1. **Promotion of arts, heritage and culture along with academics**

Objectives of the Practice

- Help learners to consolidate past experiences and knowledge

- Introduce learners to different media and techniques and their use for creative and productive expression for common use.

- Provide opportunities for development of awareness about folk arts, local specific arts and other cultural components leading to an appreciation of national heritage.

- Assist learners to use artistic and aesthetic sensibility in day-to-day life situation

- Enable learners to achieve a balanced growth as a social being in tune with our culture through project work.

- Get acquainted with the life and work of the local artists/artistes.

The Context

Students deal with a variety of stress-related issues, including personal, academic, physical and mental ones. Students are unfamiliar with the working environment of colleges. It causes a lot of tension, especially for dormitory students who are spending their first time away from home. Students from educationally underprivileged backgrounds experience difficulties and hesitations in the classroom, which prevent them from performing effectively because of inhibitions. Statistics show a rise in the number of suicides and dropouts.

Therefore, one answer is to "promote the arts, tradition, and culture alongside academics". As students learn about what appeals to them and have a direct say in how their final output will look,

art education helps students make better decisions, build their self-confidence, and increase their self-assurance. They can develop into lifelong learners that push themselves regularly and sharpen their focus on reaching their objectives.

The Practice

A center of activity, Ahalia School of Engineering and Technology hosts activities all year long. The events put on by Ahalia's student clubs create a vibrant and energetic campus environment. On the Ahalia campus, we provide a number of programmes like the Onam festival, the Christmas festival, the tech festival, the arts festival, and the mudra festival to foster the creativity of the students.

Numerous student competitions are held in support of these festivals, and events including science exhibitions, conferences, and workshops are held. As a result, the pupils' creativity, morals and

leadership skills are fostered. The university's guidelines state that students must earn their activity points, thus we require them to compete in a variety of events. Also, various cultural programs such as Mohiniyattam, Silambatam etc. are conducted so that the students can follow the culture of our country and society. Thus information about the essence of our country's culture is imprinted in the minds of the students.

Evidence of Success

The main objective of the above mentioned events is for the students to excel academically and socially. As proof of that, students have performed very well in various placement drives. Many have performed well in many competitive exams. Also, all programs conducted in the college are conducted by the student's council and students have excelled in university exams and sports at the state and district levels. Social concern development of students is developed here. Because of that many types of blood camps are conducted by NSS camp and through Unnat Bharat Abhiyan program nearby villages are adopted and all necessary help is being implemented for them. ahalia.ac.in/gallery

Problems Encountered and Resources Required

This practice requires devoted management and staff that are willing to assist students outside of scheduled class times. When implementing the programme, there are no restrictions or limitations.

2. **Upkeep of sustainable and eco-friendly campus in the arid and rain shadow region**

Objectives of the Practice

Ahalia is located in the rain shadow region of Western Ghats. Artificial rain water harvesting lakes (RWH), extensive plantation, sewage treatment plants and renewable energy resources together aimed to eradicate the extent of arid topography and over two decades of time, now Ahalia is the largest sustainable and eco-friendly campus in Kerala.

Upkeep of sustainable and eco-friendly campus prime objective is to promote natural self-sufficiency in harmony with the ecosystem thereby aiding Engineering students in enhancing mastery in the field of Sustainable Engineering altogether with academic knowledge.

https://youtu.be/4qlTbsccfgQ?list=PL0M3c0rnxg49bew4u4dYiGwHVmbmCbVvh

The context

Similar to another large development project, Ahalia edu-health campus came across economic, environmental and social concerns. The 2300 acres coverage of Ahalia was a rampant environmental degraded zone in the beginning years with low biodiversity, less inhibition, loss of resilience ecosystems with no water management scheme and growing water scarcity.

Water is the major requirement for any sustainable green development. The main source of water in this region is rainwater which has to be infiltrated before going waste as runoff. Initially it was a challenging scenario to pond large quantities of rainwater. Transportation facilities were also absent in the beginning years. Service roads were gradually developed. Relatively higher proportion of the topography is formed of rocky strata which were carefully planned to fit-in with

the theme of sustainable mission. The greenery of Ahalia campus is a dedicated effort over years planting and nurturing around 100 saplings per year.

The practice

The mission of Ahalia School of Engineering and Technology is to bud socially committed Engineers. Ecology is getting depleted day by day. Ahalia as a team promotes Indian higher education in a unique course of action. 2300 acres of Ahalia campus is a man-made sustainable campus rich with ecological biodiversity and verdant landscape.

The campus as such is a visual treat for the students and it mechanically inculcates a good human being who makes the environment sustainable for the present and future generations. The constraints faced in achieving the above is the Engineering syllabus and regulations currently we follow lack orientation towards the concept of sustainability.

Evidence of success

1) Aqua Excellence Award (2019) under the category ' Water Management - Private sector', from Aqua Foundation during the world Aqua Congress 2019. The award was given by Shri. Gajendra Singh Shekhawat (Hon'ble Union Minister for Jal Shakti)

2) First Prize (2018, 2013) from Kerala State Pollution Control Board, Government of Kerala

3) Excellence Award (2017, 2016, 2015, 2014), from Kerala State Pollution Control Board, Government of Kerala

4) Second Prize (2012), Third Prize (2011), Special Recognition (2010), Appreciation Award (2009) from Kerala State Pollution Control Board, Government of Kerala

5) First Prize (2017), Kerala State Akshaya Urja Award from ANERT, Government of Kerala

Problem Encountered and Resources Required

The three key elements in sustainable development are fairness, protection of the environment and economic efficiency. For the implementation of such a vast sustainable edu-health campus requires huge cash flow, man power and infrastructure. The progression of the sustainable campus in a limited time frame is challenging, especially the ecology which can only be built in a couple of decades. Therefore, time bounded results might not always be accomplished. So, sustainability policies face obstacles due to the duality that exists between the need for feasible solutions and virtuous strategies.