



**Prof.K.B.ChandraSekhar**

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

**Former Vice Chancellor, KrishnaUniversity, Machilipatnam**

**and**

**PROFESSOR of CHEMISTRY,**

**Jawaherlal Nehru Technological UniversityAnanatapur (A.P.)**



## Bio-data

**Name** : Prof. K.B. ChandraSekhar

**Parents** : (Late) Shri T.ArjunNaik  
Smt. T.TulasiBai

**OfficialAddress** : **Prof. of Chemistry**Jawaharlal Nehru  
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29, LIC Colony,  
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Ananthapuramu- 515 002,  
Andhra Pradesh

**E-mail** : chandrsekhar66kb@gmail.com

**Nationality** : Indian

**Religion** : Hindu

**CommunityandCaste** : Scheduled Tribe (S.T) and

**SugaliDate of Birth & PlaceofBirth** : 1<sup>st</sup>January, 1965  
&Ananthapuramu

### Educational Qualifications:

Degree	Institute/University	Year of passing	Class/ Division	Optional Subjects taken/ Specialization
<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 : AnanalyticalChemistry  
 Title : “Studies in the Chemistry of MetalPollutants”  
 Supervisor : Professor K.HussainReddy,  
 S.K.University,Anantapur.  
 Year of awardofPh.D : 2000

### ProfessionalExperience :

Designation	Employer	Period	Months/Years
Vice Chancellor	Krishna University Machilipatnam	07/01/2020 to 07/01/2023	3 Years
Professor	Registrar, JNT University Anantapur	03.03.2008	Till date
Associate Professor	Registrar, JNTUniversity, Anantapur	03-03-2000 to 02-03-2008	7 Years, 3 Months, 13 days
Assistant Professor (Lecturer)	Registrar, JNTUniversity, Hyderabad	10-01-1991 to 02-03-2000	10 Years, 1 Month
Senior Research	Central Silk Board,	20-10-90to	2 Months

Assistant	Madanapalli	01-01-1991	
Clerk	Canara Bank, Dharmavaram	1988-1990	2 Years

### Administrative Experience :

S. No.	Name of the post held	Organization / Institute	Experience
1	<b>Head, Dept. of Chemistry</b>	JNTU College of Engineering, Anantapur.	From 2001 to 31.8.2008 (7 Y, 6M)
2	<b>I/C Head, Dept. of Physics</b>	JNTU College of Engineering, Anantapur.	From 7.01.05 to 31.8.2008 (3 Y, 8M)
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 <b>(2Y, 8 DAYS)</b>
6	<b>Director of Evaluation i/c</b>	JNT University Anantapur, Anantapur	From 09-09-2010 to 20.09.2012 <b>(2 Y, 11 DAYS)</b>
7	<b>Director, Research &amp; Development</b>	JNT University Anantapur, Anantapur	From 20.09.2012 to 16.11.2014 <b>(2 Y, 1 M, 26 DAYS)</b>
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 <b>09.01.2020</b>
12	<b>Vice Chancellor</b>	Krishna University, Machilipatnam	From <b>08.01.2020</b> to <b>08.01.2023</b>

### 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 Bangalore organized by The Indus Foundation.
- ❖ Received the best research paper award by India Drugs Association-2005.

Teaching Experience: 32 years 3 Months.

## Subjects Taught:

Undergraduate courses	Post graduate courses
❖ Engineering Chemistry – Theory and Chemistry Lab.	❖ Inorganic Theory
❖ Physical Chemistry – Theory and Laboratory	❖ Analytical Chemistry-Theory
❖ Organic Chemistry – Theory and Laboratory	

## Invited Lectures:

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

## Research Experience and Guidance provided:

Total research experience : 30 years

- ❖ Guided 100 PhD and 1 M.Phil theses
- ❖ Presently, supervising 8 Research scholars for their Ph.

## D. Number of Research publications:

International Journals : 348  
National Journals : 127  
International Conferences : 22  
National Conferences : 38

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

Total Citations : 1816  
h-Index : 22  
i-10 Index : 54

## 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)	Ph.D	A study of analytical application of metal complexes in solution by spectrophotometric Studies	<i>Dec, 2004</i>
2.	B. Mallikarjuna Rao (Chemistry)	Ph.D	Stability indicating analytical methods for different classes of active pharmaceutical ingredients and other dosage forms	<i>Jan, 2007</i>
3.	M. Kameshwara Srinivas (Chemistry)	Ph.D	Impurity profiling and enantiomeric resolution of chiral pharmaceutical compounds by high performance liquid chromatography	<i>May, 2007</i>
4.	U. Sessa Chalam (Chemistry)	Ph.D	New HPLC method for pharmaceutical quality control of some antiretroviral drugs substances	<i>July, 2007</i>
5.	S. Anand Kumar Varma (Chemistry)	M.Phil	Quality assessment of potable water in Rajampeta and surrounding areas	<i>2007</i>
6.	V. Kiran kumar (Chemistry)	Ph.D	Derivative spectrophotometric determination of transition metal ions by using new organic reagents	<i>Mar, 2008</i>
7.	G. Narender Reddy (Chemistry)	Ph.D	Studies in the chemistry of metal complexes in solution state	<i>July, 2008</i>
8.	M. Rameswara Rao (Chemistry)	Ph.D	Synthesis and characterization of new organic reagents and spectrophotometric determination of metal ions	<i>May, 2009</i>
9.	P.Madhavan (Chemistry)	Ph.D	A Novel validated HPLC methods for chemical and enantiomeric separation of B-AMINOACIDS	<i>Sept, 2009</i>
10.	M. Mahesh Kumar (Chemistry)	Ph.D	Impurity Profiling, Chiral Analysis, UHPLC Method Development and Validation of Pharmaceutical Compounds	<i>Feb, 2011</i>
11.	K. Balakrishnan	Ph.D	Pharmacognostic Evaluation and	<i>Jan, 2011</i>

	<b>(Pharmacy)</b>		Hepatoprotective Activity of Some Natural Herbs	
12.	<b>K. Gnanaprakash (Pharmacy)</b>	<b>Ph.D</b>	Formulation and Evaluation of Floating Drug Delivery System of Anti Ulcer Drugs	<i>Feb, 2011</i>
13.	<b>D. Madhuri (Pharmacy)</b>	<b>Ph.D</b>	Direct and Derivative spectrophotometric determination of certain Pharmaceutical Drugs	<i>June, 2011</i>
14.	<b>M. Lalitha Devi (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.	<b>G.V.S. Vallinath (Chemistry)</b>	<b>Ph.D</b>	Studies in the Chemistry of Metal Complexes Using Organic Reagents	<i>Nov, 2011</i>
16.	<b>G. Chandrasekhar Reddy (Chemistry)</b>	<b>Ph.D</b>	Spectrophotometric determination of metal ions using organic reagents	<i>Nov, 2011</i>
17.	<b>M. Ramakotiah (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.	<b>Jeevanandham (Pharmacy)</b>	<b>Ph.D</b>	Retardation of drug release by using various natural Mucoadhesive materials.	<i>Jan, 2012</i>
19.	<b>K.Arunabai (Chemistry)</b>	<b>Ph.D</b>	Analytical Applications of Metal Complexes using chromogenic reagents by Spectrophotometric Methods	<i>Feb, 2012</i>
20.	<b>T. Ramanji Reddy (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.	<b>K. Saravanakumar (Pharmacy)</b>	<b>Ph.D</b>	Preparation and evaluation of Mucoadhesive Microspheres by using different polymers for few candidate drugs	<i>May, 2013</i>
22.	<b>Konda Ravikumar (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.	<b>S. Rajendra (Chemistry)</b>	<b>Ph.D</b>	Synthesis of Biologically important Functionalized Nitrobenzene containing Heterocyclic Compound.	<i>Mar, 2013</i>
24.	<b>M. Sreenivasulu (Chemistry)</b>	<b>Ph.D</b>	Synthesis of novel biologically active organic Compound	<i>Apr, 2014</i>
25.	<b>K. Arunkumar (Chemistry)</b>	<b>Ph.D</b>	Synthesis of novel biologically active heterocyclic compound	<i>Jan, 2014</i>
26.	<b>S. Angala Parameswari (Pharmacy)</b>	<b>Ph.D</b>	Investigation on Phytochemical Screening, Analytical, Microbiological And Pharmacological Activity of Different Ficus	<i>May, 2013</i>



