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SIR C.R. REDDY COLLEGE OF ENGINEERING

ELURU - 534 007, Eluru Dist., A.P., INDIA

ACCREDITED BY NBA, APPROVED BY ALL INDIA COUNCIL FOR TECHNICAL EDUCATION, NEW DELHI,
PERMANENTLY AFFILIATED TO JNTUK, KAKINADA
www.sircrrengg.ac.in

☎ OFF : (08812) 230840, 230565
FAX : (08812) 224193
Email : principal.sircrrengg@gmail.com

Ref. No.   Date :...

7.2.1. Two Best Practices of the Institution

S. NO.	PRACTICE
1	Samagra Vikas: Ensuring holistic growth of students
2	Guru Samriddi: Faculty Empowerment Initiative for enriching teaching skills.

IQAC Coordinator

PRINCIPAL
Principal
Sir C R Reddy College of Engineering
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PRACTICE – I

1. **Title of the Practice:**

Samagra Vikas: Ensuring holistic growth of students

2. **Objectives of the Practice**

   1. Enhance career readiness through counselling and skill development to boost employability in campus placements.
   2. Develop and balance physical, mental, and emotional dimensions.
   3. Instil a sense of human values and professional ethics.
   4. Promote academic growth through guidance for university admissions and education.

3. **The Context**

   Rapid cultural and social changes in a society have significant effect on young minds. There is ample scope in an education institution for adapting a holistic approach for overall personality development of young minds through various co-curricular and extra-curricular activities. It is, therefore essential, to guide, direct, and empower them with appropriate values and ethics reflected as in the mission and vision of an institute.

4. **The Practice:**

   In addition to regular curricular activities, Sir C.R. Reddy College of Engineering offers many opportunities for co-curricular and extra-curricular activities:

   - ✓ Interactive sessions with industry experts, workshops, and seminars to update students on advancements and prepare them for real-world challenges.
   - ✓ Professional bodies and student associations like IEI, ISTE, IEEE, IETE, ELITE, CLASIC, RACE, and CREATE organizing workshops, seminars, and interactive sessions to enhance students' professional skills, foster knowledge exchange, and prepare them for real-world challenges so as to provide a well-rounded educational experience
   - ✓ Career guidance sessions alongside regular classes, offering insights into various career paths, prevailing job market trends, and the necessary educational prerequisites.
   - ✓ Activities such as plantation drives, blood donation camps, offering services at orphanages and old age homes, promoting road safety, fighting anti-ragging, and conducting medical camps in villages through the college NSS unit.
   - ✓ Promote an active and healthy lifestyle through sports and games, gymnasium sessions for physical and mental fitness, and yoga for enhanced concentration, memory, willpower, self-confidence, and overall well-being.

5. **Evidence of Success**

   Impact of practices followed for holistic growth is reflected in various accomplishments achieved as noted below:

   - ✓ Enhanced employability skills through training leading to better campus placements.
   - ✓ Significant achievements in sports and games events at various levels.

- ✓ A sense of commitment and contribution to society as NSS volunteers in social development programmes through blood donation, active participation in visits to orphanages and old age homes, etc.
- ✓ Furthering learning by moving to higher education and pursuing programs in reputable universities.

6. Problems Encountered and Resources Required

Implementing various practices poses significant challenges as it also involves self-motivation in a student and may be limited by his/her financial background. It is also hampered by the students various social, linguistic, and geographical backgrounds. Further, a student's natural inhibition to participate in activities has to be overcome. A strong mentoring system and a framework for extracurricular activities, sports tournaments, and cooperative problem-solving exercises can help in overcoming these difficulties A close contact between academic and supporting services is critical for the successful implementation of this strategy. In this context, strengthening of the existing mentoring system, regular review of activities and motivating for more involvement of students is required.

PRACTICE – II

1. Title of the Practice:
Guru Samriddi: Faculty Empowerment Initiative for enriching teaching skills.

2. Objectives of the Practice:
1. Enhance faculty teaching skills and knowledge through professional development programs.
2. Foster a culture of research, continuous learning and innovation among faculty members.
3. Encourage faculty participation in professional programs through incentives and financial support.

3. The Context:
In the dynamic field of engineering education, it is crucial for faculty members to stay updated with the latest advancements and teaching methodologies. The Faculty Empowerment Initiative is designed to address this need by creating a supportive environment for continuous professional development and skill enhancement.

4. The Practice:
- ✓ To uphold quality education standards, the college provides training to new recruits or less experienced faculty members via AICTE endorsed NITTT modules. Completing the initial five modules is a prerequisite for faculty to finalize their probationary period after joining the college. Financial support and incentives, in the form of waived registration fees are offered to encourage faculty participation.

- ✓ To strike a balance between regular teaching commitments and professional development, the college encourages faculty to regularly participate as well as organise faculty development programs (FDPs) and workshops to give exposure to industry best practices.
- ✓ To create networking opportunities for faculty to connect with professionals to foster collaborative research and projects, strategic partnerships with external organizations, industry experts, and renowned institutions are established to bring diverse expertise to the faculty.
- ✓ To encourage professional growth among faculty members, resources in the form of department research centres and administrative support is provided. Computers, software, and peripheral equipment is made available.. Collaboration between departments is encouraged in the field of research and innovation. Faculty incentives and recognition are implemented as an encouragement to faculty.
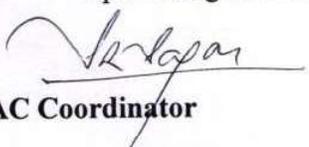
5. Evidence of Success:
- ✓ Increased faculty participation in professional development programs.
- ✓ Increased publication in reputed journals by faculty.
- ✓ Recognition of the institute as a research hub for continuous learning in the academic community.

6. Problems Encountered and Resources Required:

Challenges encountered while implementing the practices is motivating participation of all faculty members. Balancing regular teaching duties with professional development activities is another issue.

To overcome these upgrading of existing software and facilities is needed to meet rapid changes in technology.

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