## **CURRICULUM - VITAE**

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**Dr. Y. PRASHANTHI**

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**OBJECTIVE**

To seek a challenging career both in Academic and Research that provides competitive environment and offers an opportunity to learn and develop both in professional and personal life.

**RESEARCH INTEREST**

**Bio-inorganic Chemistry /Material Science/ Biomaterials /SyntheticChemistry.**

**EDUCATION**

* **Ph.D. (Chemistry) under the guidance of Prof. Shivaraj, Controller of Examinations, Department of Chemistry, Osmania University, Hyderabad, A.P., India. The thesis entitled as“SYNTHESIS CHARACTERIZATION AND BIOLOGICAL STUDIES OF TRANSITION METAL COMPLEXES OF 3-AMINO-5-METHYL ISOXAZOLE SCHIFF BASES(‘A’).**
* **B.Ed. (Bachelor of Education) in Biological Sciences Andhra University, A.P., India. (First Division).**
* **M.Sc. (Master of Science) in Chemical Sciences Kakatiya University, A.P., India. (First Division).**
* **B.Sc. (Bachelor of Science) Specialization in Botany, Zoology and Chemistry Osmania University, A.P., India. (Distinction).**

#### **RESEARCH & WORK EXPERIENCE**

* Presently, working as an Assistant Professor, Department of Chemistry, Mahatma Gandhi University, Nalgonda A.P., India.(**2012-Till date**).
* Worked as a Research Scientist, **AISIN-COSMOS-IICT,** in Nanoscience and Nanotechnology Division, Hyderabad-500 007. **(Japan Colloborated Project),(2011-2012).**
* Worked as a **Postdoctoral Research Fellowin NTUST, Taiwan inNanoscience and Nanotechnology, (NSC Sponsored), (2010-2011).**
* Worked as **a Research Associate**under **Dr.B.V.Subba Reddy**, Scientist-F, in “Indian Institute of Chemical Technology (IICT)”, Organic Division-1, Hyderabad, in the area of Synthetic Organic Chemistry and Nano technology**(2008-2010**).
* Five years of Research training under the supervision of **Prof. Shivaraj,**Department of Chemistry, Osmania University, Hyderabad, A.P., India.(**2003-2008**)
* One year collaborative work in synthetic organic chemistry under the guidance of Prof. **G. L. David Krupadanam**, UGC, Dean of Sciences, Osmania University, Hyderabad, A.P., India**.(2002-2003).**
* B.Ed. (Bachelor of Education) in Biological Sciences (2001-2002). Andhra University, A.P., India. (First Division).

**BRIEF OUTLINE OF WORK**

**Research Work:**

* In AISIN-COSMOS, workis related to synthesis of organic dyes and their applications in solar energy. (**Japan Collaborated Project).**
* My postdoc research involved, “The synthesis of nanomaterials for biomedial Applications “. (**NSC Sponsored Project)**
* As a Research associate in IICT, I was actively involved in developing novel synthetic routes for Honokiol, which is one of the most potent anti-bacterial agents **(Colgate-Palmolive sponsored project by USA)**. Later on, I worked on peptidomimetics for drug delivery by means of self-assembly and also on synthesis of biologically active organic molecules.
* In my research programme, I worked on Synthesis of Isoxazole Schiff bases by condensation of 3-amino-5-methyl Isoxazole with different substituted heterocyclic aldehydes by conventional, microwave and ultrasonic methods.
* Characterization, antimicrobial/anticancer and DNA binding studies of Schiff base metal complexes. Along with this, I have been also involved in collaboration with the organic synthesis group. During this period, I got equipped with the skills of GC, HPLC and also gained knowledge in molecular modeling studies.