			Species	
27.	V. Ravisankar (Pharmacy)	Ph.D	Conception and Evaluation of Suppositories Loaded Nano particulates as Drug Delivery System	Feb, 2014
28.	R. Prema (Pharmacy)	Ph.D	Screening herbal drugs for antimicrobial and cytotoxicity activities	May, 2014
29.	T. Bhaskar Kumar (Chemistry)	Ph.D	Novel synthetic approaches towards heterocycles and their evaluation as potential inhibitors of PDE4.	Oct, 2014
30.	Mantargi MohammedJaffar Saidiq (Pharmacy)	Ph.D	Investigation of Nigella SPS Its Therapeutic Potency	Aug, 2014
31.	L. Srikanth Reddy (Chemistry)	Ph.D	spectrophotometric determination of metal ions by using organic compounds	Sept, 2014
32.	N. Rajasekhar (Chemistry)	Ph.D	Synthesis, Characterization and Biological Evaluation of Some Novel Hydrazone Derivatives	Dec, 2014
33.	G. Suryanarayana Murthy (Chemistry)	Ph.D	Development and Validation of Analytical methods for Quantification of New Drugs by using High Performance Liquid Chromatography.	Nov, 2014
34.	M. Bala Venkata Narayana (Chemistry)	Ph.D	Development, Validation of HPLC Methods and Various Approaches for the Quantification of Genotoxic Impurities for some of the Pharmaceutical Ingredients	Apr, 2015
35.	SK. Rihana parveen (Pharmacy)	Ph.D	Formulation and evaluation of modified Release Dosage forms by using controlled Drug delivery system	Mar, 2015
36.	M. Muthukumaran (Pharmacy)	Ph.D	Formulation and Evaluation of Sustained Release Mucoadhesive Bilayer Tablets of The Active Medicament Using a Statistical Optimization Technique	July, 2015
37.	Moola Sampathkumar (Pharmacy)	Ph.D	Development and Validation of Different Drugs by Modern Analytical Techniques in Biological Matrices”	July, 2015
38.	M. Nareshchandra Reddy (Chemistry)	Ph.D	Development and Validation of high performance liquid chromatography method for analysis of drugs	Oct, 2015
39.	Sandeep Shelke (Pharmacy)	Ph.D	Phytochemical investigation and pharmacological screening of some Indian medicinal plants	Nov, 2015

40.	<b>Shalaka Kadam (Pharmacy)</b>	<b>Ph.D</b>	Isolation, characterization and pharmacological screening of some Indian medicinal plants	<i>Nov, 2015</i>
41.	<b>P. Nagarjuna Reddy (Chemistry)</b>	<b>Ph.D</b>	Synthesis, Characterization, Biological evaluation and electrochemical behavior of hetero cyclic compound	<i>Nov, 2015</i>
42.	<b>G. Rajan Bhagyasri (Chemistry)</b>	<b>Ph.D</b>	Studying GPII2P, AnN-Acetylglucosamyinylphosphotidylinositol (GLC NAC-PI)de-N-Acetylase from <i>Saccharomyces cerevisiae</i>	<i>Feb, 2016</i>
43.	<b>P. Veerabadra Swamy (Chemistry)</b>	<b>Ph.D</b>	Synthesis, Characterization, Biological evaluation of furan related heterocyclic compounds and methoxylated aryl hydrazone derivatives	<i>March 2016</i>
44.	<b>B.N. Naga Lakshmi (Chemistry)</b>	<b>Ph.D</b>	Spectrophotometric Determination Of Metal Ions Using Organic Reagents	<i>April 2016</i>
45.	<b>Saranya N (Biotechnology)</b>	<b>Ph.D</b>	Evaluation of PDE inhibitors in cancer - <i>In-Vitro, In-Vivo</i> Profiling	<i>November 2016</i>
46.	<b>Gandhi Nenavath (Environmental Science)</b>	<b>Ph.D</b>	Removal of chromium (vi) and fluoride from wastewater using different techniques	<i>November 2016</i>
47.	<b>Y. Dasthagiri Reddy (Pharmacy)</b>	<b>Ph.D</b>	Formulation and evaluation of antineoplastic drug loaded nanoparticles incorporated in sucralfate suspension as drug delivery system	<i>November 2016</i>
48.	<b>Y. Ismail (Pharmacy)</b>	<b>Ph.D</b>	Analytical method development and validation for the simultaneous estimation of multicomponent drugs in bulk and its dosage forms	<i>November 2016</i>
49.	<b>Nivedita (Pharmacy)</b>	<b>Ph.D</b>	Pharmacognostical, Phytochemical and Pharmacological studies on some red list medical plants distributed in and around nellore region	<i>JAN.2017</i>
50.	<b>Deepak Kumar (Pharmacy)</b>	<b>Ph.D</b>	Evaluation of Phytochemicals and Antidiabetic activity from Indian Medicinal Plants	<i>NOV2016</i>
51.	<b>K.Venkatesh (Chemistry)</b>	<b>Ph.D</b>	Synthesis, characterization and Anti microbial activity of transition metal complexes of Schiff base ligands.	<i>March 2017</i>
52.	<b>M. Ramamohan (Chemistry)</b>	<b>Ph.D</b>	Novel methodologies for the synthesis of Quinazolinones, Quinoxalines and their application in the total synthesis of naturally occurring	<i>April 2017</i>

			Quinazolinone Alkaloids	
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>Pulicariaweightiana</i> and <i>Cleome gynandra</i>	October 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	2017
59.	Cuddapah Rajaram (Pharmacy)	Ph.D	Evaluation of phytochemical constituents and pharmacological screening of some medicinal plants against rheumatism , epilepsy and parkinsonism.	2018 jan
60.	Raveesha Peeriga (Pharmacy)	Ph.D	Evaluation of Anti arthritic activity of <i>Myxopyrum smilacifolium</i> Blume, and <i>Pamburus missionis</i> Swingle	2018 Jan
61.	Hanumantharao Kandukuri (Pharmacy)	Ph.D	Development and Validation of 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	March 2018
63.	D. Naresh Kumar Reddy (Chemistry)	Ph.D	Development of environmentally benign methodologies for the synthesis of indole and pyridine derivatives	March 2018

64.	Narasimha Rao.B (Pharmacy)	Ph.D	<i>Dendritic scaffold for the delivery of CYCLOPHOSPHAMIDE and CYTARABINE- Anti- cancer drugs.</i>	<i>April 2018</i>
65.	P.Nagaveni (Pharmacy)	Ph.D	Formulation and evaluation of muco adhesive drug delivery of NATEGLINIDE, an Anti-diabetic drug.	<i>Oct 2018</i>
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	<i>2019</i>
67.	V.Swathikrishna (Pharmacy)	Ph.D	Preparatio, characterization and evaluation of GLIPIZIDE and EMPAGLIFLOZINE Spherical agglomerates by using natural polymer.	<i>2019 FEB</i>
68.	BritoRaj (Pharmacy)	Ph.D	Design, Development and Optimization of SIMVASTATIN and CARVEDILOLLOADED Nanostructured lipid carrier(NLC) as transdermal drug delivery.	<i>2019JAN</i>
69.	Yarikala Ramesh (Pharmacy)	Ph.D	Formulation and Development of Tropicamide In- Situ Gels loaded Solid Lipid Nanoparticles For Ocular Drug Delivery	<i>April 2019</i>
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	<i>2018 DEC</i>
71.	C.N.Prathushanaik (Chemistry)	Ph.D	Method development and validation for the estimation of DRUGS using Reverse phase high performance liquid chromatography.	<i>April 2019</i>
72.	V N A Sandhya Rani.N(Pharmacy)	Ph.D	Formulation and Evaluation of Phytosomes from Alkaloid Rich Fraction of <i>Alphonsea Sclerocarpa</i> for In-Vitro cytotoxic activity	<i>August 2019</i>
73.	Sreenivasa Charan .A(Pharmacy)	Ph.D	Development and validation of new analytical methods for different active pharmaceutical ingredients and finished pharmaceutical products	<i>August 2019</i>
74.	Shaik Muneer (Pharmacy)	Ph.D	Development and validation of stability indicating RP-HPLC method for selected active pharmaceutical ingredient.	<i>Sept 2019</i>
75.	P.Hashalatha (Chemistry)	Ph.D	Method development and validation of simultaneous determination of single and multi dosage forms of drugs using RP-HPLC	<i>2019 Oct</i>

			technique	
76.	<b>Harun Rasheed</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Preparation and Evaluation of Ethosomal and Niosomal Formulation of Oxiconazole Nitrate Using Different Polymers.	<b>2019</b> <b>Nov</b>
77.	<b>R .Pramodkumar</b> <b>(Chemistry)</b>	<b>Ph.D</b>	Development of Sensitive, Selective analytical methods for Pharmaceutical and its related compounds using various detectionsystems	<b>2019</b> <b>Nov</b>
78.	<b>P.GobalaKrishnan</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Synthesis, characterization and biological activity of substituted thiazole derivatives	<b>2019</b> <b>Nov</b>
79.	<b>D.Venkata Narayana</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Phytochemical and biological screening of seeds of <i>Buchanania Angustifolia</i> and leaves of <i>PouzoliaWightii</i>	<b>2019</b> <b>Dec</b>
80.	Zulfiqar Ahmed <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis, characterization and Environmental applications of NANO METAL OXIDES.	<b>2020</b> <b>Jan</b>
81.	<b>M.Pradeepkumar</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Bioavailability and dissolution enhancement of some poorly soluble drugs through NANO SUSPENSION formulation.	<b>June</b> <b>2020</b>
82.	<b>A.Kirankumar</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Method development and validation for simultaneous estimation of selected solid andliquid dosage forms by Reverse phaseULTRA high performance liquid chromatography.	<b>June</b> <b>2020</b>
83.	<b>Jagadish</b> <b>(Chemistry)</b>	<b>Ph.D</b>	Electro chemical and Electro catalytic behavior of modified carbon electrodes with ZnO, NiO andFe2O2 Nanoparticles.	<b>Nov 2020</b>
84.	<b>Afsar Shaik</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Evaluation of Anti- Fertility of selected medicinal plants in Animal Models.	<b>Mar 2020</b>
85.	<b>Sura Sreenivasa Rao</b> <b>(Chemistry)</b>	<b>Ph.D</b>	Development and validation of RP-HPLC methods for selected active pharmaceutical ingredients.	<b>Jan 2021</b>
86.	<b>G.Nagaraja Reddy</b> <b>(Chemistry)</b>	<b>Ph.D</b>	Synthesis, spectral characterization and biological screening of purazine derivatives as Anti-Tuberculosis agents.	<b>June</b> <b>2021</b>
87.	<b>G.Rajeswari</b> <b>(Pharmacy)</b>	<b>Ph.D</b>	Phytochemical and pharmacological screening of sidaglutinosa and pinus maritimus from southern part of andhrapradesh.	<b>May</b> <b>2021</b>

