



1. **Name:** Dr. K. S. Pruthvi Rani,  
2. **Qualification:** M.Sc; Ph.D

Programme	Specialization	Institution/University
M.Sc Physics	Nuclear Physics	University of Mysore
Ph. D	Atmospheric and Radioactive Physics	University of Mysore

3. **Designation:** Assistant Professor  
4. **Experience:** 2 Years  
5. **Email:** pruthvi02@gmail.com

### Articles in Journals

Sl.No	Title	Name of Journal	Date of Publication	Volume No/Issue No/Page No
1.	Diurnal variations of $^{218}\text{Po}$ , $^{214}\text{Pb}$ , and $^{214}\text{Po}$ and their effect on atmospheric electrical conductivity in the lower atmosphere at Mysore. <b>Pruthvi Rani K.S</b> , Paramesh L and Chandrashekara M. S.	Journal of Environmental Radioactivity. (Elsevier Publications, USA)	2014	ISSN 138, 438-443.
2.	Studies on spatial variations of radon and its progeny inside a dwelling, Mysore city, India. <b>K. S. Pruthvi Rani</b> , M. S. Chandrashekara and L. Paramesh.	American International Journal of Research in Science, Technology, Engineering & Mathematics.	June- August, 2014	ISSN 2328-3629 7(3), pp. 234-237.
3.	Vertical profile of radon and its progeny concentrations and its effect on atmospheric electrical conductivity near the surface of the earth. <b>K. S. Pruthvi Rani</b> , M. S. Chandrashekara and L. Paramesh.	International Journal of Advanced Scientific and Technical Research	2014	ISSN 2249-9954 4 (4). pp 119-129.
4.	Measurement of gamma	<i>Radiation</i>	2013	ISSN 0972-

	natural background radiation in Chamaraja Nagar district, Karnataka state, India. KM Nagaraju, MS Chandrashekara, <b>KS Pruthvi Rani</b> , L Paramesh,	<i>Protection and Environment</i> , Med Know Publications.		0464.35(2), pp 73-76, 2012.
5.	Radioactivity measurements in the environment of Chamaraja Nagar area, India. Nagaraju KM, Chandrashekara MS, <b>Pruthvi Rani</b> , Rajesh BM, Paramesh L.	RadiatProt Environ. Med Know Publications.	2013	ISSN 0972-0464. 36: pp 10-13.
6.	Estimation of radiation dose due to uranium in water to the public in Chamarajanagar district, Karnataka State, India. K.M. Nagaraju, M.S. Chandrashekara, <b>K. S. Pruthvi Rani</b> and L. Paramesh.	American International Journal of Research in Science, Technology, Engineering & Mathematics.	June- August, 2014	ISSN (Print): 2328-3491, pp. 224-228.
7.	Natural Radionuclide in soil samples and radiation dose to the population of Chamarajanagar district, Karnataka State, India. M.S.Chandrashekara, K.M. Nagaraju, <b>K. S. Pruthvi Rani</b> , L.Paramesh.	International Journal of Advanced Scientific and Technical Research	July-August 2014.	ISSN 2249-9954, Issue 4 volume 4, pp. 466-474.
8.	Studies on Gross Alpha Activity in Ground Water Samples of Mandya District, Karnataka State, India.	International Journal of Annals of Natural Sciences	September 2017	ISSN: 2455-667X Volume 3(3), pp 76-80
9.	Studies on Radium Concentration in Natural Water of Chamarajanagar District, Karnataka State, India	International Journal of Emerging Technology and Engineering	January 2018	ISSN: 2259-459, volume 8, pp 299-300

### **Books Published:**

<b>Sl.No</b>	<b>Title of the Book</b>	<b>Name of the Publisher</b>	<b>Date</b>	<b>Issue No</b>
1.	Indoor Radon at Mysore: An overview, Author: <b>K S Pruthvi Rani</b>	Mysore Book House	2016	ISBN 978-93-85629-23-5
2.	Variations of atmospheric	International E-	2018	Communicated

electrical conductivity at Mysore, Author: <b>K S Pruthvi Rani</b>	Publication, Indore – 452005 (MP) India		
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### Seminars/Conferences/Symposium/Workshops

Sl.No	Name of the Conference/Seminar/Symposium/Workshop	Type of Program	Title of the Article	Role	Venue	Date
1.	<i>Current Prospectives on Environmental Protection</i>	International	Studies on variations of $^{222}\text{Rn}/^{220}\text{Rn}$ and their decay products in few villages around Mysore city, India.	Paper Presentation	University of Mysore, Mysore	18-19, February 2012
2.	National Symposium on Materials Science and Engineering	National	Diurnal and vertical variations of atmospheric electrical conductivity and radioactivity near the ground surface at Mysore, India	Paper Presentation	JSS College, Mysuru	21-22, March 2014
3.	National Symposium on Materials Science and Engineering	National	Spatial distribution of radon and its short-lived decay products inside a dwelling.	Paper Presentation	JSS College, Mysuru	21-22, March 2014
4.	National Symposium on Materials Science and Engineering	National	Diurnal variations of Global Electric Circuit parameters at Mysuru. ( $12^{\circ}\text{N}$ ), India.	Paper Presentation	JSS College, Mysuru	21-22, March 2014
5.	2 <sup>nd</sup> International Conference on Po and Radioactive Pb Isotopes.	International	Diurnal variations of $^{218}\text{Po}$ , $^{214}\text{Pb}$ , and $^{214}\text{Po}$ and their effect on atmospheric electrical conductivity in the lower atmosphere at	Paper Presentation	Mangalore University, Mangalore.	10-13 February 2013

