

Name: Dr.A.R.Balavardhana Rao
Designation: Assistant Professor
Department: Humanities and Sciences
Mail.I.D: balavardhanarao_ar@vnrvjiет.in
Experience (in years): Teaching: 1yrs Research: 7 yrsOthers:



1. Educational / Technical qualifications:

S.No	Level (UG / PG / Ph.D)	Year of passing	Specialization
1	Ph.D	2014	Inorganic chemistry
2	M.Sc	2007	Inorganic chemistry
3	B.SC	2005	MPC

2. Teaching and Learning:

2.1 Teaching Interests:

- Engineering Chemistry
- Inorganic Chemistry

3. Co-curricular and Extra-Curricular Activities

3.1. Interests and Hobbies:

- Reading Books
- Playing Cricket and Chess

3.2. CCA/ECA Organized: Nil

3.3. CCA/ECA participated: Nil

3.4. Counseling and Mentoring Activity: Nil

3.5. Committees involved in: Nil

4. Conference / Workshop / Seminar / Guest Lectures:

4.1 Conferences conducted: Nil

4.2 Conferences Attended:

- Chemfest-2014 11th Annual In-House Symposium, 21-22 February, 2014, University of Hyderabad, India.
Oral presentation: Cyclometallates of aroylhydrazones of polycyclic aromatic aldehydes: regioselectivemetallation of the aryl **A.R. Balavardhana Rao**, Samudranil Pal
- Modern Trends in Inorganic Chemistry, MTIC- XV, 13-16 December, 2013, IIT Roorkee, India.
Poster presentation: Cyclometallates of aroylhydrazones of polycyclic aromatic aldehydes: regioselectivemetallation of the aryl **A.R. Balavardhana Rao**, Samudranil Pal
- Chemfest-2013 10th Annual In-House Symposium, 15-16 February, 2013, University of Hyderabad, India.
Poster presentation: Regioselectivecyclometallation of aroylhydrazones of polycyclic aromatic aldehydes. **A.R. Balavardhana Rao**, Samudranil Pal.
- Modern Trends in Inorganic Chemistry, MTIC- XIV, 10-13 December, 2011, University of Hyderabad, India.
Poster presentation: Cyclopalladated complexes with aroylhydrazones of polycyclic aromatic aldehydes, **A.R. Balavardhana Rao**, Samudranil Pal.

4.3 Workshops attended:

- Teaching and evaluating for the 21st century organized by IIT Hyderabad Teaching Learning center on 18th & 19th May 2016 at VNR VJIET, Hyderabad.

5. Academic Contribution and Research & Consultancy:

5.1. Invited Lectures: nil

5.2. Articles/Chapters published in Books: nil

5.3. Books published as single author or as editor: nil

5.4. Projects Guided: nil

5.5. Research Interests:

- Inorganic Chemistry
- Organometallic Chemistry
- Crystallography
- Solar cells

5.6. Ph.D students:

a) Enrolled: nil

b) Submitted: nil

c) Awarded: nil

5.7. Papers published in reviewed Journals:

- 1) Mono- and dinuclear platinum(II) complexes via single and double cycloplatinations of N'-(arylidene)benzohydrazides: A.R. Balavardhana Rao, Samudranil Pal. *J. Organomet. Chem.*, 2015, 797, 96.
- 2) A half-sandwich rhodium(III) complex with 4-bromo-N-(1-pyrenylidene)aniline: regioselective cyclorhodation of 1-pyrenyl: A.R. Balavardhana Rao, Samudranil Pal. *J. Chem. Res.*, 2015, 39, 582-585.
- 3) Regioselective Cyclometallation with Some Platinum group Metals ions: A.R. Balavardhana Rao, Samudranil Pal. *J. Organomet. Chem.*, 2014, 762, 58.
- 4) Regioselective cyclometallation of 4-R-1-naphthaldehyde benzoylhydrazones: Palladium(II) complexes with CNO pincer like ligands: A.R. Balavardhana Rao, Samudranil Pal. *J. Organomet. Chem.*, 2013, 731, 67.
- 5) Cyclopalladated complexes with 9-anthraldehyde aroylhydrazones: Synthesis, properties and structures: **A.R. Balavardhana Rao**, Samudranil Pal. *J. Organomet. Chem.*, 2012, 701, 62.
- 6) Cyclopalladation of indole-3-carboxaldehyde aroylhydrazones: A.R. Balavardhana Rao, Samudranil Pal. *J. Organomet. Chem.*, 2011, 696, 2660.

6. Awards / Honors received: nil

7. Motto: