C.P.PENELA

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Email:penelacp19@gmail.com

PROFESSIONAL SUMMARY:

Dedicated and experienced academic professional with over 10 years of teaching experience in Engineering and Polytechnic institutions. Specialized in Electrical and Electronics Engineering, Embedded Systems, Linux System Administration, and STEM education. Strong background in student mentoring, project guidance, curriculum support, technical training, and academic administration. Passionate about delivering quality education, guiding student research projects, and contributing to institutional development.

CAREER OBJECTIVE:

To obtain a position as an Assistant Professor where I can utilize my teaching experience, technical knowledge, and mentoring skills to contribute to academic excellence, student development, and research activities.

PROFESSIONAL EXPERIENCE:

Government Polytechnic College:

Consolidated Lecturer | June 2012 – September 2022

- Worked as a Lecturer for more than 10 years in the Department of Electrical and Electronics Engineering.
- Handled theory and practical classes for diploma students.
- Served as Class Tutor for more than 60 students every academic year.
- Guided multiple student mini-projects and final-year projects.
- Conducted Add-On Course on “Electrical Assembly Operator – Control Panel” (Central Government Course).
- Worked as Internal Examiner, External Examiner, and Paper Evaluator for academic examinations.
- Maintained student academic records and supported departmental activities.

American India Foundation:

STEM Trainer | January 2023 – December 2023

- Trained school students in STEM-based projects and technical activities.
- Coordinated project reporting activities with the Head Office.
- Conducted hands-on learning sessions and technical workshops.

NUX Software Solution:

Linux & AWS Training | February 2024 – July 2024

- Completed practical training in Linux System Administration.
- Completed AWS Cloud training.
- Earned AWS Certified Solutions Architect Associate certification.

Pavithram Power Care:

System Administrator | February 2025 – September 2025

- Managed system administration and technical support activities.
- Supported IT infrastructure maintenance and troubleshooting.

JAD Cloud Technology:

- Technical Programming Manager | October 2025 – February 2026
- Provided product onboarding and technical training.
- Worked on testing and project execution for Multi-access and Infodot Z360 projects.
- Coordinated technical operations across multiple projects.

EDUCATIONAL QUALIFICATIONS & CERTIFICATIONS:

- M.E(EMBEDDEDSYSTEM),KarpagamUniversity-Coimbatore,April2015-91%
- B.E(EEE), Park College of Engineering and technology-Coimbatore, April 2011-86%
- B.sc (PHYSICS), Shri Nehru Maha Vidyalaya college of arts and science-Coimbatore,April2008-80%

PAPER PRESENTATION:

- Direct power control of doubly fed induction generators based with turbines under unbalanced voltage–National Level Conference.
- Optimal battery charging in a solar powered rover-National Conference.

PAPER PUBLICATION IN JOURNAL:

- Optimal battery charging in a solar powered rover-Nehru International journal of Engineering and Technology (Volume2Issue 1).

APPRECIATION CERTIFICATE:

- Organizing Two Day National Level Technical Symposium in Park College of Engineering and Technology

WORK SHOP:

- PLCs in industrial automation.
- Latest trends on VLSI design technology.

INDUSTRIAL VISIT:

- METTUR THERMAL POWER STATION-METTURDAM.
- AQUA PUMP INDUSTRIES-COIMBATORE.
- SUGUNA INDUSTRIES UNITIII-COIMBATORE