTICAL COURSE" held at JNTUA- Oil Technological and Pharmaceutical Research Institute (OTPRI) on 02 & 03, May-2015.
2. Acted as a Convenor to the UGC Sponsored seminar on "GLOBAL PROSPECTIVES IN PHARMACEUTICAL SCIENCES (GPPS 2K15)" held at JNTUA- Oil Technological and Pharmaceutical Research Institute (OTPRI) on 11-07-2015.

3. Acted as a Convenor to the UGC Sponsored national workshop on "AWARENESS ON FOREIGN UNIVERSITY COLLABORATION FOR PHARMACY COURSES" held at JNTUA- Oil Technological and Pharmaceutical Research Institute (OTPRI) on 06-08-2015.
4. Acted as a Convenor to the UGC Sponsored National Conference on "TREND SETTING INNOVATIONS IN SCIENCE AND TECHNOLOGY- APPLICATIONS IN PHARMACEUTICAL INDUSTRY (TSIST-API2016)", held at JNTUA- Oil Technological and Pharmaceutical Research Institute (OTPRI) on 12 & 13, Feb-2016.
5. Acted as a Convenor to the National Conference on "ADVANCED RESEARCH IN PHARMACEUTICAL AND CHEMICAL SCIENCES - EMERGING CHALLENGES IN PRACTICE 2K17 (NCARPC-ECP 2k17)", held at JNTUA- Oil Technological and Pharmaceutical Research Institute (OTPRI) on 15 & 16, Sep-2017.

**Membership – Professional societies:**

1. Life Member, Indian Society for Technical Education, New Delhi.
2. Life Member, Indian Council of Chemists (ICC)
3. Life Member, Indian Science Congress Association (ISCA)
4. Life Member, International Congress of Chemistry and Environment (ICCE)

**Seminars / Training programmes / Workshops/ Conferences Attended:**

S. No	Title of the Paper	Name of the Conference/Seminar (National/International)	Date,Month, Year and page No.
1.	Analytical properties of diacetylmonoxime isonicotinoyl hydrazone (DMIH): Derivative Spectrophotometric determination of Ni(II) and Cu(II) and its Applications -	Proceedings of <i>19<sup>th</sup> Annual Conference</i> of Indian Council of Chemists held at <b>Kevenpu University, Shimoga, Karnataka</b>	Nov. 27-29, <b>2000</b> ; 9(AO-16).
2.	Spectrophotometric determination of Lead (II) in water samples using oxime hydrazones	Proceedings of <i>Second International Seminar on Analytical Techniques in Monitorin the environment</i> held on at <b>SV University, Tirupati</b>	Dec. 18-20 <b>2000</b> , 112-118 (Spectral session)
3.	A brief study on pollution status of sewage flow in Anantapur, AP	do	<b>do</b> p314-316 (Environmen

			tal session)
4.	Simultaneous derivative spectrophotometric determination of nickel (II) and copper (II) using diacetylmonoxime isonicotinoyl hydrazone -	<i>20<sup>th</sup> Conference of Indian Council of Chemists</i> held at <b>University of Mysore, Mysore.</b>	On 22-24 Dece 2001
5.	Simultaneous second derivative spectrophotometric determination of nickel(II) and copper(II) using diacetylmonoxime benzoylhydrazone (DMBH) -	Proceedings of <i>38<sup>th</sup> Annual Convention of Chemists</i> , 2001 at <b>Jodhpur University, Jodhpur.</b>	On 25-29 Dece 2001
6.	Direct and first order derivative spectrophotometric determination of nikle(II) using benzil-□-monoxime isonicotinoyl hydrazone (BMIH) –	Proceedings of <i>80<sup>th</sup> Indian Science Congress</i> at <b>Lucknow University, Lucknow.</b>	On Jan 3-7, 2002
7.	Removal of toxic hexavalent chromium (VI) by the adsorption of active carbons of Simarouba shells – ,.	Proceedings of <i>2<sup>nd</sup> Natinal Seminar</i> on ‘Environment Awareness, Education and Management for sustainable rural development, held at <b>SV University, Tirupati, AP</b>	Aug 26-28, 2002, p. 18
8.	Study of ground water pollution in Anantapur town –	Proceedings of <i>2<sup>nd</sup> Natinal Seminar</i> on ‘Environment Awareness, Education and Management for sustainable rural development, held at <b>SV University, Tirupati, AP</b>	Aug 26-28, 2002, p. 10.
9.	Determination of nickel (II) by second order derivative spectrophotometric technique	Proceedings of <i>21<sup>st</sup> annual conference</i> of Indian council of chemists held at <b>RanidurgavathiUniversity,</b>	on 24-26 oct, 2002

