

Curriculum Vitae

Dr.S.DEEPALAKSHMI

131a/157, Kondu
Raja Street,
Sakkaraja Kottai
Rajapalayam-626117
[Email: deepvrk@rrc.ac.in](mailto:deepvrk@rrc.ac.in)



Career Objective

My objective is seeking for a challenging position as an Assistant Professor that will enable me to contribute towards the betterment of the educational system.

Educational Qualification

- Ph.D in Physics at Kalasalingam Academy of Research
- B.Lisc in Manonmanium Sundarnar University on 2018 with first class 75% of marks
- M.C.A in Madurai Kamaraj University on 2017 with first class 75% of mark
- P.G.D.C.A. in Madurai Kamaraj University on 2015 with first class 75% of Marks
- M.Sc. Madurai Kamaraj University on 2015 with first class 66.4% of Marks
- B.E. V.P.M.M. Engineering College on 2007 with first class 73% of Marks.
- H.S.C in P.A.C.R. Ammani Ammal's Girls' Higher Secondary School with 76% of marks
- S.S.L.C in P.A.C.R. Ammani Ammal's Girls' Higher Secondary School with 80.6% of marks

Experience:

- Served as the head of the department from 2019 to till now
- 11 years of experience in teaching as well as project guide for both UG and PG final year students in Rajapalayam Rajus' College, Rajapalayam.
- 6 years of experience in Designing websites, Documents maintaining and also making Animation Presentation in Rajapalayam Rajus' College
- Have been acting as a coordinator and member in various internal committees such as IQAC, Website Committee, Discipline committee, Nature Club, NIRF Committee, Library Committee, WDC Core Committee, and Gender Sensitization Cell Database Committee etc. from 2014 to till now in Rajapalayam Rajus' College.
- Have been acting as Coordinator of ICT Academy from 2016 to till now.
- Have acted as a Research Scholar for research project from 2020 onwards.
- Have acted as Principal Investigator for Research Project and also completed one research project for Ecrio RCS Inc. Through JKMP Enterprises Private Limited

Computer Skills:

Operating System : Windows 7, Windows 8,
Windows 10 Package : MS - Office 2007,
Software : Adobe Photoshop, HTML, VB, VB.Net, C, C++, flash,
Node.js, Python, Mongo DB
Cloud : Amazon web services,

Strength:

- Problem solving skills
- Positive thinking
- Hard Worker
- Good Learner
- Easily adopt new environment

Research Project Details

UG Final year Project: Face Recognition using Principle Component Analysis Technique.

Research Funded Project: Interfacing Ecrio RCS software with Contact Center Software for EcrioRCS Inc, USA

Publication Details

- Published one article titled as “Performance of Sunflower Petal shaped CuCo_2S_4 wrapping on GO asymmetric capacitor for Energy storage Applications” in *Diamond & Related materials*, 127(14)2022, Impact Factor:3.315
- Fabrication of hierarchical NiCo_2S_4 @GO nano-sponge electrode: as advanced electrode for supercapacitor applications,34(12)2023, *Journal of Materials Science: Materials in Electronics*,Impact Factor:2.779
- Hierarchical flower shaped nano-flakes shaped ZnCo_2S_4 @GO for the high performance for asymmetric supercapacitor: Enhanced energy storage applications,158(2) 2023, Impact Factor:3.8
- Synthesis of Graphene Oxide Coating on ZnCo_2S_4 using Hydrothermal Method for Energy Storage Devices, 26(4) 2023 Impact Factor: 1.316
- Structural and ionic transport in biopolymer electrolyte-based PVA: NaAlg with NH_4Cl for electrochemical applications,34(11) 2023, *Journal of Materials Science: Materials in Electronics* Impact Factor:2.779
- Solid polymer electrolytes from NaAlg: PVA: effect of ammonium thiocyanate on ionic conductivity, 34(6) 2023, *Journal of Materials Science: Materials in Electronics* Impact Factor:2.779
- Future Generations in Computing Technology, 2019,*SSRN Electronic Journal*
- Pituitary Tumors: Prediction using Deep Learning Algorithms and Drug Delivery Treatment using Nanobots,2019,*SSRN Electronic Journal*
- Zoo-Archaeology Using Deep Learning-Tensorflow in Linux, 2019,*SSRN Electronic Journal*
- Prediction of Energy Consumption in Electricity or Electronic Appliances using Sentimental Analysis and Thermal Chromic Coating for Saving Electricity Energy,2019,*SSRN Electronic Journal*
- Impact of Artificial Intelligence in E-payments,2019,*SSRN Electronic Journal*

