

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: 34years
9. Courses taught: UGI,UGII,UGIII (both Hons &General), CBCS(Sem-I to SEM-VI)
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 October2004

- f) 'Albert Einstein and 20th century Physics'-sponsored by DST Feb2006
- g) 'UG Physics Education and advancement in Physics research ' UGC sponsored Nov2006
- 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 Dec2011 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. Jan2012.
- n) UGC sponsored state level seminar on 'Recent trends in Fiber Optics and Optical Communication'. Venue: St Paul's CM College .18th January 2012 Jt.Organiser,IAPT
- o) One day workshop on the use of PHOENIX. Venue: Dept. of Physics BESU. 17th March 2012 Jt organizer IAPT
- p) A one day Workshop on CBCS-Physics syllabus - Organised by Department of Physics, Bangabasi College in collaboration with UGBoard Of studies in Physics, University of Calcutta ,7th May 2018.
- q) International seminar 'Migration and Displacement' organized by Behala College on the 10th and 11th of January,2019
- r) Faculty Development programme on Python by the Department of Physics, Behala College,May 2019.
- s) 2 days e-workshop on online teaching learning and evaluation.18-19 July 2020.

t) Electronic structures of 2-dimension crystals arranged by Vidyasagar College on the 8th of August 2020.

u) Nanomagnetism -10th of August 2020.

v) Astronomy in Radio wavelengths –29th of August 2020 arranged by Midnapore city college.

w) One week National level faculty development programme on recent advancements in Physics (RAIP-2020), 4th -8th September. Organised by Department of Applied Science. RCC institute of IT,Kolkata.

12. Refresher and Orientation courses attended:

a) Academic Staff orientation course Nov24-Dec21, 1990. Calcutta University.

b) Refresher course Dec13-Jan6 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 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 Ni^{2+} in trigonal Nickel cadmium chloride single crystals. j Phys Chem Solids 49 no10, 1269- 1273,1988.

iii) Electronic and Optical properties of AuAl_2 and PtAl_2 . Phys stat solidi b,168,455(1991).

iv) Electronic and Optical properties of 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.