Arya Vidyapeeth College
আর্য্য বিদ্যাপীঠ মহাবিদ্যালয়

Personal profile

Name of the Faculty: Dr. Subir Sarkar

Designation: Associate Professor

Personal Information	Date of Birth: 10-03-1971
	Gender: Male
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	Address for correspondence:
	Flat No. 004,
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	e-mail ID : dr.subirsarkar@rediffmail.com
	Contact no.: 09864221029
	Date of joining the present service: 2003 in Nowgong College; 2009 in Arya Vidyapeeth College
Academic Qualification	MSc, PhD
Teaching Experience	In UG level: 17 Years
	In PG level: No
Research Experience	Date of obtaining / PhD Degree: 2003; Gauhati University.

Title of the PhD thesis:

"A STUDY OF HIGH ENERGY DISINTEGRATION OF PHOTOEMULSION NUCLEI"

Length of research experience: 17 years

Specialization (Area of interest) : Nuclear Physics, Environmental Radon Monitoring, Predictive Study with Artificial Neural Network, Numerical Analysis.

Publications

Published Papers:

i) "Multivariate Regression Analysis by Gradient Descent method on Soil radon Data in Brahmaputra Valley of Assam." **Subir Sarkar** and Hiranya Kumar Sarma; International Journal of Advanced Research in Science and Engineering, Vol. No. 07, Special Issue no. 08, March 2018, ISSN: 2319-8354

ii) "Multivariate Regression Analysis by Gradient Descent method to model Indoor radon Inhalation Dose in the Brahmaputra valley of Assam." **Subir Sarkar** and Hiranya Kumar Sarma. Journal of Assam Science Society, Vol. 59, No. 1 & 2, December 2018, Pp 73 – 83, ISSN: 0587-1921.

iii) "Applying Machine Intelligence to Study Radon Exhalation from Soil" **Subir Sarkar** and Hiranya Kumar Sarma; Journal of Applied and Fundamental Sciences, Vol 5(1), June 2019, Pp 38-43, ISSN 2395-5554 (Print), ISSN 2395-5562 (Online).

Papers presented in Seminar/ Conference

i) Multivariate Regression Analysis by Gradient Descent method on Soil radon Data in Brahmaputra Valley of Assam; S.G.G.S. Khalsa College, Mahilpur, Hoshiarpur, Punjab.; Self, February 12 – 13, 2018.

ii) Multivariate Regression Analysis by Gradient Descent method to model Indoor radon Inhalation Dose in the Brahmaputra valley of Assam; Assam Science Society and CIT Kokrajha; SERB, New Delhi, 9 – 11 March 2018.

iii) Applying Machine Intelligence to Study Radon Exhalation from Soil; Assam Don Bosco University. Self, 22 – 23 February 2019.

iv) Rainfall Prediction by Artificial Neural Network; Assam Science Society and Cotton University; 28 – 29 June 2019.

Acted as Resource person/ chaired

i) S.G.G.S. Khalsa College, Mahilpur, International, February 12 – 13, 2018.

technical session	ii)	Department of Physics, Arya Vidyapeeth College, DBT.
	iii)	Department of Physics, Assam Don Bosco University.
	iv)	Department of Physics, Bodoland University.
Membership in reputed national/ international agency	i)	Nuclear Track Society of India.
	ii)	Physics Academy of North East.
Corporate Social responsibility	i)	Member of the College Purchase Committee.

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