

7.2.1. Best Practice 1

Title: Enhancing skills of students in multiple domains and encouraging experiential learning

1) Context: Skills are essential to not just bring theory into practice but also experience various operations and outcomes connecting thinking and how actually the materials must be handled and put to utility in daily life, in art and science spaces, in communication and bring to use in terms of home - based crafts of food, recycling goods, decorating with flower arrangements, and fulfilling Poshan aims. The skills themes were further clubbed in to such skill stations engaging faculty rich in such crafts with the youth as pupil teachers as well as probable counsellors.

2) Objectives of the practice

- To develop skill in teaching as well as social responsibility skills as a better citizen.
- To enhance communication skills of the students using the language laboratory facilities and acumen of the mentors.
- To build ICT skills of the students to optimize the facilities available in the technology space.
- To enhance the generic skills of understanding nutritious foods including millets, using methods that check wastage and have hands on re-cycle experiences.
- To upskill students on handling science instruments and operations through workshops in novel ways.
- To develop performing arts and crafts among the pupil teachers for grooming aesthetic faculties, personality, and connect with traditional arts.

3) The Practice

The core skill in teaching comprises of pre and post internship skill development of 2 weeks each, and an internship of 14 weeks in the schools. While there are primarily teachers to be under training, there were conducted activities based on the above objectives to nurture the students to incorporate skills involved to demonstrate a higher level of acumen in expression and handling of the material. Workshop on developing audio - visual teaching aids was conducted. The student editors developed college magazine and journal with their mentors. The activities to do with gardening were taken up to enhance a self-dependent life style while engaging with the environment.

The participation in competitions regarding writing were conducted on various themes and brilliant essays, poems, slogans, and skits emerged. World Ozone Day was celebrated by the science club. Social responsibility was encouraged by sensitizing on voting, respecting the girl child, taking responsible behaviour oaths for no drugs, no abuse, no corruption, and taking authentic legal recourse for issues involving responsible citizenship. Many activities reinforcing equality and inclusivity were conducted. World Disability Day, Transgender Awareness Camp and Consumer Awareness on Cyber Security were organized and Human Rights Day were observed. Blood Donation Camp was also organized. Visits were organized to GRID to understand educating the special children, to the State library for seeking resources to supplement study material.

The language laboratory optimized the software installed and students enjoyed phonetics and more in the sophisticated lab set up.

The Science Club of the college organized workshops to enhance skills on 3D printing, JAWA, Coding and developing websites. The students were mentored by invited mentors and experts.

The home science club organized various cooking competitions, flower arrangement competitions, best out of waste, and clubbed with the Nivedita Trust also for *Aahar Kranti* events in house, and further at the intercollege and Panjab University level. The club also facilitated health care and opening of dispensary in the college premises.

The Placement Cell of the college organized 30 Hour VAC to achieve SDGs on food, health and well being and increase employability of the pupil teachers. AI was also a major component.

Talent hunt was organized to identify the existing skills among music, theatre, and drawing art and crafts. Participation in youth festival gave ample opportunity to the students to nurture their crafts and contribute to preserve heritage aesthetics.

The students were upskilled with diverse experiential learning opportunities and match to their tastes, temperaments and newly found interests.

4) Obstacles faced

The practice opportunities can be more and the schools can be as much ready with certain facilities to put these learning into practice.

5) Impact of the practice

The students thrived on these experiences of developing skills and upskilling for taking their role as accomplished teachers, aware of trending laboratory and out of lab or class possibilities that are to do with actual life situations in and out of class room. Each pupil teacher felt equipped with skills to interact more with their students further on. Many of them used their creativity to bring out novel products such as cookies out of ragi and creating purses out of old newspaper. The Science students could bring school students to the laboratory to enjoy the possibilities and engage in constructive novice activities. The proposals for more such activities have been drafted to take these further.

6) Resources Required

Special sanctions and funds can allow purchase of more material and instruments. The college needs a dedicated bus to take to the field more frequently.

7.2.1 Best Practice 2

Title - Committing to sustainability as a way of life.

1) Context:

Creating sensitive and responsible citizens towards sustaining the planet Earth for present and future is the core idea which is being used to design and execute the activities and programs that the Government College of Education, Chandigarh offers. This encompasses e-governance, record keeping of assessments, reports and more, besides networking on e platforms.

2) Objectives of the Practice:

The following objectives were framed towards contributing to sustainability to meet the relevant SDGs to the institution and its stakeholders: -

- To plan and execute activities for a green campus.
- To meticulously work on waste management.
- To increase paperless functioning of the college office and other major heads of the college.
- To design Value Added Course (VAC) on the theme of SDG's connecting it with employability.

3) The Practice:

Various clubs and societies focussed activities were held keeping in mind fulfilling SDGs related to education, food, hunger, well - being, inclusion and preservation of natural resources in the environment in and around college. The in focus SDGs are Zero Hunger (2), Good Health & Well Being(3), Climate Education(4), Gender Equality(5), Clean Water & Sanitation(6), Affordable and Clean Energy(7), Reducing Inequalities(10), Sustainable Cities & Communities(11), and Partnerships for the Goals (17).

The Parijat Eco Club of the college observed World Environment Day under the theme 'Beat Plastic Pollution', "World Ozone Day" and "World Wildlife Week" and "World Water Day" which comprises of slogan writing, photography contest, poster making, plant census, essay writing and visiting Parrot Sanctuary. International e-waste day involved forest officers and activists of environment.

Taking along gardeners is essential to maintain a huge campus with substantial green space. Workshops were conducted for them and contribution of many of them in the was appreciated.

The college created a small strawberry farm and fragrance garden. Bicycle rallies were organised. Dedicated waste plastic collection was made. Educating canteen staff on plastic and waste management done. The club networked with national bodies on Air pollution health and wellness breathing pure air conducting plantation drives and developing social media reels fore sensitization of community.

National Energy Day was observed to sensitise on climate change. *Swachhata Pakhwada* was observed huge plantation of sapling was done by involving senior designators and Income Tax Department and their other officials, Central Ground Water Board (CGWB), Chandigarh organise a dedicated one-day training programme to address local ground water issues.

The college office ensures educating monitoring and execution of waste aggregation on daily basis as per the norms and network with Municipal Corporation for corresponding collection of garbage for suitable disposal.

The establishment of the college follows Manav Sampada Portal where in "PFMS and HRMS" are used for salaries and appraisal e-networking with stakeholders is done from time to time. The website of the college is the platform for information sharing reports of activities, announcements and acknowledging achievements.

A dedicated 30 hours VAC was organised by Placement cell to upskill pupil Teacher on artificial intelligence and enhancing IT usage, benefiting from commonly available food grains other than wheat, encouraging use of seasonal fruit and vegetables are using method of cooking which reduce wastage of nutrients and such skills.

4) Obstacles Faced

The networking and correspondence continue to have paper-based correspondence.

5) Impact of Practice

The initiatives unsustainability has sensitized students and staff towards no tolerance of water and electricity wastage, reduce paper usage. Online submission of examination award and assessments is mandatory.

The college office is striving towards paperless correspondence. The campus is eco-friendly, green space with rich flora and fauna, systematic on waste management and doing decomposing in a pit. Time to time training and activities have been reinforced SDGs on food, hunger, well-being, education, inclusivity and preservation of natural resources.

6) Resources Required

Sustainability is a vision towards which trainings structural addition of bigger water pit and creation of more medicinal plants will require planning on creating a field and medicinal plant saplings.