



K. GAYATHRI



jerrygayu@gmail.com



9342263496



Madurai

ABOUT ME

Basically based on Computer Science and Technology worked as Assistant professor in well prestigious colleges and got experienced in 4 years developed to solving challenges over Scientific Knowledge, having wider innovative thinking capability in research area ,being hard worker towards the organization and grow myself along with the organization achievements.

EDUCATIONAL QULATIFICATION

SI.NO	Degree	Branch	Institution/University	Year	Percentage CGPA	Class
1.	Ph.D.	Information and Communication Engineering	Anna University	From 2021 to till now	pursuing	Doing
2.	PG	CSE	Sethu Institute of Technology /Anna University	From 2017 to 2019	9.2%	First Class with Distinction
3.	UG	CSE	Ultra College of Engineering for women's/Anna University	From 2013 to 2017	6.7%	First Class
4.	HSLC	Bio-Maths	Mahatma MHSS	2013	59%	First Class
5.	SSLC	English Medium	Mahatma MHSS	2011	61%	First Class

WORK EXPERIENCE

- Experience in Industry .worked as (User Interface Designer) in NIC Chennai
- Experience in college Sethu Institute of Technology Kariapatti as the role of Assistant Professor for First year students prepared own study material, finished course work attainment for 1st year and NAAC file works(ISO file ,CO file) and have been proctor for 2nd year student checking proctor dairy ,final year project guide
- Worked at KLN college of engineering for 2nd year students as Associate professor and taken class as java notes , lab incharges monitoring students coding and debugging ,question bank and as file works (syllabus, Timetable, mentor)
- Worked at Kamaraj college of engineering for 3rd year students as Assistant professor and

taken class , as highly trained for project works and ideas creating for students , Agile methodology notes,PPT,question bank, MCQ making question and developing ,placement question training and as all subject lab monitoring students coding and debug checking ,NACC work checking and file works done CO-PO mapping, course plan and done video presentation of class theory

SKILLS

- MATLAB
- PYTHON
- UI design
- Android application
- Cloud AI

Ph.D. THESIS TITLE, GUIDE NAME, INSTITUTE/ORGANIZATION/UNIVERSITY

Title of the Ph.D. Thesis: Multistage Model for Robust Face Alignment

Specialized area: Artificial Intelligent

Name of Supervisor: Dr.S.Baghya Shree

Institute/Organization/University: University College of Engineering Madurai.

SELF - TRAINED PROJECTS

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Project1:

Topic: Modeling a 468 Face Landmark Detection

Description: Detecting a real –time AI video capture thus it find accurate video in using model provided by Google and runs real- time finding the 468 points in face this project is trained and implemented

✓

Project2:

Topic: Real –Time Human Face Mesh landmark Detection

Description: Finding real face using face mesh landmark detection

✓

Project 3:

Topic: Real –Time Human Face Mesh landmark Detection

Description: Finding real face using face mesh landmark detection

Publication

✓

Project1:

Topic: Implementation of Environment Parameter Monitoring in a Manufacturing Industry using IOT.

Description: Implemented various sensor parameters used PIC controller inside the industry to control the pollution and further this processed data is used as **Ubidots**

Cloud platform for real time environment.

Publication: International conference on advanced computing and communication system – ICACCS 2019 at Sri ESHWAR College of engineering, Coimbatore.

✓ **Project2:**

Topic: A Novel Crack Detection Method for Solar PV Modular

Description: By examining solar panel to identify the micro crack in size image data are collected using camera identification , location, and its orientation were found by PV modular and further collected crack images were visibly detected using **MATLAB Tool**.

Publication: National Conference on Recent Trends in Networking, Computing and Communication (RTNC17) held at PSNA College of Engineering and Technology, Dindigul.

✓ **Project3:**

Topic: Human Face Alignment Prediction with Complex Deep Network Model.

Description: Human Face Alignment used in dependable execution thus it finds the prediction using deep learning and finds precision and accuracy using **MATLAB Tool**.

Publication: Waiting for journal publication

✓ **Project4:**

Topic: AI Human Landmark Detection using advance technology

Description: Finding the human face mesh, pose and landmark detection

Publication: Waiting for journal publication

✓ **Project5:**

Topic: IRIS Segmentation using AI Technology

Description: Finding eye iris in real time opencv using Google medical data thus it can be further implemented by HTML, CSS as backend medical report page

Publication: Waiting for journal publication

✓ **Project6:**

Topic: Vehicle Detection using Real-Time Environment in PC

Description: Here the running vehicle is detected and counted clearly using **PYTHON** opencv and finding of vehicle using line drawn across a road.

Publication: Waiting for journal publication

PAPER PRESENTED IN INTERNATIONAL CONFERENCE & NATIONAL CONFERENCE

- International conference on emerging trends in science ,technology, engineering &management '23" 2023 at Bharath Niketan engineering college.(paper title : Modeling

an dense network model for moderate facial alignment prediction by feature representation)

- International conference on advanced computing and communication system –ICACCS 2019 at Sri Eshwar College of engineering, Coimbatore. (Paper title: implementation of environment parameters monitoring in a manufacturing industry using IOT).
- National conference on hi-tech trends in engineering computational technology-sitcon 2019 at Sethu institute of technology, kariapatti. (Paper title: raspberry pi3 respiratory analyzer in rural area monitoring using IOT).
- National conference on recent trends in networking, computing and communication (RTNC17) held at PSNA college of engineering and technology, dindigul (paper title: A Navel Crack Detection Method for Solar PV Modules).
- National level seminar on image processing at Mapco schlenk engineering college, sivakasi (paper title: Research issues in digital image processing).
- National level technical symposium at Mohamed sathak engineering college, kilakari (title: Cloud computing at secure searchable encryption framework for privacy storage).

CERTIFICATES AND AWARDS

- Certificate for Completion in Boot Camp on Deep Learning using MATLAB
Award of Achievement-NIIT for programming in java.
- Award of Achievement-Greens Technology in advanced Java and JavaScript for web development.
- Certificate of completion of innovating with Google Cloud AI
- AICET sponsored FDP on cyber forensics and information security
- Certificate for FDP training on Kamaraj College of technology C programming organized by school of computing

TRAINING PROGRAMS

- Internal Quality Assurance Cell (IQAC) organized faculty induction program and issued certificate on March 3rd and 4th at 2022.
- National level workshop at KLN college of Information Technology, pottapalayam, and sivagangi (title: mobile application & development).
- Workshop at KLN college of Information Technology pottapalayam, sivagangai (title: in GRID and Cloud Computing)

I am here by declaring that all the details furnished above are true to the best of my known.

Place: Madurai

Yours Sincerely
(K.Gayathri)