#### **PROFESSIONAL AND PERSONAL SKILLS**

* Three years teaching experience for postgraduate students in the Department of Chemistry,

Osmania University, Hyderbad, A.P., India.(2003-2005)

* Experience in Synthesis of biologically active Organic molecules and Organic dyes for Solar applications in multi-steps.
* Expertise in handling air and moisture sensitive reactions.
* Able to identify experimental problems and resolve them independently.
* Working knowledge in most of the chemical databases (SciFinder Scholar & MDL Cross Finder) and basics in computers.
* Adept in analyzing spectrographic data viz., NMR, IR, UV and Mass spectra.
* Familiar with chromatographic techniques such as HPLC, GC, TLC and Column chromatography.
* Experience in handling UV,FT-IR, Raman, TGA, fluorescence, TEM,SEM and AFM instruments.
* Capable of performing both independent andcollaborative work.
* Knowledge in **DNA binding studies** using absorption, emission spectroscopy and viscosity measurements along with photo cleavage studies**.**
* Expertise in **microwave reactions.**
* Experience in synthesis of metal nanoparticles.
* Experience in the synthesis of organic dyes for solar applications.
* Experience in presenting oral and poster communications at national and international conferences.

**Administrative Experience:**

* Head of the Department, Dept. of Chemistry & Pharmaceutical Sciences, MGU
* As a Director, Placement Cell, MGU
* As Coordinator for Training & Placements for UNDP-COIGN DISHA program for the employability of women/girl students.
* As a District Coordinator for Telangana Academy of Sciences from 2015-Till date
* As a Coordinator for **UGC Cell**, Mahatma Gandhi University, Nalgonda from 2013-2016
* As a Coordinator for **College Development Council**, Mahatma Gandhi University,

Nalgonda from 2016-2018

* As a Coordinator for **Development Cell**, Mahatma Gandhi University, Nalgonda from 2012-Till date.
* As an Institutional Coordinator for **RUSA**, Mahatma Gandhi University, Nalgonda from 2013-2016.
* As an IQAC member, MG University, Nalgonda 2013-2016.
* As a **Governing body member, Subject Expert and Selection Committee Member** for various Graduate, Post Graduate & B.Ed Colleges.
* As an Expert Committee member for Degree, PG & B.Ed Colleges.
* As an Additional Chief Coordinator for online Spoken Tutorial program offered by IIT Bombay, MHRD, Govt. of India from 2018-Till date
* As a University Coordinator for TASK Academy from2018-Till date.

**MEMBERSHIP:**

1. Associate member in Institute of Nanotechnology
2. Member in Royal Society of Chemistry (under process)
3. General Secretary in TSS (Telangana Research Association)
4. Associate Fellow in Telangana Academy of Science (TAS)
5. District Co-ordinator in Telangana Academy of Science (TAS)

**PROJECTS :UGC-START-UP** (Completed) , Industry (International Collaboration)

DST(Applied)

**RESEARCH SUPERVISOR :**Guiding Ph.D students (CSIR-JRF) ; Guiding Dissertation

Students.

**Workshops/Conferences/Seminars / Placements Organized:**

**1.**Coordinator for One day “ National Seminar **on “Recent Trends in vector Borne Diseases and other controlling measures”**in Social Welfare Residential Degree College, Suryapet on **14th March, 2019 sponsored by TAS, Hyd.**

**2.** Coordinator for one day Seminar on **“Recent advances in Science & Technology**” in Nalanda Pharmacy College on **29th March, 2019 sponsored by ISCA, Hyd. Chapter.**

**3.** Organized National Science Day Program in Govt. High School in Balmela Village, Suryapet District on **25th Feb. 2020.**

4.Organized National Science Day Program on **“Women in Science”** in MG University District on **28th Feb. 2020.**

5. As a convener for one day Seminar on “Advances, Challenges &Opportunities in Pharmaceutical Sciences” on **20th March, 2017** sponsored by Telangana Academy of Sciences, Hyd. In Nalanda Pharmacy College, Nalgonda.

6. As a convener for One Day Symposium on “Innovations in Pharmaceutical Sciences” on **18th June, 2017** in Anurag Pharmacy College, Kodad, Nalgonda District.

7. As a convener for One Day Science on “Recent Trends & Innovations in Scientific Research” on **25th January, 2017** in MG University, Nalgonda.

