Faculty Profile

Basic Information:

NAME : **Dr. L. LAKSHMI DEVI**

DESIGNATION : **Assistant Professor**

DEPARTMENT : **Humanities and Sciences**

DATE OF BIRTH : **13-05-1991**

DATE OF JOINING : **11-11-2021**

EMAIL ID : **lakshmidevilingam@gmail.con**

EMPLOYEE ID: : **1591**

Academic Profile:

Qualification	Name of the Board/University	YEAR
Ph.D.	S.V University	2021
M.Sc	S.V University	2014
B.Sc	S.V University	2011
Inter	Board of Intermediate	2008
SSC	Secondary Education Board	2006

Research Details:

1. Areas of Specialization :		Photonics and Material Science
2. No. of Publications :		11
3. Awards Received :		NIL
4. Research Guidance		
	No. of PhD Guided:	NIL
	No. of MTech. Guided:	NIL
	No. of B.Tech. Guided:	NIL
5. Details of Professional Membership:		NIL

6. Subjects Taught	:	Applied Physics and Engineering Physics

Publication Details:

Title	Publisher	Published Year
Synthesis of Dy3+:Ca2SiO4 phosphors from agricultural waste for solid state lighting applications	Ceramics International	2017
Structural and luminescence properties of Sm^{3+}-doped Ca_2SiO_4 phosphors from agricultural waste,	Materials Today: Procedings	2018
Spectroscopic investigations on high efficiency deep red-emitting $Ca_2SiO_4:Eu^{3+}$ phosphors synthesized from agricultural waste	Ceramics International	2018
Luminescence and energy transfer studies of Ce^{3+}/Dy^{3+} doped fluorophosphate glasses	Journal of Luminescence	2019
Novel reddish-orange color emitting $Ca_2SiO_4:Sm^{3+}$ phosphors for white LED applications prepared by using agricultural waste	Journal of Luminescence	2020
, Photoluminescence characteristics of Ln^{3+}-doped phosphors derived from sustainable resources for solid state lightning applications	Optik - International Journal for Light and Electron Optics	2022
Agricultural waste for the development of low cost $Ca_2SiO_4:Pr^{3+}$ phosphors	Journal of Luminescence	2022
Structural, morphological and photoluminescence properties of $Ca_2SiO_4:Er^{3+}$ phosphors synthesized from agro-food waste materials	Ceramics International	2022
Spectroscopic Properties of Dy^{3+}-Doped Phosphors Derived from Agricultural Waste for Solid State Lighting Applications	African Journal of Biomedical Research	2024
Biological Applications of Nano C-BN Synthesised by Using BallMilling Method	African Journal of Biomedical Research	2024
Influence of Film Thickness on Surface Morphology of Nanostructured Azo Thin Films Deposited by Rf Magnetron Sputtering	Power System Technology	2025