



Lekshmipuram College of Arts & Science
Neyyoor- 629802



TEACHER PROFILE
Department: PHYSICS

1	Name	:	Dr.V.Sarojini			
2	Date of Birth	:	10.12.1976			
3	Educational Qualification	:	Msc.,B.ed, M.Phil,Phd			
4	Date of Appointment	:	05.12.2007			
5	Designation	:	Assistant Professor			
6	Experience (01-06-2015)	:	UG	11	PG	2
7	Communication Address with e-mail ID and contact number	:	5-76 A, Puthuvilai Thalakulam-629802 04651-221041, 9487056281 Email:vsarog@gmail.com			
8	Permanent Address	:	5-76 A, Puthuvilai Thalakulam-629802 04651-221041, 9487056281			
9	Area of specialization (Research)	:	Radiation Physics			
10	Participation in Academic Bodies	:				
11	Number/List of Conferences/seminar/workshop attended	:	Number : 17 List in Annexure -1			
12	Number/List of paper published in proceedings	:	Number : 8 List in Annexure -1			
13	Number /List of paper published in Journals(National/International)	:	Number : 8 List in Annexure -2			
14	Number /List of Books Published	:	Nil			
15	Number/ List of chapters in Books	:	Nil			
16	List of invited Talks	:	Nil			
17	Contributions as Resource Person	:	1 – List in Annexure – 3			
18	List of M.Phil guided/awarded	:	Nil			
19	List of Ph.D guided /awarded	:	Nil			
20	UGC -Minor/Major, CICT, other Funding Agencies project completed /ongoing	:	1 - OngoingList in Annexure - 4			
21	Participation in Refresher/Orientation course	:	2 - List in Annexure -5			
22	Any other relevant information (Co-curricular Activities)	:	NSS Programme Officer			
23	Membership in professional bodies	:	5 - List in Annexure -6			
24	Editorial positions	:	1-List in Annexure - 7			
25	Any other	:				

Annexure-1

List of Paper published in Proceedings

1. Measurement of Alpha, Beta and Gamma Radiation at Puthoor, Mondaicaud- V.Sarojini, K.Esaiselvan, T.Chithambarathanu. "Scientific Tamil National Conference" on Oct. 7th and 8th, 2010 at Vivekananda Kendra, Kanyakumari Conducted by Government of Tamil Nadu and ManonmaniamSundaranar University.
2. Analysis of Radioactivity in Soil, Water and Fruits at Muttom [NHBRA] Kanyakumari District - V.Sarojini, K.Esaiselvan, K.Sreekumar and T.Chithambarathanu. "National Seminar on Advances in Physics NSAP-2011" on March 10th and 11th organized by Department of Physics, ManaonmaniamSundaranar University, Tirunelveli, funded by UGC, New Delhi, India.
3. Estimation of Radioactive Nuclides in Soil, Fruits and Water at Colachel [NHBRA] - V.Sarojini. "Seventh All India Conference of KAAS" conducted by KAAS at Women's Christian College, Nagercoil on Sep 10th and 11th, 2011.
4. Estimation of Radioactive Nuclides in Soil, Water, and Vegetable at Simon Colony (NHBRA), Tamil Nadu - V.Sarojini, T.Chithambarathanu. "National Conference on Spectro Physics" organized by Indian Spectro Physics Association (ISPA) in collaboration with Research Department of Physics, Pachaiyappa's College, Chennai and Dept. of Physics Women's Christian College, Chennai on 7th and 8th March 2012, Sponsored by UGC and CSIR.
5. Estimation of Radioactivity content in Beach sands of Kanyakumari Coast, Tamil Nadu – V.Sarojini, T.Chithambarathanu. 19th "National Symposium on Radiation Physics [NSRP-19]" from Dec.12-14, 2012 at Mamallapuram, Tamil Nadu, India organised by Indian Society for Radiation Physics supported by IGCAR, Kalpakkam& Indian Nuclear Society.
6. Analysis Radon/Thoron concentration in air and determination of total dose at Manavalakurichy (NHBRA) of Kanyakumari District in Tamil Nadu – V.Sarojini. T.Chithambarathanu. UGC sponsored "National Seminar on Environment and Atmospheric Sciences" on 7th and 8th February 2013, at S.T. Hindu College, Nagercoil.
7. Analysis Radioactivity content in Soil,Water and Fish at Simon Colony using Gamma ray spectrometer -V.Sarojini. T.Chithambarathanu. UGC sponsored "National Seminar on Spectro Physics - 2015" on 30th and 31st January 2015, at S.T. Hindu College, Nagercoil.
8. Analysis of Radioactivity content in Soil, Water and vegetable at Kurumpanai (NHBRA) Kanyakumari- V.Sarojini, T. Chithambarathanu. UGC sponsored National Conference on Emerging Trends in Applied Physics NCETAP-2015 on 19th and 20th February 2015 at Lekshmpuram College of Arts and Science, Neyyoor.

