

BIO-DATA

1. Name & Designation : **Dr. J. SAI CHANDRA**
MSc. PhD.
2. Address for correspondence : Hyderabad
3. Email(s) and Mobile number(s) : jsaichandra@gmail.com
: +91-9701164200
: +91-6301299976
4. Date of birth : 22nd August 1985
5. Marital Status : Married



Academic qualifications (Under graduation onwards)

S. No	Name of the Degree	Year of Completion	Subjects/ Specialization	University
1.	Ph. D.	2015	Physical Chemistry	Acharya Nagarjuna University
2.	M. Sc.	2008	Organic Chemistry	Acharya Nagarjuna University
3.	B. Sc.	2006	Biotechnology, Biochemistry, Chemistry	Kakatiya University
4.	Intermediate	2003	Biology, Physics, Chemistry	Board of Intermediate Educations
5.	SSC	2000	Mathematics, Science, Social, English, Telugu, Hindi	Board of Secondary Education

Teaching Experience (in chronological order):

S. No	Organization	Designation	Department	Duration	
				From	To
1.	JNTUH University College of Engineering Sultanpur	Assistant Professor	Chemistry	July 2017	Till Date
2.	Chalapathi Institute of Engineering and Technology	Associate Professor	Chemistry	June 2016	July 2017

3.	Narsaraopeta Engineering College	Assistant Professor	Chemistry	June 2015	May 2016
4.	Acharya Nagarjuna University	Teaching Assistant	Chemistry	Jan. 2010	March 2015

National Patents

S. No.	Issue No.	Patent Ref No.	Patent Name
1.	33/2021	202141035949	Nano biocompatible hydrogels for treating external injuries
2.	35/2021	202141037979	Hetero layer-Based Charge Storage Devices for Bio electronic Applications
3.	36/2021	202141039082	Photovoltaic Solar Thermal System with nanofluid cooling medium
4.	39/2021	202141037949	Artificial intelligence based smart touchless medicine dispensing system for pharma field
5.	39/2021	202141040195	Sustainable and Effective Treatment Technology for Removing Organic Pollutants in Wastewater Treatment using Nanobubbles
6.	40/2021	202111041760	Generating and stabilizing nano bubbles for therapeutic application
7.	43/2021	202141046106	A system for medicinal plants culturing
8.	44/2021	202141048084	Magnetically controllable Nanoparticle drug delivery system for therapeutic agents
9.	50/2021	202141056776	Nanomaterial composition for drug delivery and method thereof
10.	05/2022	202141059219	A system for Wastewater purification using nanoparticle-treated bed and preparation method thereof
11.	02/2022	202241000278	Multifunctional Nanomaterials methods of photothermally heating a solution and catalyzing a reaction

Granted Patents

S. No.	Patent Ref No.	Country	Patent Name
1.	401466-001	INDIA	Gas Chromatography Mass Spectrometer
2.	2022/08579	Republic of South Africa	Additive Manufacturing through Binder Jetting Technique for Biomedical Equipment

International Patents

S. No.	Patent Ref No.	Country	Patent Name
1.	1188171	Canadian Copy right	Secure demand side management using machine learning and internet of things
2.	20 2022 100 433.1.	Germany	Smart Pen to Detect Human Mental Focus and Concentration with Pressure Sensors On The Grip Using Machine Learning

Memberships

S. No.	Membership ID	Society/Organization
1.	LM 112039	The Indian Society for Technical Education (ISTE)
2.	172298	International Association of Engineers (IAENG)
3.	202014	Asia-Pacific Chemical, Biological & Environmental Engineering Society (APCBEEES)

Administrative Experience

S. No	Designation	Organization	Duration	
			From	To
1.	R& D Coordinator	Chalapathi Institute of Engineering and Technology	July 2016	June 2017

Journal Reviewer/Member

S. No	Designation	Journal	Duration	
			From	To
1.	Reviewer	Journal of Engineering Research and sciences	Jan 2022	Till Date
2.	Associate Editorial Board Member	ISSRA Journal of Multidisciplinary Bulletin (IJMB).	Sep ,2021	Till Date
3.	Reviewer	Global Research and Development Journal for Engineering	Oct. 2017	Till Date
4.	Advisory Board Member	World Journal of Pharmaceutical Research	May 2018	Till Date
5.	Editorial Board Member	DKIRF journals	Dec 2018	Dec 2019

Book Publications:

