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Anekant Education Society's

TULJARAM CHATURCHAND COLLEGE
of Arts, Science and Commerce, Baramati - 413102.

Dist. Pune. Maharashtra, India.

Empowered Autonomous Status

Religious Minority Institute

NAAC Reaccredited 'A+' Grade, CGPA 3.55

Criterion VIII Institutional Values and Best Practices

7.2.1 Describe two best practices successfully implemented by the Institution as per NAAC format provided in the manual

Best Practice-I

Title of the Practice: Green Initiatives

I) Objectives of the Practice

- 1 To provide ample opportunities to the students and other stake holders of the college to actively participate in environmental protection initiatives.
- 2 To work with students, faculty and support staff to foster a culture of self-sustainability and make the entire campus environmental friendly.
- 3 To implement a comprehensive waste management system.
- 4 To reduce water footprint and enhance water quality.
- 5 To protect and nurture the flora and fauna in and outside the campus.
- 6 To plant rare and medicinal plants.
- 7 To celebrate important environment days.
- 8 To arrange seminars, workshops, and experts'talk focusing on environmental issues

II) The Context:

A Green Initiative is a strategy that integrates environmental-friendly practices and education to promote sustainable and eco-friendly practices. The green initiative concept empowers institution to create an eco-friendly culture and develop sustainable solutions to meet the environmental, social and economical issues of society. National Education Policy (NEP) 2020 emphasizes on incorporating environmental education into the curriculum to promote awareness and sensitivity towards conservation and sustainable development. Tuljaram Chaturchand College is actively engaged in creating awareness and promoting environmental conservation through its best practice of Green Initiatives with an aim to raise awareness and encourage environmental care.

III) The Practice:

A good education is not merely about getting a degree. It is about understanding our responsibilities to society and the world around us. Apart from imparting career oriented quality education to the students, the college believes in creating awareness among the students to care about the environment through various initiatives implemented in the college campus. The college is actively involved in the following practices related to green initiatives:

A) Infrastructural Development Measures:

1. Energy Conservation:

The College has installed 32 kWp rooftop solar panels which are linked with Maharashtra State Electricity Board (MSEB) Baramati Zone grid system. The college has also conducted energy audit in the year 2020-21. In addition, all hostels of the college are equipped with solar water heaters. The college adopts a policy to use power efficient LED lights in the campus.

2. Water Conservation:

The college is having rain water harvesting system to conserve the rain water. The college has established two rainwater harvesting units with the capacity of 6,80,000 liters.

3. Solid Waste Management:

Wet Waste especially from kitchen, such as vegetable refuses; food scraps etc. are disposed-off in biogas and Vermi-compost plant.

a. Biogas Plant:

As a part of kitchen waste management plan a biogas plant has been set up in the campus. Its capacity is 150 kg kitchen waste.

b. Vermi-composting:

Biodegradable wastes like garden foliage, waste food, etc. are decomposed in vermi-compost plant to produce vermi-compost. This compost is used in the college garden.

4. Liquid Waste Management:

The College has a facility of ETP plant with the capacity treating 2000-5000 liter effluent from Chemistry, Botany, Zoology, Microbiology department.

5. E-waste management:

The college regularly organizes e-waste collection campaign with the help of croma in the college campus.

6. KavivaryaMoropant Botanical Garden:

The college has a well maintained and spacious Botanical garden which has separate sections like Medicinal Plant Garden, Cactus Plant Garden, Butterfly Garden, Bonsai Plant Section, Nursery, and Water Lily and Lotus tanks.

7. Greenery and Landscaping in the college:

The campus of the college is beautifully landscaped in a lush of green stretch of 38 acres land. Out of 38 acres land, 11.3 acres are under canopy. The college maintains the greenery of the campus by regular planting of large number of plants

8. Tree Census with QR Coding:

In an effort to give more information of plants, 130 trees in the campus have been tagged with QR codes that give information about the tree, from its scientific name to its medical value.

9. Offering Plant Saplings to Guests: To boost the plantation drive and cherish the memory of visiting guests, the college offers plant saplings to welcome the guests and visitors.

B) Activities Organized Under Green Initiatives:

1. Tree Plantation Drive:

The college carries out tree plantation and conservation drive every year in the campus and off the campus.

2. Plastic Free Campus Campaign:

The college organizes Plastic Free Campus Campaign on a regular basis to make the campus and the surrounding area free from plastic.

3. Celebration of Important Environment Days:

Various environment days like Ozone Day, Forest Day, World Environment Day, Sparrow Day, Geography Day, and World Food Day are celebrated every year in the college to inspire students to take action for environment protection.

4. Workshops and Experts' Talk:

The college regularly organizes various workshops on environmental awareness to educate students, faculty, and staff about the importance of preserving the environment and adopting sustainable practices.

IV) Problems Encountered

- a) Lack of sufficient funds hindered the implementation of green initiatives such as installing energy-efficient systems, purchasing eco-friendly supplies, or organizing sustainability events.
- b) To bring any change in the approach of stakeholders is one of the challenges encountered when implementing a new policy. The practice of Green Initiatives has also faced resistance by the students as well as staff as many students and staff were not fully understand the importance how even small steps could contribute towards conservation of environment.
- c) Some of the infrastructures like biogas plant, ETP plant need capacity up gradation.
- d) Society contribution is very less in the green initiative practices like campus beautification, environmental preservation, conservation, maintenance and sustainability.

