

**Kalaingar Karunanidhi Govt. Arts College for women (Autonomous),  
Pudukkottai-622001**

**STAFF PROFILE**



**i) General Informatio**

a) Name : **Dr.K.Karthikeyani Vijayakumari**

b) Address (Residential): No.376, PU Chinnappa Nagar,  
7<sup>th</sup> Street  
Pudukkottai

c) Designation: Assistant Professor

d) Department: Physics

e) Date of Birth: 01.06.1979

f) E-mail id [kskvkumari@gmail.com](mailto:kskvkumari@gmail.com)

g) Area of Specialization: Ultrasonic & Solid Physics

**A) Academic Qualifications**

Exam Passed	Subjects	Board/ University	Year	Division/ Grade/ Merit, etc.
High School	Scared Heart School Pudukkottai	State Board	1994	I
Higher Secondary or Pre-degree	Ranees Government Higher Secondary School	State Board	1996	II
UG	Government Arts College for Women, Pudukkottai	Bharathidasan University	2001	I
PG	Annamalai University Chidambaram	Annamalai University Chidambaram	2003	I
Ph.D.,		Annamalai University Chidambaram	2009	Awarded 2009
National Educational Testing (NET) UGC	---	---	--	--

State Level Educational Testing (SLET)	--	--	--	----
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**i) Research Experience & Training**

Research Stage	Title of work / Thesis	University where the work was carried out
Ph.D.	Ultrasonic & Soil Physics	Annamalai University
Publications (give a list separately)	ANNEXURE -I	-----
Research Guidance (give names of students guided successfully)	----	-----

**(ii) Seminars, Conferences, Symposia Workshops etc. attended (If necessary, give a separatelist)**

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
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**iii) Teaching Experience**

Courses Taught	Name of the University / College / Institution	Duration
i UG Physics /.B.E	Mount zion College of Engineering and Technology, Pudukkottai District	2008-2011

**Total Teaching Experience (in years and months):**

- a) Under-graduate(Sci.) : 10
- b) Under-graduate (Hons.): --
- c) Post-graduate : 10
- d) Research : (M.Phil) 03  
: (Ph.D) 01

**viii) Innovations/ Contributions in Teaching (If necessary, give a separate list)**

a) Design of Curriculum:	Member in Board of Studies
b) Teaching methods:	Chalk and Talk method, Online -mode (Google Meet), Power point presentation,
c) Laboratory experiments:	Demonstration
d) Evaluation methods:	Class test, Quiz, oral presentation
e) Preparation of resource material including books, reading materials, laboratory manuals etc.:	Study materials
f) Remedial Teaching / Student Counseling (academic) :	Student counseling (academic)
g) Any other:	-

**ix) Extension Work/ Community Service** *(If necessary, give a separate list)*

a) Please give a short account of your contribution to:

i) Community work such as values of National Integration, secularism, democracy, socialism, humanism, peace, scientific temper, flood or drought relief, small family norms etc. ==

:

ii) National Literacy Mission

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b) Positions held / leadership role played in organizations linked with Extension Work National Service Scheme (NSS), or NCC or any other similar activity :

c) **(ii) Seminars, Conferences, Symposia Workshops etc. attended** *(If necessary, give a separatelist)*

d)

Name of the Seminars / Conferences / Symposia / Workshops etc	Name of the Sponsoring Agency	Place and Date
ANNEXURE-III		

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### e. Participation in Corporate Life

Please give a short account your contribution to:

a) College/ University / Institution	---
b) Co-curricular Activities	writing competitions, drawing competitions
c) Enrichment of Campus Life (Hostels, sports, games, cultural activities)	Encourage the students to participate in the cultural events in intercollegiate competition
d) Students Welfare and Discipline	Executed various programmes for holistic development of the students
e) Membership / Participation in Bodies / Committees on Education and National Development	----
f) Professional Organization of Teachers	----

**E.Membership of Professional Bodies, Societies etc.---**

**Dr.K.Karthikeyani Vijayakumari**  
(Signature of the Teacher)

## ANNEXURE-I

### Publications

1. Study on Physico-Chemical Parameters and Structural Characterization of Soils in Pudukkottai District of Tamil Nadu, India, A. Dhanalakshmi **Karthikeyani Vijayakumari**, Marimuthu, Surendran, *Journal Sustainability, Agri, Food and Environmental Research*, 29.11.2020


<https://www.researchgate.net/publication/342101691>

2. Evaluation of different Soil Textures in Combination with growing Media on Growth, Yield and water Productivity of Blackgram, A. Dhanalakshmi **Karthikeyani Vijayakumari**, Marimuthu Suaiyan, Surendran, *Journal Communications in Soil Science and Plant Analysis*, 29.11.2020

<https://www.researchgate.net/publication/347626535>

ANNEXURE II

**Guide Name: Dr. K. Karthikeyani Vijayakumari**

Sl.No.	Name of the Ph. D Scholar	Bharathidasan University Ref.No.	Title of the thesis	Awarded Ph.D
1.	 A. Dhanalakshmi	Ref.No. 28029/Ph.D.K2/ Physics/P.T/October 2016/Date.23.9.2016	Adopting Ultrasonic and Nanotechnology studies for Assessing the suitable soil media for effective Plant growth and higher water productivity	08.12.2021



### ANNEXURE- III

#### Orientation/Refresher Course

Orientation Course	Tamilnadu State Council for Higher Education and UGC, New Delhi	Academic staff College-University of Madras <b>30 days</b> 04.05.2011 to 02.06.2011
Refresher Course in Physics	UGC and HRDC, Pondicherry University, Puducherry	Pondicherry University, Puducherry <b>21 days</b> <b>15.09.2015-05.10.2015</b>
Refresher course	UGC-HRDC Madurai Kamaraj University, Madurai	Kamaraj University, Madurai <b>21 days</b> <b>10.11.2021-23.11.2021</b>
Refresher Course in Physics	UGC-HRDC	Bharathidasan University, Tiruchirappalli- <b>23.10.19 - 05.11.2019</b>
Refresher Course in Managing Online Classes & Co- creating MOOCS 21.0” (Online mode)	Ministry of Education	Teaching Learning Centre, Ramanujan College ,University of Delhi ,In collaboration with Shri Guru Ram Rai University Dehradun, Uttarakhand <b>14 days</b> <b>07.12.2023-21.12.2023</b>