S. No.	Title	Author	ISBN Number	Year/Publisher
1.	Environmental Science	J. Sai Chandra	979-8867932008	2023 KDP Publishers
2.	Fundamentals of Chemistry	J. Sai Chandra	978-93-92479-883	2023 BFC Publishers
3.	Chemistry for kids - A complete chemistry guide for beginners	J. Sai Chandra	979-8549105157	2021 KDP Publisher

4.	A study on the functioning of Anganwadi	J. Sai Chandra	979-8452013938	2021 KDP Publisher
5.	A study on values among secondary school students	J. Sai Chandra	978-81-953268-91	2021 RCS Publisher
6.	Introductory basics of chemistry (First edition)	J. Sai Chandra	978-1-956102-66-6	2021 IIP Publisher
7.	Factors for high enrolment in English medium schools – a study	J. Sai Chandra	978-81-953268-08	2021 RCS Publisher
8.	Basic Principles, Theories and Techniques of Spectroscopy (First Edition)	J. Sai Chandra	978-93-90781-71-3	2021 ESN Publisher
9.	Basic Principles, Theories and Techniques of Spectroscopy (Second Edition)	J. Sai Chandra	978-93-90781-89-8	2021 ESN Publisher
10.	Basic Principles, Theories and Techniques of Spectroscopy (Third Edition)	J. Sai Chandra	978-93-90781-90-4	2021 ESN Publisher
11.	Recent Advances in Scientific Research and Technology (Book Chapter)	J. Sai Chandra	978-981-18-1263-7	2021 Ace International Pte Ltd, Singapore
12.	Growth, Characterization And Antimicrobial Activities Of Cu(II) Doped Mn (II) L-Histidine Hydrochloride Monohydrate Crystals (Book Chapter)	J. Sai Chandra	978-93-82570-34-9	2014 Hikey Media Chennai,

Awards Received

S. No.	Name of the Award	Year/Justification	Authority
1.	Young Scientist Award	2021	Novel Research Academy Puducherry
2.	Best Researcher Award	2018	DK International Research Foundation
3.	Non-SAP Meritorious fellowship	2010	UGC- New Delhi

FDP/STC attended

S. No	Title	National/ International	Organization	Duration	
				From	To
1.	'MODERN INNOVATIONS IN CHEMICAL	National	Dept. of Chemistry, Syed Ammal	15.02.2022	21.02.2022

	SCIENCE AND TECHNOLOGY'		Arts and Science College, Ramanathapuram.		
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List of Publications

1. GROWTH ASPECTS, CHARACTERIZATION, AMINO ACID, NONLINEAR OPTICAL CRYSTALS, **Journal of Nonlinear Optical Physics & Materials- 2023 Communicated**
2. STRUCTURAL, OPTICAL AND ANTIBACTERIAL STUDIES OF PURE & AMINO ACID ADDED SINGLE CRYSTALS, **Chelonian Conservation and Biology, August- 2023 Accepted**
3. GROWTH, STRUCTURAL AND OPTICAL STUDIES ON PURE AND L-HISTIDINE DOPED SINGLE CRYSTALS OF COPPER SULPHATE, **Chelonian Conservation and Biology, June- 2023 Accepted**
4. CHARACTERISTICS, OPTICAL, STRUCTURAL, AND DIELECTRIC STUDIES ON PURE AND DOPEED L-PROLONIUM TRICHLOROACETATE SINGLE CRYSTALS, **European Chemical Bulletin, May-2022 Communicated**
5. CHARACTERIZATION AND DEVELOPMENT OF A NONLINEAR OPTICAL MATERIAL IMIDAZOLINIUM DOPED WITH L-HISTIDINE L-TARTRATE, **Journal of Research Administration, June-2023 Communicated.**
6. HEPARIN-BASED NANOPARTICLES: A SUMMARY OF THEIR USES, **Chelonian Conservation and Biology, November 2023- Accepted**
7. DEVELOPMENT AND VALIDATION OF HPLC STABILITY INDICATING ASSAY METHOD FOR TRIMETHOPRIM IN BULK DRUG AND TABLETS, **Journal of Propulsion Technology, November 2023- Accepted**
8. CELLULOSE BASED PCC FILLED BY METAL ORGANIC FRAMEWORK EFFICIENT HETEROGENEOUS CATALYST FOR COMPOSITE MATERIALS, **Chelonian Conservation and Biology, October 2023- Accepted**
9. ASSESSMENT OF BLOOD CONTAMINATION IN BIOLOG, ICAL FLUIDS USING ULTRAVIOLET VISIBLE SPECTROMETRY, **Integrative Zoology communicated.**
10. In-vitro and In- vivo Comparative Neuro Protective Effect of Plant Extracts on Ethidium Bromide Induced Demyelination, **Sustainable Chemistry and Pharmacy, communicated.**
11. Isolation, In-Vitro Evaluation, Spectral Analysis And Molecular Docking Studies of The Alcoholic Extract Of Dietary Crop Cajanus Cajan, **Sustainable Chemistry and Pharmacy, communicated**
12. EVALUATION OF ANTI DIABETIC ACTIVITY OF ANDROGRAPHICS SERPYLLIFOLIA IN ALLOXAN INDUCED DIABETIC RATS, **Bulletin of Environment, Pharmacology and Life Sciences (BEPLS) Communicated**

