

### **Format for preparing the faculty profile for website**

1. Name of the faculty: Anuradha Gupta
2. Name of the Department: PHYSICS
3. Educational qualifications: PhD
4. Present position : Associate Professor
5. Address for correspondence: 19 Central Road , Modern Park , Santoshpur, Kolkata 75
6. E-mail and contact number: radha59.ag@gmail.com
7. Specialization: Solid State Physics
8. Total teaching experience: 30 years
9. Courses taught: UGI,UGII,UGIII (both Hons &General)
10. Research experience: Research scholar in the dept. of SSP,IACS('84-'88).  
Continued research work while working as lecturer  
in Chakdaha College and Behala College.
11. Participation in conferences, symposia and workshops: International, national, state or university level, attended. Presented paper, chaired session. Resource person.- Name of paper, organiser, name of conference, date, year.
  - a) '100 years of quantum theory' UGC sponsored national seminar held on 29-30th of January 2002.
  - b)'Global scenario of Cyber World & Communication' -State level UGC sponsored seminar held on Dec 2002.
  - c)'New frontiers of Basic and applied sciences' National level UGC sponsored seminar held on Feb 2004.
  - d)'Weather and climate in Eastern India'- UGC sponsored seminar Feb 2004.
  - e) 'Challenges to Education in the present scenario' UGC sponsored National seminar October 2004
  - f) 'Albert Einstein and 20th century Physics'-sponsored by DST Feb 2006
  - g)'UG Physics Education and advancement in Physics research ' UGC sponsored Nov 2006
  - h)'UGC sponsored National Conference' -Role of expts in the development of Physics

sep 2007

i) Microprocessor training course organised by dept of Electronics Vidyasagar college

March 2008.

j) National Workshop: Organised by IPS. Search for effective methodology. Feb 2008

in collaboration with IAPT

k) UGC sponsored National Conference-Non-conventional energy resources and sustainable development: current perspective. Sep 2010.

l) UGC sponsored National level seminar organised by Dept of Physics Sammilani Vidyalaya

Dec 2011 in collaboration with CPSM.

m) Recent trends in Fiber optics and optical communication. UGC sponsored Dept of Physics, St Paul's CM college and IAPT. Jan 2012.

#### 12. Refresher and Orientation courses attended:

a) Academic Staff orientation course Nov 24-Dec 21, 1990. Calcutta University.

b) Refresher course Dec 13-Jan 6 1997. Solid State Physics & Electronics. Calcutta University.

c) Refresher course in Electronic Science. 30th March-April 23rd, 1999.

#### 13. Publication of research papers: in peer reviewed journals, non-peer reviewed journals, conference proceedings, impact factors, citations, h-index. Numbers in SCOPUS. – Name of paper, Journal name, Vol. no., Page number, year.

i) Electronic absorption spectra of  $\text{Co}^{2+}$  in trimethylammonium cobalt chloride dihydrate

single crystal. J Phys C: Solid state Physics 19(1986) 4977-4983.

ii) Low temperature polarized absorption spectra for  $\text{Ni}^{2+}$  in trigonal Nickel cadmium chloride single crystals. J Phys Chem Solids 49 no 10, 1269-1273, 1988.

iii) Electronic and Optical properties of  $\text{AuAl}_2$  and  $\text{PtAl}_2$ . Phys stat solidi b, 168, 455 (1991).

iv) Electronic and Optical properties of  $\text{PtSn}_2$ . Phys stat Solidi b, 171, 77 (1992)

v) Electronic structures and optical properties of some fluorite structured intermetallics.

J Phys I France 4(1994) 1867-1876.

#### 14. Awards/recognitions received: International, National, State, University level:

Rank holder in Graduation. Recipient of Scholarship in PG.

**Note: If any point is not applicable to a particular faculty, please do not include in the profile.**