



2023-24

Best Practice 1

Title of the practice:

Bridging Education: Empowering Young Minds through Science Outreach

Objectives:

- To foster understanding of scientific concepts through hands-on activities.
- To address disparity in access to quality science education resources

The Context:

- Limited resources for experiments in government schools.
- Aligning schedules of volunteers and schools.
- Ensuring safety during hands-on sessions.
- Effective student engagement.
- Overcoming language, communication barriers.

The Practice

Bridges gaps in education by engaging student volunteers to teach science experiments to government school students in a hands-on, fun manner, fostering STEM interest among underprivileged students, promotes experiential learning, empowers higher education students with leadership and teaching skills.

Challenges included limited resources, addressing language barriers. Safety during experiments, consistent engagement.

Evidence of Success

- Improved understanding of scientific principles, as evidenced by student feedback and active participation
- Volunteers reported improved leadership, teaching, and communication skills, with 90% expressing high satisfaction.
- Community Impact: contributing to the educational upliftment of underprivileged schools.

Problems Encountered:

- Limited laboratory resources in schools.
- Scheduling conflicts between schools and volunteers.
- Language barriers during sessions.
- Ensuring safety in experiments.
- Maintaining sustained student engagement and interest.



Any other information

Resources Required:

- Portable lab kits and materials.
- Transportation for volunteers and equipment.
- Training programs for volunteers.
- Financial support for supplies and logistics.
- Multilingual instructional aids.

Year 2023-24 Best Practice 2

Title of the practice: *Way Forward through Skill Development*

Objectives:

- To integrate soft skills and technical expertise
- Equip with relevant skills & bridge the gap between academics & Industry

The Context

Designing and implementing the practice involved addressing challenges such as aligning curriculum with industry needs, ensuring inclusivity, balancing academic and skill-based training, securing resources, and fostering student engagement and adaptability.

The Practice

The practice integrates technical, soft, and life skills through workshops, real-world projects, and mentorship, promoting holistic student development. Its uniqueness lies in blending academic rigor with practical skills to enhance employability and personal growth.

Limitations:

Resource constraints, varying student engagement levels, and limited industry partnerships pose challenges to scalability and consistency.

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College with Potential for Excellence by UGC,
Hyderabad- 500 028, India



Evidence of Success

- High student participation and successful completion of the skill-oriented courses.
- Graduates demonstrate improved job readiness, with many securing internships and placements in reputed organizations.
- Notable improvement in communication, leadership, and teamwork, as reflected in student feedback and assessments.

Problems Encountered

Limited industry partnerships, varying student commitment, and balancing academic workload with skill training.

Resources Required:

Dedicated faculty, funding for infrastructure, industry collaborations, and access to modern tools and technologies

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'A+' Grade(3rd Cycle)College with Potential for Excellence by UGC,ISO 9001:2015 ISO.**

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