

Date: 29/9/15

CURRICULUM – VITAE

Name : Anuj Kumar

Personal Information:

Date of Birth: **26th Oct 1987**

Citizenship: **INDIAN**

Present Position: **Assistant Professor Physics (Ad-hoc)**

Official Address: **Swami Sharddhanand College, University of Delhi, Alipur 110036**

Address for Correspondence: **M-36, First floor , West Patel Nagar , New Delhi 110008**

Mobile No.: **9350849738**

E-mail address: **01anujkumar@gmail.com**

Date of Appointment in the College: **02 January 2014**

Total Teaching Experience: **4 Year 04 Months**

Native Place: **Gulaothi (Uttar Pradesh)**

Education:

- ❖ **Bachelor of Science (B.Sc.)** from D.N. P.G College Gulaothi , UP (CCS University Meerut) **75%** during 2004-2007.
- ❖ **Master of Science (M.Sc.)**, Physics, Dept. of Physics, University Meerut **72%** during 2007-2009

Fellowship and Awards: (including convener/co-convener/member organizing committees etc for International and national conferences/workshops/seminars)

- ❖ Got **Gold Medal** as Academics topper - 2007.

International /National Positions and/or Awards/ Fellowships

- ❖ Cleared C.C.S. University Campus Meerut ,all india entrance exam 2007 for M.Sc. Physics
- ❖ Cleared Joint Entrance Screening Test (JEST) in February – 2009
- ❖ Cleared Graduate Aptitude Test in Engineering (GATE) in February - 2010
- ❖ Cleared CSIR NET JRF 2009 (Dec) in March – 2010
- ❖ Cleared CSIR NET JRF 2010 (Jun) in Sept - 2010
- ❖ Short list in list of Shyama Prasad Mukherjee (SPM) Fellowship - 2011
- ❖ Fellowship Got from Department of Science and Technology (DST), Government of India during Aug. 2010 – April - 2011 at ARIES – Nainital
- ❖ Fellowship Got from Council of Scientific and Industrial Research (CSIR) ,Government of India during June 2011 – July 2012 at NPL – New Delhi

List of Students Awarded Ph.D./M/Phil.: NA

List of Students Pursuing Ph.D./M.Phil. : NA

List if Students guided for /M.Tech./B.Tech/B.Sc./M.Sc./B.A./M.A. Projects etc. . NA

List of students guided for Summer projects: NA

List of Students guided for Innovation Projects: NA

REVIEWER INTENATIONAL/National JOURNALS: NA

Member International/National Journal editorial Board etc. NA

Research Projects/ Innovation Projects Undertaken : NA

- (i) **Completed NA**

(ii) Ongoing :NA

Research Interest: i am working with Chemical Vapor Deposition (CVD), Rapidly Thermal Processing (RTP) ,Chemical Solution Deposition (Sol-Gel), Atomic Layer Deposition (ALD),High Temperature Furnaces for Diffusion ,E-beam Deposition ,Thermal Deposition , Spin Coating, lithography and nanopatterning and molecular self-assembly. In addition ,Surface morphology technique like (SEM,AFM,TEM,),X-ray Identifiers ,electronic chemicals and electronic materials such as high purity acids and solvents, gases, etchants, pure elements, electronics materials characterization like sheet resistance, I-V curve, optical properties of substance ,spectroscopy measurements and single crystal substrates are also available for my research.Genially I am working on metal-semiconductor contact with micro level semiconductor and nano level conductor on Solar Cells upper connect called finger.

Computer Literacy: (I, knows two fundamental computer language C and Fortran 77, a fundamental plot package GNU plot, and two Advance language Simulation programs Matleb and Semiconductor Device fabrication tool Silvaco.): **Intermediate**

Contribution in International Conferences/Seminars/Workshops :

1. National Seminar on Role of Ion Beam in Materials Science and Acquaintance Programmer on Ion Beam Facilities at IUAC New Delhi , 20 September, 2013 (Friday) at Department of Physics ,Ch. Charan Singh University , Meerut India

LIST OF PUBLICATION (with title of the papers/articles, list of authors along with journal title , year of publication, ISSN/ISBN No. and Imapct factor) :

1. **Anuj Kumar** , Preliminary Simulation Results of Selective Emitter based Silicon Solar Cell “Journal of Pure and Applied Science & Technology” Vol. 4(1), Jan 2014, pp. 46-50 - 2249-9970

List of Books/Monographs Published (along with the Publisher’s name and ISBN No. and year of Publication): **NA**

Articles in Edited Books/Conference Proceedings/Book Chapter Published(along with title of the book, publisher and ISBN No and year of publication). **NA**

Journal Proceedings/ Journals Edited (with title of the journal , year of publication etc.)

Popular articles published / Articles published in newspapers etc. : NA

Professional Association and Membership of Learned Bodies: **NA**

Any Other information:NA