

BEST PRACTICE 1- STRATEGIC COLLABORATIONS

1. Title of the Practice: Strategic Collaborations

2. Objectives of the Practice

- Promote holistic development of all the stakeholders, including students, faculty, and the community.
- Foster innovative research, facilitate knowledge dissemination, and resource sharing through collaborative efforts.
- Strengthen the institution's societal impact and outreach through strategic alliances with industry, academia, and NGOs.
- Enhance skill development of students to prepare them for future opportunities.

3. The Context

The college plays a pivotal role in shaping society by providing students with the knowledge and skills needed to tackle real life challenges. Strategic collaborations foster innovation, resource sharing, and societal impact. Being a higher educational institution, the college must engage in partnerships that promote interdisciplinary research, enhance skill development, and improve community well-being.

4. The Practice

- Research Collaborations- Collaborations with national and international institutes, research laboratories, and universities promote interdisciplinary research. This includes joint research projects and co-authored publications.
- Academic Collaborations- Establishing agreements with other educational institutions for internships, interactions with scientists, skill development, and online learning platforms.
- Public Private Partnerships- Collaborations with industries, NGOs, and government agencies to implement community development projects and to promote environment sustainability.

5. Evidence of Success

- Increased research output, including publications and funded research projects.
- Access to state-of-the-art instruments and research facilities.
- Organization of workshops and invited talks, and internships opportunities for students at different institutes.
- Development of e-content for higher education utilizing augmented and virtual reality (AR-VR) technologies through NavTATVA Educare Pvt. Ltd.
- Successful implementation of community outreach programs, such as establishment of RRC under the aegis of NACO, environmental awareness campaigns, Thalassemia Screening Camp, sensitivity to specially-abled individuals.
- Infrastructure development like installation of LCD/ LED screens to telecast college notices and messages through Innovative Power Solutions.
- Collection of the properly segregated and labelled biomedical waste from the college and waste paper recycling.

6. Problems Encountered and Resources Required

- Limited financial, human, and technological resources hinder effective execution of collaborative initiatives. Ensuring active participation and balancing the demands of collaborative and outreach activities with the regular academic commitments is a challenge.
- Dedicated funding for collaborative initiatives, infrastructure support such as state-of-the-art facilities, research labs, and digital tools are required for collaborative projects.

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