Workshops and Seminars:

- Two day workshop about “Android Development” using Eclipse software and also using Codiqa software at Ayya Nadar Janakiyammal College, Sivakasi.
- One day seminar on “Demonetization Vs. E-commerce” at Rajapalayam Rajus’ College.
- One day seminar on “Blue Brain” at Rajapalayam Rajus’ College.
- Five day workshop on” DELL EMC- Data scientists and big data analytics” at Sethu Institute of Technology

- Two day workshop about “Android Development” using Android studio software
- Participated Three day International Conference at VVV college
- So far attended more than 100 international/ National/ state level seminars/ conferences/ workshops/ FDP/ Quiz in various Academic Institutions and organizations
- Completed more than 33 certificate courses in coursera as well as udey
- So far attended 2 Bridge Programme organized by ICT Academy
- Participated in “Gurushethra-An Inter-collegiate sport meet” organized by Rathinam college of Engineering and won prizes in Throwball & Table tennis doubles
- Presented a paper in International conference organized by Mother Teresa University
- Presented a paper titled as “Crystalism – Crystallography indices for pXRD diffraction data simulation for analyzing thin film using crystalline materials such as Zinc Oxide, Ferrous Oxide and Graphene Oxide” in International Conference organized by Siva Subramania Nadar Engineering College
- Presented a paper titled as “A Study of Heat Transfer, Electric Current and Solid Mechanics characteristics of ZnO, Fe₂O₃ and Graphene Oxide using COMSOL Multiphysics” in International conference organized by Kalasalingam Academy of Research and Education
- Completed 5 day AWS training programme for Architecting Cloud Environment at Kalasalingam Academy of Research and Education
- Six days International Faculty Development Programme (online) on “Nano Innovations: Shaping the World of Tomorrow” organized by the department of humanities and basic sciences, Sri Indu College of Engineering and technology, Hyderabad from 09/09/2024 to 14/09/2024.
- A One week online International Faculty Development Programme on Advanced materials for energy, environmental and biological applications organized by Division of chemistry, school of science, SRM Institute of Science and Technology, Trichy from 04/11/2024 to 09/11/2024.
- Participated in the 15 days Season Watch August Tree Festival conducted by Nature Conservation Foundation and Wipro from 02/08/2024 to 18/08/2024
- Participated in 5 days FDP programme on Adaptive to AI Driven Industry organized by the Department of computer science from 09/09/2024 to 13/09/2024
- Participated in Big Butterfly Month organized by the Nature Club from 01.09.2024 to 30.09.2024
- Participated in professional development programme on “Book Publication and Ethics” organized by Research Cell , Rajapalayam Rajus’ College on 02/09/2024
- Conducted Youth Affairs and Sports and Rajapalayam Rajus’ College, Rajapalayam on 27.06.2025
- Participated in **FDP** (NaanMudhalvan), MKU, Madurai from 16.06.2025 to 21.06.2025
- Participated in Virtual **FDP**, Department of Science and Humanities, Dhaanish Ahmed Institute of Technology, Coimbatore from 18.07.2025 to 22.07.2025
- Participated in virtual **FDP**, Department of Computer Application, Saiva Bhanu Kshatriya College, Aruppukottai on 15.09.2025
- Participated in virtual **FDP**, Department of Mechanical Engineering, Krishnasamy College of Engineering and Technology, Cuddalore on 09.09.2025
- Participated in **FDP**, Department of Computer Science, Rajapalayam Rajus’ College, Rajapalayam from 15.09.2025 to 19.09.2025

Industrial Visit:

- Kalpakkam Nuclear Power Station.
- Thoothukudi Thermal Power Station.

Personal Profile:

Name	:	S. Deepalakshmi
Father's Name	:	B. Sakthivel
Mother's name	:	S. Vijayalakshmi
Date of Birth	:	15-06-1986
Gender	:	Female
Age	:	37
Marital Status	:	Widow
Mother Tongue	:	Telugu
Languages Known	:	Telugu, Tamil, English, Malayalam (Understand),Hindi (Write).

Declaration:

I have declared that above mentioned details about me are true to the best of my knowledge

Date:

SIGNATURE

Place: RAJAPALAYAM

(S.DEEPALAKSHMI)