

RESUME

K.Vijaya lakshmi,
D/O: K.Chenna Reddy,
Kongalaveedu village,
Badvel Mandal,
Kadapa dist.

E-mail id: vijayalakshmi.kakarla49@gmail.com
Phone No.: 8106471519.

Career objectives:

To make use of my knowledge and skills and synergize with the institution to focus on, and achieve the goals that have been put into place.

Educational Qualifications:

Standard/Degree	Educational Institution	% Marks	Year of Passing
M.Tech (Control Systems)	JNTUCE(A), Ananthapur	81	2016
B.Tech. E.C.E	Narayana Engineering College, Nellore	76	2014
Higher Secondary Education	Narayana Junior College, Kadapa	93	2010
S.S.C	MMR High School, Badvel	85	2008

SIGNIFICANT REMARKS

- GATE Rank: 14,000 in 2014
- Ratified as Assistant Professor of ECE by JNTUA, Anantapuramu in 2019.

PROFESSIONAL EXPERIENCE:

Teaching (6 Years):

- Assistant Professor of ECE in Annamacharya Institute of Technology & Sciences (AUTONOMOUS), Tirupathi (25.06.2018 to 19.06.2024).

ADDITIONAL ACADEMIC and ADMINISTARTIVE RESPONSIBILITIES

Held Responsible Positions and delivered duties with all diligence in the previous institution.

- Framed Autonomous Syllabus for some subjects for ECE branch.
- Worked as a UBA coordinator.
- Worked as a Department Library In-charge.
- Worked for NBA, NAAC files.
- Acting as a Project Guide for the Final year students & helped them to complete project successfully.

- Worked as a Sports coordinator.
- Worked as a Department Basic Simulation Lab In-charge.
- Worked as a Department faculty publication and participation file.
- Worked as a class teacher and class counsellor

PAPER PUBLICATIONS:

JOURNALS

1. **K. Vijayalakshmi, “IoT using Smart Energy Meter for Home”**, Journal of Emerging Technologies and Innovative Research (JETIR), February, 2019.
2. **K. Vijaya Lakshmi, “An Advanced Embedded System for Women Safety using Arduino IDE”**, Wutan Huatan Jisuan Jishu Journal, May, 2020.
3. **K. Vijayalakshmi, "Comparative Study of Test Pattern Generation Systems to Reduce Test Application Time"**, The International Journal of Analytical and experimental modal analysis, June, 2020
4. **K.Vijayalakshmi "Embedded IOT Car Parking and Billing System"**, Journal of Interdisciplinary Cycle Research, June 2022.
5. **K. Vijayalakshmi , "Gas Leakage With Auto Ventilation and Smart Management System Using IOT"**, Parishodh Journal, June 2022.
6. **Vijayalakshmi , "Arduino-Based Electricity Grid Monitoring and Load Control System"** IJSRST ,March-April-2024,

CONFERENCES

- 1) **K. Vijayalakshmi,, “IoT using Smart Energy Meter for Home ”**, “4th International Conference on Recent challenges in Engineering Technology, Organized by Annamacharya Institute of Technology and Science, Tirupathi, Andhra Pradesh, 31 January 2019.
- 2) **K.Vijaya Lakshmi, “Efficient of Power delay in Self –Healing Architecture using Fault Tolerant Technique”**, National Conference on Recent Trends in Science Engineering and Technology , Organized by department of Humanities and Basic Sciences, AITS, Tirupati, 30th -31st October, 2019.
- 3) **K.Vijayalakshmi, "Embedded IOT Car Parking and Billing System"**, Organized by Sri Venkateswara College of Engineering and Technology, Srikakulam,AP on 8th may 2022

- 4) **K. Vijayalakshmi** , "**Gas Leakage With Auto Ventilation and Smart Management System Using IOT**", International Conference on Recent Challenges in Engineering Science and Management Organized by NRI Institute of Technology, Guntur held on 4th June 2022.
- 5) **Vijayalakshmi** , "**Arduino-Based Electricity Grid Monitoring and Load Control System**", National Conference on Engineering Innovations And Emerging Technology, , Organized by Annamacharya Institute of Technology and Science, Tirupathi, Andhra Pradesh, 16 March 2024.

ADDITIONAL PROFESSIONAL ACTIVITIES

- 1) Participated in Awareness Training Programme on “**National Intellectual Property Awareness Mission**” Organized by Intellectual Property Office, India on June 28, 2022.
- 2) Participated in one week Faculty Development Programme on “**Drone Technology**” Organized by Department of Electronics and Communication Engineering from 01st-06th November 2021.
- 3) Participated in NPTEL E-Awareness workshop on 29th June 2022.
- 4) Successfully Completed Three Microsoft Courses.
- 5) Completed Short Term Training Programme through ICT Mode on “outcome based education and accreditation” Organized by AITS, Tirupati from 24-9-2018 to 28-9-2018.
- 6) Completed Short Term Training Programme through ICT Mode on “Advanced Process Control and Instrumentation System” Organized by AITS, Tirupati from 24-9-7-01-2019 to 11-01-2019.
- 7) Participated in Faculty Development Programme on "online capacity building programme on IOT" from 21st-25th may 2020.
- 8) Participated in Faculty Development Programme on Curriculum Development for "Implementation of Outcome based Teaching Learning" from 25-11-2019 to 7-12-2019
- 9) Attended WEBINAR on Science and Technology Education for the New Prosperous, Happy and Healthy India on 28.05.2020
- 10) Participated in Short Term Training Programme Awareness Program on "Outcome based Education" on 21.05.2020
- 11) Participated in 5 days faculty development programme on "Applied Machine Learning Algorithms And Applications” from 14.12.2020 to 19.12.2020
- 12) Successfully Completed Two NPTEL 6 Months Courses With Elite Certificate

SUBJECTS TAUGHT:

- 1) Signals And Systems
- 2) Digital Signal Processing
- 3) Analog Communication Systems
- 4) Digital Electronics Circuits
- 5) Digital Electronics and Logic Design
- 6) Radar Systems
- 7) Radio Frequency Integrated Circuits

TECHNICAL SKILLS:

- Programming languages: C, MATLAB.
- Packages: MS Office.
- Operating System: Windows.

STRENGTHS:

- Good communication skills, Interpersonal skills and analytical ability.
- Zeal to learn new technologies.
- Take the work as challenge to complete the target.

SOFT SKILLS:

- Strong work ethics.
- Planning and organizing with co-ordination of team.
- Honesty and Integrity.
- Time management.

PERSONAL DETAILS:

Father's name : K. Chenna Reddy.

Date of birth : 03-05-1993.

Languages known: Telugu, English, Kannada

Hobbies : Listening to Music, Reading Books

DECLARATION:

I, K.Vijaya Lakshmi do hereby confirm that the information given above is true to the best of my knowledge.

SIGNATURE

DATE: 17/05/2024.

PLACE: Tirupathi.