88.	<b>B.Archana</b> (Chemistry)	<b>Ph.D</b>	Photo catalytic and electro chemical applications of nano structured in organic materials.	<i>June 2021</i>
89.	<b>Kishore.B</b> (Pharmacy)	<b>Ph.D</b>	Design and delivery of nanoencapsulatedbiocompounds in the urolithiasis treatment.	<i>April 2021</i>
90.	<b>S.B.Tirumalesh Naik</b> (Pharmacy)	<b>Ph.D</b>	Formulation and evaluation of mini tablets filled hard gelatin capsules for preventing stroke in postoperative transient ischemic attack patients.	<i>Aug 2021</i>
91.	<b>M.Gayathri Ramya</b> (Pharmacy)	<b>Ph.D</b>	Development and biopharmaceutical evaluation of gastric floating drug delivery systems of captopril and atenolol using sintering technique.	<i>Aug 2021</i>
92.	<b>Satrasala Neelima</b> (Pharmacy)	<b>Ph.D</b>	An Investigation Of Antioxidant And Nephroprotective Activities Of Medicinally Important Plants:Annona Squamosa And Coccinia Indica	<i>Dec 2021</i>
93.	<b>Y Navya Reddy</b> (Pharmacy)	<b>Ph.D</b>	Evaluation and comparison of neuroprotective activity of citrus reticulata, citrus sinensis and camellia sinensis in type iii diabetes.	<i>Jan,2022</i>
94.	<b>Mr.Y. Anil Kumar</b> (Chemistry)	<b>Ph.D</b>	Analytical method development, validation and simultaneous estimation of active pharmaceutical ingredients by rp-hplc.	<i>July, 2022</i>
95	<b>M.Sabareesh(P</b> <b>harmacy)</b>	<b>Ph.D</b>	Proniosomalcarriers based gels for the transdermal administration of antihypertensive drugs-losartan potassium and enapril maleate: a study design.	<i>Sep, 2022</i>
96	<b>Mrs.C.Radhika</b> (Pharmacy)	<b>Ph.D</b>	Pharmacological evaluation of <i>Amaranthus Roxburghianus</i> and <i>Bombax Ceiba</i> for their anti rheumatoid activity in albino wistar rats.	<i>Dec, 2022</i>
97	<b>Mr. G.Gopi</b> (Pharmacy)	<b>Ph.D</b>	Design development and characterization of nicardipine HCl nanoparticulate formulations	<i>Dec, 2022</i>
98	<b>M.Krishnaveni</b> (Pharmacy)	<b>Ph.D</b>	Design and evaluation of vildagliptin floating drug delivery system using vigna mungo and abelmoschus esculentus natural polymers	<i>Nov, 2022</i>
99	<b>Mrs.B.Manjula</b> (Pharmacy)	<b>Ph.D</b>	Design development and characterization of Simvastatin and fluvastatin sodium liposomes loaded transdermal drug delivery system	<i>Jan 2023</i>

100	<b>Chandra Sekhar Rao</b> (Chemistry)	<b>Ph.D</b>	Polymorphic evaluation of pharmaceutical drug substances	<i>Feb 2023</i>
101	<b>Durga Srinivas Rao</b> (Pharmacy)	<b>Ph. D</b>	Formulation and evaluation of baclofen and tolperisonehydrochloride floating drug delivery system	<i>March 2023</i>
102	<b>T. Sailaja Rani</b> (Chemistry)	<b>Ph. D</b>	Synthesis, Characterization, biological evaluation and docking studies of organophosphorous-nitrogenheterocycles	<i>2023, april</i>
103	<b>V. Rama Krishna</b> (Pharmacy)	<b>Ph.D</b>	Formulation and pharmacokinetic evaluation of oral controlled drug delivery systems for improved stability and bioavailability	<i>2023, April</i>
104	<b>M. Bothiraju</b> (Pharmacy)	<b>Ph.D</b>	Intervention by pharmacist in cognitive pharmaceutical services	<i>May 2023</i>
105	<b>P. Yanadaiah</b> (Pharmacy)	<b>Ph.D</b>	Prevalence of depression in type II diabetes mellitus patients-evaluation of cognitive therapy in diabetes distress	<i>June, 2023</i>
106	<b>C, Bhuvaneshwara Rao</b> (Pharmacy)	<b>Ph.D</b>	Exploration of antioxidant and antidiabetic activity of medicinal plants against diabetic model in both In Vitro and In Vivo	<b>Dec, 2023</b>
107	<b>B. Swapna</b> (Chemistry)	Ph. D	Biosynthesis of silver and gold nano particles of different extracts of herbal plant materials and characterization by UV, FTIR and HPLC	<b>Feb-2024</b>
108	<b>M. Jhansi Rani</b> (Pharmacy)	<b>Ph. D</b>	Screening, Evaluation and formulations of selective herbal plants	<b>Submitted Oct 2023</b>
109	<b>M. Sudheer Kumar</b> (Pharmacy)	<b>Ph. D</b>	Development and validation of novel HPLC methods for the estimation of single and combinational drugs in bulk and dosage form	<i>Submitted May 2023</i>
110	<b>S. Hari Hara Sudan</b> (Pharmacy)	<b>Ph.D</b>	Screening, Production, Characterization and strain improvement of Antibiotic producing microorganisms from sea cucumber	<i>Submitted June, 2023</i>
111				

112		<b>Ph.D</b>		
113		<b>Ph.D</b>		



## List of Publications:

Total Number of Research Articles: 457

International Papers: 330

National Papers: 127

	<b>Title of the paper</b>	<b>Name of the Journal</b>	<b>Vol (Issue), Year, Pg. No.</b>
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 enzyI $\alpha$ - monoxime isonicotinoylhydrazone”.	<i>Indian J. Chemistry</i>	39A(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 diacetylmonoximebenzoylhydrozone”.	<i>Indian. J. Chem.</i>	40A (2001), 727
5.	“Derivative Spectrophotometric determination of Nickel(II) and copper(II) in alloys using diacetylmonoximeIsonicotionylhydrozone”.	<i>J. Indian Council of Chemists,</i>	18,2,(2001)1
6.	“Simultaneous second derivative spectrophotometric determination of Nickel(II) and copper(II) using diacetylmonoximeisonicotinoylhydrozone”.	<i>Indian J. Chem.</i>	41A(2002)1643
7.	Simultaneous second derivative spectrophotometric determination of Nickel(II) and copper(II) using diacetylmonoximebenzoyhydrozone(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- $\square$ -monoxime isonicotionyl hydrazone (BMIH)as a chromogenic reagent for spectrophotometric determination ofcopper(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 orderDerivative Spectrophotometric determination of Cobalt(II) using diacetylmonoxime Isonicotionylhydrozone (DMIH)	<i>Asian.J. Chem</i>	16(3-4)(2004) 1889
14.	Avalidated 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)	<i>Asian.J. Chem</i>	17(3)(2005)1767

	using diacetylmonoximebenzoylhydrozone(DMBH)		
16.	A validated chiral Liquid chromatographic method for the enantiomeric 14hem.14e14on of Ravastigminehydrozentartarate , a cholinesterase inhibitor	<i>J. Pharm. Biomed. Analysis (Elsevier)</i>	38,(2005) 320
17.	A validated chiral LC method for the Enantio selective 14hem.14e14 of tamsousin HCl and its enantiomer (S )-5-[2-[[2-(O-ethoxy phenoxy ) ethyl] amino ] propyl ]-2-ethoxy benzene supho( <i>Elsevier</i> )namide, mono HCl on 14hem.14e based stationary phase	<i>Indian drugs</i>	42(4)(2005)230
18.	A validated chiral LC method for the Enantiomeric 14hem.14e14on of Zolmitriptan key intermediate, ZTR-5	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	39(2005) 796
19.	A Stability indicating LC Method for Zolmitriptan	<i>J.Pharmaceutical and Biomedical analysis(Elsevier)</i>	39(2005) 503
20.	A validated Stability indicating LC 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 14hem.14e 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 14hem.14e14 of tamsulosin hydrochloride and development of validated specific stability indicating method	<i>Indian drugs</i>	43(1)(2006) 39
26.	Development and Validation of a specific stability indicating High performance liquid Chromatographic method for Rizatriptan benzoate	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	41 (2006) 1146
27.	Impurity profiling of Pharmaceutical compound by High performance liquid Chromatography using different detection system	<i>Indian drugs</i>	44(4)(2007) 284-289
28.	Chiral LC for 14 hem.14e14 on of the enantiomers of Abacavir sulphate	<i>Chromatographia</i>	64, (2006) 745-748
29.	A validated Chiral HPLC Method for the determination of enantiomeric purity of R-□-amino-□-(4-methoxyphenyl) propionic acid	<i>Chromatographia</i>	65, (2007) 81-84
30.	A rapid stability indicating LC method for Ziprasidone hydrochloride	<i>Chromatographia</i>	65( 2007) 191-196

