



	Best Practices
1.	Title of the Practice
	Indigenous Organic Products
2.	Objective of the Practice
	<p>Promoting healthy life style and pollution free environment by using domestically available material containing pure organic properties to benefit healthy and energetic lifestyle. Our ancestors used to live a healthier and disease free long life as they commonly used natural products in their daily life, which is not seen in the present scenario. Reason behind this was easily availability and quality conscious productivity by nature. Present generation is adapting artificial and chemical based products, in every front of life; either it is food, medicine, beauty care or daily needs products. Food adulteration is also one concern.</p> <p>A thorough and illustrative awareness is must to divert the present generation's focus towards our ancient methodologies to adopt the indigenous products for a healthier and longer life. The objective of this practice is to strengthen the research base in the college and to establish new STARTUPS.</p>
3.	The Context
	<p>Present generation needs awareness towards indigenous organic products, their usage and to imbibe them in their life. A practical institutional studies and there preparation methodologies is required to educate them so they could not only utilize them to elevate their life style and society but also adopt them to establish new STARTUPS as their occupation and to bring this to practical use, many practices are taken into consideration. One of which is Mosquito repellent usage which is more hazardous than smoking cigarettes because they release harmful gases, causes lungs cancer and asthmatic problems. This could be replaced by mosquito repellent organic DHOOPBATTI's, and Organic Mosquito repellent cream which nourishes the skin as well. These ingredients are neem, cow dung, wooden powder and hawan samagri etc., which are natural products and freely available everywhere. In order to produce such organic products commercially, their production and preparation are quite easy for the present generation. Similarly, herbal colours and rose water production from used flowers. Preparation methods of compost from kitchen waste and their benefits are also one of them.</p>
4.	The Practice
	<p>In order to give the information about Food Adulteration, Its pros and cons are being studied by simple indigenous practices so they could implement such methodologies to adopt as new ideas for their STARTUP ventures or business.</p> <p>To enhance the skills as well as environmental awareness among students and staff, workshops have been organized.</p> <ul style="list-style-type: none">• Preparation of Herbal colours. Yellow and orange colours are being prepared from marigold, red from rose and beetroot and green colour from spinach.• Preparation of Organic mosquito repellent dhoop batti from wooden powder, neem, and hawan samagree.• Preparation of Rose water from used rose.• Eco-Friendly Ganesha making workshops are organized by the institution using eco-friendly material (clay) which leads to pollution free environment. These eco-friendly Ganeshas distributed to other faculty members and people.• Our old practices are also continued by the institution like Herbal tea preparation from the different herbs.• Preparation of Organic Phenyl, Hand wash, First aid Box.• The college has started short-term certificate courses like add on courses preparation of routine cosmetic, cough-cold balm, pain relief balm and certificate course (food and nutrition) in both courses being conducted by Dept. of Chemical Science. <p>Workshops organized by the institution have not only helped in better understanding of environment friendly they practices but have also motivated the students to become entrepreneurs. Also leads to a better environment and enlighten the participants on present scenario of science. The expert lectures by eminent speakers are organized on regular basis.</p> <p>Green revolution cell is also working towards spreading environmental awareness in society. In this endeavor the cell organized the following workshops for common people.</p>



	<ol style="list-style-type: none">1. Preparation of eco-friendly organic colours from waste flowers for Holi celebration.2. College organized industrial visits on regular basis. Recently our students visited Asha Confectionery, CIDI (Centre for Innovation Design and Incubation) and Agriculture College3. Making idols of Lord Ganesha using eco-friendly material.4. Testing food adulteration.5. Making mosquito repelling organic dhoop batti using eco-friendly material.6. Making rose water from used rose.7. Our old practice like preparation of routine pain relieving balm, cold and cough relieving balm.8. Stain removal using organic agents.9. Making Herbal tea, Organic Phenyl, Hand wash, First aid Box.
5.	Evidence of Success
	<p>The evidence of success is visible through number of research achievements of the college. We have succeeded in creating a green campus. Our efforts have resulted in increased social awareness towards environment protection. The significant realization is that the students are enhancing the skill, self-employment capability and self-empowerment, good understanding regarding the environment, its conservation and exploitation.</p> <p>Improvement of the health of society is under process. Some students also have taken the initiative of their start-ups as a non-registered firm.</p> <p>College started using in-house manufactured Herbal tea, organic Phenyl, hand wash, rose water, mosquito repelling Organic dhoop batti, eco-friendly organic colours, few sanitary & first-aid Medicinal items.</p>
6.	Problems Encountered and Resources Required
	<ol style="list-style-type: none">1. Hardships regarding the time management of students. They have to attend their regular classes and hence time management becomes a criterion for the students to manage. These activities were conducted after their regular classes. Due to this number of student's participation were also reduced.2. This institution is a self-financed institute and due to which financial burden comes to the management team. As the required ingredients utilized for these practices are managed from the institution funds.3. The funding agencies for research practice take too much time to sanction the proposals and also not communicate properly the sanction or rejection of the same. This kind of situation sometimes demotivates the researchers.
7.	Notes
	<p>As a result of these practices college and society got benefited in terms of better environment awareness and conservation.</p>



