


Dr. PRAKASH V.

I. PERSONAL DETAILS:

Name of Teacher: Dr. Prakash V.	Father: S. VamananNamboodiri	Mother: V. T. Bhanumathi	
Date of Birth:05.05.1982	Sex: Male	Marital Status: Married	
Religion: Hindu	Caste:Samanthan	Category: Gen (Gen/OEC/OBC/SC/ST)	
Phone Numbers: Home:04602257675	Office: 0497 2805521	Mobile:8547706706	
Email ID: prakashamv@gmail.com	Home Page/Site/Blog: Nil		
Present Address		Permanent Address	
House Name	Alakapuri House, Chedicherry	Alakapuri House, Chedicherry	
Town	Irikkur	Irikkur	
P. O	Peruvalathuparamba	Peruvalathuparamba	
District, State	Kannur, Kerala	Kannur, Kerala	
Pin Code	670593	670593	

II. SERVICE DETAILS

Department & Designation	Physics, Assistant Professor	Date of Appointment: 11.02.2011	Total Service:6 Yrs.
		Date of Retirement: 31.05.2038	

III. A. ACADAMIC QUALIFICATIONS (SSLC Onwards)

Course	Institution	Subject /Topic	Year of Award
S.S.L.C.	KPCHS Pattanur	-	1997
Plus Two	IMNSGHSS, Mayyil	Science	1999
B Sc.	Vijaya College, Mulki	Physics, Mathematics and Computer Science	2002
M Sc.	Mangalore University Campus, Mangalagangothri	Physics	2004
Ph. D	Mangalore University Campus, Mangalagangothri	Radiation Physics	2009

B. ADDITIONAL DEGREES/DIPLOMAS/CERTIFICATES: Nil

Course	Institution	Subject /Topic	Year of Award

C. PUBLICATIONS

Magazine/ Book (with ISSN/ISBN)	Topic/Title	Publisher	Date of Publication
Book (ISBN 978-93-86035-52-3)	New Approach to Experiments in Physics	Laxmi Publications	04.02.2015

D. SEMINARS/CONFERENCES/WORKSHOPS

1. ATTENDED (WITHOUT PRESENTATION)

Thrust Area	Organiser	Duration		
		From	To	Days
Faculty Development Program (FDP)	SDMIT/ISTE	29.07.11	31.07.11	4
National Seminar on Recent Trends in Cytogenetics	UGC/Payyanur College	05.01.12	07.01.02	3
State Level Leadership Camp	College Teachers	11.11.12	-	1
National Seminar on Quantum Mechanics	TEQUIP/GCE Kannur	13.12.12	15.12.12	3
NPTEL Workshop-National Level	SDMIT, Ujire	07.01.13	-	1
Chemical Sciences-National Seminar	KSHEC/Payyanur College	14.02.13	15.02.13	2
New Frontiers in Physics-National Seminar	KSHEC/Sir Syed College	07.03.13	08.03.13	2
UG Physics Workshop	Kannur University	12.12.13	-	1
Nuclear and Radiation Physics-National Seminar	UGC/Payyanur College	13.02.14	14.2.14	2
PG Physics Workshop	Kannur University	15.02.14	-	1
Academic Writing and Publishing Workshop	KSHEC	20.02.14	-	1
Albedo-Climate Change Workshop	PG Dept., Payyanur College	22.02.14	-	1
FDP on Science Entrepreneurship	DST	10.05.14	23.05.14	14
FLAIR Interface Meeting	KSHEC/KSCSTE	01.08.14	-	1
FLAIR Induction Training Program-Good Learning	DCE/New initiatives in KSHEC	22.01.15	24.01.15	3
FLAIR National Internship	KSHEC/SINP	30.01.15	28.02.15	30
Seminar on 'Climate change and water resources'	Payyanur College	12.06.15	-	1
FLAIR Coffee Table Discussion-Symbiosis-15	KSHEC	15.06.15	-	1
Seminar on optical fiber fabrication	Payyanur College	25.06.15	-	1
National Seminar on Research Aspirants of Nanomaterials (NSRANA-2015)	SJCIT, Chickballapur	21.07.15	22.07.15	2
Seminar on Astronomy-State Level	KSCSTE/Payyanur College	29.07.15	-	1
Optics and Photonics- National Seminar	KSCSTE/Payyanur College	06.08.15	07.08.15	2
FLAIR Refresher Training Program	KSHEC	17.08.15	18.08.15	2
National Education Policy Workshop	Block Panjayath, Payyanur	17.09.15	-	1
System of Particles & Rotational Motion-State Level	GHSS, Sreekandapuram	19.08.15	-	1
Multi-disciplinary Seminar Series-Convergence 15	SES College, Sreekandapuram	31.09.15	-	1
First National Conference on Advanced Nano-materials (CAN 2015)	UGC/Nirmalagiri College	01.10.15	02.10.15	2
FLAIR Communication Skill Development Training	KSCSTE	28.10.15	29.10.15	2
National Seminar on Gravitation & Light: New Horizons	KSHEC/GBC Thalassery	05.01.16	-	1