8. Organized One day program on “Usage of Generic Drugs” in Pharmacy College in Bhongir, Nalgonda District on **December 20th, 2017.**

9.Organized A One Day Science Program on **“ Opportunities & Challenges in Science & Technology”27th Feb. 2018.**

10.Organized National Conference on **“Challenges and Opportunities in Higher Educational Institutions in MG University, Nalgonda on June 1st, 2016.**

11.Organized One Day National Conference on **“Challenges and Opportunities in Higher Educational Institutions, on 1st June, 2016 sponsored by RUSA, New Delhi** held at Mahatma Gandhi University, Nalgonda as a **Convener & Organizing secretary.**

12. As a Coordinator, Campus Placement Drive has been conducted for B. Sc, Pharmacy, M.Sc., and Pharma Chemistry students at District level By MSN Laboratories, Hyderabad on **28th May, 2016. (60 members are selected).**

13. As a Coordinator, Campus Placement Drive has been conducted for ITI, Pharmacy, M.Sc and Pharma Chemistry students at District level By Aurobindo Pharma, Ltd., Hyderabad on **31st May, 2016. (60 members are selected).**

14. Four Programmes (Science Awareness Programmes) are planned under Telanagana Academy of Sciences in 2016.

15. Organized One Day 2ndNational Conference on **“Nanoscience & Nanotechnology” on March 29th, 2016** held atMahatma Gandhi University, Nalgonda as a **Convener & Organizing secretary.**

16.Organized one day Seminar in association with **RSC, Deccan Section, London** with Jaagruthi Degree and PG College, Nalgonda on **January,23rd, 2016** on **“Chemistry-Key to Success”** as a **Co-ordinator.**

17. Organized as An organizing committee member in Three Day National conference on “Virus outbreaks in India” on **January 20th-22nd, 2015 at CCMB-IICT, Hyderabad.**

18. Organized One Day National Conference on **“Nanoscience & Nanotechnology” on February 21st, 2014** held atMahatma Gandhi University, Nalgonda as a **Convener & Organizing secretary.**

19.Organized one day seminar in association with **RSC, Deccan Section, London** with Neelagiri Degree and PG College, Nalgonda on **December 5th, 2014** on **Advances in Chemical Sciences**as a **Co-ordinator.**

20. Organized one day national seminar sponsored by UGC New Delhi on **“Interpersonal Relations at Work Place-Key for Success”** on **Feb. 7th, 2015** as a **Director & Convener.**

21.Organized one day symposia on **“ Applications in Chemical Sciences”**in association with **RSC, Deccan Section, London**with NG College, Nalgonda on **Feb. 28th, 2015**(National Science Day)as a **Co-ordinator.**

22. As a Director, Campus Placement Drive has been conducted for M.Sc and Pharma Chemistry students at District level By GVK Biosciences, **2015. (15 members are selected)**

23. As a Director, Campus Placement Drive has been conducted for M.Sc and Pharma Chemistry students at District level by Avra Laboratories, **2015. (50 members are selected)**

24. As a Director, Campus Placement Drive has been conducted for B. Sc, Pharmacy, M.Sc., and Pharma Chemistry students at District level By Avra Laboratories, **2015. (112 members are selected).**

25. As a Coordinator, Campus Placement Drive has been conducted for B. Sc, Pharmacy, M.Sc and Pharma Chemistry students at District level by MSN Laboratories, Hyderabad on **28th May, 2016. (60 members are selected).**

26. As a Coordinator, Campus Placement Drive has been conducted for ITI, Pharmacy, M.Sc and Pharma Chemistry students at District level by Aurobindo Pharma, Ltd., Hyderabad on **31st May, 2016. (60 members are selected).**

27. As a Coordinator, Campus Placement Drive has been conducted for B. Pharmacy &Pharmacy, M.Sc and Pharma Chemistry students at District level by **Hetero Drugs Pvt., Ltd.,** Hyderabad on **2nd July, 2016. (60 members are selected).**

28. As a Coordinator, TAS FDP will be conducted on **13th July, 2016**. (200memebers high school teachers participants).

**REVIEWER for the following journals:**

* Reviewer for Journal of Korean Chemical society (JKCS)
* Reviewer for Journal of Coordination Chemistry(JOC)
* Reviewer for Journal of Scientific Research (JSR)
* Reviewer for Journal of Chemical and Pharmaceutical Research (JOCPR)
* Reviewer for Energy and Emission Control Technologies
* Reviewer for International Journal of Nanomedicine
* Reviewer for Nanotechnology,Science and Applications.
* Reviewer for Nanoscience and Nanotechnology Letters.
* Universal Journal of Pharmacy
* Journal of Pharmaceutical and Scientific Innovation (JPSI)
* International Journal of Research in Ayurveda & Pharmacy (IJRAP)
* Advances in Chemical Engineering and Science