13. "OPTIMIZATION AND VALIDATION OF RP-HPLC STABILITY INDICATING METHOD FOR DETERMINATION OF GLICLAZIDEIN PURE AND BULK DRUG", *Bulletin of Environment, Pharmacology and Life Sciences (BEPLS)*, Volume-11, February 2022. {Chemistry},[ISSN : 2277-1808] Communicated
14. ESCALATION OF PURE AND Ni^{2+} DAZED NEUROTRANSMITTER Na_2SO_4 CRYSTALS AND ITS CATEGORIZATION Communicated to **Mazedan Chemical Research Journal, Vol-2, Issue-11,2021**
15. BENTHIC ASSORTMENT OF HEAPS FROM KRISHNA RIVER PONDUGULA ANDHRA PRADESH, **Journal of Hunan University** (Natural Sciences) Vol. 48. No. 9. September 2021
16. NEURAL COMPUTING IN ARTIFICIAL INTELLIGENCE – A REVIEW, **IJCRT** | Volume 9, Issue 8 August 2021; c824-c827.
17. DIGITAL STORAGE OF DATA CLOUD COMPUTE AMBIANCE, **IJIRMF**, Volume - 7, Issue - 8, Aug – 2021
18. STRUCTURE AND CHARACTERIZATION OF Mn(II) DOPED Zn(II) L-HISTIDINE HYDROCHLORIDE MONOHYDRATE COMPLEX CRYSTALS, *IJSEM Volume 4, Issue 4, April 2019*
19. GROWTH, CHARACTERIZATION OF Mn(II) DOPED Zn(II) L-HISTIDINE HYDROCHLORIDE MONOHYDRATE COMPLEX CRYSTALS COMMUNICATED *Rasayan Journal of Chemistry, RJC-5197/2019*.
20. PROTECTIVE EFFECT OF HEPARIN STABILIZED SILVER NANOPARTICLES ON MYOCARDIAL TISSUE ANTIOXIDANT STATUS IN ISOPROTERENOL INDUCED MYOCARDIAL INFARCTION IN RATS., *IJPR-2019-03-071*.
21. GROWTH, CHARACTERIZATION, NLO AND BIOLOGICAL ACTIVITIES OF Fe(III) IONS DOPED Mn(II) L-HISTIDINE HYDROCHLORIDE MONOHYDRATE CRYSTALS *Materials Today 5 (2018) 26380*.
22. BIOLOGICAL SYNTHESIS OF SILVER NANOPARTICLES USING AEGLE MARMELOS (L.) CORREA EX. SCHULTZ STEM, *IJREM Volume 04, Issued 08, Nov 2018*.
23. SYNTHESIS, CHARACTERIZATION AND BIOLOGICAL ACTIVITIES OF NEW COUMARIN DERIVED CHALCONES, *WJPR. Volume 7, Issue 7, 1157-1166. 2018*
24. SYNTHESIS, CHARACTERIZATION AND ANTIBACTERIAL ACTIVITY OF ALLOXANTHIOSEMICARBAZONE Au(III) COMPLEXES *J.Curr.Pharm.Res. 2013, 10 (1), 28-33*
25. SYNTHESIS AND SPECTROSCOPIC INVESTIGATIONS OF Cu(II) DOPED Ni L-HISTIDINE HYDROCHLORIDE MONOHYDRATE CRYSTALS *J. Appl. Chem, 2 (2):343-351, 2013*.
26. EFFECT OF Ni^{2+} DOPING ON THE GROWTH AND PROPERTIES OF Mn -L-HISTIDINE HYDROCHLORIDE MONOHYDRATE CRYSTALS *Int. J.Inorg.Chem.Vol.2013, Article ID 716819, 5 pages*.