National Conference on Emerging Research Trends in Chemistry (NCERTC-2016)	UGC/Payyanur College	06.01.16	08.01.16	3
FLAIR Internship Impact Assessment Program	KSHEC	08.03.16	-	1
Endowment Lecture cum Workshop	Payyanur College	22.03.16	23.03.16	2
One Day Orientation Program on Anti Plagiarism	Kannur University	22.06.16	-	1
National Seminar on GNOSIS II 2016-Facts of Physics	MG College, Iritty/IQAC	23.06.16	25.06.16	3
One Day Outreach Program-Facilitating Innovation and Patent Filing	IUCIPR & MHRD, CUSAT	20.07.16	-	1
National Seminar on Inter-disciplinary Research-Challenges and Opportunities	ABS/Mangalore University	18.10.16	-	1
National Seminar on Radiation –Medical, Industrial and Research Applications	Sir Syed College, Thalipparamba/KSCSTE	25.11.16	26.11.16	2
National Seminar on Physics for Post Graduates	Payyanur College	06.03.17	-	1
Ionizing Radiation–Sources and Effects (ETAS-17)	RRCE, Kumbalagodu	17.05.17	18.05.17	2

2. ATTENDED WITH PAPER PRESENTATION

Thrust area& Title of the Paper	Organiser	Duration		
		From	To	Days
Radiation Physics (ISARP-2011) 1.Statistical Analysis and Effect of Physico-Chemical Parameters on Radionuclides in Soil and Sediments of Sharavathi River. 2.Identification of Bio-indicators for Impact Assessment in the Environment of Mangalore, Coastal Karnataka.	Saha Institute of Nuclear Physics (SINP), Kolkotta	16.02.11	18.02.11	3
Environmental Research (ICER-11) 1.Enrichment of ^{210}Po and ^{210}Pb in Monazite Areas of Coastal Karnataka. 2.Natural Radionuclides Concentration in Medicinal Plants and Evaluation of Transfer Factor.	SVNIT, Surat	15.12.11	17.12.11	3
Radiological Protection and Safety in Nuclear Reactors and Radiation Installations (30 th IARP-12) 1.Grain Size Distribution of ^{226}Ra , ^{232}Th and ^{40}K Activity in Sediments of Netravathi River.	Mangalore University	15.03.12	17.03.12	3
Int. Conference on Po and Pb (INCOPoPb-2013) 1.A study on Accumulation of ^{210}Po in Ayurvedic Medicinal Plants in the Environment of Mangalore, Southwest Coast of India. 2. Distribution and Enrichment of ^{210}Po and ^{210}Pb in the Environment of Mangalore, South West Coast of India. 3.Activity Concentration of ^{210}Po and ^{210}Pb , its Contribution to the Radiation Dose and Distribution Coefficient in Aquatic Ecosystem of Major Rivers of Coastal Karnataka.	Mangalore University	10.02.13	13.02.13	4
Challenges in Research and Technology (CRT 13) 1.The Natural Radioactivity Measurements in Soil and Sediments by Gamma Ray Spectrometer.	SDMIT, Ujire	27.09.13	28.09.13	2
Radiation Measurement (IARPNC-2014) 1. Studies on Distribution and Enrichment Pattern of Natural Radionuclides in the Monazite Areas of Coastal Karnataka.	IARP/BARC	19.03.14	21.03.14	3
National Seminar on Research Methodology (NSRM-15)	NASRA College, Tirurkad	24.11.15	25.11.15	2