**Editorial BoardMember for the following Journals :**

* International Journal of Modern Chemistry and Applied Science (IJCAS)(Chief Editor)
* International Research Journal
* Journal of Pharmaceutical and Scientific Innovation (JPSI)
* Universal Journal of Pharmacy.
* International Journal of Business Management (Executive Editor)
* International Journal of Applied Sciences (Chief Editor)

**Invited Talks:**

1. As a Resource person in the Orientation programme for Govt. Junior Lecturers, in Govt.Jr.College, Nalgonda on **Feb. 16th, 2017.**
2. Invited Talk in Govt. Degree College for Women on **“Chemistry in Daily Life”**in **2017-18.**
3. As a resource person in Orientation Programme in Social Welfare Degree College for Women, Hyd. in **2016.**
4. Invited Talk in Raghavendra Degree College on Recent Trends in Chemical Sciences in 2015.
5. Invited Talk in Nagarjuna Govt. College, Nalgonda on **General Chemistry in 2015.(Nov.)**
6. **RSC program on 28-02-2015 on Symposium on “New Developments in Chemistry”.**
7. Invited talk on “Recent Trends in Chemical Sciences” at Raghavendra Degree College, on**21st January, 2016.**
8. Lecture delivered on “Nanosciene & Nanotechnology” at Govt. Womens’s College, Nalgondaon August 3rd,2015.
9. As a **Guest of Honour**& Invited talk for National Seminar Conducted by Department of Chemistry, NG College, Nalognda on **March 7th, 2014** on **“Nano Catalysis”.**
10. Invited Talk in **National Seminar** conducted by UGC, Kodad, Govt. Degree College on **August, 2014.**
11. Invited talk in ThreeDay**National Seminar** conducted by Tara Degree College, Sanga Reddy (UGC Sponsored) on **“Nanomaterials and Applications” on January 7th-9th, 2015.**
12. **Science Awareness Programs are conducted at District level for School & College students in Nalgonda District.**

**BOOKS PUBLISHED :**

1. Synthesis of Transition Metal Complexes of Isoxazole Schiff Bases (**ISBN No.978-3-659-48788-0).**
2. **Analytical methods for Pesticide and Formulation Products(ISBN No. 978-3-659-89256-1)**
3. A Book Published on**“Interpersonal Relations at Work Place- Key For Success”**
4. Book Chapter on Nanomaterials (under process)

**AWARDS :**

1. Best Teacher award in Nalgonda District was awarded in 2018
2. Received National Citizenship Gold medal Award sponsored by TamilNadu, Registered Society on **May 1st, 2014** for excellence in Research and Social Service.
3. Selected for National Educational Star Award sponsored by The Glorius Organization for

Accelerated to Literacy, New Delhi, on **June 12th, 2016** For Excellence in Research & Educational services.

#### **POSTERS AND ORAL PRESENTATIONS SEMINARS & CONFERENCES**

1. **Oral presentation in International conference in Osmania University, Hyd. On Jan 25th-27th, 2020.**
2. **Abstract has been accepted for oral presentation in International conference in Guntur on Feb. 15th, 2020.**
3. Poster Presentation in International Conference in “Advances in Chemical Sciences and Technologies” on **23rd-25th, September, 2019, Organized by NIT Warangal.**
4. Presented poster &Oral in Two day National Seminar on **Jan. 29th& 30th, 2019** organized by Tara Degree College, Siddipet.
5. **Poster presentation in Two day seminar on NATURE INSPIRED INITIATIVES IN**