27. ANTHRAQUINONE BENZYLTHIOSEMICARBAZONE – A POTENTIAL DONOR ATOM LIGAND IN CR(III) COMPLEXES – CHARACTERIZATION AND BIOLOGICAL ACTIVITY *Indian Journal of Advances in Chemical Science 2 (1) (2013) 32-37*
28. SPECTROSCOPIC INVESTIGATIONS OF MN(II) DOPED NI L-HISTIDINE HYDROCHLORIDE MONOHYDRATE CRYSTALS *IJMER Vol. 3, Issue. 6, Nov - Dec. 2013 pp-3615-3620*
29. GROWTH, CHARACTERIZATION AND NLO ACTIVITY OF FE (III) DOPED NI L-HISTIDINE HYDROCHLORIDE MONOHYDRATE CRYSTALS, *IOSRJEN Vol. 04, Issue 08 (August. 2014), V(2) PP 43-50.*
30. DEVELOPMENT AND VALIDATION OF A NEW STABILITY INDICATING RP-HPLC METHOD FOR SIMULTANEOUS DETERMINATION OF OFLOXACIN AND CEFIXIME IN COMBINED DOSAGE FORMS, *Journal of the Maharaja Sayajirao University of Baroda, Volume-56, No.1 (I) 2022.*

Conferences/Workshops

1. Attended Faculty Induction Programme conducted by JNTU, Hyderabad during 28-06-2021 to 04-08-2021, being organized by UGC – Human Resource Development Centre, JNTUH, Hyderabad.
2. Attended Renewable and Sustainable Carbon Capture and Conversion Workshop held on Feb 18th 2021 organized by the centre for Advanced Materials , Qatar University, Qatar.
3. Attended the following Webinar Assessing Writing online Tuesday 2nd June 2021 11:00 (UK time) at Cambridge Assesment English.
4. Participated in the enduring material titled The Impact of COVID-19 in Pediatrics on July 04, 2020 conducted by Harward Medical School.
5. Participated in Emerging respiratory viruses, including COVID-19: methods for detection, prevention, response and control on July 08,2020 conducted by World Health Organization.
6. Stanford University School of Medicine certifies that has participated for 0.75 hours in the Enduring Material titled Project ECHO Diabetes in the Time of COVID-19: COVID-19 & Sick Day Management for People with Diabetes (Recorded Webinar) on 07/07/2020
7. Faculty Development Programme on Moodle Learning Management System at June 10th 2020 conducted by JNTUH College of Engineering Sultanpur.
8. One Week National Level FDP on Artificial and Intelligence and its applications from June 06 to 11th 2020 conducted by St Anns College of Engineering and Technology- Chirala.
9. National Level Online FDP on Chemistry in an era of change held from July 13-16th 2020 conducted by K.Ramakrishnan College of Engineering , Samayapuram, Trichy.

10. Participated in the Online 3 days International STTP on Alalytical Research Trends in Pharmaceutical Industry during 26-28 July 2020 conducted by Bapatla College of Pharmacy, Bapatla.
11. Participated in TEQIP-III Sponsored One week Online Faculty Development Program on Soft Computing Techniques (SCT-2020) from 25-30 July' 2020 conducted by NIT Srinagar, J&K.
12. participated in Three-day E-Faculty Development Programme on "Skill Development in Academic and Research"organised by **Telangana Social Welfare Residential Degree College for Women, Warangal Westheld** on 14th, 17th and 18th August, 2020
13. Participated in Seven Days Faculty Development Program on " HEAT TRANSFER AND COMPUTATIONAL FLUID DYNAMICS TOWARDS INDUSTRIAL APPLICATIONS From 12 June 2020 to 18 June 2020 Organized by Sri Sairam Institute of Technology , Chennai, Tamil Nadu.
14. Participated in Faculty Development Program from 28th June to 2nd July 2020, organized by Mahatma Gandhi Institute of Technology, Hyderabad.
15. Attended a One Week Online Faculty Development Program on "Research Opportunities in Image Processing and Machine Learning", conducted by the CBIT, Hyderabad, during 29th June to 03rd July 2020.
16. Short Term Training Programme through ICT Mode on Leadership and Team Building in Academia organised by NITTR – Kolkatta from 13/07/2020 to 17/07/2020 [duration: 1 Week]
17. Short Term Training Programme through ICT Mode on Writing Research Proposals organised by NITTR – Kolkatta from 03/08/2020 to 07/08/2020 [duration: 1 Week]
18. Short Term Training Programme through ICT Mode on Induction Training - Phase I organised by NITTR – Kolkatta from 20/07/2020 to 24/07/2020 [duration: 1 Week]
19. Participated in International Webinar on emerging Trends in Material Science-2020 organized by Maharaja Bhoj Govt. PG College DHAR, MadhyaPradesh.
20. Participated in the World Blood Donor Day - 2020 Organized by Department of Microbiology, Vivekanandha College of Arts and Sciences for Women, Tiruchengode-637205, Tamilnadu, India.
21. Participated in an online Webinar on "Margdarshak" – Spreading the Light, the teachers meet Organized by Pallavi Engineering College, Nagole, Hyderabad on 26/07/2020.
22. participated in the Webinar on 'Adapting to online teaching – Opportunities and Challenges faced by teachers' organized Under the auspices of IQAC by the Department of Mathematics Education, Institute of Advanced Study in Education (Autonomous), Saidapet, Chennai - 15, on 02-07-2020