		<b>Jabalpur</b>	
10.	Second order derivative spectrophotometric determination of nickel (II) –	Proceedings <i>22<sup>nd</sup> Annual Conference</i> of Indian Council of Chemists, held at <b>IIT, Roorkee</b>	on 17-19, Oct 2003
11.	Benzil- $\beta$ -monoxime isonicotinoyl hydrazone (BMIH) is a chromogenic reagent for spectrophotometric determination of copper(II) -	Proceedings of <i>91<sup>st</sup> Indian Science Congress</i> , held at <b>Punjab University, Chandigarh</b>	On January 3-7,2004
12.	Direct and first order derivative spectrophotometric determination of cobalt(II) using diacetylmonoxime isonicotinoyl hydrazone (DMIH) -	Proceedings of <i>91<sup>st</sup> Indian Science Congress</i> , held at <b>Punjab University, Chandigarh</b>	On January 3-7,2004
13.	Derivative spectrophotometric determination of iron (III) using oxime hydrazone –	Proceedings of <i>National Seminar</i> on “Role of Chemistry in the Emerging areas of Applied Sciences” (RCEAS – 2004), held at <b>SV University, Tirupati</b>	Mar 16-17 2004 p 1-3.
14	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of <i>National conference</i> on “Chemical Sciences for industry and society” held at <b>Keveempu University, Shimoga, Karnataka</b>	January 6-8,2006, P.20
15	Direct and first order derivative spectrophotometric determination of Mercury (II) using Bis-Vanillin thiocarbo hydrazone (BVTH) -	Proceedings of <i>National conference</i> on “Chemical Sciences for industry and society” held at <b>Keveempu University, Shimoga, Karnataka</b>	January 6-8,2006, P.25
16	Derivative spectrophotometric determination of Pb (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of <i>2<sup>nd</sup> International Congress of Chemistry and Environment</i> held at <b>Indore</b>	December 24-26,2005, P.361
17	First order derivative Spectrophotometric determination of	Proceedings of <i>National Seminar</i> on “Role of chemistry in emerging areas	March 24-25,2006,

	Vanadium (V) diacetylmonoxime isonicotinoyl hydrazone (DMIH)	of Biology and Industrie(RCEABI – 2006)” held at Dept.of Chemistry, <b>Sri Krishna devaraya University, Anantapur,A.P</b>	p.103(pp58)
18	Derivative spectrophotometric determination of Copper (II) using Bis-Vanillin thiocarbo hydrazone (BVTH) in alloy samples	Proceedings of <i>National Seminar</i> on “Role of chemistry in emerging areas of Biology and Industrie(RCEABI – 2006)”, Dept.of Chemistry, <b>Sri Krishna devaraya University, Anantapur,A.P</b>	March 24-25,2006, p.120(PP 75)
19	First order derivative spectrophotometric determination of Fe(III) using diacetylmonoxime benzoylhydrazone (DMBH) –	Proceedings of <i>National Conference</i> on Current Trends in Chemical Research (CTCR-2006) Dept.of Chemistry, <b>MangaloreUniversity, Mangalore</b>	13-14,2006, p27(41)
20	Synthesis and Characterization of 2-Hydroxy-3-methoxy benzaldehyde isonicotinoyl hydrazone (HMBIH)	Proceedings of <i>National Conference</i> on Current Trends in Chemical Research (CTCR-2006) Dept.of Chemistry <b>MangaloreUniversity, Mangalore.</b>	13-14,2006, p27(40)
21	Determination of Al (III) using New Chromogenic reagent by the Spectrophotometric technique	Proceedings of <i>National Conference Chemistry –2006, Banglore university, Banglore</i>	(27-29 Sept) 2006, Pp 87, P 74
22	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of National Conference on Chemical sciences for industry and society2006, held at School of chemical sciences Kuvempu University. <b>SHIMOGA</b>	(06-08 January) 2006, Pp 6, P 20
23	Derivative Spectrophotometric Determination of Cadmium (II) using	Proceedings of 95 <sup>th</sup> <i>Indian Science Congress</i> , 2008, held at	(3-7 <sup>th</sup> Jan), 2008,