31.	A validated Chiral LC Method for the determination of enantiomeric purity of Pemetrexedisodium on an 15 $\mu$ m. 15 $\mu$ m based chiral stationary phase .	<i>Chromatographia</i>	65(2007) 249-252
32.	Development and Validation of a reverse-phase liquid Chromatographic method for assay and related substances of abacavir sulfate.	<i>J. Sep. Science</i>	30, ( 2007), 28-34.
33.	Determination of Atazanavir in the presence of its Degradation products by stability indicating LC Method	<i>Chromatographia</i>	65, (2007) 355-358
34.	Development and Validation of A stability indicating LC method for determination of Emtricitabine and its related impurities in drug substance	<i>J. Sep. Science</i>	30(2007) 999-1004
35.	A novel validated LC method for quantization of Lopinavir in bulk drug and pharmaceutical formulation in presence of its potential impurities and degradation products	<i>Biomedical Chromatography</i>	21 (2007) 716-723
36.	Evaluation of laxative activity of kabzgul (An HERBAL CHURNA) in Rats	<i>Pharmacolog online</i>	1:511-515 (2007)
37.	Evaluation of laxative activity of CHITRAKADI VATI, An AYURVEDIC Formulation in Rats	<i>Pharmacolog online</i>	1:420-423 (2007)
38.	Enantiomeric drugs in Pharmaceutica industry importance ,regulatory requirements and analytical Technique	<i>Analytical Chemistry an Indian Journal.</i>	6(2)(2007) 35-42
39.	Derivative spectrophotometric determination of U(VI) by using 2-Hydroxy 3-Methoxy Benzaldehyde isonicotinylhydrazone reagent	<i>Asian. J. Chem.</i>	20(2)(2008) 1402-1410
40.	Derivative spectrophotometric determination of Ruthenium(III) by using Cinnamaldehyde isonicotinoylhydrazone (CINH)	<i>Asian. J. Chem.</i>	20 (3), (2008) 2197-2204
41.	Derivative spectrophotometric determination of Pb(II) by using Diacetylmonoxime-4-Hydroxybenzoylhydrazone	<i>Asian. J. Chem.</i>	20 (3), (2008) 2257-2263
42.	Validated Chiral Liquid Chromatographic Method for the Enantiomeric Separation of $\alpha$ -amino- $\alpha$ -(4-bromophenyl) propionic acid	<i>Analytical Chemistry an Indian Journal.</i>	6(2)9(2008) 65-69
43.	HPLC Analysis for Simultaneous Determination of Atorvastatin and Ezetimibe in Pharmaceutical formulations	<i>Journal of Liquid Chromatography and Related Technologies</i>	31, (2008) 714-721
44.	A novel Stability-indicating RP-LC Method for the Determination of Nelfinavir mesylate and its related impurities in substances and drug and Pharmaceutical Formulation .	<i>Journal of Liquid. Chromatography and rel. technologies</i>	31,(2008) 395-409
45.	Enantiomeric Separation of Tenofovir on an achiral C18 column by HPLC using L-Phenylalanine as Chiral mobile phase additive	<i>Journal of Liquid Chromatography and Related Technologies</i>	31,(2008) 410-420
46.	Sensitive derivative Spectrophotometric	<i>J. Indian council</i>	24(2)2007

	determination of Molybdenum (VI) using 3-methoxysalicylaldehyde-4-hydroxybenzhydrazone	<i>of chemists</i>	15-20
47.	A stability- indicating HPLC assay method for rosiglitazone maleate	<i>Analytical Chemistry an Indian Journal.</i>	7(5)(2008) 273-278
48.	Validated enantiospecific lc method for determination of ®-enantiomer impurity in (S)-efavirenz	<i>Pharmize</i>	63(2008)2 107-109
49.	Direct and derivative spectrophotometric determination of Vanadium (V) using 3-methoxysalicylaldehyde isonicotinoylhydrazone	<i>J. Pharm and Chem</i>	2(4)(2008) 194-198
50.	Determination of Thorium (IV) in presence of micellar medium by derivative spectrophotometric Technique	International J of Pure and Applied Chem (IJPAC).	3(2) 2008 97-103
51.	A validated, Specific, stability- indicating RP-LC method for analysis of Gatifloxacin in the presence of degradation products and process-related impurities	<i>Chromatographia</i>	69,(2009) 985-992
52.	A validated, Specific, stability- indicating RP-LC method for Moxifloxacin and its related substances	<i>Chromatographia</i>	69,(2009) 993-999
53.	A validated, stability- indicating RP-HPLC method for Levofloxacin in presence of degradation products, its process related impurities and identification of oxidative degradant	<i>J. Pharmaceutical and Biomedical analysis</i>	50,2009 710-717
54.	Formulation and in –vitro evaluation of floating drug delivery system for ranitidine hydrochloride	<i>j.iran university of medical sciences</i>	16 (1) (2009)135
55.	Formulation and evaluation of floating tablets of Famotidine	<i>j.iran university of medical sciences</i>	16 (1) (2009)136
56.	Behaviour of various Drug Release from Caesalpinia pulcherrima seed Polysaccharide.	<i>J. of chemical and pharmaceutical sciences.</i>	2(4) 2009, 215-221
57.	Formulation and evaluation of fast dissolving tablets of Valdecoxib	<i>I.J.Pharm Tech.Research</i>	1(4) 2009 1387-1393
58.	Formulation and evaluation of solid dispersions of SILYMARIN by using water soluble polymers	<i>j.chem.pharm.sci</i>	3(1) 2010 46-49
59.	Fabrication and evaluation of controlled release Amlodipine besylate microspheres	<i>I.J.Pharmacology and biological science</i>	4(1)2010, 107-112
60.	Formulation and evaluation of Naproxen sodium orodispersible tablets –A sublimation technique	<i>A.J.Pharmaceutics</i>	4 (1) 2010, 48-51
61.	HPTLC method development and validation for the estimation of Trandolapril in bulk and its Formulations	<i>AsianJ.Research Chem</i>	3(1) 2010 1-3
62.	RP-HPLC Method development and Validation for estimation of Capecitabine in Capsules.	<i>I.J.ofCemTech Research</i>	2(1) 2010 307-311
63.	RP-HPLC Method development and Validation for the simultaneous estimation of Cefoperazone and Sulbactam in Parenteral preparation	<i>I.J.ofCemTech Research</i>	2(1) 2010 752-755
64.	Direct and derivative spectrophotometric determination of copper(II) and Nickel(II) in	<i>IJPBS</i>	1(2)2010, 1-8

	beer,wine and Edible oils		
65.	Development and validation of a sensitive Bioanalytical method for the quantitative estimation of Pantoprazole in human sample by LC-MS/MS :Application to Bioequivalence study	<i>J.of.Chromatograp hyB</i>	878(2010) 1499-1505
66.	Degradation studies of Pentoxifylline isolation and characterization of a novel gem-dihydroperoxide derivative as major oxidative degradation product	<i>J. Pharmaceutical and Biomedical analysis(Elsevier)</i>	53, 2010 335-342
67.	Direct and derivative spectrophotometric Estimation of Gemifloxacin by chelation with Palladium(II)ion	<i>Rasayan...J.Chem</i>	3(1) 2010, 159-165
68.	Direct and derivative spectrophotometric Estimation of Gemifloxacin by chelation with Cr (III)ion	<i>Rasayan. J.Chem</i>	3(1) 2010, 9-15
69.	Spectrophotometric determination for Nitro imidazole derivative Ornidazole	<i>I.J.Pharmascience .Research</i>	1(3) 2010, 199-202
70.	Chemical Investigation and antimicrobial activity studies On various drosera species plants	<i>J.chemand.pharmac eauti cal sciences</i>	3(2)2010,116- 118
71.	Spectrophotometric determination of Gatifloxacin Through complexation with surfactant	<i>I.J.Pharmascience .Research</i>	1 (2)2010, 84-89
72.	Validation of Spectrophotometric determination of Rabeprazole using Ferric chloride (FeCl <sub>3</sub> )	<i>Int.J.Res.Pharm.Sci</i>	1 (2)2010, 209-211
73.	A Mild and Versatile Synthesis of Bis(indolyl)methanes Catalysed by Benzene sulfonic Acid	<i>synthesis</i>	2010
74.	Synthesis and Antimicrobial Screening of certain Novel Bases Bearing Pyrazolone Moiety	<i>J. Pharm and Chem</i>	4(2)2010, 45-49
75.	Direct and derivative spectrophotometric determination of Molybdenum(VI) in presence of micellar medium in food stuff, pharmaceutical samples and in alloys using Cinnamaldehyde -4-hydroxybenzoylhydrazone (CHBH)	<i>Res.J.Pharm.Biol .Chem.Sci</i>	3,2010 808-825
76.	Method development and validation of Montelukast in human plasma by HPLC coupled withESI-MS/MS:Application to bioequivalence study	<i>SciPharm</i>	78, 2010 411-422
77.	Studies on Pharmacognostical Specifications of Azima Tetracantha Lam.	<i>I.J.Phytopharmacology</i>	1 ,2010, 35-52
78.	Pharmacognostical and Preliminary Phytochemical Evaluation of Root of Ecbolium Viride[Forsk.] Alston.	<i>I.J.Pharmacy&amp;Therapeutics.</i>	1 2010, 25-31.
79.	Stability Indicating RP-HPLC Method Development and Validation for the Quantification of Tenofovir Disoproxil Fumarate in Bulk and its Dosage form	<i>International Journal of PharmTech Research</i>	9 (7), 240-249, 2016.
80.	Conseption and evaluation of Gemfibrozil as immediate drug delivery system	<i>J.Chemical and phram. Research</i>	2(2) 2010 590-597

