

Curriculum Vitae

KALLURI VENKATA SRI RANGANATH

Asst. Professor

Dept. Of Chemistry

GGU, Bilaspur

Mobile: 9685458916

EDUCATION :

Ph.D., Asymmetric nano catalysis at IICT, Hyderabad, India, 2005.

Thesis title : Design and development of nanocrystalline materials for selective asymmetric organic transformations

Awards and Honours

- Qualified CSIR-NET examination-**2000**.
- Dr.K.V.Rao Scientist Award-**2004**
- Selected as JSPS(Japan) Fellow in **2006**
- Selected as Alexander von Humboldt (Germany) Fellow **2008**
- Visiting Professor to Kyushu University **2011**
- Ramanujan Fellowship from DST (Department of Science and Technology)-**2012**

Professional Experience :

- ❖ Asst. Prof. at RGU-IIIT, Hyderabad (Basar) from 31-03-2011 to 05-04-2012
- ❖ Currently working as Asst. Prof. in India at Central University, Bilaspur (from 16th April 2012)
- ❖ AvH Humboldt Research Fellow (Nov 2008-March 2011) University of Münster, Germany: **Prof. Frank Glorius**
- ❖ JSPS Postdoctoral Fellow (Oct 1st 2006-Sep 30th 2008), Kyushu University, IMCE, and Japan: **Prof. Junji Inanaga.**

Research Areas:

Heterogeneous Catalysis, Nano Catalysis, Asymmetric Catalysis, Materials Chemistry

Important Publications (Five).

- ❖ Enantioselective α -arylation of cyclic ketones catalyzed by a combination of an unmodified cinchona alkaloid and a Pd complex. C. Richter, Kalluri V.S. Ranganath, F. Glorius. *Adv.Synth. Catal.* **2012** (In press)
- ❖ Asymmetric NanoCatalysis using N-Heterocyclic Carbenes as chiral modifiers. Kalluri V.S. Ranganath, K. Johannes, A.Schafer, F. Glorius *Angew. Chem. Int. Ed.* **2010**, 49, 7786
Highlighted in SYNFACTS 2011, 1, 109
- ❖ Nanocrystalline MgO for asymmetric Henry and Michael reactions. B. M. Choudary, Kalluri V S Ranganath, U. Pal, B. Sreedhar *J.Am.Chem.Soc* **2005**, 124, 13167.
- ❖ Hydrogen Processing by Fe³⁺-montmorillonite. B. M. Choudary, Kalluri VS Ranganath M. L. Kantam, K.K Rao *Angewandte. Chemie. Int.Ed.* **2004**, 44, 322.
- ❖ Bifunctional Nanocrystalline MgO for Chiral Epoxy Ketones via Claisen-Schmidt Condensation-Asymmetric Epoxidation Reactions. B. M. Choudary, Kalluri VS Ranganath, M. L Kantam, K. Mahender, B. Sreedhar *J.Am.Chem.Soc.* **2004**, 126, 3396.