**CHEMICAL SCIENCES (NIICS-2019, 4th-5th November, 2019.)**

1. Accepted Poster Presentation **in an International Conference in “Advances in Chemical Sciences and Technologies” on 23rd-25th, September, 2019, Organized by NIT Warangal.**
2. Poster presentation in NIT Warangal in **National Science Congress organized by TAS on 28-07-2019.**
3. Presentation has been accepted in **Indian Council of Chemists on Dec. 25th, 2019 in Jaipur.**
4. Oral presentation in Two Day International Conference in JNTUH on **6th& 7th, Nov. 2018.**
5. Oral presentation in National Conference in Srinidhi Engineering College, Hyd. on **18thMarch, 2018.**
6. Oral presentation in Two Day National Conference in TKR College of Pharmacy, Hyd. On **6th January, 2017.**
7. Oral presentation in Two Day National Seminar in Tara Govt. Degree College, Sangareddy on **Jan. 29-30th, 2017.**
8. Oral presentation has been accepted NANOSMAT International conference, USA on May 18th-20th, **2016.**
9. Oral presentation has been accepted in International conference, on August 1st -3rd, Canada, **2016.**
10. Poster has been accepted in International Conference at NANOs-2016 at Gitam University, Vizag on **14th-17th December, 2015.**
11. Poster has been presented at **International Conference in Singapore** on December **2015.**
12. Best poster award in A Two Day National Conference on **“Transpiring Novelty and hi tech Knowledge in Advanced Research in Pharmaceutical Sciences”**-TKRPS-2015 on **29th December, 2015.**
13. Oral Presentation in Three day International Conference held on **“Biochemistry, Nutrition & Pharmacy in Human Welfare: Recent Trends and future Challenges”** on September 3rd-5th, 2015 Osmania University, Hyderabad.
14. Oral presentation in Three day National conference on “Virus outbreks in India” on January **20th-22nd, 2015** at CCMB-IICT, Hyderabad.
15. Paper presented in One day National Seminar organized by UGC Cell, MGU, Nalgonda

Titled “Interpersonal relations at work place key for success” on **Feb. 7th, 2015.**

1. Poster presented in one day national seminar organized by Dept. of Chemistry, MGU, Nalgonda titled “ Emerging trends and Challenges in Chemical Research” on Feb. 14th, 2015.
2. Poster presented in one day national seminar organized by Dept. of Chemistry at Palamur University, Mahaboobnagar on “ **New Vistas in Chemistry**” on March 11th-12th, 2015.
3. Poster presentation in one day symposium organized by RSC on medical and organic chemistry at JNTU on 26th Dec. 2014.
4. Invited talk on two day National seminar sponsored by UGC in Tara Degree College during January 8th-9th, 2015 on “ Recent and Old trends in Chemical Sciences”.
5. Poster accepted for International conference **Singapore,** 2014 December14th-17th on Docking studies of Schiff bases.
6. Poster has been presented in International Conference in JNTU on Energy and Environment during Dec. 2014.
7. National conference on Emerging trends in Geosciences, October 30th and 31st, 2014 Osmania University, Hyderabad.
8. International Conference for Fluoride Chemistry at IICT 3rd-7th Novemeber, 2014 on Hydrogeochemical characterization of fluoride rich ground water in Nalgonda district.
9. Poster has been accepted for the international conference to be held in Canada, Calgary, on August 11-13, 2014 entitled **on “ Green synthesis of silver nanoparticles and its antibacterial activity”.**
10. Oral has been accepted for **2nd International conference** on **Geoscience Education** to be held at Hyderabad on September 6-7, 2014. (HCU) Grand challenges in Geosciene research.
11. Poster has been accepted for the International Conference at IICT, 2014 (Dr. N. Lingaiah) October 15th, 2014.
12. Oral presentation for National Seminar held at Vignan University, Guntur, 2014.
13. Oral presentation has been accepted for two day national seminar on **“Recent Trends in separation processes in pollution control”** to be held on July 12-13th, Kodad Govt. Degree College sponsored by UGC, New Delhi.
14. Oral has been accepted for “International Conference on Global Trends in Pure & Applied Chemical Sciences (ICGTCS-2014).” entitled “Influence Of Light Intensity And Metal Ions On The Photoproduction Of Hydrogen By The Purple Non Sulphur Bacterium Rhodobacter Capsulatus Ku002” , to be held on October 3rd-4th, 2014 in Hong kong.
15. Poster presented in two day national seminar on computer stimulations going to be held in

August, 2014 at SV College, Suryapet. (going to present).

1. Oral Presentation in three day International conference on JNTU, Hyderabad in June 23rd-25th2014.  **NDCT 2014 international conference to be held on 23rd - 25th June 2014.**
2. Poster presented in three day International conference on Nanomaterials in JNTU, Hyderabad in June 2014.International Conference on Nano Science & engineering Application (ICONSEA) , Centre for nano science and nanotechnology, JNTU, Hyderabad, 26th-28th June, 2014.