	Cinnamaldehyde isonicotinoylhydrazone (CINH)	AndhraUniversity, <b>Vishakapatnam.</b>	p11(16)
24	Diacetylmonoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH) as a chromogenic reagent for derivative Spectrophotometric determination of Nickel (II)	Proceedings of 95 <sup>th</sup> <b>Indian Science Congress</b> , 2008, held at AndhraUniversity, <b>Vishakapatnam.</b>	(3-7 <sup>th</sup> Jan), 2008, P16(22)
25	Direct and First order Derivative Spectrophotometric determination of Copper (II) using Diacetyl monoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH)	Proceedings of 95 <sup>th</sup> <b>Indian Science Congress</b> , 2008, held at Andhra University, <b>Vishakapatnam.</b>	(3-7 <sup>th</sup> Jan), 2008, p16(23)
26	Derivative Spectrophotometric Determination of Nickel (II) using 2- hydroxy-3-methoxy benzaldehyde-4- hydroxybenzoyl hydrazone in presence of micellar medium	Proceedings of <b>Silver Jubilee International conference</b> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur</b>	(12-14 <sup>th</sup> Jan) 2008, p 53 (O-42)
27	Derivative Spectrophotometric Determination of Cobalt (II) Using 3- Phenyl-2-propanaldehyde isonicotinoylhydrazone (PPINH)	Proceedings of <b>Silver Jubilee International conference</b> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur.</b>	(12-14 <sup>th</sup> Jan) 2008, p 63 (O-60)
28	Direct and Derivative Spectrophotometric determination of Molybdenum (VI) using 3-methoxysalicylaldehyde-4- hydroxybenzoylhydrazone in presence of Triton X-100.	Proceedings of <b>Silver Jubilee International conference</b> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru Ghasidas University, <b>Bilaspur.</b>	(12-14 <sup>th</sup> Jan) 2008, p 214 (Y-3)
29	Direct and derivative spectrophotometric determination of Copper(II) in biological matter	26 <sup>th</sup> Annual Conference of the Indian Council of Chemists, Dr.HariSingh GaurUniversity, <b>Sagar (M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008

30	Spectrophotometric determination of Cobalt(II) in Vitamin B <sub>12</sub> using Diacetyl monoxime-4-hydroxybenzoyl hydrazone (DM-4-HBH)	<b>26<sup>th</sup> Annual Conference of the Indian Council of Chemists,</b> Dr.HariSingh Gaur University, <b>Sagar(M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008
31	Spectrophotometric determination of Molybdenum (VI) Using 3-Phenyl-2-propanal dehydeisonicotinoylhydrazone and its applications	<b>26<sup>th</sup> Annual Conference of the Indian Council of Chemists,</b> Dr.Hari Singh Gaur University, <b>Sagar(M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008
32	Sensitive derivative spectrophotometric determination of Ruthenium (III) using 3, 5-dimethoxy-4-hydroxy benzaldehydeisonicotinoyl hydrazine (DMHBIH)in presence of neutral micellar medium.	26 <sup>th</sup> Annual Conference of the Indian Council of Chemists, Dr.HariSingh Gaur University, <b>Sagar(M.P.)</b>	26 <sup>th</sup> – 28 <sup>th</sup> February, 2008.
33	Simultaneous Determination of Nickel(II) and Copper(II) in mixtures by First order Derivative Spectrophotometric Technique.	International conference on current trends in chemistry and biochemistry, BangaloreUniversity, <b>Bangalore.</b> Karnataka.	<b>18<sup>th</sup> - 19<sup>th</sup> December, 2009.</b>
34	Direct and Derivative Spectrophotometric Determination of Copper (II) using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone (DMHBIH)	11 <sup>h</sup> international conference of the international academy of physical sciences(CONIAPSXI), held at university of Allahabad, <b>Allahabad.</b>	<b>20<sup>th</sup> – 22<sup>nd</sup>Februar y, 2010.</b>
35	Direct and Derivative Spectrophotometric Determination of Iron (III) in presence of Micellar Medium using 4-Hydroxy-3,5-dimethoxybenzaldehyde 4-hydroxy benzoylhydrazone(HDMHBH)	11 <sup>h</sup> international conference of the international academy of physical sciences(CONIAPSXI), held at university of Allahabad, <b>Allahabad.</b>	<b>20<sup>th</sup> – 22<sup>nd</sup> February, 2010.</b>
36	Derivative Spectrophotometric Determination of Nickel (II) using 3,5-Dimethoxy-4-hydroxy	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>

	benzaldehyde isonicotinoyl hydrazone(DMHBIH)	synthesis (RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	
37	Direct and First Order Derivative Spectrophotometric Determination of Cobalt (II) using 3,5- Dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone(DMHBIH)	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis (RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
38	Direct and Derivative Spectrophotometric determination of Gemifloxacin Mesylate in pure form and pharmaceutical preparations using $\pi$ acceptors	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
39	Spectrophotometric Determination of Ruthenium ( III ) using Diacetyl monoxime isonicotinoyl hydrozone ( DMIH )	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
40	Direct and Derivative Spectrophotometric Determination of Ru (III) in presence of Micellar Medium Using 4-Hydroxy-3, 5 Dimethoxy benzaldehyde 4-hydroxy benzoyl hydrazone (HDMHBH)	UGC-SAP national seminar on Recent developments in Inorganic, Organic materials and Electro-organic synthesis(RDIOMES-2010), held at S.K.University, <b>Anantapur.</b>	<b>26<sup>th</sup> – 27<sup>th</sup> February, 2010.</b>
41	Evaluation of Methanolic leaf extract of Shorea robusta, Gaertnerf On Hela Cell lines	Proceeding of Regulation of Biochemical and Cellular Processes in Diverse Systems.National Science Seminar Complex.Indian Institute of Science, <b>Bangalore.</b>	<b>13<sup>th</sup> – 15<sup>th</sup> December 2010</b>
42	Direct and Derivative Spectrophotometric Determination of Copper (II) in Presence of Micellar	Proceeding of 12 <sup>th</sup> International Conference of International Academy of Physical Sciences held at	<b>22-24<sup>th</sup> December 2010</b>

