



POTTI SRIRAMULU CHALAVADI MALLIKHARJUNA RAO COLLEGE OF ENGINEERING & TECHNOLOGY

Sponsored by: SKPVV Hindu High School Committee, Estd: 1906
(Approved by AICTE Affiliated to JNTU Kakinada)

ISO 9001:2015 Certified

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FACULTY PROFILE

Dr. THIRUMALA PRASAD K

D.NO-7-95/92,
SRI SAI NILAYAM, PAALA BAZAR
PRASDADAM PADU,
VIJAYAWADA,
KRISHNA DISTRICT,
ANDHRAPRADESH-520001.

Email: kthirumalapasrad@gmail.com



EXPERIENCE:

Teaching: 14+ years

Industry: Nil

CAREER PROFILE:

YEAR	ORGANISATION	ROLE
Nov 18 to till date	Potti Sriramulu Chalavadi Mallikharjuna Rao College of Engineering & Technology, Vijayawada, Krishna Dt.	Professor
June 12 to may 18	DVR & Dr. HS MIC college of Technology, Vijayawada	Associate prof.
June 10 to May 12	NRI Institute of Technology, Vijayawada	Associate prof.
Nov' 04 to oct. 2006	KBN PG College	Assistant Prof.

EDUCATIONAL QUALIFICATION: M.Sc, Ph.D

Degree	Subject(s)	Board / University	Year of Completion	Marks %
Ph D	Chemistry	North Eastern Hill University	Awarded	
M.Sc	Chemistry	Acharya Nagarjuna University	2004	72
B.Sc	Maths, Physics & Chemistry	Acharya nagarjuna university	2002	83

THE SUBJECTS HANDLED:

1. Engineering Chemistry
2. Applied Chemistry
3. Environmental studies
4. Professional Ethics and Human Values

CURRICULUM

CERTIFICATION

1. **Indian academy summer research Fellowship for teachers-2012:** worked at IIT Bombay for 2 months (June and July 2012) with Dr. Debabrata Maiti, Associate professor, Department Of Chemistry, IIT Bomaby, Mumbai
2. DST Junior and senior Research Fellowship for doctoral degree during 2007-2010 University 2nd rank in Inorganic Chemistry during Master of sciences (2004), Acharya Nagarjuna University

Publications

S.No	Title	Journal	Impact factor	Year
1	“Cationic half-sandwich complexes (Rh, Ir, Ru) containing 2-substituted-1,8-naphthyridine chelating ligands: Syntheses, X-ray structure analyses and spectroscopic studies”	Journal of organometallic chemistry 693 (2008) 3049	2.173	2008
2	“New series of platinum group metal complexes bearing η^5 - and η^6 -Cyclichydrocarbons and Schiff base derived from 2-acetylthiazole: syntheses and structural studies”	Polyhedron 28 (2009) 2864.	2.011	2009
3	“Mono and dinuclear complexes of half- sandwich platinum group metals (Ru, Rh and Ir) bearing flexible pyridiyl-thiazole multidentate donor ligand”	Journal of Organometallic Chemistry 695 (2010) 226	2.173	2010
4	“Mono and dinuclear half-sandwich platinum group metal complexes bearing pyrazolyl- pyrimidine ligands: Syntheses and structural studies”	Journal of Organometallic Chemistry 696 (2010) 495	2.173	2010

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| 5 | “Spectral, structural and DFT studies of platinum group metal 3,6-bis(2-pyridyl)-4-phenylpyridazine complexes and their ligand bonding modes” | Journal of Organometallic Chemistry | 2.173 | 2010 |
| | | 695 (2010) 707. | | |
| 6 | “Syntheses and characterization of mono and dinuclear complexes of platinum group metals bearing benzene-linked bis(pyrazolyl)methane ligands” | Journal of Organometallic Chemistry | 2.173 | 2010 |
| | | 695 (2010) 1375 | | |
| 7 | “Ruthenium half-sandwich complexes with tautomerized pyrazolyl-pyridazine ligands: Synthesis, spectroscopic and molecular structural studies” | Journal of Organometallic Chemistry | | 2009 |
| | | 694 (2009) 2618 | | |
| 8 | “Study of half-sandwich platinum group metal complexes bearing dpt-NH ₂ ligand” | Polyhedron | 2.011 | 2010 |
| | | 29 (2010) 904 | | |
| 9 | “Novel mononuclear η^5 -pentamethyl-cyclopentadienyl complexes of platinum group metals bearing pyrazolylpyridazine ligands: Syntheses and spectral studies” | Inorganic chimica Acta | 2.046 | 2010 |
| | | 363 (2010) 2287 | | |
| 10 | “Half-sandwich mono and dinuclear complexes of platinum group metals bearing pyrazolyl- pyridine analogues: Synthesis and spectral characterization” | Journal of chemical sciences. | 1.19 | 2012 |
| | | 124 (2012) 565 | | |
| 11 | “Synthesis, characterization and structural studies of half - sandwich platinum group metal complexes with pyrimidine bridged pyrazolyl- pyridine ligand” | Journal of Journal of chemical sciences. | 1.19 | 2014 |
| | | 126 (2014) 1143 | | |
| 12 | “Half-sandwich dinuclear complexes of arene ruthenium metal bearing benzthiazolil -pyridine analogues: Synthesis and spectral characterization” | Under revision | | |
| 13 | “Metal mediated nitration of quinolines in neutral media” | Under preparation | | |