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1. Poster presented in One day National conference on “Polymers and Nanomaterials” held at IICT on April, 16th, 2014. (going to present).
2. Poster presented in National Conference held at Sri Ramananda Tirda, College of Pharmacy, Nalgonda, on April 3rd, 2014.
3. Poster presented in Internanational conference **on “ Embracing the innovations and upgradation of technologies in Pharmaceutical Sciences”** held at Anurag group of Institutions, Ghatkesar, Hyderabad from 27th-29th March, 2014.
4. Organized One Day National conference on “**Nanoscience & Nanotechnology**”, Mahatma Gandhi University, Nalgonda on February 21st, 2014.
5. Participated in Two day national conference on “**Advanced Materials for Energy Applications”, January 31st-1st February, 2014**, Dept. of physics, Osmania University, Hyderabad.
6. Poster presentation in International conference**on “Nano, Bio & Material Sciences”January**

**8th-10th Nizam College, Osmania University, Hyderabad, 2014.**

1. Participation in two day national seminar **on “Business management in new era issues and**

**Challenges”** Dec. 6-7, 2013.

#### Poster presentation in International Conference, **IUMRS, in IISC Bangalore,Dec-16-**20th, 2013.

1. Poster presentation in National Conference in Osmania University, Dept. of Biotechnology,

Hyderabad, **Dec. 4-6th, 2013.“Recent Trends in Biotechnology”.**

#### Poster presentation in A.P. Akademi of Sciences, **14th-16th November, 2013** at University

#### of Hyderabad.

#### 48. Participation of National Workshop **on “ Instrumentation Techniques for Research**

#### **in Science and Technology” on 9th November, 2013,**Guntur, Vignan University.

49. Participated in National Workshop on “Modern Instrumental methods of Inorganic chemical

analysis of Engineering Materials “on 22nd – 26th, October, 2013 at Warangal.

1. Participation in “**One day workshop on Biogas and Bio-manure from Poultry litter”,**

at CSIR-IICT on 24th October 2013.

51.Poster presentation in **International conference** on held on 16th-18th October, 2013

at University of Delhi, **New Delhi.**

52.Poster Presentation in **International conferenceon “Technologies for Sustainable Waste**

**Management in Developing Countries** “ held on 23rd& 24th August, 2013, at Vignan University, Guntur.

53.Full paper accepted in **“ National Symposium on Emerging Trends Advanced**

**Engineering materials”**  at Vasavi Engineering College, Hyderabad on July 26th-28th,

2013.

54.Poster Presentation **in “ National Symposium on Emerging Trends Advanced**

**Engineering materials”**  at Vasavi Engineering College, Hyderabad on July 26th-28th,

2013.

55. Abstract accepted in **International Conference** at JNTU, Ananthapur held on June 20th-23rd,

2013.

56. Poster presentation in **“National Conference on Physics and Chemistry of Solids”12-13,**

**April, 2013,** SR & BGNR Govt. Arts & Science College, Khammam, A.P., India.

57.Paper/poster presentation in **“National Conference on Physics and Chemistry of Solids”**

**12-13 April, 2013,** SR & BGNR Govt. Arts & Science College, Khammam, A.P., India.

58.**. Poster presentationin National Conferenceon 6-7th Oct, 2012**. Dept.ofZoology,

Hyderabad. (**Best Poster Award**).

59.**Poster presentation in International Conferenceon 26-28th Dec,2012, IICT,** Hyderabad

on Biosyntehsis, characterization and antimicrobial activity of silver nanoparticles from

*stignophyllon littorale.*

60.Full Paper submitted to **International conferenceon 26-28th Dec, 2012, IICT,**

**Hyderabad on Biosynthesis and application of silver nanoparticles.**

61.Poster presentation**on National Conference on26th-28th Dec, 2012** at Gujarat,

India.

62.Participated in **National Conference conducted in** ‘**Catalysis’ at IICT, Feb. 11-13, 2013.**

63. Participation in **International Workshop**on **“Novel Nanotechnology and Nanomaterials**

**for “Science for Human”.** National Taiwan University of Science and Technology,

Taipei, Taiwan , **2010.**

64.Oral presentation in 96th Indian Science Congress, North Eastern Hill University,

**Shillong, Meghalaya on 3rd – 7th Jan, 2009.**

65. Poster presentation in National Conference on **“Recent Advances in Chemical**

**Research”on 6-7th Feb, 2009**. Dept.ofChemistry, Osmania University, Hyderabad,

sponsored by CSIR & INSA, New Delhi.