81.	Direct and Derivative Spectrophotometric Determination of Zinc (II) using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone(DMHBIH)	<i>Res.J.Phram.Biol .Chem.Sci</i>	1(3) 2010 739-749
82.	Simultaneous Spectrophotometric Estimation of Simvastatin and Ezetimibe in Tablet Dosageform	<i>J.Pharmacy Research</i>	3(6),2010 1319-1321
83.	Direct and Derivate Spectrophotometric Determination of Cadmium (II) in Presence of Micellar Medium in Biological materials and in Alloy Samples Using Cinnamaldehyde-4-Hydroxy Benzoylhydrazone (CMHBH)	<i>IJ.Pharma&amp;BioSciences</i>	1(3) 2010 1-19
84.	Direct and Derivative Spectrophotometric Determination of Copper (II) using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone (DMHBIH)	<i>Journal of International Academy of Physical Sciences(JIAPS)</i>	14(1), 2010 123-130
85.	Simultaneous first order derivative spectrophotometric determination of Copper(II) and Cobalt(II) in mixtures	<i>R.J OF Chem and Environ</i>	Special issue 2010 200-203
86.	Spectrophotometric Determination of Iron (III) in presence of Micellar medium using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone (HDBIH)	<i>R.J OF Chem and Environ</i>	Special issue 2010 246-249
87.	Derivative Spectrophotometric Determination of Nickel (II) using 3,5-dimethoxy-4-hydroxybenzaldehyde isonicotinoylhydrazone (HDBIH)	<i>Rasayan .Journal of chemistry</i>	3(3) 2010 467-472
88.	Determination of Thorium (IV) by Derivative Spectrophotometric Technique.	<i>International Journal of Pharmaceutical Quality Assurance</i>	2(1), 2010 67-72
89.	Studies on fabrication of Baclofen SR matrix tablets; <i>In-vitro</i> release pattern overview	<b>Research Journal of Pharmaceutical, Biological and Chemical Sciences</b>	1 (2), 2010 70-77
90.	Direct and Derivative spectrophotometric determination of Gemifloxacin mesylate in pure form and pharmaceutical preparations using $\pi$ acceptors	<b>International journal of pharma science and research</b>	1(4)2010, 222-231
91.	Direct and Derivative Spectrophotometric Determination of Palladium (II) in presence of micellar medium in Hydrogenation catalyst samples, Synthetic alloy samples, Water samples using using 4-hydroxy 3,5-dimethoxy-benzaldehyde-4-hydroxybenzoyl hydrazone(HDMHBH)	<b>I J of Applied Biology and Phram Tech</b>	1(2)2010 643-659

92.	Fabrication and evaluation of oral tablets using natural mucoadhesive agent from seeds of <i>Caesalpinia Pulcherrima</i> (L)SW	Asian J Pharmaceutics	4(2)2010, 135-140
93.	Direct and Derivative Spectrophotometric Determination of Mercury(II) using Diacetylmonoxime benzoyl hydrazone (DMBH)	<b>I J of Applied Biology and Phram Tech</b>	1(3) 2010 754-761
94.	Sildenafil and N-desmethyl sildenafil quantification in human plasma by HPLC coupled with ESI-MS/MS detection: Application to bioequivalence study.	<b>Analytical Methods</b>	2, 2010 1043-1050
95.	Development and validation of a Sensitive bioanalytical method for the quantitative estimation of Pantoprazole in human plasma samples by LC-MS/MS: Application to bioequivalence study.	<b>Journal of Chromatography B</b>	878, 2010 1499-1505
96.	Quantifications of Entacapone in Human Plasma by HPLC Coupled to ESI-MS/MS Detection: Application to Bioequivalence Study.	<b>J Korean Chemical Soc</b>	54(4) , 2010 1-10
97.	Floating tablets of Ranitidine HCl with natural polymer: An approach for gastric treatment.	<b>Int.J.Pharm. &amp; Health Sci.</b>	1(2) , 2010 109-115
98.	Floating tablets of Famotidine with natural polymer: An approach for gastric treatment.	<b>J.Pharm. Sci. &amp; Res.</b>	2(10) , 2010 657-662
99.	Anti-Hyperglycemic activity of ethanol extract of <i>Annona Squamosa</i> Root in Streptozotocin-induced Diabetic rats	<b>Inventirapid:Ethno pharmacology</b>	1(3) 2010 217
100.	Studies on some physicochemical properties of LEUCAENA LEUCOCEPHALA BARK GUM	<b>J.Adv.pharm.Tech .Res</b>	1(2) 2010 253-259
101.	A Validated, Stability – Indicating RP-HPLC method for Amasacrine and its – Related Substances	<b>Journal of Chromatographic Science</b>	49, 2010 489-494
102.	Achiral bis-imine in combination with COCl <sub>2</sub> : A Remarkable effect on enantioselectivity of lipasemediated acetylation of racemic secondary alcohol	<b>Belistein .J. Org. Chem</b>	6,2010 1174-1179
103.	Direct and Derivative Spectrophotometric Determination of nickel (II) in Presence of Micellar Medium in Edible Oils, Plant Materials and in Alloy samples using Cinnamaldehyde -4-Hydroxy Benzolhydrazone (CMHBH)	<i>Journal of Pharmaceutical and Biomedical Sciences</i>	1(06) 2010 06
104.	Direct and Derivative Spectrophotometric Determination of Palladium (II) in Presence of Micellar Medium in Hydrogenation Catalyst samples, Synthetic Alloy samples and in Water samples using 4-hydroxy 3,5 Dimethoxy Benzaldehyde -4-Hydroxy Benzolhydrazone (HDMBHBH)	<i>International Journal of applied Biology and Pharmaceutical Technology</i>	1(2) 2010 643

105.	Comparative Study of Palladium (II) using 4-Hydroxy 3,5 dimethoxy benzaldehyde 4-Hydroxy Benzoyl Hydrazone and Cinnamaldehyde 4-Hydroxy benzoylhydrazone in presence of 20icellar medium by Spectrophotometry	<i>International Journal of Pharma Sciences and Research</i>	1(8)2010 301-311
106.	Development of liquid chromatographic enantiomeric separation methods and validation for the estimation of ®-enantiomer in Eslicarbazepine acetate	<i>J. Pharmaceutical and Biomedical analysis</i>	54,2011 248-251
107.	Drug release studies from caesalpinia pulcherrima seed polysaccharide	<i>Iranian Journal of pharmaceutical research</i>	10 (3), 2011, 597-603.
108.	1,3-Bis(2,4,6-trimethylphenyl) imidazolium chloride in combination with triethylamine: an improved catalytic system for hydroacylation/reduction of activated ketones	<b>Tetrahedranletters</b> (Elsevier)	52 2011 727-732
109.	Degradation Studies of Triprolidine : Isolation, Characterization of Oxidative Degradation products and Development of a Validated stability Indicating UHPLC Method	<i>J. Liquid Chromatography &amp; Related Technologies,</i>	34,2011 652-669
110.	Simultaneous determination of Nickel (II) and copper (II) using 3-methoxysalicylaldehyde-4-hydroxybenzoylhydrazone (MSHBH) By first order Derivative Spectrophotometric technique	<i>Archives of A SR</i>	3(1)2011 462-471
111.	A Comparative Study of Nickel(II) using 4-hydroxy 3,5- dimethoxy benzaldehyde 4-hydroxy benzoylhydrazone and Cinnamaldehyde 4-hydroxy benzoylhydrazone in presence of 20icellar medium by 20icellar 20optometry	<i>International Journal of ChemTech Research</i>	3(1), 2011 506-515
112.	A Comparative Study of Cadmium(II) using 4-hydroxy 3,5- dimethoxy benzaldehyde 4-hydroxy benzoylhydrazone and Cinnamaldehyde 4-hydroxy benzoylhydrazone in presence of 20icellar medium by 20icellar 20optometry	<i>International Journal of Analytical and Bioanalytical Chemistry</i>	1(1), 2011 1-8
113.	Derivative spectrophotometric Determination of Ruthenium (III) using Diacetyl Monosime Isonicotinoyl Hydrazone (DMIH)	<i>R. J. Chem . Environ</i>	15(1), 2011 55-58
114.	Sensitive Derivative Spectrophotometric Determination of Palladium (II) Using 3,5- Dimethoxy-4-hydroxybenzaldehyde isonicotinoyl hydrazone in presence of Micellar medium	<i>Derpharma Chemica</i>	3(2)2011 358-369
115.	A Validated Stability-indicating RP-HPLC Assay method for Amsacrine and its Related substances	<i>Journal of Chromatographic sciences</i>	49-2011 6 1-
116.	Synthesis of (Z)-3-Amino-1-isonicotinyl-4-(2-(4-Substituted Phenyl) hydrazono)-1H-Pyrazol-5(4H)-one derivatives	<i>Research Journal of Chemistry and Environment.</i>	15 (02) – 2011, 639



