



**GAYATRI VIDYA PARISHAD**  
**COLLEGE OF ENGINEERING FOR WOMEN (AUTONOMOUS)**

Madhurawada :: Visakhapatnam – 530 048

(Approved by AICTE, New Delhi and Affiliated to Andhra University)

Accredited by NAAC with “A” grade from 2022 to 2027

CSE, ECE and IT Courses Accredited by NBA (2019-2022) and Re-accredited by NBA (2022-2025)

EEE Course Accredited by NBA (2023-2026)

**Criterion VII – Institutional Values and Best Practices**

Metric No.	Key Indicator - 7.2 Best Practices
7.2.1  QIM	<p>Provide the weblink on the Institutional website regarding the Best practices as per the prescribed format of NAAC:</p> <p>Provide web link to:</p> <ul style="list-style-type: none"><li>• Best practices in the Institutional website</li><li>• Any other relevant information</li></ul>



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### **Best Practice 1:**

**1. Title: Integrated Skill Development Ecosystem in Emerging Technologies (like VLSI, AI, Quantum Computing & Advanced Computing)**

**2. Objectives:** To develop student competencies in emerging technologies through practical training, industry collaboration, guided projects, and structured learning pathways enhancing employability and research capability.

**3. The Context:** The growing demand for VLSI, AI, and Quantum Computing skills requires students to gain practical exposure, industry interaction, and project experience beyond academics to become industry-ready engineering graduates.

**4. The Practice:** GVPCEW (A) delivers training modules in VLSI, AI, Quantum Computing, and CSC supported by MoUs with Candela and BSNL. Students undertake mini and term projects with industry guidance. Clubs, hackathons, workshops, and faculty up skilling sustain continuous learning. The integrated model strengthens hands-on competencies and fosters innovation across departments.

**5. Problems Encountered and Resources Required:** Tool licensing costs, uneven student preparedness, limited mentor availability, and continuous faculty training needs posed challenges. Solutions included cloud credits, shared resources, bridge courses, FDPs, and flexible collaboration with industry experts.

**6. Additional Notes:** This practice ensures strong industry linkage, improved student portfolios, enhanced placements, and measurable outcomes. It is scalable, sustainable, and significantly enriches NAAC documentation through certifications, projects, internships, and collaborative activities.



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### **Best Practice 2:**

#### **1. Title: Holistic Development Through Value-Based Learning, Wellness, and Creative Student Engagement**

**2. Objectives:** To nurture students’ emotional, ethical, physical, and intellectual growth through value-based discourses, yoga sessions, and creative platforms like hackathons and ideathons.

**3. The Context:** Holistic education requires nurturing students beyond academics by integrating wellness practices, cultural insights, ethical understanding, and creative exposure. Structured value-based discourses, yoga sessions, and innovation events enrich students’ personal growth and overall development.

**4. The Practice:** Weekly Sunday yoga sessions enhance concentration, physical wellness, and emotional balance. Profound discourses by Brahmasri Chaganti Koteswara Rao garu inspire students through stories and ethical insights. Sushila ji’s sessions nurture cultural values, Vedanta Institute programs reinforce ethics, and hackathons and ideathons promote creativity, teamwork, and innovation among students and peers.

**5. Problems Encountered and Resources:** Scheduling coordination, participation consistency, and expert availability required careful planning. Fixed academic calendars, volunteer support, and collaborative arrangements ensured smooth execution and effective student engagement in all holistic and innovation-focused activities.

**6. Additional Notes:** The practice of GVPCEW (A) cultivates balanced development, cultural awareness, wellness, and innovative thinking. It strengthens students’ character, confidence, creativity, and leadership, contributing significantly to positive institutional culture and student empowerment.