	Medium in Beer, Wine, Biological Materials and Alloy Samples Using Cinnamaldehyde 4hydroxybenzoylhydrazone (CMHBH)	University of Rajasthan, <b>Jaipur.</b>	
43	Plant Made Therapeutic Proteins	Proceeding of 2 <sup>nd</sup> International Seminar on Medicinal Plants & Herbal Products. Department of Botany (DST –FIST), held at <b>S.V.University, Tirupathi.</b>	<b>27<sup>th</sup> -29<sup>th</sup> December 2010.</b>
44	In vitro – In vivo Correlation of floating drug delivery system of poorly water soluble drug	A Symposium on Current Trends in Pharmaceutical Sciences, BITS, Pilani, Hyderabad Campus, A.P.	<b>12<sup>th</sup> November, 2011</b>
45	Pharmacokinetic study of repaglinide floating drug delivery system in rabbits by rp-hplc method	63 <sup>rd</sup> Indian pharmaceutical congress, Bengaluru	<b>16-18 December 2011</b>
45	Iron(III) fluoride catalyzed synthesis of N-Substitued Pyrroles in water and its applications towards synthesis of various Pyrrolo(1,2- $\alpha$ ) quinoxalines D derivatives by C-C and C-N bond formation reactions	First Indian international symposium on Fluorine Chemistry ,at DELHI	<b>Feb, 2012</b>

### Foreign Visits:

- ❖ Visited Thailand on 21-01-2010 to 28-01-2010 and presented research papers in 4th “INTERNATIONAL CONGRES OF CHEMISTRY AND ENVIRONMENT” at Ubanrachathani University (Thailand).
- ❖ Visited Malaysia and Singapore on 26-05-2011 to 29-05-2011 and presented research papers in 5th “INTERNATIONAL CONGRESS OF CHEMISTRY AND ENVIRONMENT” at Port dicson (Malaysia).
- ❖ Visited SRILANKA (COLOMBO) on 20-22 June 2012 and presented research papers in “INTERNATIONAL CONFERENCE ON CHEMICAL SCIENCES” at Institute of chemistry Ceylon (SRILANKA).

- ❖ Visited MACAU(CHINA) on 29-31, August 2013 and presented a research papers in “INTERNATIONAL SYMPOSIUM ON ENGINEERING AND NATURAL SCIENCE (ISEANS)” at MACAU (CHINA).
- ❖ Visited ETHIOPIA on 04-11, January 2014 and presented seminar on “Analytical instrumentation-HPLC and UV-Visible Spectrophotometry” at GONDAR UNIVERSITY, GONDAR (ETHIOPIA).
- ❖ Visited DUBAI& ABUDHABI and Presented his Paper in 3rdInternational Conference conducted by Indian Council of Chemists Indian perspective held at DUBAI & ABUDHABI on 10-14 June 2014.
- ❖ Visited LUBECK, GERMANY and presented his research paper in 8th international conference INTERNATIONAL CONGRESS OF ENVIRONMENTAL RESEARCH (ICER-2016) on 27-28 JULY 2016.
- ❖ Visited BATAM, INDONESIA. and presented his research paper in 11th International Conference on Chemical, Agricultural, Biological, Healthcare and Environmental Sciences (CABHES- 2017) conducted by International Academy of Arts, Science and Technology.

### **Social Service Activities**

- ❖ Actively involved in Janma Bhoomi programmes of Government of Andhra Pradesh
- ❖ Organized plantation programmes, Blood Donation, Health Camps, Awareness Rally in JNTUA-OTPRI.
- ❖ Organised college events like college day, sports week and other cultural programmes in JNTUA-OTPRI.

### **Declaration:**

I hereby declare that the information furnished above is true to the best of knowledge

Prof K.B.Chandra Sekhar

Date: 10<sup>th</sup> January, 2019

Anantapur

### **References:**

- 1) Dr. N. Lingaiaha, Principal Scientist, IICT, Hyderabad, Mobile: 9866091227
- 2) Pro. Krishna Naik, Former VC, Rayalaseema University, Kurnool, A.P (Mobile No. 9440287366)
- 3) Prof P.Nageswararao, Professor of Chemistry, NIT Tadepalligudem, A.P (Mobile No.9849459417)