117.	Synthesis, Characterization and antimicrobial activity of transition metal complexes of Schiff base	<i>International journal of Chemtech Research</i>	03 (02) – 2011, 676-679
118.	Direct and derivative spectrophotometric determination of cadmium (II) using 3,5-Dimethoxy-4-Hydroxy benzaldehydeisonicotinoyl hydrazone(DMHBIH)	<i>Research Journal of Chemistry and Environment.</i>	15 (02) – 2011, 830
119.	Synergistic Mechanism of ZnFe <sub>2</sub> O <sub>4</sub> /ZnO Nanopowder in Photocatalytic Degradation of Acid Orange 7	<i>Asian Journal of Chemistry</i>	30 (03) , 2018, 607-612
120.	A study on Antiepileptic Activity of Eugenol Excluded Aqueous Extract of Eugenia Caryophyllus.	<i>Journal of Advances in drug Research</i>	01 (02), 2011, 55 – 59.
121.	A Review on Floating Drug Delivery System of H <sub>2</sub> Receptors	<i>Research J. Pharm &amp; Tech</i>	4 (4), 2011 502 – 509
122.	Evaluation of Ethanolic Leaf Extract of Dioscorea Hispida Dennst. For Anti-Inflammatory and Analgesic Activities	<i>J. Pharm &amp; Ind . Res</i>	1 (2), 2011 83-89
123.	Phytochemical Studies and anti-bacterial activity of aerial root of Ficus bengalensis	<i>Research in Photochemistry &amp; Pharmacology</i>	1(2), 2011 83-87
124.	Direct and Derivative Spectrophotometric Determination of Cobalt (II) in Presence of Micellar Medium in real Samples using Cinnamaldehyde-4-Hydroxy Benzoylhydrazone (CMHBH)	<i>International Journal of Organic and Bioorganic Chemistry</i>	1(1), 2011 1-7
125.	A Comparative of Cobalt (II) using 4-Hydroxy 3, 5 Dimethoxy Benzaldehyde 4-Hydroxy Benzoyl Hydrozone and Cinnamaldehyde 4-Hydroxy Benzoylhydrazone in Presence of Micellar Medium by Spectrophotometry	<i>International Journal of Pharma and Bio Sciences</i>	2(1) 2011
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403.	Superior Photocatalytic Hydrogen Evolution Performances of WS <sub>2</sub> over MoS <sub>2</sub> Integrated with CdS Nanorods	<i>The Journal of Physical Chemistry C (Elsivier)</i>	124 (27),2020,1448 5-14495.
404.	Use of sintering method in the design of floating drug delivery systems	<i>International Journal of Pharmaceutical Research</i>	12 (2), 2020, 615-621
405.	A study on effect of thermal sintering on gastric floating tablets	<i>IJPSR</i>	11 (4), 2020, 1868-1873.
406.	Design and evaluation of ciprofloxacin floating tablets using thermal sintering technique	<i>IJPSR</i>	11 (4), 2020, 1879-1884.
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410.	A study on prevalence of medication errors in a multispecialty hospital.	<i>IJPSR</i>	11 (5), 2020, 2444-2447.
411.	Comparative Study of Anti-arthritis Activity of ethanol Extract of <i>Myxopyrum smilacifolium B.</i> and of <i>Pamburusmissionis S.</i>	<i>Journal of Interdisciplinary Cycle Research</i>	7 (9), 2020, 1207-1213.
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413.	A study on paramountcy of cognitive pharmaceutical care in drugdruginteraction among in patients.	<i>IJPSR</i>	11 (1), 2020, 432-437.
414.	Antiuro lithiatic activity of bioactive compounds of <i>Berberis asiatica</i> loaded chitosan nanoparticles toward Ethylene glycol activated urolithiasis in albino wister	<i>Journal of Critical Reviews</i>	7 (5), 2020, 2400-2409.

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417.	Evaluation of Antiuro lithiatic Activity of Asparagus Racemosus on In Vitro Calcium Oxalate Crystallization Methods.	<i>IJLPR</i>	<i>10 (5), 2020, 56-61.</i>
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419.	Drug polymorphism identification using fourier transform-raman spectroscopy: a comparative study of lamivudine and finasteride drugs	<i>Asian J Pharm Clin Res</i>	<i>14 (1), 2021, 77-82.</i>
420.	Nephroprotective activity of Annona Squamosa leaves against paracetamol induced nephrotoxicity in rats: in vitro and in vivo experiments	<i>Future Journal of Pharmaceutical Sciences</i>	<i>6, 2020, 1-8</i>
421.	Identification and Detection of Finasteride Polymorphs in Finasteride Tablets by FT-Raman Spectroscopy	<i>Asian J. Chem.</i>	<i>32 (8), 2020, 1865-1868.</i>
422.	A novel approach in designing enteric-coated antiplatelet drug for bypassing stomach and gastric irritation	<i>Asian J Pharm Clin Res</i>	<i>13 (11), 2020, 164-167.</i>
423.	Fabrication and Evaluation of Mini Tablet Filled Capsules for the Prevention of Post Bypass Surgery Heart Stroke	<i>Int J Cur Res Rev</i>	<i>13 (2), 2021, 18-25</i>
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425.	Phytochemical screening of ethanolic extract of whole plant of sidaglutinosa	<i>Asian J Pharm Clin Res</i>	<i>13 (4), 2020, 65-74.</i>
426.	A novel immunomodulatory activity of sidaglutinosa-a magical indian tradition medicine	<i>J. Global Trends Pharm Sci</i>	<i>11 (4), 2020, 8791-8800</i>



427.	Preliminary phytochemical screening, RP-HPLC, HPTLC and anti-oxidant studies of <i>Pinus maritimus</i>	<i>International Journal of Green Pharmacy</i>	<i>14 (3), 2020, 293-303.</i>
428.	Synthesis, characterization and supercapacitor electrode performances of VS <sub>2</sub> nanosheets	Materials Today: Proceedings	
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430.	Nephroprotective Activity of <i>Annona Squamosa</i> Extract on Amphotericin B-Induced Nephrotoxicity through In-Vitro and In-Vivo Models	International Journal of Pharmaceutical Research	<i>13 (2), 2021, 4090-4097.</i>
431.	Synthesis, Characterization, Antimicrobial Evaluation And Docking Studies Of 3-(2-(2-Oxido)-(4-Substituted Phenoxy)-Benzo[D]Dioxaphosphol-4-Oxothiazolidin-Thiophene-2-Carboxamides	EJPMR	<i>8 (3), 2021, 462-470.</i>
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434.	Stability Indicating Analytical Method Development and Validation for the Estimation of Rimegepant in Bulk and Its Tablets Using Rp-HPLC	Journal of Pharmaceutical Research International	<i>33 (4), 2021, 41-49.</i>
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437.	Combination Effect of Natural and Synthetic Polymers in Extending the Release of Tolperisone HCl from its Effervescent Floating Tablets	Research J. Pharm. and Tech.	<i>14 (1), 2021, 171-178.</i>

438.	Formulation and Evaluation of Cilnidipine Solid Dispersions and Oral Controlled Release Tablets	IJLPR	<i>12 (1), 2022, 103-110</i>
439.	Formulation and Evaluation of Metoprolol Controlled Release Formulations	JPRI	<i>33 (55B),2021, 122-132</i>
440.	Preparation and Evaluation of Captopril Oral Floating Controlled Release Formulations	JPRI	<i>33 (44B),2021, 442-452</i>
441.	Pharmacoepidemiology and Drug-Drug interactions in various regions of Andhra Pradesh	IJRPS	<i>12 (1), 2021, 248-253.</i>
442.	Novel Nanoproniosomal Vesicular carriers for the effective and efficient Drug Delivery: Fundamentals, Recent Advancements and Applications	Research J. Pharm. and Tech.	<i>14 (11), 2021, 6155-6165.</i>
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447.	Design, development and characterization of nanoparticularnicardipine capsule 20mg	IJBPAS	<i>10 (9), 2021, 402-414.</i>
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450.	Screening and isolation of antibiotic-producing microbes from sea cucumber and testing their broad-spectrum activity	International Journal of Green Pharmacy	14 (3), 2020, 316-319
451.	Simultaneous stability indicating HPLC method development and validation for the estimation of selected antiviral agents in bulk and Pharmaceutical Formulation	IJRPS	11 (4), 2020, 5179-5186.
452.	Quantification of tofacitinib in human plasma samples using radio labelled internal standard	JPRI	33 (46A), 2021, 22-29.
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454.	Pharmacological screening of <i>Amaranthus roxburghianus</i> total flavonoids for anti arthritic activity in Freund's complete adjuvant- induced arthritis rat model	Bioscience Biotechnology Research Communications	14 (2), 2021, 728-733
455.	Design and characterization of liposomal loaded gels for transdermal drug delivery of fluvastatin sodium	IAJPS	7 (9), 2020, 698-706
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457	Comparative in vivo evaluation of simvastatin after oral and transdermal administration in rabbits.	Current trends in Biotechnology and pharmacy.	16(2) 2022,1-8
458	Exploration of Anti and Antidiabetic Activity of <i>Morus Alba</i> Against Diabetic Model in Both In vitro and In vivo	Strad Research	9(6),2022,139-152
460	Study of Antioxidant and Antidiabetic Activity of <i>Ocimum lamiifolium</i> against diabetic model in both in vitro and in vivo journal of xidian university	Strad Research	16(6),2022,92-107
461	Study of Antioxidant and Antidiabetic Activity of <i>Ageratum Littorale</i> Against Diabetic Model in Both In vitro and In vivo	Dickensian journal	2(26),2022,441-456

