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SRINIVASA INSTITUTE OF ENGINEERING AND TECHNOLOGY
(UGC – Autonomous)
(Approved by AICTE, Permanently affiliated to JNTUK, Kakinada, ISO 9001:2015 Certified institution)
(Accredited by NAAC with 'A' Grade; Recognized by UGC under sections 2(f) & 12(B))
NH-216, Amalapuram-Kakinada Highway, Cheyyeru (V), AMALAPURAM, E.G.Dt.-533216

BEST PRACTICE-1

1. **Title**: DIGITAL LEARNING BY STUDENTS AND STAFF

2. **Objectives:**

3. Develop the skills and confidence of students and staff in the appropriate and effective use of digital technology to support learning and teaching.

4. To provide inclusive learning environment to the students for technology updation, which is required by the industry.

5. **Context**: Digital learning has emerged as a game-changer, offering a plethora of benefits for both students and educators. This dynamic shift from traditional classrooms to virtual learning environments brings with it a host of advantages, fostering a more flexible, personalized, and engaging educational experience. Students from different levels & backgrounds need training to improve their skills in addition to traditional classroom teaching.

6. **Practice:** With reference to the above context, all students from III & IV B.Tech are encouraged to register for online internship. 900 students registered for virtual internships provided by Eduskills, Skill Dezire, Future skills (approved by AICTE) in the fields of Artificial Intelligence, Machine Learning, AWS, Uipath RPA Developer, Blue Prism Intelligent Automation etc.,

7. **Evidence of Success:** As a result, Our institution is recognized and awarded by Eduskills as the institution having 900 students completed Virtual Internships in the national level.

8. Problems Encountered: It is difficult to make students to be attentive during the online session.

BEST PRACTICE-2

1. **Title** : PRACTICAL ORIENTED LEARNING

2. **Objectives** : To enrich students with hands on training so that they understand the concepts to be industry ready

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3. **Context**: Practical oriented learning will help the students to be strong in basics. To bridge the gap between industry and academia, students must undergo practical oriented session related to advanced edge cutting technologies.

4. **Practice**: In order to meet the above context, workshops related to IoT, 3D printing, Electric Vehicle, Coding practice has been conducted for students in II year level. In III year they will undergo mini projects which uses the above technologies, so that they will be strong in both theoretically as well as practically. In IV year, their mini project will be extended and models, prototypes will be prepared by the students.

5. **Evidence of Success**: As a result, Final year students developed working models as their project work and presented papers in the National Conferences.

6. **Problems Encountered**: Faced small issues in identifying resources to provide training for core branches.