FACULTY PROFILE TEMPLATE FOR WEBSITE

Basic Details:

- **Name:** N. Raghapriya

- **Designation**: Assistant Professor

- **Phone Number:**- +91 7904266887

- **Email Id:** raghaprn@srmist.edu.in

- **Area of Specialization: Machine learning,Digital Image Processing, Deep Learning, Data Mining**

- **Affiliation:**. SRM Institute of Science and Technology, College of Science and Humanities, Ramapuram

Educational Details:

- **Degree** – MCA

- **Area or Subject** – Computer Science and Applications

- **University** – University of Madras

- **Awarded Year** – 2012

- **Degree** – M. Phil

- **Area or Subject** – Computer Science

- **University** – Mother Teresa Women's University

- **Awarded Year** – 2017

- **Degree** – Ph.D

- **Area or Subject** – Computer Science

- **University** – VISTAS

- **Awarded Year** – Awaiting for Viva-Voce

Other Details:

Research Interests: Machine learning,Digital Image Processing, Deep Learning, Data Mining

Selected Publications:

OCT 2016- A STUDY ON NETWORK INTRUSION DETECTION-COUNTER MEASURE USING VM PROFILING.

Mar 2020- An OutLine Of Block Chain Application in Health Care Management.(UGC CARE Listed Journal).

DEC 2021- Image Augmentation in Lung Cancer Images for Classification in Convolutional Neural Networks(UGC CARE Listed Journal).

JUNE 2024 - N. Raghapriya, Y. Kalpana, Lung Cancer Detection using integration of hybrid segmentation approach and DL techniques SSRG International Journal of Electronics and Communication Engineering Volume X Issue X, 1-4, Month 2023ISSN: 2348-8549/ https://doi.org/10.14445/23488549/IJECE-VXXXX © 2023 Seventh Sense Research Group ®.

AUGUST 2024- Role of AI in Predicition of Customer Repurchasing in Online Shopping.(UGC CARE LISTED JOURNAL).

OCT- 2024 - N. Raghapriya, Y. Kalpana, "Hybdeefu-Feaseg: A Comprehensive Framework For Lung Cancer Detection Combining Deep Learning, Fuzzy Logic, And Optimized Feature Selection," *International Journal of Engineering Trends and Technology,* vol. 72, no. 11, pp. 307-321, 2024. Crossref, https://doi.org/10.14445/22315381/IJETT-V72I11P130.

DEC 2024- N. Raghapriya, N. Aswini, G. Savitha, "An Effective Segmentation of MRI Images Combining Threshold and Hybrid Particle Swarm Optimization (HPSO-T) for Lung, Bone and Brain (LBB)," *SSRG International Journal of Electronics and Communication Engineering*, vol. 11, no. 12, pp. 92-99, 2024. *Crossref,* https://doi.org/10.14445/23488549/IJECE-V11I12P109.

Papers Presented:

Presented a Paper in "A study of Lung Cancer Detection using Deep Learning Neural Networks " at Vels University Feb 2022.

Presented a Paper in "Image Augmentation in Lung Cancer images for Classification in Convolutional Neural networks" at ST John's College OCT 2022.

Presented a Paper in "Image Classification in Lung CT images for Classification in Convolutional Neural networks" at RB Gothi Jain College For Women at Dec 2022.And was awarded best paper in the Conference.

Presented a Paper in "Artificial Intelligence Tools Influencing Consumer's Intrinsic Desires Towards Purchase Decisions" at SRMIST, Ramapuram.March 2024.

Presented a Paper in "The Advancement and Study of Digital Marketing in Today's World" at Bharath Institute of Science & Technology. March 2024

Presented a Paper in "Classification of Lung Cancer Using Hybrid Deep Learning Model.SRMIST S&H OCT 2024.

Presented a Paper in "Customer Behaviour Analysis in Online Shopping Using Prediction Methods" at Peri College Of Arts & Science". March 2024

Working Papers: Classification of Lung Cancer by Deep Learning Model.

Books Published:
Published a book in Open Source Technologies ISBN NO: 978-93-5577-401-9 at Jan 2023.

 Research Experience: Ph.D. (Part Time Research scholar - 3.5 years)

Academic Experience: 10.5

NPTEL/ MOOC Coursed Completed
1. Introduction to Operating System - Jul-Sep 2023(8 week course)
2. Software Engineering -Jul-Oct 2023(12 week course)
3. DataBase Management System Jan – Mar 2024 (8 week course)
4. "Introduction to Artificial Intelligence- SIMPLI LEARN.
5. Innovating with Google Cloud AI- SIMPLI LEARN.

 Workshops /Seminars/Conferences:
Attended National Level workshop "PYTHON FOR DATA SCIENCE" on 14.03.2018.

Attended National level two day workshop "AWESOME COMPUTING" on 26 .09.2019 and 27.09.2019.

Attended National Level workshop on "APP DEVELOPMENT USING JAVA ENTERPRISE" on 27.02.2019.

Attended Faculty development program on "Problem Solving Using Python" on 13.04.2020.

Attended webinar on "Dynamics of Employment in Future." on 11.07.2020.

Has Participated on Faculty development program "Microsoft Azure Fundamentals" organized by ICT Academy during 16 FEB 2022 to 18 FEB 2022.

Has participated in the UGC Sponsored "National Webinar on Machine Learning" organized by the Department of Computer Science University of Madras during 19 March 2022.

 Has participated in the UGC Sponsored "National Webinar 'Data Analytics", held on 23rd March 2022" University of Madras during 19 March 2022.

 Attended Faculty development program on " Creative Thinking" from 3.11.2022 to 5.11.2022.

 Presented a Paper in "A study of Lung Cancer Detection using Deep Learning Neural Networks " at Vels University Feb 2022.

 Presented a Paper in "Image Augmentation in Lung Cancer images for Classification in Convolutional Neural networks" at ST John's College OCT 2022.

 Presented a Paper in "Image Classification in Lung CT images for Classification in Convolutional Neural networks" at RB Gothi Jain College For Women at Dec 2022.And was awarded best paper in the Conference.

 Attended a workshop on "Applications Of Image Processing in MATLAB" from 12 Dec 2022 to 16 DEC 2022

 Attended a AICTE-INSPIRE internship on "Machine Learning using Python" organized by Inspire Softech Solutions in the month of Feb 2023- March 2023.

Attended a FDP on "OPEN AI TOOLS FOR ACADEMICIANS" from 16th August 2023 to 22nd August 2023.

Attended a webinar Google Certified Educator by UP Educators on 01-Feb-2024.

Attended International webinar in "International literacy and academic excellence" organized by Central Library & Information Center on 08-04-2024.

Attended a webinar on "From Hypothesis to publication: Navigating the research Journey" dated 3.12.2024.

Attended a Five day FDP in "Data Driven Decision making: Applied Linear Algebra, Integrating Statistical Methods and Data Science in Research" from 23.09.2024 to 27.09.2024.

Attended a Five day FDP in "Research Methodology- Writing Content of Thesis" from 19.08.2024 to 23.08.2024.

Attended a Two Weeks International Virtual Professional Development Programme on "Demystifying Generative Artificial Intelligence" from 08/08/2024 to 22/08/2024.

Attended a "7 Days National Level FDP on Python" from 19.03.2024 to 25.03.2024.

Attended 7 days International Faculty Development Programme on "Implications of Emerging Computing Technologies" from 29/07/2024 to 04/08/2024.

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