CURRICULUM VITAE

1	Name	: RENGANAYAKI .S
2	Address for Communication	: 3/143-2, Rajnivas, M.R.Pudur, M.Reddiapatti, Virudhunagar-626118.
3	Contact Number	: 8940305492
4	Email ID	: renganayaki.it@gmail.com ranguragavan@gmail.com
5	Date of Birth and Age	: 31/03/1992 and 32 Years
6	Marital Status	: Married
7	Nationality	: Indian
8	Religion	: Hindu
9	Community/Caste	: MBC/ Sathatha Sri Vaishnava

1. **Academic Qualifications:**

S.No.	Class/ Course	Specialization	Year of Passing	Class / Position	Agg. % / CGPA	Institution / Place	University / Board
1.	M.TECH	Information Technology	2015	I Class	7.36	Mepco Schlenk Engineering College	Anna University
3.	B.TECH	Information Technology	2013	I Class	7.49	Kamaraj College of Engineering & Technology	Anna University
4.	XII	Bio–Maths (Group I)	2009	-	81	S.B.K Girls Hr Sec. School	State Board
5.	X	-	2007	-	86.4	Govt High School M.Reddiapatti	State Board

2. Software Proficiency:

Programming Languages	: C Programming, Java, Python using (Colab, Jupyter for image processing)
Simulation software	: MATLAB 2022, Sci Lab.
Web Technologies:	: HTML, CSS, JavaScript, NetBeans, Eclipse
Packages	: MS – Office, LaTeX.
Operating systems	: Windows 7/8/10. Linux
Web Development Courses	: Full Stack Development, UI/UX Design

3. Experience Details:

Category	Period		No. of Years	Designation	Other Roles and Responsibilities	Institute / Organization
	From	To				
Website designer	01.06.2021	20.06.2025	4 Years	Freelancer	Facebook Ads Coach/ Trainer, Social Media Manager	IDIGITALPRENEUR The Digital University
Academic Institution	23.06.2025	Till Date	5 Months	Assistant Professor	Placement Trainer, NBA Criteria 5	Velammal College of Engineering and Technology

4. Projects

- Automatic Natural Image Segmentation Through Depth- Aware Contrast Manipulation.

- Automated Melanoma Detection Using Texture Distinctiveness

- Multicast Key Distribution Using MD5 Algorithm

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5. **Patent Published**

Title: AI powered telemedicine platform with low bandwidth video compression for rural areas
Application No.202541093082 A

6. **Papers Published in International Conferences**

- Renganayaki.S, Haseena. S, Automatic Malanoma Detection using Depth Aware Contrast Manipulation and Dynamic Region Merging, Proceedings of International Conference on Advances in Applied Engineering and Technology, May 14-16, 2015.

- Renganayaki.S, Haseena.S, Automatic Kaposi's sarcoma detection using texture distinctiveness. ICCPT 2015. IEEE Explore.

- Priya.K Mohamed Mansoor Roomi.S, Madhu Sudhanan.S, Vaishali.V, Renganayaki.S, "Eye Gaze Classification Based on Transfer Learning Approach" ,SCOPE 2025, TCE Madurai (Dec 18–20, 2025), with submission planned for IEEE Xplore Digital Library.

- Renganayaki.S, Shriram.R, Sudhir Krishna.S "MockMate: An AI-Driven Real-Time Interview Assessment System Using Emotion and Sentiment Analysis", ICCCA 2025, Galgotias University, Uttar Pradesh, on 28 November 2025 (Presented, waiting for publication) IEEE Xplore Digital Library.

7. **Project Guided:**

Guided third and final year students in project imolementation and the preparation of IEEE research papers.

- Project Tiltle: Real-Time Hand Gesture Recognition For Enhanced Human-Computer Interaction

  Students Name: Mr.S.Abdul Wahab, Mr.A.Ammar Ali.

- Project Title: TNOpportune: A Personalized Eligibility-Based Job and TN.Govt Scheme Finder.

  Students Name: Jeevasri P R, Syrin Sulthana Z

- Project Title: Smart farming chatbot for farmers

Students Name: Jersho.A, Diwakar.S, Suthesh.K, Pandiyaraj.G

8. **MSME Certified Courses from Digitalpreneur**

- Basic to advance SEO (Website Development)

- Web Development Advanced

- Facebook Ads Mastery guide

- Meta Ads That Sell

- The Complete Digital Marketing

- Master Professional E-Mail Writing

- Basic Autoamtion Mastery Instagram and Whatsapp

- Expert Guide to resume writting

- Instagram Marketting Automation

- Short Videopreneur

- Photoshop Easy

9. **Achievements:**

- Honored with the "Yuva Kala Bharathi" award by Bharathi Yuva Kendra, Madurai, in recognition of consistently securing first place in Tamil speech competitions.

- Secured District 2nd Place in "Tamil Oration Competition" at Government Higher Secondary School in 2005.

- Secured District 1st Place in "Tamil Elocution Competition" at Government Higher Secondary School in 2005.

10. **Extra Curricular Activities:**

- Member in Quality Circle during the year (2010-2011) at at Kamaraj College of Engineering and Technology, Virudhunagar.

11. Workshops/FDP/Conference/Attended:

- Two-Days Seminar on "Recent Trends in Pattern Recognition and Machine Learning Technique" at Mepco Schlenk Engineering College, 2014.

- Two-Days Seminar on "Internet of Things" at Mepco Schlenk Engineering College, 2014.

- Infosys Campus Connect Foundation Program- successfully completed under the Infosys Campus Connect initiative at Kamaraj College of Engineering & Technology, Virudhunagar.

- Webinar on "Software Testing" at Infosys Campus Connect, at Kamaraj College of Engineering and Technology, Virudhunagar, 2012.

- Microsoft DreamSpark Yatra 2012 – Attended a technical workshop organized by Microsoft Student Partners, held at Kamaraj college of engineering and Technology, Virudhunagar, 07-03-2012.

- One day National Conference on "Recent Trends in Information Technology" at Kamaraj College of Engineering and Technology, Virudhunagar, 23-02-2012.

- Two-Days Seminar on "Digital Image Processing" at Kamaraj College of Engineering and Technology, Virudhunagar, 2011.

- One day National seminar on "Image Processing and Its Applications'10" at Kamaraj College of Engineering and Technology, Virudhunagar, 08-10-2010.

- Webinar on "10 Ways to earn One Lakh Online" Digitalpreneur, oct 2024.

12. Roles and Responsiblities:

- Mentor for III IT B Section

- Placement Trainer for III IT A & B Sections, handling weekly placement classes in C and Java and conducting regular assessments.

13. Subjects Handled:

Theory	Laboratory
• Full Stack Development • Internet and Web Technologies	• Full Stack Development Laboratory • Programming in C Laboratory

14. Reference:

1. Dr. K. Priya,

   Assistant Professor,

   Department of Electronics and Communication Engineering,

   Thiagarajar College of Engineering,

   Madurai.

   Mobile: 8124435213

2. Mr.S.R.Mathu Sudhanan

   Assistant Professor,

   Department of Computer Applications,

   Thiagarajar College of Engineering,

   Madurai.

   Mobile: 8608708003

<u>DECLARATION</u>

I (Renganayaki S) that the information provided in this form is true to the best of my knowledge and belief.

Station : Madurai

Date   : 08.12.2025

S. Renganayaki

Signature of the candidate