

## **Best Practices**

### **Practice no-1**

#### **Title of the Practice: “Way to Go Green”**

##### **Goal/ Objectives:**

1. To conserve, protect, maintain and improve the flora of the college campus.
2. To conserve, protect water resources through rainwater harvesting.
3. To promote sustainable waste management by recycling and reusing.
4. To develop botanical garden for plantation of medicinal, ornamental, flowering and herbal plants in the college campus.
5. To create awareness on importance of plants and water conservation among farmers and students through street play.
6. To create awareness in the students and staff on environmental issues.
7. To promote and implement use of renewable energy resources. (Solar energy).
8. To use LED bulbs and tubes for save the energy.
9. To support and implement “Paperless office”
10. To promote the use public transport.
11. To support and implement “*Swachh Bharat Abhiyan*”.
12. To organize expert lectures on environment-related themes.
13. To motivate the students and farmers to apply the bio-pesticides and bio-fertilizers and to encourage the students and local farmers towards organic farming.
14. To support and implement “Plastic Ban” through street play.

##### **Context:**

A green campus is a place where environment friendly practices and education combine to encourage sustainable and eco-friendly practices in the campus. The college is spread over 30.13 acres of luxurious green area. The college takes special efforts to insist the environmental awareness among its students and staff. We believe that, the environmental awareness must lead to environmental action. The campus is a house of various types of plants. The green campus concept offers the institute, the opportunity to take the lead in redefining its environmental culture and developing new examples by creating sustainable solutions to environmental and social needs of the human beings.

##### **Practice:**

The institution is continuously working with students and staff to make entire campus environmental friendly. The college has successfully initiated and implemented a scheme named “Way to Go Green”. College has developed attractive and beautiful campus with

number of plants, and lawn, botanical garden and cactus garden. Internal roads are surrounded by a wide plantation on both the side and central portion of road. Department of Botany has developed shed net project for educational purpose. The college has developed eye-catching “Shanti Niketan” open reading library in campus. The Department of Zoology developed Vermicompost units in the college campus. The Vermicompost units are used for solid waste management, recycle solid waste and to produce economically important Vermicompost. The institution is using renewable energy sources like solar energy. College has installed 10 KV solar units. The college uses LED bulbs and tubes to save electricity. The consumption of electricity in the college is periodically checked by external organization. The institution has constructed the pits in campus for harvesting the rainwater. The college conducts a green audit by external agency. The aim of the “Way to Go Green” is to protect the Flora of the campus and to promote the environment management and protection of environment by organising different competitions. The institution organizes expert lectures and seminars on environment-related and agriculture related issues. The posters are displayed in the college campus on plastic ban to promote concepts of plastic-free campus and environmental awareness among students. In the last four years, the college has run the programme “Swachh Bharat Abhiyan”. In this, students clean the public places of Nighoj, Devibhoyare, Patharvadi, Wadner Bk and Kund Paryatan Kshetra. The college applied name plates to the plants in the campus.

#### **Evidence of the Success:**

##### **This practice has confirmed to be successful through the following events:**

The college has successfully initiated and implemented a scheme “Way to Go Green”. The college has regularly planted number of trees and plants. With the help of this scheme, the flora of college campus has enhanced, which has turned into eco-friendly campus and minimization of environmental pollution on the campus. The college has successfully developed the plantation with lawn, botanical garden (22000 sq. m.), cactus garden (48.77 sq. m.) and shed net project (26.76 sq. m.), useful for educational purposes. Vermicompost unit (41.81 sq. m.) helps us to convert solid waste into bio- fertilizer which is used for botanical garden and minimizes the solid waste on the campus. The college has been using 100 % solar energy from the last 2 years. ‘The Plastic Ban Awareness’ is created by ‘Sign Boards’ and are displayed all around the college campus.

The college provides “Shanti Niketan” Open Reading Space, located in the tamarind garden for students. Through N.S.S activities, students perform street plays on different environment related issues to aware the student as well as local people. Green audit of campus is done regularly. Rain water harvesting has led water conservation in the campus. The organizing expert lectures on environmental issues to aware the student’s on

protection of ecosystem. Mandatory course on environmental awareness to S.Y.B.A/B.Sc. students is offered by the university and implemented by college. The college runs this course and promotes environmental awareness among students. College organized number of expert lectures on importance of organic farming, conservation and protection of water, importance of bio-fertiliser, water and soil testing.