462	Evaluation of a Mindfulness Based cognitive Therapy in Patients of Diabetics Distress	International journal of scientific research	11(10),2022, 1-4
463	Stability indicating reverse phase (RP)-high performance liquid chromatography method development and validation for the simultaneous estimation of olanzapine and samidorphan in bulk and tablet	Egyptian Pharmaceutical journal	21(1),2022,89
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467	Formulation and evaluation of cilnidipine solid Dispersions and oral controlled Release Tablets	IJLPR	12(1),2022,103-110
468	Pharmacognostic and phytochemical analysis of oxalis latifolia kunth and their Antiulcer Activity in Albino Rats	Future journal of pharmaceutical and helath sciences	3(2), 2023,193-205
469	An effective room temperature nuclear iodination of aromatic compounds using molecular iodine and ammonium acetate	Monatshefte fur Chemie-Chemical Monthly (Springer)	154, 2023, 809-813

#### **Annexure-IV**

**Google Scholar: (Efficiency of the Research Work)**



### Dr. K.B.Chandra Sekhar

Professor of Chemistry and Director of Oil Technological Research Institute, JNTUA.  
Verified email at jntua.ac.in - [Homepage](#)  
Analytical Chemistry Organic Chemistry Pharmaceutical Sciences

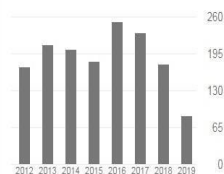
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TITLE	CITED BY	YEAR
FeF <sub>3</sub> as a novel catalyst for the synthesis of polyhydroquinoline derivatives via unsymmetrical Hantzsch reaction KB Chandrasekhar Journal of fluorine chemistry 135, 91-96	77 *	2012
Expression of pigeonpea hybrid-proline-rich protein encoding gene ( <i>CcHyPRP</i> ) in yeast and <i>Arabidopsis</i> affords multiple abiotic stress tolerance B Priyanka, K Sekhar, VD Reddy, KV Rao Plant Biotechnology Journal 8 (1), 76-87	76	2010
Isolation and characterization of a pigeonpea cyclophilin ( <i>CcCYP</i> ) gene, and its over-expression in <i>Arabidopsis</i> confers multiple abiotic stress tolerance K Sekhar, B Priyanka, VD Reddy, KV Rao Plant, cell & environment 33 (8), 1324-1338	72	2010
Metallothionein 1 ( <i>CcMT1</i> ) of pigeonpea ( <i>Cajanus cajan</i> , L.) confers enhanced tolerance to copper and cadmium in <i>Escherichia coli</i> and <i>Arabidopsis thaliana</i> K Sekhar, B Priyanka, VD Reddy, KV Rao Environmental and Experimental Botany 72 (2), 131-139	67	2011

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Citations	1816	1133
h-index	22	16
i10-index	54	35



Co-authors  
[Dr. N. Divyana](#)

## Annexure-V

### Research gate: (Efficiency of the Research Work)



### Chandrasekhar Kothapalli Bannoth

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### Conferences Attended/Presented:

S. No	Title of the Paper	Name of the Conference/Seminar (National/International)	Date,Month, Yearand pageNo.
1.	Analytical properties of diacetylmonoximeisonicotinoyl 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>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 <i>Second International Seminar on Analytical Techniques in Monitorin the environment</i> held onat <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 (Environment al session)
4.	Simultaneous derivative spectrophotometric determination of nickel (II) and copper (II) using diacetylmonoximeisonicotinoyl 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 <b>2001</b>
5.	Simultaneous second derivative spectrophotometric determination of nickel(II) and copper(II) using diacetylmonoximebenzoylhydrazone (DMBH) -	Proceedings of <i>38<sup>th</sup>Annual Convention of Chemists</i> , 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 enzy- -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, <b>2002</b>

7.	Removal of toxic hexavalent chromium (VI) by the adsorption of active carbons of Simaroubashells– ..	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>	Aug26-28, 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, <b>2002</b> , 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, Jabalpur</b>	on 24-26 oct, 2002
10.	Second order derivative spectrophotometric determination of nickel (II) –	Proceedings <i>22<sup>nd</sup>Annual Conference</i> of Indian Council of of Chemists, held at <b>IIT, Roorkee</b>	on 17-19, Oct 2003
11.	Benzil- -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>PunjabUniversity, 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>PunjabUniversity, 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 p1-3.
14	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxybenzoyl hydrazone	Proceedings of <i>National conference</i> on “Chemical Sciences for industry and society” held at <b>KeveempuUniversity, Shimoga,</b>	January 6-8,2006, P.20

		<b>Karnataka</b>	
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>KeveempuUniversity</b> , Shimoga, Karnataka	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 Vanadium (V) diacetylmonoximeisonicotinoyl hydrazone (DMIH)	Proceedings of <i>National Seminar</i> on “Role of chemistry in emerging areas of Biology and Industrie(RCEABI – 2006)” held at Dept.ofChemistry, <b>Sri Krishna devaraya University</b> , Anantapur,A.P	March 24-25,2006, p.103(pp58)
18	Drivative 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</b> , Anantapur,A.P	March 24-25,2006, p.120(PP 75)
19	First order derivative spectrophotometric determination of Fe(III) using diacetylmonoximebenzoylhydrazone (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.ofChemistry <b>MangaloreUniversity, Mangalore.</b>	13-14,2006, p27(40)
21	Determination of Al (III) using New Chromogenic reagent by the	Proceedings of <i>National Conference Chemistry –2006</i> , <b>Banglore university</b> ,	(27-29 Sept) 2006, Pp 87,



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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> <b>Indian Science Congress</b> , 2008, held at AndhraUniversity, <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> <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 GhasidasUniversity, <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 GhasidasUniversity, <b>Bilaspur.</b>	(12-14 <sup>th</sup> Jan) 2008, p 63 (O-60)
28	Direct and DerivativeSpectrophotometric determination of Molybdenum (VI) using 3-methoxysalcialdehyde-4-hydroxybenzoylhydrazone in presence of	Proceedings of <b>Silver Jubilee International conference</b> , Conference of International Academy of Physical Sciences ( <b>CONIAPS-X</b> ), held at Guru	(12-14 <sup>th</sup> Jan) 2008, p 214 (Y-3)

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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-propanaldehydeisonicotinoylhydrazone 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	Simultaneous First order Derivative Spectrophotometric Determination of Copper(II)and Cobalt(II) in mixtures.	4 <sup>th</sup> international congress ofChemistry 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 DerivativeSpectrophotometric 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>February , 2010.</b>
37	Direct and Derivative Spectrophotometric Determination of Iron (III) in presence of	11 <sup>h</sup> international conference of the international academy of physical	<b>20<sup>th</sup> – 22<sup>nd</sup> February, 2010.</b>

	Micellar Medium using 4-Hydroxy-3,5-dimethoxybenzaldehyde 4-hydroxy benzoylhydrazone(HDMHBH)	sciences(CONIAPSXI), held at university of Allahabad, <b>Allahabad.</b>	
38	Derivative Spectrophotometric Determination of Nickel (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>
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 isonicotinoylhydrozone ( 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>
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, GaertnerfOn 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	Proceeding of 12 <sup>th</sup> International	<b>22-24<sup>th</sup> December</b>

	Determination of Copper (II) in Presence of Micellar Medium in Beer, Wine, Biological Materials and Alloy Samples Using Cinnamaldehyde 4hydroxybenzoylhydrazone (CMHBH)	Conference of International Academy of Physical Sciences held at University of Rajasthan, <b>Jaipur</b> .	<b>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-hydroxy benzaldehyde benzoylhydrazone (DMBBH) in presence of surfactant C-TAB.	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>
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	63 <sup>rd</sup> Indian pharmaceutical	<b>16-18 December</b>

	floating drug delivery system in rabbits by rp-hplc method	congress,Bengaluru	<b>2011</b>
53	Resin Catalyzed Synthesis of N-Substitued Pyrroles in Water and its Applications towards Synthesis of Various Pyrrolo-[1,2- $\alpha$ ] Quinoxaline Derivatives by C-C and C-NBond Formation Reactions	International Conference on Chemical Sciences held at Waters Edge, Capital City & Sri Lanka FoundationInstitute, Colombo07	<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 Alloys and Biological Samples.	International Conference on Chemical Sciences held at Waters Edge, Capital City & Sri Lanka FoundationInstitute, Colombo07	<b>20-22 June 2012</b>
55	Iron(III) fluoride catalyzed synthesis of N-Substitued Pyrroles in water and its applications towards synthesis ofvariousPyrrolo(1,2- $\alpha$ ) quinoxalines D derivates 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 <b>MACAU (CHINA)</b> .	<b>Aug, 2013</b>
57	Analytical instrumentation-HPLC and UV-VisibleSpectrophotometry	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 <b>DUBAI &amp; ABUDHABI</b>	<b>June, 2014</b>
59	Removal of fluoride by using Citrus limon peel powder as naturalcoagulant	8 <sup>th</sup> international conference International Congress OF Environmental Research (ICER-2016) <b>LUBECK, GERMANY</b>	<b>July 2016.</b>

60	Tissue distribution, cytotoxicity and pharmacokinetic studies of multifunctional citric acid dendrimers using the drugcyclophosphamide	11 <sup>th</sup> International Conference on Chemical, Agricultural, Biological, Healthcare and Environmental Sciences (CABHES- 2017), <b>BATAM, INDONESIA.</b>	<b>Aug, 2017</b>
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### Text Books / Monographs Authored:

1. **Engineering Chemistry**, Published by Sitech Publication, 2009.
2. **Chemistry laboratory manual**, Published by SM Enterprises, 2001.
3. **Instrumental Methods of Pharmaceutical Analysis Practical Text**, Published by Taurus Publishers, 2017.
4. **The DBS Handbook of Drugs**, Published by DBS imprints, 2022.
5. **Validated QC Analytical Methods for Elemental Quantification in API**, Published by Lambert Academic Publishing, 2022.
6. **Neuroprotective Activity in Type 3 Diabetes**, Published by Lambert Academic Publishing, 2022.
7. **Investigation of Antioxidant and Nephroprotectivity of Annona Squamosa**, Published by Lambert Academic Publishing, 2022.
8. **Antiarthritic activity of Myxopyrum milacifolium & Pamburus missionis**, Published by Lambert Academic Publishing, 2022.