23. participating the webinar on “ FINANCIAL PLANNING - POST COVID” conducted by Department of Basic Engineering SRINIVASA SUBBARAYA POLYTECHNIC COLLEGE PUTTUR, SIRKALI.
24. Attended an Exclusive Virtual Power Seminar On “Career Opportunities In Future”, Organized By Narasaraopeta Engineering College(Autonomous), Narasaraopet on 1-8-2020.
25. Participated in the international webinar on ”Challenges Before Research During Covid 19“ organized by Committee for Promotion of Research Activities (COPRA) on 17th July 2020.
26. participated in A Webinar on “Importance of Regulatory and Corporate Affairs and theirPharmaceutical Perspectives” on 12th July, 2020, organised by Chebrolu Hanumaiah Institute of Pharmaceutical Sciences, Guntur in Association with Indian Pharmaceutical Association, Education Division.
27. Presented a paper entitled “ Design and Pharmacological studies of New Coumarin derived chalcone synthesized compounds at second International conference on Nano science and Engineering Applications Organized by Centre for Nano Science and Technology, JNTU College of Engineering Hyderabad and Qatar University, Qatar.
28. Presented a paper entitled “Growth, Characterization, NLO and Biological activities of Fe(III) ions doped Mn(II) L-Histidine Hydrochloride Monohydrate Crystals at National Seminar on Physics and Chemistry of Non-Crystalline Materials Organized by K.V.R College ,Nandigama. on Dec 1-2nd ' 2017.
29. Presented a paper entitled “ Nanocrystalline powders” at National Seminar on Physics and Chemistry of Non-Crystalline Materials Organized by K.V.R College ,Nandigama
30. Presented a paper at International Conference on “**New Insights of Pharmacoepidemiology and Pharmacoconomics**” organized by Chalapathi Institute of Pharmaceutical Sciences, Guntur on February 17th and 18th 2017
31. Presented a paper in **104TH Indian Science Congress** organized by S.V University, Tirupathi from January 3 to 7th 2017.
32. Presented a paper in **Andhrapradesh Akademi of Sciences**, Amaravathi in the Andhrapradesh Science Congress (APSC-2016) organized by PB Siddhartha College of Arts &Sciences, Vijayawada during 7-9 November 2016
33. Attended Faculty Workshop titled: **Environmental Studies: Innovative Teaching Methodologies**” held at RVR& JC College of Engineering (A), Guntur on Oct 3rd 2016.
34. Attended a Workshop on “ **Patenting for Beginners**” organized by Department of Botany &Microbiology, Acharya Nagarjuna University, Guntur on 29th July 2016.