66. Paper presentation has been accepted to the technical program for the New Orleans, 235th

ACS National Meeting, **LA, USA, 2008**.

67. Poster presentationin UGC sponsored Conference on **“Current Research methods in**

**Chemistry” 17-18th Feb. 2008.** Dept.of Chemistry, Osmania University, Hyderabad, India.

68. Poster presentation in First International Conference on “**Biotechnology for Sustainable**

**Agriculture and Agroindustry,” 9-11th March, 2006.** PragathiResorts, Hyderabad, India.

69.Participation in “**Recent Developments in Coordination and Bioinorganic Chemistry”**

**11th and 12th March- 2005. (Warangal., A.P.,India.)**

**LIST OF PUBLICATIONS:**

1. [Synthesis, potentiometric and antimicrobial studies on metal complexes of isoxazole Schiff bases](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=qD5Ya5EAAAAJ&citation_for_view=qD5Ya5EAAAAJ:d4tt_xEv1X8C). **Y Prashanthi,** K Kiranmai, NJP SubhashiniSpectrochimica Acta Part A: Molecular and Biomolecular Spectroscopy 70 (1), 30-35, 2008.
2. [Iodine catalyzed condensation of isatin with indoles: a facile synthesis of di(indolyl)indolin-2-ones and evaluation of their cytotoxicity](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=qD5Ya5EAAAAJ&citation_for_view=qD5Ya5EAAAAJ:Nw_I7GeUguwC). Subba Reddy BV, Rajeswari N, **Prashanthi Y**. Bioorganic & Medicinal Chemistry Letters 22 (7), 2460-2463, 2012.
3. **Y. Prashanthi,** K. Kiranmai, Ira, Satish, Vijay kumar, Shivaraj\*Spectroscopic Characterization and Biological activity of mixed ligand complexes of Ni(II) with 1,10-phenanthroline and Heterocyclic Schiff bases. **Bioinorganic Chemistry and Applications,2012.**
4. [Synthesis and Characterization of Transition Metal Complexes with](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=qD5Ya5EAAAAJ&citation_for_view=qD5Ya5EAAAAJ:2osOgNQ5qMEC) Isoxazole Schiff Bases. **Y Prashanthi, S Raj, Journal of Scientific Research 2 (1), 114-126, 2010.**
5. K.Kiranmai, **Y.Prashanthi,** N.J.P. Subhashini and Shivaraj\* Synthesis, Characterization and biological activity of some transition metals with Schiff bases derived from 3-amino-5-methyl isoxazole. **Journal of Chemical and Pharmaceutical Research, 2(1), 2010, 375-384.**
6. K. Kiranmai, **Y.Prashanthi**, Vijay Kumar Chityala and Shivaraj\*Formation constants and thermodynamic parameters of bivalent metal ion complexes with 3-amino-5-methyl isoxazole Schiff bases and N, N; N, O and O, O donor ligands in solution.**J. Chem. Pharm. Res., 2011, 3(5):226-233.**
7. [Biofabrication of silver nanoparticles using Cuminum cyminum through microwave irradiation](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=qD5Ya5EAAAAJ&citation_for_view=qD5Ya5EAAAAJ:q1zXlPLtbUIC). KR Kudle, MR Donda, J Alwala, R Koyyati, V Nagati, R Merugu, **Y. Prashanthi,** International Journal of Nanomaterials and Biostructures 2 (4), 65-69, **2012. ISSN 2277-3851.**
8. [Microwave assisted green synthesis of silver nanoparticles using Stigmaphyllon littorale leaves their characterization and anti-microbial activity](https://scholar.google.co.in/citations?view_op=view_citation&hl=en&user=qD5Ya5EAAAAJ&citation_for_view=qD5Ya5EAAAAJ:7VEv-pLvLSsC), KR Kudle, MR Donda, R Merugu, **Y Prashanthi,** MPP Rudra, International Journal of Nanomaterials and Biostructures 3 (1), 13-16, **2013.**
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