Conference /Seminar / Workshop Attended

1. Inter State seminar on 'Recent Trends in Physics' held on 29th September, 2004 at SreeAyyappa College of Arts and Science, Chunkankadai.
2. State Level seminar on 'Recent Developments in Physics' held on 30th September, 2004 at WomensChristian College, Nagercoil.
3. One day First Aid Training Camp held at Lekshmipuram College of Arts and Science, Neyyoor on 13th February 2005 jointly organised by Lekshmipuram College of Arts and Science, Neyyoor and St. John Ambulance association, Thoothukudi.
4. One day State Level seminar on Human Rights organised by NSS units of Lekshmipuram College of Arts and Science, Neyyoor on 31st March,2005.
5. DBT sponsored National Seminar on Global warming and its Impact on environment along Indian Ocean held at Lekshmipuram College of Arts and Science, Neyyoor on 22nd and 23rd August, 2008.
6. Seminar on Natural Radioactivity at S.T.Hindu College, Nagercoil on 19th January, 2010.
7. BRNS, CSIR sponsored National conference on "Physics of New Materials" at Noorul Islam University, Kumarakoil on 20th and 21st April, 2012.
8. State Level seminar on 'Towards inclusive, Equitable, Secular & Quality Higher Education for all' organized by MUTA at Tirunelveli on 27th September, 2014.
9. MUTA 3rd Academic Conference and Seminar on "Contemporary Issues in Higher Education" on 26th September 2015 at SreeAyyappa College of Arts and Science, Chunkankadai.

Annexure – 2

Papers Published in Journals

1. Estimation of Radioactivity in Water, Soil, Fruits and its concentration at Mondaicaud – V.Sarojini. LPC Bulletin on Research [ISSN: 2249 – 3417] Volume 1, No.1, 2010 PP.14-16.
2. Estimation of ^{210}Po in Coastal Regions of Kanyakumari District of Tamil Nadu, India – V.Sarojini, K.Esaiselvan, K.Sreekumar and T.Chithambarathanu. International Journal of Pure and Applied Physics [ISSN: 0973-1776] Vol.7, 2011 PP.229-234.
3. Estimation of Radiactive Nuclides in Soil, Water and Vegetable at Manavalakurichi (NHBRA), Tamil Nadu, India – V.Sarojini and T.Chithambarathanu. International Journal of Physics and Applications [ISSN: 0974-3103] Volume 4, 2012 PP.31-35.
4. Gross Alpha and Gross Beta activity concentrations in drinking water collected from Muttom to Colachel in Kanyakumari District of Tamil Nadu, India – V.Sarojini and T.Chithambarathanu. International Journal of Advances in Science and Technology [ISSN: 2229 – 5216] Volume 4, No.6, 2012, PP.83-86.
5. Analysis of Radioactivity content in Drinking water of the coastal villages [NHBRA] in Kanyakumari District of Tamil Nadu, India – V.Sarojini and T.Chithambarathanu. International Journal of Applied Environmental Sciences [ISSN: 0973 – 6077] Volume 7, Number 4, 2012, PP.447-451.
6. Estimation of Radioactive Nuclides from Engraulis fish specimen at Manavalakurichy coast of Kanyakumari District in TamilNadu, India. TamilSelvi. A andSarojini. V. International Journal of Environmental Research and Development. ISSN 2249-3131.Vol 4, No.2 (2014) PP(77-80)
7. Baseline Assessment of Dose due to Natural Radionuclides in soils of coastal regions of Kanyakumari District in Tamil Nadu, India. Sarojini. V. IOSR Journal of Environmental science, Toxicology and Food Technology. ISSN:2319-2399. Vol.8 ,Issue 9, September 2014. Pp (1-4).
8. Analysis of Radioactivity content in sediment, water and Fish collected from RajakkamangalamEstury of Kanyakumari District in TamilNadu, India. Nandhakumari. P, Tamilselvi. A, Sarojini. V, Palavesam . IOSR Journal of Environmental science, Toxicology and Food Technology. ISSN:2319-2399. Vol.8 ,Issue 12, December 2014. Pp (1-4).

Annexure-3

Acted as a judge for the District level Science Exhibition held at St.Mary's H.S.S. Colachel on 5th November, 2015.

Annexure-4

UGC-Minor Research Project

Estimation of Radiation Dose at Naturalty High Background Radiation Areas (NHBRA) OF Kanniyakumari District ,TamilNadu and its Computational Assessment.

Annexure- 5

Refresher / Orientation Course Attended

1. UGC sponsored Orientation programme (IT oriented) conducted by the UGC – Academic Staff College, University of Kerala, Kariavattam from 05-02-2010 to 04-03-2010.
2. UGC sponsored Refresher programme in Nano Sciences conducted by the UGC – Academic Staff College, University of Kerala, Kariavattam from 11-11-2014 to 01-12-2014.

Annexure-6

Member in Professional Bodies

1. Life Member in Indian Science Congress Association
2. Life Member in Indian Society for Radiation Physics, (K) Chapter
3. Life Member in Indian Society for Radiation Biology
4. Life Member in KAAS
5. MUTA

Annexure-7

Editorial Board Member in Proceedings of the Seventh All India Conference of Kanniyakumari Academy of Arts and Science .ISBN 978-81-909710-0-3.