**Problems Encountered and Resources Required:**

While performing this practice, following problems are encountered by the college.

1. Lack of awareness among the local people and students on environmental protection.
2. Green campus is slightly expensive practice.
3. It needs an expert's advice.
4. It is long term process.

## Practice no-2

**Title of the Practice: Promoting Research culture among staff and students.**

### **Goal/ Objectives:**

1. To inspire the faculty members to pursue M. Phil and Ph.D.
2. To motivate the faculty to apply for the PET Examination of different universities of India.
3. To encourage faculty members to participate and present their research articles and papers in national and international symposiums, conferences, seminars and workshops.
4. To encourage faculty members to publish their research papers in reputed and UGC listed online national and international journals.
5. To motivate the students to participate in Avishkar competition organised by Savitribai Phule Pune University, Pune.
6. To organize seminars, conferences and workshops on the different research subject or themes.
7. To motivate students to collect and communicate scientific information and update their knowledge about science and there by develop their scientific temperament through science association.
8. To establish collaborations with different industries to exchange faculty and research.

### **The Context:**

The main purpose of research is to inform actions, to prove a theory, and contribute to developed knowledge in the study. This practice will highlight the significance of research. In the development of country, science and technology play a key role. The development of India and the promotion of science and technology is very important mission. The process of research is very significant in any higher educational institute; research is an imperative area not just in the field of education but in other fields as well. It purifies the workings. It primarily focuses upon improving quality of education. It shows how to make provision of solutions to problems in a scientific manner. It is a systematic effort to obtain new knowledge in all disciplines. The college initiates research activities through the motivation and providing basic research facilities to the faculty and the students.

### **The Practice:**

The college has Academic and Research Committee for promoting research culture among the staff and students. The entire faculty members are motivated to apply for PET

Examination of different universities for which college provides library to provide all required books and articles and organises expert lectures. All faculty members are encouraged to participate and present their research papers in national and international conferences, symposiums for which the college provides TA/DA and duty leave. The college provides computing and internet facilities, e-journals., for students and staff. The college organizes conferences and workshops on several research themes. Science association encourages students to participate in Avishkar competition organised by Savitribai Phule Pune University, Pune. To develop research attitude among students, this college provides funds and laboratory facilities. College organized number of expert lectures on agricultural research related issues. The institution has established linkages and MoUs with industries and research and training institutes to sharing the knowledge, laboratories facilities, faculties and training.

### **Evidence of the Success:**

#### **This practice has confirmed to be successful through the following events:**

The college has successfully initiated and implemented research culture and environment in college. Presently in the college 02 faculty members have been awarded a Ph.D. degree, 02 faculty members have submitted Ph.D. thesis to concern University and 05 faculty members have registered to Ph. D. in different universities in various subjects and they are actively participated in their research work. The 05 faculty members have been awarded an M. Phil. degree. From the last five years number of teachers has applied to PET examination of different universities. The college has been providing the amount of Rs. 12160/- as TA/DA/ registration fee and duty leave to teachers for attending and presenting their research work at national and international symposiums, conferences, seminars and workshops. The faculty members of college have published 29 articles and research papers in reputed peer reviewed and UGC listed national and international journals. The faculty member of college has published 39 research papers in national and international symposiums, conferences proceeding book with ISBN. The college has provided funds and laboratory facilities to students participated in the Avishkar competition. The college has organized 02 state level conference having proceedings with ISBN number. The college has organized 12 workshops and 05 seminars on different research subjects and themes. Every year Science association organizes Program/ activities to motivate the students and update their knowledge about research and science. College organized number of expert lectures on research and science. The college has established 11 MoUs, to sharing knowledge, laboratories and training.

#### **Problems Encountered and Resources Required:**

While performing this practice following problems encountered by the college:

1. Lack of well developed science laboratory.
2. Lack of research awareness among the students.
3. It is expensive.
4. It needs a scientific and expert's advice.
5. High cost of publication and fewer funds.

