

# CURRICULUM VITAE

Dr. Avinash Pandurang  
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## CAREER OBJECTIVES

*To become a good teacher and researcher in Physics at VSK Universty, Ballari and also seeking registration in the research institutions like “Bhabha Atomic Research Centre” to learn and gain knowledge in the field of radiation and general physics which is very essential and useful for me to develop my research career. And want to have knowledge of some ICT skills by some online courses. I want to propose some research projects from various funding agencies in order to grow personally and academically.*

## EDUCATIONAL QUALIFICATION

Sl. No	Courses	Board/ University	Subjects / Title	Year of passing	Total Marks	Marks Secured	Percent %
01.	SSLC	Karnataka State Secondary Education Board, Bangalore	Kannada, English, Hindi, Mathematics, Science, Social Science	2004	625	338	54.08
02.	UG (B.Sc)	Gulbarga University, Kalaburagi	Physics, Mathematics, Computer Science	2009	4650	3255	70.00
03.	PG (M.Sc - Physics)	Gulbarga University, Kalaburagi	Physics (Nuclear Physics and Biophysics - as specialization)	2011	2400	1680	70.00
04	JRF	BRNS Funded MRP	Environmental Radiation Monitoring of North-East Karnataka Region	2011 to 2015			
05.	Ph.D (Physics)	Gulbarga University, Kalaburagi	Study of Radon, Thoron and their Progeny in the Environment of North-East Karnataka Region	2012 to 2016			

## COMPUTER LITERACY

- MS Windows 2000, MS Office and use of Internet.
- Physics related software's: WinXcom, Origin, Oxiwin-MCA, WinTMCA etc.

## PERSONAL DETAILS

Name : **Avinash**  
Father Name : Pandurang  
Gender : Male  
Marital Status : Married  
Date of Birth : 15 October 1989  
Nationality : Indian  
Religion / caste : Hindu / SC (Lambani)  
Address : Plot No. 101&102, 'Ratnambika Nilaya', Sarswatipura,  
Kusnur road, Behind University, Kalaburagi – 585 106,  
Karnataka, India.  
Languages known : English, Hindi, Kannada and Lambani

## ARTICLES PUBLISHED

1. **P.R. Avinash**, S. Rajesh, B.R. Kerur and Rosaline Mishra. Radon, thoron and their progeny concentration variations in dwellings of Gogi region, Yadgir district of Karnataka, India. *J Radioanal Nucl Chem*, 302:1321-1326; 2014.
2. **P.R. Avinash**, S. Rajesh, B.R. Kerur and Rosaline Mishra. Determination of radon, thoron and their progeny concentrations in dwellings of Gogi region, Yadgir district, Karnataka, India. *Radiation Protection and Environment*, 37(3):157-160; 2014.
3. S. Rajesh, **P.R. Avinash**, B.R. Kerur and S Anilkumar. Assessment of Natural radioactivity levels in soil samples of Bidar district by Gamma Spectrometry. *ISBN978-81-929777-0-6*. 28-31; 2014.
4. S. Rajesh, **P.R. Avinash**, Santosh Teerthe, B.R. Kerur, S Anilkumar and Narayani Krishnan. Standardization of NaI(Tl) based Gamma Spectrometer at the Environmental laboratory for activity measurements. *Vijnana Ganga*, 5(1):46-52; 2015.
5. Rajesh S, **Avinash PR**, Kerur BR and S Anilkumar. Assessment of natural radioactivity concentrations and gamma dose levels around Shorapur, Karnataka. *AIP Proceedings* 1675, 030087; 2015. doi: 10.1063/1.4929303.

## PAPER PRESENTATION

Sl No.	Presentation	Venue
1.	Poster	DAE-BRNS Fifth Symposium on Nuclear Analytical Chemistry (NAC-V) held at Multipurpose Hall, BARC Training School Hostel, Anushaktinagar, Mumbai, during January 20 – 24, 2014.
2.	Poster	31 <sup>st</sup> National Conference on Advances in Radiation Measurement Systems and Techniques (IARPNC) held at Multipurpose Hall, BARC Training School Hostel, Anushaktinagar, Mumbai, during March 19-21, 2014.
3.	Poster	DAE-BRNS 12 <sup>th</sup> Biennial Symposium on Nuclear and Radiochemistry (NUCAR-2015) held at NPCIL Auditorium, Anushakti Nagar, Mumbai during February 9-13, 2015.

## PARTICIPATED IN WORKSHOPS / SEMINARS / CONFERENCES

1. DAE-BRNS sponsored “**Radon training workshop**”, held at CT&CRS, BARC, Mumbai, during November 21-25, 2011.
2. National Seminar on **Advanced Functional Materials**, held at Department of Physics, GUG, March 2012.
3. **30<sup>th</sup> IARP National Conference** held at Mangala Auditorium, Mangalore University, Mangalore, during March 15-17, 2012.
4. **37<sup>th</sup> National Symposium on Instrumentation (NSI-37)**, held at CSIR-Central Scientific Instruments Organisation, Chandigarh, during October 30-November 1, 2012.
5. **National Seminar on Condensed Matter and Materials Physics**, held at Department of Physics, Gulbarga University, Gulbarga during March 19-20, 2013.
6. **DAE-BRNS Fifth Symposium on Nuclear Analytical Chemistry (NAC-V)** held at Multipurpose Hall, BARC Training School Hostel, Anushaktinagar, Mumbai, during January 20-24, 2014.
7. **31<sup>st</sup> National Conference on Advances in Radiation Measurement Systems and Techniques (IARPNC-2014)** held at Multipurpose Hall, BARC Training School Hostel, Anushaktinagar, Mumbai, during March 19-21, 2014.
8. **National Seminar on Radiation Physics**, held at Department of Physics, Gulbarga University, Gulbarga on March 25-26, 2014.
9. **National Conference on Recent Trends and Development in Radiation Dosimetry** held at Rajalakshmi Engineering College, Thandalam, Chennai, during October 09-10, 2014.
10. **39<sup>th</sup> National Symposium on Instrumentation (NSI-39)**, held at Faculty of Engineering and Technology, Gurukul Kangri University, Haridwar, Uttarakhand, India, during October 15-17, 2014.
11. **Workshop cum nineteenth national symposium on Environment (NSE-19)**, held at School of Environmental Sciences, Mahatma Gandhi University, Kottayam, Kerala, during December 11-13, 2014.
12. **DAE-BRNS 12<sup>th</sup> Biennial Symposium on Nuclear and Radiochemistry (NUCAR-2015)** held at NPCIL Auditorium, Anushakti Nagar, Mumbai during February 9-13, 2015.
13. **National Seminar on “International year of Crystallography (IYCr-2014)”** held at Department of Physics, Gulbarga University, Gulbarga during March 27-28, 2015.

## **TEACHING EXPERIENCE**

1. Sharanbasveshwar Degree College of Science Kalaburagi.
2. Department of Physics, Gulbarga University Kalaburagi.
3. Shaheen Independent PU College, Bidar.

## **AREAS OF INTEREST**

1. Radon, thoron and their progeny measurements
2. Interaction of Radiation with Matter
3. Radionuclides concentration measurements.
4. Educational Psychology.
5. Teaching and Research.

## **DECLARATION:**

I hereby declare that all the information furnished above is true and correct to the best of my knowledge.

Date: 15/10/2018

Place: Kalaburagi

yours faithfully

- Sd -

(Avinash Pandurang)