1.Uptake Study of Toxic Trace Elements in Medicinal Plants.				
National Conference on Particle Accelerators in Interdisciplinary Research (PAIR-17) 1. Study on Enrichment of Radionuclides in Coastal Environment of Kerala. 2. Investigation of ²²² Rn in Dwellings Using Solid State Nuclear Track Detector. 3.Investigation on the Accumulation of Heavy Metals in the Endosulfan Affected Area.	Mangalore University	11.04.17	13.04.17	3
National Conference on Emerging Trends in Applied Sciences(ETAS-17) 1.Studies on the Surface Chemical Behavior of LR-115 SSNTD by Etching.	RRCE, Kumbalagodu	17.05.17	18.05.17	2
National Conference on Reaching the Unreached through Science and Technology: Recent Advances in Physical,Chemical, Mathematical and Biological Sciences for Energy, Health and Environment (NCST-RU) 1. Radon and Progeny Concentrations in Dwellings of Kannur District, Kerala. 2.A Comparative Study of Radionuclides in Different Environmental Matrices of Coastal Kerala and Assessment of Radiation Hazards to the Population	ISCA/Mangalore University	08.09.17	09.09.17	2
5 th National Conference on Condensed Matter Physics and Applications (CMPA-2017) 1.Estimation of Thoron Concentration in Dwellings of Kannur District, Kerala. 2.A Systematic Investigation on Grain Size Enrichment of Radionuclides and Assessment of Radiation Hazards along the Coastal Environment of Kerala.	MIT, Manipal	22.09.2017	23.09.2017	2
20 th National Conference on Solid State Nuclear Track Detectors and Their Applications (SSNTDs-20) 1.Studies on Surface Chemical Behaviour of LR-115 SSNTD by etching at various temperatures. 2.Investigation on Radon Concentration in water to Assess the whole body dose along South-West Coast of Kerala, India.	VVIET, Mysuru	26.10.2017	28.10.2017	3
National Conference on Radiation Physics (NCRP-2017) 1.Assessment of Natural Radioactivity and Radiation Hazard Parameters in the Coastal Environment of Kerala.	Bangalore University	23.11.2017	24.11.2017	2
International Conference on Developments towards Improvement of Radiological Surveillance at Nuclear Facilities and Environment (IARPIC-2018) 1.Seasonal Variation of Radon Concentration in Water and Assess the whole body dose along South-West Coast of Kerala, India.	BARC, Mumbai (status to be updated)	16.01.2018	20.01.2018	5
30 th Kerala Science Congress 1.Radon and progeny Concentrations in Dwellings of High Background Radiation Area, Kerala. 2.Investigation on Radon Concentration in Water to Assess the whole body dose along Coastal parts of Kerala, India.	Govt. Brennen College, Thalassery (status to be updated)	28.01.2018	30.01.2018	3

3. REFRESHER & ORIENTATION COURSES

Thrust area	Organiser	Duration		
		From	To	Days
Orientation course for all subjects	UGC-ASC, Kannur University	04.07.11	30.07.11	27
Refresher course in Quantum Mechanics (Summer School in QM)	UGC-ASC, Kannur University	03.04.13	23.04.13	21

4. PROJECT WORK DETAILS

1. MINOR PROJECT WORKS: (Title, Funding Agency, Date of Commencement/Submission, Sanctioned Amount)

Title: Studies on Indoor and Outdoor Radon (^{222}Rn) and its Short-Lived Progeny Concentration for the Assessment of Safety and Health of Public in the Environment of Coastal Kerala.

Funding Agency: UGC SWRO, Bangalore: No. F. MRP(S)-0229/12-13/KLKA002/UGC-SWRO dt.23.09.13

Date of Commencement: 23.09.2013

Date of Submission: 23.02.2016

Sanctioned Amount: 1,65,000/-

2. MAJOR PROJECT WORKS: (Title, Funding Agency, Date of Commencement/Submission, Sanctioned Amount)

Nil

IV. OTHER RELATED ACTIVITIES

Position	Activity & Organization	Year (From- To)	Duration
OUTSIDE THE CAMPUS			
BOE (PG Physics) member	Kannur University	21.06.11- till date	6 Yrs.
BOE (UG Physics) member	Kannur University	30.11.11- till date	6 Yrs.
Research Guide in Physics	Kannur University	14.05.13 - till date	4 Yrs.
BOS (UG Physics) member	Kannur University	02.07.13-01.07.15	2 Yrs.
BOE (PG Physics) member	St. Aloysius College	05.11.13-till date	3 Yrs.
BOAE (PG Physics) member	QP Setter, St. Aloysius College	05.03.14-till date	3 Yrs.
Subject Expert, FDP	Selection of faculty for FDP, Kannur University	06.03.2015-till date	3 Yrs.
Member, Doctoral Committee	Ph D. Program, Kannur University	21.08.15-till date	3 Yrs.
BOE (PG Physics) member	St. Joseph's College, Devagiri	14.09.15-till date	2 Yrs.
BOE (PG Physics) member	QP Setter, St. Joseph's College, Devagiri	14.09.15-till date	2 Yrs.
BOS (PG Physics) member	Kannur University	27.11.15-26.11.17	2 Yrs.
ON THE CAMPUS			
Co-ordinator, EDP Club	Payyanur College	03.01.14-02.01.16	2 Yrs.

