**Concise Curriculum Vitae**



* **Name : Professor Rajni Kant**
* **Present Position : Professor of Physics and**

**Director- College Development Council,**

**University of Jammu Jammu Tawi-180006**

* **Date of Birth : 24.07.1962**
* **Academic Qualifications:**
  + **Ph.D-Physics: 1989 University of Jammu**
  + **Post-Ph.D: [1994-95] Univ. of Oxford, U.K as DST- BOYSCAST Fellow**

**Teaching/Research Experience/Achieements**

* **Teaching Experience : 29 years**
* **Research Experience : 35 Years**
* **Administrative Experience : 14 Years**
* **Number of Projects Executed : 18**
* **No. of Ph.D students guided : 29**

**(completed/in progress) : 23 / 06**

* **No. of M.Phil. students guided : 49**
* **No. of Res. Papers Published : 433**

**(**[**http://www.researchgate.net/profile/Rajni\_Kant2/publications/**](http://www.researchgate.net/profile/Rajni_Kant2/publications/)

[**http://scholar.google.co.in/citations?user=FsIekt8AAAAJ**](http://scholar.google.co.in/citations?user=FsIekt8AAAAJ)

**Major Research Contribution at JU:**

**Created DST-XRD National Facility under DST’s Individual-centric Research Project in 2005. The facility is catering to the needs of over 25 institutions of the country, besides various departments of JU and other universities of J&K state.**

**Awards/Recognitions**

* **Young Scientist Award - Physics (1991) by State DST (1991)**

**(First from the State of Jammu and Kashmir)**

* **DST BOYSCAST Fellowship at Oxford Univ., U.K (1994-95)**

**(First from the State of Jammu and Kashmir)**

* **DST Fellowship at Centre for Lid. Crys Res. Bangalore (1997)**
* **Nominated by MEA as Indian Expert to impart 04 (2006)**

**weeks teaching/research training to the Faculty/**

**students of Yangoan University, Mynamar**

**Number of Books Published : 03**

* + **“Applied Solid State Physics” By RAJNI KANT**

**ISBN No.: 978-8-126-52283-5 [2011] Published by WILEY-INDIA Ltd**

* + **“Polymorphism & Multiple Molecule Phenomenon in X-ray**

**Structure of Some Biphenyls” By RAJNI KANT *et al***

**ISBN No: 978-3-659-16475-0[2012] by LAP**

* + **“Pharmaceutical Drug Polymorphism: A Crystallographic Review**

**of Aspirin, Paracetamol and Norfloxacin” By RAJNI KANT *et al***

**ISBN No.: 978-3-659-23036- [2013] Published by LAP Germany**

**Editorial Responsibilities/ Academic Reviewer**

* **Editor-in-Chief: Open J Inorg Chem Sci Res Publ. U.S.A (2015)**
* **ACADEMIC EDITOR**: **(British) Current J Appl Sci & Tech (U.K), Science Domain *International***
* **Member- Editorial Board American J of Materials Sci & Engineering, Science and Education., U.S.A**
* **Royal Society of Chemistry (RSC) *CrysEnggCommun*, U.K**
* **RSC *Advances*, U.K.**
* **Open J of Inorganic Chemistry, Sci Res Publ, U.S.A**
* **Journal of Chemical Crystallography, U.S.A**
* **Trans. in Organic Chemistry, Science*Online* Publishing, USA**
* **Journal of Materials Science and Technology-Elsevier, U.K**
* **Trans. in Applied Chemistry, Science*Online* Publishing, USA**
* **Proceeding Indian National Science Academy, New Delhi**
* **American Journal of Materials Science**
* **Structural Chem. & Crystallography Communications,U.S.A**
* **Journal of Physics and Chemistry of Solids, U.K**

**Membership of Important Bodies:**

* **Elected as Member- Nat. Academy of Sci India (NASI) (2016)**
* **Elected as Member, Executive Council, Indian Crystallography Assoc.(2007-10, 2010-13, 2013-16, 2016-19)**
* **Member- Materials Research Society of India (2016)**
* **Life Member – Vijnana bharati (#100202) (2018)**

**Foreign Visits for Academic Activities : 06**

* **Oxford University(UK) (March 1994- March 1995)**
* **Osaka (Japan) (August 2008)**
* **Oxford University(UK) (March 2011)**
* **Texas (Houston,USA) (October 2016)**
* **Bangkok (Thailand) (March 2017)**
* **Osaka (Japan) (March 2018)**

**Seminars/Conferences Attended/Organized: 87**

* **Number of Conferences Organized : 14 (1986…)**
* **Number of Conferences Attended : 73 (1984…)**