

Profile

Name: P Ramudu, M.Sc.,PhD
Father's Name: Laxmaiah
Date of Birth: 11 May 1984
Place of Birth: Kalwarala(Mahaboobnagar)
Social Status: BC-D (Non-Creamy layer)
Marital Status: Married
Nationality: Indian
Languages known: Telugu, English, Hindi
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1. Educational Qualifications (starting with highest degree obtained) :

Sl. No.	Examination/ Degree	Name of Board/University	Percentage of marks/Grade	Discipline/Subject(s)	Year of Passing / Award
1	PhD	Osmania University	-	Chemistry	2015
2	M.Sc	Osmania University	60.30%	Organic Chemistry	2008
3	B.Sc	Osmania University	71.83%	Chemistry, Physics and Mathematics	2005

2. Title of Ph.D. Thesis: _ “Studies on Mo, Co and V–Oxides based mesoporous catalysts for Dehydrogenation of Ethylbenzene with CO₂ as soft oxidant”

(i) Date & Year of awarded ___23/07/2015___

3. Whether Qualified UGC/CSIR/JRF/SET :_ CSIR(JRF);_ Qualifying date of test: 20/12/2008

4. Details of Employment (in chronological order starting with most recent)

Sl. No.	Name of the Employer	Status of the Institute/University (Govt./Quasi Govt./Autonomous/Private)	Post held/Designation	Period of Employment	Pay band/Scale and Grade Pay	Nature of Duties
1	Dr P Ramudu	Palamuru University PG Centre, Wanaparthy.(Govt.)	Academic Consultant	Oct 2015 – Till date	22500/-pm	Teaching and Lab work
2	Dr P Ramudu	IISER- Kolkata.(Govt.)	Research Associate	May 2015 – Oct 2015	28600/-pm +HRA	Research
3	P Ramudu	IICT- Hyderabad.(Govt.)	Research Scholar	Dec 2009 – Dec 2014	26800/-pm	PhD work
4	P Ramudu	Nagarjuna Degree & PG College, Miryalguda. (Private)	Lecturer in Chemistry	July 2008 – Dec 2009	12000/-pm	Teaching and Lab work

5. Experience:

- (i) Teaching __4 Years
(ii) Research (Excluding M.Phil./Ph.D. Research) _½ Years
(iii) Total: _ 4½ Years

6. Details of Research Experience:

Sl. No.	Position	Institution	Country	Period	Project	Funding
1	Research Associate	IISER-Kolkata	India	May to Oct 2015	Oxometalate Based "Reactor-on-A-Glass-slide" (RAG) using Colloid and "Opto-chemistry	DST India

7. Academic Experience:

Sl.No.	Post held	Organization	Period	Remarks
1	Academic Consultant	Palamuru University, Mahaboobnagar	Oct 2015 – Till date	No
2	Lecturer in Chemistry	Nagarjuna Degree & PG College, Miryalguda.	July 2008 – Dec 2009	No

8. Administrative Experience:

Sl.No.	Name of Post	Name of the University	Duration		Experience
			From	To	
NA	NA	NA	NA	NA	NA

9. Invited Talks in Conference / Seminar / Workshop:

Sl.No.	Name of conference / Seminar / Workshop	Delivered Topic	Name of the Organization	Level (State/ National/ International)
NA	NA	NA	NA	NA

10. Publications:

Sl.No.	Type of Publication (Books/Research papers/Articles in journals/Research Article)	ISSN/ ISSB	Publisher	Published/ Accepted	Communicated
1	Mesoporous 2D and 3D silica supported Cobalt oxide catalyst for ODH of ethylbenzene by using CO ₂ as soft oxidant (Book Chapter)	ISBN 978-93-82829-90-4	Spectrum Publishers	Published	-
2	Visible Light Driven Carbon Dioxide Reduction Coupled with Water Oxidation by a Composite Soft-Oxometalate (SOM) System (Research Paper)	ISSN: 2168-0485	ACS Publications(Sustainable Chemistry & Engineering)	-	Communicated