CONFERENCES:

1. Organized a youth day celebrations on the eve of Swami Vivekananda birthday on 12.01.2018 at MIC College of Technology, Kanchikacherla.
2. Organized a seminar on “value based Education” at MIC College of Technology, Kanchikacherla. 22-23 June .2016.
3. Presented a paper on “Nitration of quinolines using mercurous nitrate” at National Conference on Advanced Functional Materials and Applications at Department of Chemistry, Kalasalingam University (22-23 March 2013).
4. Presented a paper on Synthesis and structural characterization of half - sandwich platinum group metal complexes containing pyrimidine bridged pyrazolyl-pyridine ligand at modern trends in chemical sciences – 2013, organized by the department of Chemistry Acharya Nagarjuna university.
5. Presented a paper on “Microwave-Assisted Palladium Mediated Decarbonylation Reaction” at a National seminar on Significances of Green strategies for Environmental Protection, conducted by KBN College, Vijayawada on 14th and 15th December 2012.
6. Completed a work shop on “HIGH IMPACT TEACHING SKILLS” conducted by Wipro on 3rd - 4th April 2012.
7. Participated in MISSION 10X Programme conducted by Wipro on 5th to 7th April 2012.
8. “Novel mononuclear \square^5 -pentamethyl-cyclopentadienyl complexes of platinum group metals bearing pyrazolylpyridazine ligands: Syntheses and spectral studies” 14th Symposium on Modern Trends in Inorganic Chemistry (MTIC-XIV) at school of Chemistry, University of Hyderabad, Hyderabad, India (10th to 13th December 2011).
9. “Syntheses and characterization of mono and dinuclear complexes of platinum group metals bearing benzene-linked bis(pyrazolyl)methane ligands” 11th anniversary chemical research society of India national symposium in Chemistry (NSC-11) at Department of Chemistry, Indian institute of chemical technology, Hyderabad, India (6th to 8th February 2010).
10. “Contribution to the arene ruthenium chemistry” 13th Symposium on Modern Trends in Inorganic Chemistry (MTIC-XII) at Department of Inorganic and physical Chemistry, Indian Institute of Science, Bangalore, India (7th to 10th December 2009).
11. “New series of platinum group metal complexes bearing \square^5 - and \square^6 -Cyclhydrocarbons and Schiff base derived from 2-acetylthiazole: syntheses and structural studies”. National seminar on coordination chemistry and its applications, at Department of Chemistry, North Eastern Hill University, Shillong, Meghalaya, India. (24th and 25th March 2009)
12. “Synthesis and structural studies of half sandwich complexes of Platinum group metals (Ru, Rh, Ir) with 4-substituted pyridylpyridazine as chelating ligand” National conference on recent advances in chemical research, department of chemistry, Osmania University, Hyderabad. India. (6th and 7th February 2009).
13. “Ruthenium half-sandwich complexes with tautomerized pyrazolyl-pyridazine ligands: Synthesis, spectroscopic and molecular structural studies” 96th Indian Science congress, Chemical science division, at North Eastern Hill University, Shillong, India. (3rd to 7th January 2009).
14. “Syntheses and characterization of ruthenium complexes containing \square^6 - cyclhydrocarbons and

N-heterocyclic carbenes as ligands” 10th anniversary chemical research society of India national symposium in Chemistry (NSC-10) at Department of Chemistry, Indian institute of science, Bangalore, India (1st to 3rd February 2008).

15. “Syntheses, spectroscopic and structural characterization of platinum group metal complexes containing \square^5 - and \square^6 - cyclichydrocarbons and 1,8-naphthyridine ligands” 12th Symposium on Modern Trends in Inorganic Chemistry (MTIC-XII) at Department of Chemistry, IIT Madras, Chennai, India (6th to 8th December 2007).
16. Participated as a deligate at the National conference on Chemical dynamics and reaction and mechanisms, organized by the Department of chemistry, Acharya Nagarjuna University, Nagarjuna Nagar, Guntur, India 522510 (19th to 21st January 2006)

Membership

- Life membership INDIAN SOCIETY OF CHEMICAL SCIENCE
- Life membership OF ASSOCIATION OF CHEMISTRY TEACHERS

AWARDS

1. Best oral presentation on “Microwave-Assisted Palladium Mediated Decarbonylation Reaction” at a National seminar on Significances of Green strategies for Environmental Protection, conducted by KBN College, Vijayawada on 14th and 15th December 2012.
2. Delivered guest lectures at different institutions and also organized couple of seminars
3. Hand full of experience in conducting cultural and literary activities to the academicians

K THIRMUALA PRASAD
Signature