35. Presented a paper in National Seminar entitled "**Handling & Training on Analytical Instruments.**" Organized by Chalapathi Institute of Pharmaceutical Sciences, Guntur on August 9th and 10th 2016.
36. Presented a paper in National Seminar on "**Plant Made Pharmaceuticals & Approaches to the Synthesis of Bio- Active Natural Products**" entitled "**Eco friendly and biologically active Zn(II)-doped Mn(II)l-histidine hydrochloride monohydrate crystals-Growth, characterization and antimicrobial activities**". held on 18–19th July 2014, at Department of Chemistry. Hindu College, Guntur, A.P., India.
37. Presented a paper in National Seminar on "**Biodiversity and Conservation of Mangrove Ecosystem in India- Present Status and Future Perspective**" entitled "**Co(II)-Doped Mn(II) L-Histidine Hydrochloride Monohydrate Crystals : Growth, Development and their Characterization of Novel Bioactive Compounds**" held on 21–22nd July 2014, at Department of Botany. Acharya Nagarjuna University, Guntur, A.P., India.
38. resented a paper in National Seminar on "**Biodiversity and Conservation of Mangrove Ecosystem in India- Present Status and Future Perspective**" entitled "**Growth and Characterization of Novel, Biologically Active Fe(III)-Doped Mn(II) L-Histidine Hydrochloride Monohydrate Crystals**" held on 21–22nd July 2014, at Department of Botany. Acharya Nagarjuna University, Guntur, A.P., India.
39. Presented a paper entitled "**Spectroscopic Characterization and Antibacterial Activity of Methyl Acetoacetate Bis (Thiosemicarbazone) Gold(III) Complexes**" at "International Symposium on Environmental Pollution, Nutrition and Genetics and a special symposium on Cancer Biology and Therapeutics" held on 27 to 29 December, 2013, Vikrama Simhapuri University, Nellore.
40. Presented a paper entitled "**Investigations into biologically active Cu(II) doped Mn(II) L-Histidine Hydrochloride Monohydrate crystals**" at "International Symposium on Environmental Pollution, Nutrition and Genetics and a special symposium on Cancer Biology and Therapeutics" held on 27 to 29 December, 2013, Vikrama Simhapuri University, Nellore.
41. Presented a paper entitled "**Anthraquinone benzylthiosemicarbazone – a potential donor atom ligand in Cr(III) complexes – Characterization and biological activity**" held on January 3-7, 2013, Indian Science Congress, Kolkata University, Kolkata.
42. Presented a paper entitled "**Spectral investigations of Mn(II) doping on the structure of Zinc L-Histidine Hydrochloride monohydrate Crystals**" held on November 14-16, 2011 at AP Science Congress -2011, GITAM University, Visakhapatnam, A.P India.

43. Presented a paper entitled **“Synthesis, Characterization and antibacterial activity of Alloxan thiosemicarbazone Au(III) Complexes”** held on November 14-16,2011 at AP Science Congress-2011, GITAM University, Visakhapatnam, A.P India.
44. Presented a paper entitled **“Synthesis and structural studies on Cu(II) doped Zinc L-Histidine Hydrochloride monohydrate Crystals”** held on November 14-16,2011 at AP Science Congress-2011. GITAM University, Visakhapatnam, A.P India.
45. Presented a paper entitled **“synthesis and structural characterization of chromium(III) Anthraquinone complexes with thiosemicarbazones ”** at a National seminar on New Frontiers in Chemical Research, held on November 19th ,2011 at Dept of Chemistry, Acharya Nagarjuna University, Guntur, A.P, India .
46. Presented a paper entitled **“Synthesis and Structural Investigations of Au(III) Complexes with substituted thiosemicarbazones of α - Ketoglutaric acid”** at a National seminar on **New Frontiers in Chemical Research**, held on November 19th ,2011 at Dept of Chemistry, Acharya Nagarjuna University, Guntur, A.P, India .
47. Presented a paper entitled **“Role of Nanotechnology in surface water treatment”** at a National Seminar on **Nanotechnology for pollution control** organized by the P.G Department of Chemistry, Hindu college, Guntur on March 5th 2011.
48. Presented a paper entitled **“Role of Nanotechnology in Agricultural process”** at a National Seminar on **Nanotechnology for pollution control** organized by the P.G Department of Chemistry, Hindu college, Guntur on March 5th 2011.
49. Presented a paper entitled **“Biological Nanomaterials in industrial processes”** at a National Seminar on **Nano technology for pollution control** organized by the P.G Department of Chemistry, Hindu college, Guntur on March 5th 2011.
50. Presented a paper entitled **“Solvent Free Reactions in Green Chemistry”** at a National Seminar on **Green Chemistry and Sustainable Development** organized by the Dept. of Chemistry Govt. College for Women during 7 - 8 January 2011.
51. Presented a paper entitled **“Role of Catalysis in Green chemistry”** at a National Seminar on **Green Chemistry and Sustainable Development** organized by the Dept. of Chemistry Govt. College for Women during 7 - 8 January 2011.
52. Presented a paper entitled **“Toxicity of Chemicals role of Green Chemistry”** at a National Seminar on **Green Chemistry and Sustainable Development** organized by the Dept. of Chemistry Govt. College for Women during 7 - 8 January 2011.
53. Presented a paper on **“Absorption and Morphological studies of Tyrosine capped gold nano structures”** at the International conference on **Applications of renewable and sustainable**

Energy for Industry and Society, organized by Dept. of Physics, Osmania University, Hyderabad, during 16-18 December ,2010.