


**PREETHI RAJAN M. K.**

**I. PERSONAL DETAILS:**

Name of Teacher: Preethi Rajan M. K.	Father: Rajan P. K.	Mother: Geetha M. K.	
Date of Birth: 30.05.1986	Sex: Female	Marital Status: Married	
Religion: Hindu	Caste: Nambiar	Category: Gen (Gen/OEC/OBC/SC/ST)	
Phone Numbers: Home 04602231925	Office: 04972805521	Mobile: 9497379208	
Email ID: preethinambiarmk@gmail.com	Home Page/Site/Blog:		
Present Address		Permanent Address	
House Name	Kuttiyal House	Raji Nivas	
Town	Vayakkara, Sreekandapuram	Purachery	
P. O	Kaithapram	Ezhilode	
District, State	Kannur, Kerala	Kannur, Kerala	
Pin Code	670631	670309	

**II. SERVICE DETAILS**

Department & Designation	Assistant Professor of Physics	Date of Appointment: 11.02.2011	Total Service: 6 yrs.
		Date of Retirement: 31.05.2042	

**III. A. ACADAMIC QUALIFICATIONS (SSLC Onwards)**

Course	Institution	Subject /Topic	Year of Award
SSLC	GHSS Kunhimangalam		2001
HSE	GHSS Kunhimangalam		2003
B Sc Physics	Payyanur College, Payyanur	Physics (* Secured II Rank)	2006
M Sc Physics	Kerala University Campus	Physics (* Secured II Rank)	2008
B Ed	Kannur University Campus	Physical Science	2009
UGC/NET	CSIR	Physical Science (*JRF)	2009

**B. OTHER DETAILS**

Position	Description of duties	Year
Member	Question Paper Setter- CMS College, Kottayam (Autonomous)	2017

## B. PUBLICATIONS

Magazine/ Book (with ISSN/ISBN)	Topic/Title	Publisher	Date of Publication
Journal	Semi empirical Formula for neutrinoless double beta decay	Journal of Nuclear Physics, Material sciences Radition and applications	(2016) V-3 No-2 165
Journal	Studies on two neutrino double beta decay	Indian Journal of Physics	(2017) (in Press)

## C. SEMINARS/CONFERENCES/WORKSHOPS

### 1. ATTENDED (WITHOUT PRESENTATION)

Thrust area	Organiser	Duration		
		From	To	Days
Astronomy	Dept. of Physics, Payyanur College, Sponsored by KSCSTE	29.07.2015		1
The centenary celebration of Bohr atom model	Dept. of Physics, Mattanur College, Sponsored by KSCSTE	10.10.2014		1
Endowment lectures cum workshop	Dept. of Physics, Payyanur College, Payyanur	22.03.2016	23.03.2016	2
National seminar on physics for Post Graduate	Dept. of Physics, Payyanur College, Payyanur	06.03.2017		1

### 2. PROCEEDINGS OF THE SYMPOSIUM/SEMINAR

Thrust area & Title of the Paper	Organiser	Duration		
		From	To	Days
Library systems for science students	UGC Sponsored national seminar on Current trends in organization of knowledge (Mattanur, India)	24-12-2011	26-12-2011	3
N=184 magacity through cluster decay systematic in SHE region	UGC Sponsored national seminar on EOSN (Mattanur, India)	23-09-2011	24-09-2011	2
Semi empirical Formula for neutrinoless double beta decay	Int. Nat. Symp., on Nucl. Phys. (BARC, India) <b>V58</b> 154 (2013), (ISBN 81-8372-070-6)	02-12-2013	06-12-2013	5
<sup>298</sup> 114, next predicted doubly magic nuclei in the SHE	Int. Nat. Symp., on Nucl. Phys. (BARC, India) <b>V58</b> 126 (2013), (ISBN 81-8372-070-6)	02-12-2013	06-12-2013	5
Empirical Formula for two neutrino double beta decay	DAE BRNS Symp., on Nucl. Phys. (Varanasi, India) <b>V59</b> (2014) (ISBN 81-8372-076-5)	08-12-2014	12-12-2014	5
Alpha radioactivity of various Fm, No and Rf isotopes	UGC Sponsored national seminar on ETIC (Nemmara, India) 24 (2014), (ISBN 978-81-89085-92-6)	04-12-2014	05-12-2014	2
Existence of proton halo nuclei via cluster radioactivity	DAE BRNS Symp., on Nucl. Phys. (Andra Pradesh, India) <b>V60</b> 152 (2015) (ISBN 81-8372-077-3)	07-12-2015	11-12-2015	5
Existence of neutron halo nuclei against cluster decay,	DAE BRNS Symp., on Nucl. Phys. (Kolkatha, India) <b>V61</b> 162 (2016) (ISBN 81-8372-079-X)	05-12-2016	09-12-2016	5
Studies on beta decay of isotopes in the heavy region	DAE BRNS Symp., on Nucl. Phys. (Kolkatha, India) <b>V61</b> 476 (2016) (ISBN	05-12-2016	09-12-2016	5

	81-8372-079-X)			
Empirical formula for the most stable isobar against beta decay	<i>DAE BRNS Symp., on Nucl. Phys. (Punjab, India) V62 444 (2017)</i>	Dec-2017		5

### 3. REFRESHER & ORIENTATION COURSES

Thrust area	Organiser	Duration		
		From	To	Days
SUMMER SCHOOL IN STATISTICAL MECHANICS	ASC, KANNUR UNIVERSITY	28-04-2014	17-05-2014	20
ORIENTATION COURSE	ASC, KANNUR UNIVERSITY	03-09-2012	29-09-2012	27