

BIO DATA

1.	Name in full (in Block letters)	:	Dr. A.Dhanalakshmi, M.Sc. M.Phil. Ph.D., (Physics)
2.	Father's / Husband's Name	:	Dr. S.Marimuthu
3.	Date of Birth	:	04.04.1981
4(i)	Present address for communication with E-mail I.D., Cell No. and Phone No.	:	Associate Professor (Physics) Department of Physics, K.K.Government Arts College for Women (Autonomous), Pudukkottai – 622 001, Tamil Nadu. Email: physicsdhans @gmail.com
4(ii)	Permanent Address	:	Plot No. 9, R.K.Nagar Ashok Nagar, Pudukkottai - 622 001 Tamil Nadu

Present work experience

Designation	Specialization	Period
Assistant Professor (Physics)	Soil Physics and Crystal Growth	13.10.2008 to till date

a .Teaching experience

1.	Under graduate teaching	:	15 Years (from 2008 to till date)
2.	Post graduate teaching	:	15 Years (from 2008 to till date)

b.	Research experience (M.Sc., students)	:	15 Years (from 2008 to till date)
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Research Guidance

M. Sc., (Physics)

Sl. No.	No. of Students Awarded	No. of Students Pursuing
	Full-Time	Full-Time
1	42	3

M. Phil. (Physics)

Sl.No.	No. of Students Awarded	
	Full-Time	Part-Time
1	-	2

Publications

Research articles

Dhanalakshmi Adaikkalam, Karthikeyani Vijayakumari Kandasamy, Marimuthu Subbaiyan and Surendran Udayar Pillai. 2021. Ultrasonic acoustical assessment of molecular interaction in different soil texture and moisture absorbent growing media. *Arabian Journal of Geosciences* (2021) 14:434, pp,1-10,2021

Dhanalakshmi A , K Karthikeyani Vijayakumari, Marimuthu S & U Surendran. 2020. Evaluation of Different Soil Textures in Combination with Growing Media on Growth, Yield, and Water Productivity of Blackgram. *Communications in Soil Science and Plant Analysis, Communications in Soil Science and Plant Analysis*, Vol. 51, No. 21, pp. 2670–2682

Dhanalakshmi Adaikkalam, Karthikeyani Vijayakumari Kandasamy, and Marimuthu Subbaiyan and Surendran Udayar Pillai. 2021 & Karthikeyani Vijayakumari Kandasamy and Surendran Udayar Pillai. 2021 Study on Physico-Chemical Parameters and Structural Characterization of Soils in Pudukkottai District of Tamil Nadu, India. *Sustainability, Agri, Food and Environmental Research*, (ISSN: 0719-3726), Vol.8 (X), pp,1-10, 2020

A Dhanalakshmi, U Surendran, K Karthikeyani Vijayakumari and S Marimuthu. 2019. Green synthesis of silver nanoparticles using *Macrotyloma uniflorum* seed sprout and their Characterization. *Journal of Pharmacognosy and Phytochemistry* 2019; SP2: 648-653

Paper presented in the National and international conference/ seminar

a. National level

- A.Dhanalakshmi *et al.*, 2013 ‘Recent Trends in Crystal Growth and Nano Materials’ (NSCGNM – 2013) at national level seminar held at National College, Trichy from 13.03.2013 to 15.03.2013.
- A.Dhanalakshmi *et al* 2013. ‘Advanced Materials’ UGC Sponsored National Conference (NCAM – 2013) In :Collaboration With Crystal Growth held at St. Mary’s College(A), Thoothukudi on 15.02.2013 and 16.02.2013.
- A.Dhanalakshmi . 2018. ‘Importance of Soil Micronutrients’ paper presented in National conference on ‘New Vistas in Material Science’ held at J.J.College of Arts and Science (Autonomous), Pudukkottai, Tamil Nadu from 8.3.2018 and 9.3.2018.

b. International level

- Attended ‘Advances in Material Science’ (ICAMS-2017) organized by PG & Research Department of Physics, Holy cross College (Autonomous), Tiruchirappalli on 6.1.2017 and 7.1.2017.
- A.Dhanalakshmi, 2018. paper entitled ‘Study of physio-chemical properties of different soils’ in International conference on ‘Mementous role of Nanomaterials in

renewable energy devices' (IC MNRC-2018)' sponsored by UGC –SAP and DST – FIST supported organized at Alagappa University, Karaikudi, from 1.3.2018 and 2.3.2018.

Number of seminar/Conferences/workshop attended

Sl.No.	Particulars	Total numbers
1	Seminar	10
2	Workshop	5
	Total	15

Refresher course attended

- Orientation course on intensive training sponsored by Tamil Nadu State Council for Higher Education and UGC –Academic Staff College, University of Madras held from 13.10.2008 to 08.11.2008.
- Refresher on '*Course current trend in Physics*' sponsored by UGC organized by UGC- Academic Staff College, Madurai Kamaraj University, Madurai. held from 10.11.2010 to 30.11.2010.
- Refresher course in '*Material Science (ID) (Physical, chemical & Applied Sciences)*' sponsored by UGC-HRDC organized by Pondicherry University (A Central University), Puducherry held from 15.9.2015 to 5.10.2015.
- Attended UGC sponsored training on '*Yaga therapy and stress reduction*' organized by Government Arts College for women, Pudukkottai from 18.9.2017 to 22.9.2017.
- Attended Master training programme on '*Soft Skill and Industry Awareness*' organized by Department of Higher Education and TN state council of higher education held at Saranathan College of Engineering, Tiruchirappalli on 30,1,2018 and 31.1.2018.
- Attended training on '*Cashew Apple Utilization*' held ICAR-Krishi Vigyan Kendra, Vamban, Pudukkottai held on 28.3.2018.
- Inter disciplinary refresher course in '*Environmental Science*' sponsored by UGC-HRDC organized by Pondicherry University (A Central University), Pondicherry held from 10.7.2018 to 30.7.2018.
- Refresher on *Physics* sponsored by UGC-HRDC organized by Academic Staff College, Madurai Kamaraj University, Madurai held from 10.11.2021 to 23.11.2021.

Other recognition

- Acted as resource person in the ‘*In-service training programme for Secondary Grade Science Teachers*’ catalyzed and supported by TamilNadu State council for science and Technology, which was organized by Govt. Arts College for Women, Pudukkottai from 28.8.2017 to 1.9.2018.
- Participated in the Impressions 2016-17 special project on ‘*Nammil Oruvar*’ Official Attempt to Guinness world record and Indian Book of records organized by Rotary International District 3000 in Pudukkottai on 23.8.2016 to promote Social recognition for Third Gender.
- Acted as Judge at District level competition on ‘*Veettukkoru Vingani*’ for senior level category organized by Puthiya Thalaimurai at Pudukkottai district held on 31.8.2018.
- Served as President for the Students Co operative stores at Govt. Arts College for Women, Pudukkottai from February’ 2015 to till date.

Place: Pudukkottai

Date : 03.08.2023

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