			Mysore.			
6.	International conference on radiation environment assessment, measurement and its impact.	International	Studies on natural radioactivity and radiation levels at Mysore City, India.	Paper Presentation	Bhimrao Ambedkar University, Lucknow.	April 12-14, 2012
7.	19th National Symposium on Radiation Physics "NSRP-19"	National	Natural radioactivity levels in soil and rock samples of some areas around Chamarajnagar, Karnataka, India.	Paper Presentation	Mamallapuram, Chennai, India	12-14, December 2012
8.	39th COSPAR Scientific Assembly.	International	Temporal variations of atmospheric electrical conductivity related to radioactivity at Mysore,	Paper Presentation	Mysore, India	14-22 July 2012
9.	39th COSPAR Scientific Assembly.	International	Studies on trace gases and particulate matters in Mysore city, India.	Paper Presentation	Mysore, India	14-22 July 2012
10.	<i>Workshop cum Eighteenth National Symposium on Environment (NSE-18)</i>	National	Assessment of radon exhalation rate in soil samples of few locations in Chamaraja Nagar District, Karnataka State, India.	Paper Presentation	JNTUA, Ananthapur, AP, India.	11-13 March 2013
11.	10 <sup>th</sup> Kannada VijnanaSammelana	Regional	ಇತ್ತೀಚಿನಲ್ಲಿ ನಡೆಸಲಾಗುವ ಕಾರ್ಯಕ್ರಮದ ವಿವರಗಳನ್ನು ಕೆಳಕಂಡಂತಿರುತ್ತದೆ. ಈ ಕಾರ್ಯಕ್ರಮವು ಮೈಸೂರಿನಲ್ಲಿ ನಡೆಯಲಿದೆ. ಇದರ ವಿವರಗಳನ್ನು ಕೆಳಕಂಡಂತಿರುತ್ತದೆ.	Paper Presentation	University of Mysore, Mysore	Sept 15-17, 2014.

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12.	10 <sup>th</sup> Kannada VijnanaSammelana	Regional	ÁvÁªÁgÀtzÀ «QgÀt²Ä® ªÀ,ÄÄÛUÀ¼À zÉÊ£ÀÄçfÀ §zÀ¯ªªÀuÉUÀ¼À ÄÄªªÄvÄÄÛ ¯sÀÆ«ÄAiÄÄ ªÉÄÄ¯ÉäöÉ ªÁAiÄÄªªªÄÄÄq À®zÀ «zÄÄävī ªÁªPÀvÉAiÄÄ ªÉÄÄ¯É EªÄÄUÀ¼À ¥ÀjuÁªÄÄ.	Paper Prese ntatio n	Univer sity of Mysore , Mysore ,	Sept 15- 17, 2014.
13.	10 <sup>th</sup> Kannada VijnanaSammelana	Regional	sÀÆk«ÄAiÄÄ ,Ä«ÄÄ¥ÀçAzÀ 200 «ÄÄlgīJvÀÛgÀz ÄªÁgÉUÉ ªÁAiÄÄªªªªÄÄÄq À®zÀ «zÄÄävī ªÁªPÀvÉ ªÄÄvÄÄÛ £ÉÊ,ÀVøPÀ «QgÀt²Ä® ªÀ,ÄÄÛUÀ¼À §zÀ¯ªªÀuÉUÀ¼À ÄÄ	Paper Prese ntatio n	Univer sity of Mysore , Mysore ,	Sept 15- 17, 2014.
14.	19 <sup>th</sup> National Symposium on Radiation Physics, Organised by Indian Society for Radiation Physics	National	Studies on <sup>226</sup> Ra Concentration and <sup>222</sup> Rn Exhalation rate from Soil and Rock Samples in Chamarajanagar District, India. K.M.	Paper Prese ntatio n	Radisso n Blue Resort Temple Bay, Mamall apuram ,	12-14, Decemb er 2012.

### **Own Ph.D Thesis**

<b>Sl.No</b>	<b>Title</b>	<b>Guide's Name</b>	<b>Institution</b>	<b>Month Year</b>	<b>Status</b>
1.	Vertical Profile Study of Atmospheric Electrical Conductivity due to Radon decay Products at Mysore city, Karnataka State, India.	Prof L Paramesh	University of Mysore	October 2015	Awarded