Convener, UGC National Seminar (FNRP-14)	Payyanur College	13.02.14-14.02.14	2 Days
Co-ordinator, add on course	Payyanur College	01.06.14-31.03.15	1 Yr.
Co-ordinator, Physics Club	Physics Club	20.08.14-till date	3 Yrs.
Convener, Seminar on Astronomy	KSCSTE/Payyanur College	29.07.2015	1 Day
Convener, KSCSTE National Seminar (NSOP-15)	Payyanur College	06.08.15-07.08.15	2 Days
Co-ordinator Open Course	Payyanur College	08.01.16-till date	1 Yr.
Co-ordinator, Endowment Lectures cum Workshop	Payyanur College	22.03.16 - 23.03.16	2 Days
Co-ordinator, Workshop on Python Programming for Physics Teachers of KU	Payyanur College	21.05.2016	1 Day
Co-ordinator, National seminar on Physics for PG's	Payyanur College	06.03.17	1 Day
Co-ordinator CBCSS	Payyanur College	01.06.17-till date	

V. PAPERS PUBLISHED

1. Study of Transfer of Trace Elements from Soil to Medicinal Plants in the Environment of Mangalore. *Int. Journal of Radioanalytical and Nuclear Chemistry*. vol. 290 issue 1 October 2011. p. 103 – 107.
2. Effective Doses due to Intake of Radiotoxic Radionuclides ^{226}Ra , ^{210}Po and ^{210}Pb through Drinking Water of Coastal Karnataka. *Int. Journal of Radioanalytical and Nuclear Chemistry*. vol. 290 issue 1 October 2011. p. 137 – 140.
3. Fully Interpenetrating Polymer Network from Natural Rubber and Guar Gum for the Preparation of Nano-composites. *Int. Journal of Advanced Scientific and Technical Research*.
4. Uptake Study of Toxic Trace Elements in Medicinal Plants' in NSRM 15 Inter-disciplinary Research Review (ISBN 9788193167076).

VI. TALK DELIVERED AS RESOURCE PERSON

1. What is Super about Super Conductors at SES College, Sreekandapuram on 25.10.2011.
2. Clean Energy Options and Nuclear Safety at SN College Kannur on 27.02.2012.
3. Influence of Primary Education in an Individual's Life' at ALP School, Chooliyad on 04.06.2012.
4. Introduction to Nuclear Physics at X Pius College, Rajapuram on 04.01.2013.
5. Spectra of Atoms and Molecules – an Overview at Dr.Ambedkar Arts & Science College, Periya on 24.01.2014.
6. Career in Physics at EKNM Govt. College, Elarithath as a part of 'walk with scholar' program on 25.01.2014
7. Facets of Nanotechnology as part of National seminar on Research Aspirants of Nano-materials and its Applications (NSRANA-2015) at SJCIT, Chickballapur on 22 .07.2015.
8. System of Particles and Rotational Motion at GHSS, Sreekandapuram on 19.08.2015.
9. Straight Forward Approaches and Challenges in Science as part of the Multi-disciplinary Seminar Series Convergence-15 at SES College, Sreekandapuram on 01.10.2015.
10. Facts of Physics as part of National Seminar on Gnosis II 2016 at MG College, Iritty on 24.06.2016
11. Ionizing Radiation in the Environment as part of National Seminar on Radiation –Medical, Industrial and Research Applications at Sir Syed College on 25.11.2016.

12. CV Raman's Contribution Towards Popularizing Basic Sciences at NASC, Kanchangad on 27.02.2017.
13. Radiation –a Boon or Bane at Gurudev Arts & Science College on 28.02.17
14. Ionizing Radiation –Sources and Effects as part of National Conference on Emerging Trends in Applied Sciences, ETAS-17 at RRCE, Kumbalagodu, Bangalore on 18.05.2017.

VII. MEMBERSHIP

1. Life member of Indian Physics Association (LMIPA, GEN/LM12441)
2. Life member of the Indian Society for Radiation Physics (LMISRP, 444)
3. Life member of the International Radiation Physics Society (LMIRPS)
4. Life member of Indian Society for Technical Education (LMISTE, LM62310)
5. Life member of Indian Science Congress Association (LMISCA, L14481)
6. Life member of Indian Association of Radiation Protection (LM1425)



(PRAKASH V.)