

RESUME

Dr.Alka Panda

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WORK EXPERIENCE-

**PRESENTLY WORKING IN PT. RAVISHANKER SHUKLA UNIVERSITY. RAIPUR,
CHHATTISGARH. AS GUEST LECTURER, SINCE AUGUST 2012.**

PROFESSIONAL SKILLS-

- Teaching, guidance and counseling
- Supervise undergraduate or graduate teaching, internship, and research work.
- Initiate, facilitate, and moderate classroom discussions.
- Ability to communicate complex information in a simple and understandable manner for every student to comprehend easily.
- Ability to adopt distinctive teaching methodologies, documenting all lessons, organizing healthy group discussions and mentoring troubled students.
- Provide informative presentation to students regarding different areas of studies.
- Keep abreast of developments in the field by reading current literature, talking with colleagues, and participating in professional conferences.
- Supervise students' laboratory and field work.
- Conduct research in a particular field of knowledge and publish findings in professional journals, books, or electronic media.
- Has been involved in preparing question papers and assessment of answer sheets of M.Sc semester exams since 2012 till now.
- Advise students on academic and vocational curricula and on career issues.
- Having been trained as a MHRD certified teacher trainer and contributing towards generating RBPT(Research based pedagogical tool)resource packages,have broadened my horizon towards popularizing science amongst the present and future generation of students.
- With strong initiative and organizational skills, combined with ability to work well under pressure, allow me to play a crucial role in fast

paced teaching environment. Following is my resume for your review -

1.	Name	Dr. (Mrs) Alka Panda
2.	Date of Birth	17 Feb 1971
3.	Marital Status	Married
4.	Husband's Name	Wg Cdr (ret'd) GK Panda
5.	Address for Correspondence	c/o Capt.G.K.Panda Directorate of Aviation,Police Hanger,DRP Line,Byron Bazar. Raipur., 492001

6. Educational Qualification:

	SI No	Course/Examination	Institute	Result Div / Percent	Note
	a)	Ph.D (Bio-Science) on "Interaction between Pesticide and Soil Micro-Organisms" (1994-1998)	Rani Durgavati University Jabalpur	--	Doctorate Awarded
	b)	M.Sc. (Bio-Science) 1991-1993	Rani Durgavati University Jabalpur	1st / 76.5%	2nd in Merit
	c)	B.Sc. (Biology) (1988 – 1991)	M.H.College of Home Science &Science	2nd / 59.6%	-
	d)	HSSC (MP Board 1988)	Christ Church Girls High School Jabalpur	1st / 70%	-
	e)	B. Ed. (2000)	Bharatiya Shikhsa Parishad U.P.	1st / 66.60%	-
7.	Additional Qualification		Qualified in All India Graduate Aptitude Test in Engineering. (GATE-1993)		
9.	Awards/Fellowship		Awarded national level Junior and Senior Research Fellowships(JRF&SRF)by UGC.		

10.	Research/Teaching Experience	<p>(a) Laboratory work experience of 4 years having worked as JRF/SRF in an UGC sponsored research project.</p> <p>(b) Teaching experience in Graduate and Post Graduate classes of Microbiology in NES Science College, JABALPUR in 1996.</p> <p>(c) Teaching experience in High School for 3 years in LEH (LADHAK) from 1999 to 2002</p> <p>(d) Worked honorarily at Food Research Laboratory, LEH (LADHAK).</p> <p>(e) Working as faculty member in Gyan Kunj Coaching institute, DELHI from 2003 to 2005.</p> <p>(f) Working as faculty member in HITS coaching institute DELHI from 2004 to 2005.</p> <p>(g) Teaching experience in Bio-Technology and Biology in XI&XII in Sadhu Vaswani Girl's International School (DELHI)</p> <p>(h) Worked in Carmel Convent School, DELHI as Science TGT from 2005 to 2006.</p> <p>(i) Given talk shows on varied topics in All India Radio, Chennai from 2009-11.</p> <p>(j) Have been working as guest lecturer in School of Environmental Science, since 2012 August and in Institute of Renewable energy technology and management, since 2016 January of Pt. Ravishanker Shukla University, Raipur(C.G).</p>
10.	Research Specialization	Well conversant with Microbiological Techniques.

11.	Specific Area of Interest	<p>(a)TEACHING.</p> <p>(b)MICROBIOLOGICAL ANALYSIS.</p> <p>(c)DEVELOPING INNOVATIVE TEACHING METHODS FROM INDEGENIOUS SOURCES FOR BETTER UNDERSTANDING OF THE CONCEPTS OF SCIENCE.</p>
12.	<p>Specialized Training as TEACHER TRAINER :-</p> <p>(a)LEVEL-1 RBPT Workshop (at PRSU,Raipur,Chhattisgarh)</p> <p>(b)LEVEL-2 RBPT Workshop (at INSA,Delhi)</p> <p>(c)SUBJECT TRAINER in RBPT Workshop(funded by DBT,DST, Govt.of India and conducted by COESME, IISER,Pune,MHRD and Nirmala college,Ranchi).</p> <p>(d)RBPT Writers Workshop (at IISER,Pune)</p> <p>(e)Ongoing work</p>	<p>(a)Successfully participated in the STEM Teacher Training Workshop on RBPT(Research Based Pedagogical Tools)held in October,2017,conducted by a team of experts from the Centre for Science Education,Sheffield Hallam University,UK.The workshop was jointly sponsored by DBT(Department of Biotechnology),Govt.of India;Newton bhabha Fund of the British Council;Centre of Excellence in Science and Mathematics Education,IISER Pune(supported by MHRD,Govt.of India)and PRSU,Raipur,Chhattisgarh.</p> <p>(b)Successfully participated in level-2 of the STEM Teacher Training Workshop on RBPT in December,2017 after being selected from among the participants of the previously held Level 1 workshop on RBPTs.</p> <p>(c)Successfully contributed towards regional RBPT workshop,held at Nirmala college,Ranchi in September,2018.</p> <p>(d)Successfully participated in all sessions of the workshop and contributed in generating a RBPT resource package,which will be widely shared with STEM college teachers.Now eligible to contribute in generating RBPT resources.</p> <p>(e)Presently working on a proposal for science promotion at grassroot level.</p>