### Patent Published

Published patent on 25-02-2022 with Application number 202241008055 titled Quick response codes for pharmaceutical dosage forms identification and information retrieval.

### Other Experiences:

#### Examiner:

- ❖ Nagarjuna University, Nagarjuna Nagar, Guntur
- ❖ Andhra University, Visakhapatnam
- ❖ AP state level competitive examinations
- ❖ SV University, Tirupati
- ❖ KL Deemed to be University, Guntur
- ❖ 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>Chairman</b> , Boards of Studies in Chemistry	2002-2010
3	Jawaharlal Nehru Technological University College of Engineering Anantapur.	<b>Member</b> , College Academic Council	2009 to 2011

4	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman</b> , Boards of Studies in Chemistry (PG)	2010-2012
	Center for Sri devi Research Foundation	<b>Member, Boards of Studies</b>	2010-2012
5	Annamacharya Institute of Technology and Science, Rajampeta (Autonomous), Kadapa, A.P.	<b>Member, Boards of Studies</b>	2011-2013
6	Lakkireddy Balireddy College of Engineering, Mylavaram, A.P.	<b>Member, Boards of Studies</b> <b>in Chemistry</b>	2014-2016
7	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman</b> , Boards of Studies in Chemistry (PG)	2014 -2016
8	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman</b> , Boards of Studies in Pharmacy (UG)	2014-2016
9	Sree Vidyanikethan college of Engineering (Autonomus) A.Rangampeta.	<b>Member</b> Boards of Studies in Chemistry (University nominee)	2014-2016
10	University of Mysuru, Mysore	<b>Chairman</b> , BOS, Sugar Technology	2015-2017
11	Jawaharlal Nehru Technological University Kakinada, Kakinada	<b>Member</b> Boards of Studies in Chemistry	2016-2018
12	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman</b> , Boards of Studies in Pharmacy (PG)	2016-2018.
13	Jawaharlal Nehru Technological University Anantapur, Ananthapuramu	<b>Chairman</b> , Research Advisory Committee in Biotechnology	2016-2018.
14	University of Mysuru, Mysore	<b>Member</b> , BOS, Sugar Technology	2017-2018
15	Jawaharlal Nehru Technological University Anantapur, ANANTHAPURAMU	<b>Member Academic Senate</b>	2016-2018.
16	Siddharth Institute of Engineering and Technology	<b>Member</b> Boards of Studies in Chemistry	2018-2019
17	Sri Sai Baba National Degree College	<b>Member</b> Boards of Studies in Food Technology	2018-2019
18	G. Pullaiah College of Engineering and	<b>Member</b> Boards of Studies	2018-2019



	Technology	in Chemistry	
19	University of Mysuru, Mysore	<b>Member, BOS, Sugar Technology</b>	2017-2019
	S.K.University, Ananthapuramu	<b>Chairman, BOS, Polymer Science and Technology</b>	2019-2021
21	JNTUA College of Engineering, (Autonomous) Pulivendula	<b>Member Boards of Studies in Chemistry</b>	2019-2021
22	JNTUA College of Engineering, (Autonomous) Ananthapuramu	<b>Member Boards of Studies in Chemistry</b>	2019-2021
23	Jawaharlal Nehuru Technological University Anantapur	<b>Chairman, Boards of Studies in Chemistry</b>	2019-2021
24	Jawaharlal Nehuru Technological University Kakinada, College of Engineering ,Vizayanagaram	<b>Member, Boards of Studies in Chemistry</b>	2019-2021
25	A.P Akademi of Sciences	<b>Fellow member(Life)</b>	From 2019 to till date

### 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 Academic Council (University nominee) for Rajiv Gandhi Memorial college of engineering and Technology, Nandyal (Autonomous), Kurnool (Dt),A.P.
- ❖ Member of governing body (University nominee) for Annamacharya Institute of Technology and Science, Rajampet (Autonomous), Kadapa,A.P.
- ❖ Member of Academic Council (University nominee) for G. Pullareddy college of Engineering (Autonomous), Kurnool, A.P. Sree Vidyanikethan college of Engineering (Autonomous) 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).
5. Life Member, Andhra Pradesh Akademi of Science.

### 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 diacetylmonoximeisonicotinoyl 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>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 <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 (Environment al session)
4.	Simultaneous derivative spectrophotometric determination of nickel (II) and copper (II) using diacetylmonoximeisonicotinoyl 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 <b>2001</b>
5.	Simultaneous second derivative spectrophotometric determination of nickel(II) and copper(II) using diacetylmonoximebenzoylhydrazone (DMBH) -	Proceedings of <i>38<sup>th</sup>Annual Convention of Chemists</i> , 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 <i>80<sup>th</sup>Indian Science Congress</i> 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 Simaroubashells–	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>	Aug26-28, 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, <b>2002</b> , p. 10.
9.	Determination of nickel (II) by second	Proceedings of <i>21<sup>st</sup>annual conference</i>	on 24-26 oct,

	order derivative spectrophotometric technique	of Indian council of chemists held at <b>Ranidurgavathi University, Jabalpur</b>	2002
10.	Second order derivative spectrophotometric determination of nickel (II) –	Proceedings <b>22<sup>nd</sup> Annual Conference</b> of Indian Council of Chemists, held at <b>IIT, Roorkee</b>	on 17-19, Oct 2003
11.	Benzil- -monoxime isonicotinoyl hydrazone (BMIH) is a chromogenic reagent for spectrophotometric determination of copper(II) -	Proceedings of <b>91<sup>st</sup> Indian Science Congress</b> , 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 <b>91<sup>st</sup> Indian Science Congress</b> , held at <b>Punjab University, Chandigarh</b>	On January 3-7,2004
13.	Derivative spectrophotometric determination of iron (III) using oxime hydrazone –	Proceedings of <b>National Seminar</b> on “Role of Chemistry in the Emerging areas of Applied Sciences” (RCEAS – 2004), held at <b>SV University, Tirupati</b>	Mar 16-17 2004 p1-3.
14	Derivative spectrophotometric determination of Cd (II) using diacetylmonoxime-4-hydroxy benzoyl hydrazone	Proceedings of <b>National conference</b> 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 <b>National conference</b> 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 <b>2<sup>nd</sup> International Congress of Chemistry and Environment</b> held at <b>Indore</b>	December 24-26,2005, P.361
17	First order derivative Spectrophotometric determination of Vanadium (V) diacetylmonoximeisonicotinoyl hydrazone (DMIH)	Proceedings of <b>National Seminar</b> on “Role of chemistry in emerging areas of Biology and Industrie(RCEABI –2006)” held at Dept.of Chemistry, <b>Sri Krishna devaraya University, Anantapur, A.P</b>	March 24-25,2006, p.103(pp58)
18	Drivative spectrophotometric	Proceedings of <b>National Seminar</b> on	March 24-

	determination of Copper (II) using Bis-Vanillin thiocarbo hydrazone (BVTH) in alloy samples	“Role of chemistry in emerging areas of Biology and Industrie(RCEABI –2006)”, Dept.of Chemistry, <b>Sri Krishna devaraya University</b> , Anantapur,A.P	25,2006, p.120(PP 75)
19	First order derivative spectrophotometric determination of Fe(III) using diacetylmonoximebenzoylhydrazone (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 AndhraUniversity, <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 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> <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 (CONIAPS-X), 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 (CONIAPS-X), 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 (CONIAPS-X), 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.HariSinghGaurUniversity, <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)	<i>26<sup>th</sup> Annual Conference of the Indian Council of Chemists</i> , 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-propanaldehydeisonicotinoylhydrazone and its applications	<i>26<sup>th</sup> Annual Conference of the Indian Council of Chemists</i> , 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>th</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>
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>th</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-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>
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 isonicotinoylhydrozone ( 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, GaertnerfOn 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 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>
43	Plant Made Therapeutic Proteins	Proceeding of 2 <sup>nd</sup> International Seminar on Medicinal Plants & HerbalProducts. 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 ofvariousPyrrolo(1,2- $\alpha$ ) quinoxalines D derivates 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 4<sup>th</sup>“**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 5<sup>th</sup>“**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 3<sup>rd</sup> **International 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 8<sup>th</sup> international conference **INTERNATIONAL CONGRESS OF ENVIRONMENTAL RESEARCH (ICER-2016)** on **27-28 JULY 2016**.
- ❖ Visited **BATAM, INDONESIA**. and presented his research paper in 11<sup>th</sup> 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.