	Best Practices
1.	Title of the Practice
	Knowledge Enrichment Project
2.	Objective of the Practice
	<p>These objectives can be realized by viewing organizational learning as a process by which knowledge that is created during work, is incrementally captured, structured, and maintained. This knowledge can then be accessed or delivered when needed to inform individual and group work tasks. The objective of this practice is to improve the Knowledge of students towards the society, Environment, Heritage place, Mythological place. Ayurveda information, Waste material management and rare book collection are in the project work of students.</p> <p>In this Practice, college has allotted groups of Faculty members and students of different departments to each project in which following department are as-</p> <p>Chemical Science- Environment Bio-Technology- Ayurveda information Foundation- Heritage place B.Ed.- Waste material management Management- Knowledge of students towards the society Computer Science- Mythological place Physics-Rare book collection Mathematics- Rare book collection</p>
3.	The Context
	<p>To make the students aware and conscious towards Society, Heritage place, Mythological place, Ayurveda information, Rare book collection, Waste material management and Environment, continuous efforts are put in to transfer the knowledge by various projects. To enrich the knowledge, moral story telling sessions are conducted by the teachers and students.</p> <p>In the context of a project in genomics that involved biology, chemical science, management, physics, Maths and computer science, college has adopted a mechanism that provides enrichment of knowledge of students.</p>
4.	The Practice
	<p>Our institution is greatly committed to protect and preserve the environment, as well as to inculcate environmental consciousness among the students, staff and society at large. We believe in promoting culture which cares to protect, preserve and conserve. Realizing the importance of sustainable development many activities are undertaken to make the campus environment friendly and student's awareness regarding ecological issues. The role of this practice is to spread the awareness as well as to provide students multifarious platforms to discuss the various pressing environmental issues and plan appropriate solutions towards the same. Rare books, Heritage Place, Mythological Place, and Ayurveda book, crafts using waste material, Environmental news.</p> <p>Various competitions were organized like poster making, photography, waste sculpture and best out of waste are organized.</p> <p>The college facilitates case studies, field studies, educational tours, village surveys, excursions, industrial visits, hand-on experience, for all round development of the students in their respective field of study. The college encourages innovative teaching-learning process through student seminars, extempore, lectures, debates, quizzes etc. based on the curriculum, use of ICT, audio and visual mode of teaching through educational films, relevant documentaries and other multimedia.</p>



5.	Evidence of Success
	<p>To make the students aware of our culture and society. The evidence of success is visible through different areas of activities given as under:</p> <p>Poster making competitions lead to the enhancement of knowledge regarding the subject.</p> <p>Brainstorming sessions of quiz competitions helped the students in enhancement of their knowledge.</p> <p>The projects of these activities are submitted in the college library.</p> <p>Students & staff members are motivated toward ideal.</p> <p>Educational or industrial tours helped the students in placements as well.</p>
6.	Problems Encountered and Resources Required
	<p>The college is Autonomous but it has been associated with the university system and working according to the schedule proposed by university, in this way the planning of activities was a bit difficult.</p> <p>Financial issues of this institution become a hurdle in many cases.</p> <p>The regulatory bodies do not count the time devoted to research activity in the teaching work load.</p>
7.	Notes

Contact Details

Dr. Anita Gour
Assistant Professor
Department of Chemical Sciences
Member, IQAC
Christian Eminent College, Indore
Email : cec.chemicalscience2013@gmail.com
Contact No. : +919302270520