3	Selective Light Driven Reduction of CO ₂ to HCOOH in Water Using {MoV ₉ } _n (n = 333-900) Based Soft-oxometalate (SOM) (Research Paper)	ISSN 1359-7345	RSC Publications (Chemical Communications)	-	Communicated
4	A Softoxometalate [{K _{6.5} Cu(OH) _{8.5} (H ₂ O) _{7.5} } _{0.5} @{K ₃ PW ₁₂ O ₄₀ }] _n (n= 1348-2024) as an Efficient Inorganic Material for CO ₂ Reduction with Concomitant Water Oxidation (Research Paper)	Web Edition ISSN: 1944-8252	ACS Publications (Applied Materials & Interfaces)	Published	-
5	Photochemical reduction of carbon dioxide coupled with water oxidation using various softoxometalate (SOM) based catalytic systems (Research Paper)	Web Edition ISSN: 1364-5501	RSC Publications (Journal of Materials Chemistry A)	Published	-
6	Molybdenum oxide supported on COK-12: A novel catalyst for oxidative dehydrogenation of ethylbenzene using CO ₂ (Research Paper)	ISSN: 0975-0975	CSIR-NISCAIR Publications (Indian Journal of Chemistry-A)	Published	-
7	Studies on ethylbenzene dehydrogenation with CO ₂ as soft oxidant over Co ₃ O ₄ /COK-12 catalysts (Research Paper)	ISSN 0974-3626	Indian Academy of Sciences (Journal of Chemical Sciences)	Published	-
8	Cu(II) complex heterogenized on SBA-15: A highly efficient and additive-free solid catalyst for homocoupling of alkyne (Research Paper)	ISSN: 2046-2069	RSC Publications (RSC Advance)	Published	-
9	Gold nanoparticles immobilized on Lipoic acid functionalized SBA-15: Synthesis, Characterization and catalytic applications (Research Paper)	ISSN: 0926-860X	Elsevier Publications (Applied Catalysis A: General)	Published	-
10	Nitrobenzene hydrogenation over Ni/TiO ₂ catalyst in vapour phase at atmospheric pressure: Influence of preparation method (Research Paper)	ISSN: 2190-5533	Springer Publications (Applied Petrochemical Research)	Published	-
11	The advantage of ceria loading over V ₂ O ₅ /Al ₂ O ₃ catalyst for vapour phase oxidative dehydrogenation of ethylbenzene to styrene using CO ₂ as a soft oxidant (Research Paper)	ISSN: 2190-5533	Springer Publications (Applied Petrochemical Research)	Published	-

11. Paper Presentations in Conference / Seminar / Workshops:

Sl.No.	Paper Title	Title of Conference / Seminar/Workshop	Presentation Type	Remarks
1	A novel synthesis of mesoporous zirconia by Sucrose templating method	20 th national symposium on Catalysis-IIT-Madras,2010	Oral Presentation	NA
2	Transesterification of glycerol with dimethyl carbonate over nano-crystalline ordered mesoporous solid base catalysts	International Conference on Nano, Bio &Material Science-NIZAM College, 2014	Oral Presentation	NA
3	Mesoporous silica supported Cobalt oxide catalyst for oxidative dehydrogenation of ethylbenzene	International Conference on New Dimensions in Chemistry & Chemical Technology (NDCT)-2014-JNTUH	Oral Presentation	NA
4	Molybdenum Oxide supported COK-12: Catalytic application for Styrene production using CO ₂ soft oxidant	21 st National Symposium on Catalysis, IICT, India-Feb 2013	Poster Presentation	NA
5	Co/SiO ₂ @ γ -Fe ₂ O ₃ : An eco-friendly and efficient heterogeneous catalyst for the selectiveepoxidation of olefins	21 st National Symposium on Catalysis, IICT, India-Feb 2013	Poster Presentation	NA
6	Cobalt supported on mesoporous silica catalyzed ODH of ethylbenzene	16 th National Workshop on “Catalysis for Sustainable Development”,NEERI-Nagpur, 2014	Poster Presentation	NA
7	-	12th CRSI National Symposium in Chemistry & 4th CRSI-RSC Symposium in Chemistry, IICT-Feb 2010	Participated	NA
8	-	Organic Synthesis and Human Well Being: Emerging Oppertunities and Challenges (OSHWB-2010)	Participated	NA
9	-	Current and Future Perspectives in chemistry at Palamuru University-MBNR, 30thDec 2011	Attended	NA

12. Training Courses / FDP Refresh Courses / Orientation Courses:

Duration & Position	Institution	Nature of the work done
17 th June – 30 th June 2016	Palamuru University	Teacher Orientation Programme
27 th – 28 th November 2015	Palamuru University	Know your students (Orientation Programme)

13. Full Length Papers in proceedings of Conferences (National / International)

NA

14. Research Projects: Sponsored Projects carried out / ongoing:

Sl.No.	Project Title	Subject/Area of Research Project	Date of Commencement	Date of Completion	Project cost (Fund)	Name of Sponsoring Agency
NA	NA	NA	NA	NA	NA	NA

15. Patents:

Sl.No.	Subject Area	Details of Patents (please give proof)
NA	NA	NA

16. Details of travel(s) abroad:

- (i) Countries visited : NA
(ii) Duration : NA
(iii) Purpose : NA

17. Seminars / Conferences Organized:

Sl. No.	Source of Funding	Seminar Title	Duration	State/National /International
NA	NA	NA	NA	NA

18. Research Guidance

Sl.No.	Name of the Degree (M.Phil./Ph.D.)	Name of University	Title / Topic of Research	Submitted/ Awarded	Student Reg.No.
NA	NA	NA	NA	NA	NA

19. Details of Editorial Board Member ship in Journals:

NA

20. Details of Membership in Professional/Academic bodies/Societies:

NA

Declaration:

I hereby declare that the above information given by me is true, complete and correct in the best of my knowledge and belief and that nothing has been concealed or distorted thereof.

Date: 20-12-2017

Signature

P. Ramudu

Name: Dr P Ramudu