### 7.3 Institutional Distinctiveness

#### **Title of Practice: Women Education and Empowerment through Higher Education**

The aim of the institution, behind establishment of this college, is to provide better opportunities of higher education to rural students, especially girls. When we consider women education, it is very bad to say that they are not given any opportunities for higher education in rural area. Women are an inseparable part of society. Their education influences the life of upcoming generations. The development of future generation mainly depends upon the education of women from all over the world. Development of women is the development of the society. Majority of our girl students come from rural areas where a condition of higher education is miserable. It is also a common fact that, after 12<sup>th</sup> class girls are not given any opportunity of education. Against of her wish, she is compelled either to quit the school or to marry, giving the most common reason of critical transportation problems.

As far as this college is concerned, the main objective to establish this college is to educate women in most remote areas. The vision and mission of the college is to provide a quality of higher education for rural youth. From the date of establishment, the college has continuously provided the higher education facilities to rural area students specially girl students. Therefore, this college is always in contact with the most successful women and mothers of this college girl student. '*Aai Mazya Mahavidyalayat*'- Mother Parent Meet is the best example of this fact, showing that this college inspires mothers also. Mother parent are always inspired and they are always ready for the future education of their daughters. It is obvious that so many girls of this college are engaged in studying for competitive examination. Considering all above, this college has started organizing different seminars, workshops, and functions to focus chief issues like women rights, women health and women freedom, making harmony between college and parents.

Besides, this college has started to inspire girls for self defense, self respect by giving them an opportunity to come in contact with the most successful and eminent women like- Punam Patil (Dy. S.P), Bharati Sagare (Tehsildar), Archana Pagire (Nayab Tehsildar), Supriya Khose (CA), Adv. Aarti Kataria, Adv. Gauri Auti, Swati Lamkhade (PSI), Jayashri Kale (PSI), Dr. Smita Bora, Dr. Sunita Lalge, Dr. Jyoti Mhaske (MO, PHC) Dr. Jyoti Mule, Prof. Dr. Shraddha Ingale, Dr. Sanjana Zaware, social workers like Sapna Shaikh, Archana Adhav, Harshada Walunj, Sujata Gajare.

To fulfill their dreams, the college provides excellent physical infrastructure like- ladies common room, separate reading room with competitive examination books, well equipped gymnasium with indoor and outdoor sports facilities, organizing soft skill

development programme giving them turning point to understand the importance of different arts and cultural activities. College has been organizing awareness programme on anti-ragging and sexual harassments. The college has well developed central library providing facilities such as e-journals, e-books available for students. NSS department provides the best platform to girl students to participate in social and cultural activities. The best example of girl student's successful participation is Earn and Learn Scheme. Since last five years girls in this scheme have done significant work for their successful future. In the last five years, the college has spent Rs. 3.55 lakhs on Earn and Learn Scheme.

The college supports to give different Government Scholarships to students who belong to different socially backward categories. In the last five years, the college has helped to 1727 students to achieve Government scholarships of Rs. 94.65 lakhs. Besides, the college has done remarkable work to offer scholarships from the last five years such as Krantijyoti Savitrimata Phule scholarship to 43 students (2.15 lakhs), Rajrshi Shahu Maharaj Scholarship to 34 students (4.08 lakhs) and Savitribai Phule Gunvant Vidyarthi Scholarship to 44 students (5.28 lakhs) from Savitribai Phule Pune University, Pune. In the last five years, the college has helped to 121 students to achieve Savitribai Phule Pune University, Pune scholarships of Rs.11.51 lakhs. It has given opportunities especially to girl students. Hence it is obvious that the girl students are now self-dependent to complete their education.

This college offers special facility for girl in admission process giving them installment in their fees. The best example of generosity of mind for girl education is that some girls who are not able to complete their education because of fees problems, are helped financially by students, college teachers and by the Principal of the college. To conclude, we feel very proud that in the university leveled examination our college has done remarkable work in the result of girl students. In this way, this college is trying its best to inspire girl students to make a change and to become an ideal woman in the days to come.