
	Akhil Bharatiya Maratha Shikshan Parishad's Anant Rao Pawar College of Engineering & Research		
	Record No.: ADM/D/036B Revision: 00	DoI: 21/01/2019	
Internal Correspondence For Department			

✓ **Best practice - I**

1. Title of the Practice :

Well-functioning Innovation Club

2. Objectives of the Objectives

The Objective of Innovation Club is to build cognizance, educate, cultivate and inculcate a culture of innovation amongst students & faculties to empower them to generate new ideas and turn out to be more inventive. Provoking students to move and think in the direction of upcoming technological trends and innovations thereby giving a variety scope for their projects development during their academic curriculum.

3. The Context

Looking towards emerging trends, innovation is need of an hour, for the progress of institution. hence, people qualified with deep technical knowledge about various fields of Engineering, through their relevant experiences, are identified as mentors for upcoming & ongoing research Projects. These mentors are procured as Innovation Club members, who nurture the students & faculties of APCOER. Innovation Club is based on core 4 Elements viz; Association, Ideation, Execution and Value Establishment, which is useful to set the institution in a different paradigm in order to identify new opportunities and the best approaches to solve existing problems.

4. The Practice

Innovation Club organizes periodic meetings of the club members, students & faculties to produce new notions and detect innovations. Stakeholders maybe invited to share their innovative ideas and skills to portray their innovative products/projects. Organizing various seminars, webinars, expert talk or conferences to elicit invention, revolution, design alive and bloom them in students. To inaugurate awareness campaigns, activities and competitions like quiz, debates, posters, dramas etc on creativity and innovations within APCOER, engaging innovative activities, workshops, training and programs.

5. Evidence of Success

Various innovative projects were executed successfully beneath Polyhouse like agrownetviz; Online Educational platform for agriculture arena comprising of agrowhealth, agrowbot, agrowcon, agrowwind, mobile app for farmers etc., also, including "Stick with Chair" for senior citizens & Tile-O-Kleen for cleaning, disinfecting various types of surfaces in public places like hospital, Nursing homes, drains, toilets etc. Among which, first "Stick with





AkhilBharatiya Maratha ShikshanParishad's

AnantraoPawar College of Engineering & Research



Record No.: ADM/D/036B

DoI: 21/01/2019

Revision: 00

Internal Correspondence For Department

Chair" commercial order of 100 lot is distributed to senior citizens & another lot of 50 chair are ready in the workshop. Prepared Phenyl liquid & distributed among APCOER staff & nearby restaurants.

6. Problem Encountered and Resources Required

Researching and supervising resources & data required to evaluate the existing opportunities. Fetching internal and external investors, participants, stakeholders to cooperate on crucial challenges & prospects. Overpowering disruption that outcomes from being out of reach with global market trends. Testing of chair for particular strength/weight carrying capacity of senior citizens was biggest challenge in the Project "Stick with Chair". In case of "Balaji Phenyl", different chemicals were screened for cleaning, testing & solubility of chemicals were examined based on trial error & basis, usage of water soluble, oil soluble flavours. Utilized pine oil based substances, emulsifying agents in the preparation of "Balaji Phenyl".

✓ Best practice - II

1. Title of the Practice:

ISTE Student Chapter

2. Objectives of the Practice

The major objective of the ISTE is to provide quality training program to teachers and administrators of technical institutions to update their knowledge and skills in their fields of activity and to assist and contribute in the production and development of top quality professional engineers and technicians needed by the industry and other organizations.

3. The Context

First started in 1941 as the Association of Principals of Technical Institutions (APTI), it was converted into "Indian Society for Technical Education" in 1968 with a view to enlarge its activities to advance the cause of Technology education. ISTE has an Executive Council at National level. ISTE student chapter established in our institute in year 2014. also we are institutional member of the Indian society for technical education. Various events like SPARKTECH technical events, Engineers day etc. were conducted.

4. The Practice

In view of the objectives of ISTE, it has always been a priority for APCOER to encourage and support our staff and students to organize, participate in various conference, symposiums and trainings. The institute is actively involved in numerous activities at intra-college and or inter-college levels, whereupon students and staff interact with





AkhilBharatiya Maratha ShikshanParishad's

AnantraoPawar College of Engineering & Research



Record No.: ADM/D/036B

DoI: 21/01/2019

Revision: 00

Internal Correspondence For Department

each other, which brings upon useful inputs and outputs which aids development and betterment of technical education.

5. Evidence of Success

We take pride in working towards the betterment of education and contributing our bits in the development of the society and building up the Nation. Our College has received ISTE Best Chairperson award for the Academic Year 2021-2022.

6. Problems Encountered and Resources Required.

To recognize the distinctiveness among students and seek to meet their individual needs. To Deal reasonably and objectively with students regardless of their social, economic, regional and religious background. Sharing best practices is a key to sustainable implementation, holds huge potential to improvise Teaching-Learning practices. To meet the requirements of the challenges we are developing new frameworks for sustainable integration of technology into teaching-learning such as Incubation Center, Various Clubs under ISTE for talent hunt, participation in various University level programs and building team management through hierarchical distribution of students in ISTE committee.

Prepared by,
Prof. D. P. Rankhambe

Reviewed by,
Prof. S. S. Salvekar

Principal

Dr. S. B. Thakare