V) Resources Needed

The institute has to work out the time bound strategies to implement green campus initiatives. These strategies have to be incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. Successful implementation of the practice depends on the following resources:

- 1) Organization of various activities, workshops, seminars and guest lecturers and commemorating important environment days for creating awareness among the college community in adopting sustainable behaviors.
- 2) Setting up waste management infrastructure including recycling bins, composting facilities, and waste reduction programs.
- 3) Support from college administration and governing bodies for prioritizing sustainability goals and allocating resources accordingly.

VI) Evidence of success

The College received *Ideal Environment Protection Best Green Campus National Excellence Award 2022* and *ISO 14001:2015 Green Education Campus Certification 2022*. These recognitions serve as a validation for the effectiveness of the best practices implemented by our institution. Through proper planning and execution the college has conducted various activities in the last five years with an aim to make the campus green and preserve our environment in a sustainable manner. Activities like tree plantation, plastic free campaign in the college and other places helped in making the area green and clean. The *E-waste collection drive* conducted every year at the college has become quite successful as there is a constant increase in the collection of e-waste. Celebration of days like, *Environment Day, Ozone Day, Forest Day, Sparrow Day* and *World Food Day* created awareness among the students about environment conservation. Various workshops like *Organic Farming, Agro-Tourism, Eco-Friendly Ganesh Idol Making, Apiculture, Assembling Solar Study Lamp, and Rain Water Harvesting* helped the students in getting firsthand experience of ecological development.

List of the programs organized under Green Initiative (2023-2024)

Sr.No	Name of the Activity	Date	Participants	Link
1.	Tree Plantation in Campus (NSS)	12/08/2023	80	View File
2.	Tree Plantation in Campus	26/08/2023	18	View File
3	Tree Plantation at Jainakwadi	07/10/2023	21	View File
4	Tree Plantation at Saskal	10/02/2024	26	View File
5	Plastic Free Campus Drive	01/10/2023	50	View File
6	E-Waste Collection Drive	23/01/2024	107	View File
7	Yoga Day Celebration	21/06/2023	104	View File
8	World Environment Day	02/08/2023	25	View File
9	World Coconut Day	02/09/2023	48	View File
10	World Food Day	14/10/2023	32	View File

11	World Sparrow Day	20/03/2024	38	View File
12	International Forest Day	21/03/2024	53	View File
13	Environment Awareness Project	21/08/2023	114	View File
14	Eco-friendly <i>Ganesh</i> Idol Making Workshop	16/09/2023	35	View File
15	Oxygen Park Plant Workshop	10/10/2023	42	View File
16	Millet: Hidden Treasure of India	25/01/2024	30	View File
17	Preparation of Models from Plant Parts	27/01/2024	23	View File
18	Guava Cultivation	10/02/2024	24	View File
19	Medicinal Plant Distribution	10/02/2024	20	View File
20	Organic Farming	26/02/2024	58	View File
21	Night Sky Observation	03/02/2024	100	View File
22	Visit to <i>Krushik</i> Exhibition	20/01/2024	16	View File

Best Practice-II

Title of the Practice: Women Empowerment

I) Objectives of the Practice:

1. To educate and provide ample opportunities to girls in curricular and extracurricular activities.
2. To give equal opportunities to girls in various committees/clubs/cells/student councils/academic and bodies of the college
3. To instill respect for women and understanding the value of women's empowerment.
4. Providing counseling on health, gender equality, and safety awareness to girls, teachers and women staff of the college.
5. To extend financial help to the needy girls as well as valuing the participation of female workforce in the college.
6. To persuade society to preserve gender equality and save the girl child.
7. To create equality for women and the eradication of gender inequity.
8. To establish a free and healthy environment for ladies on campus.

II) The Context:

Providing quality education and maintaining gender equity are necessary tools for a healthy human society. It is the prime function of every educational institution to contribute to the welfare and the betterment of a society. Empowering women through education is a key to upliftment of a society. An educational institute can contribute to the sustainable development by

equipping girl students with more skills and knowledge. Increasing women's access to education frees them from many restrictive social norms such as domestic and sexual harassment, dowry, early marriage, and unwanted pregnancies.

To raise the position and dignity of women, the college has been engaging in a variety of campaigns for women's empowerment. There are many programs conducted by the college for health and safety of women on the campus. The college makes sincere efforts to on women's empowerment, personality development, and employment.

III) The Practice

Women Empowerment is one of the principal activities carried out in the college with an aim to help girl students to accomplish important goals in their career. The college strives to empower girl students and faculty. It is engaged in enhancing the understanding women's issues and to make the college campus a safe place for girls and women and to address the practical issues related to the welfare and equal opportunities for Women faculty, staff, and students. The following initiatives are taken by the college for women empowerment.

A) Infrastructural Development:

1. Safety and Security:

The college gives top priority to make the college campus safe and secure for all. In our campus we provide safety and security facilities through CCTV surveillance utmost of the places such as class rooms, central library, parking, administrative building, hostels, laboratories and corridors. The college has appointed four male and two female security guards in the campus. The institute is fully equipped with fire safety mechanism ensuring the safety and well-being of all individuals in the premises. Fire extinguishers are installed at corridors of all the buildings for safety against fire hazard.

2. Hostels for Girls and Working Women:

The college has five women's hostels on the campus, four for students and one for working women with capacity of 1000 and 30 respectively. All these hostels are well furnished with the facilities like security, well managed and hygienic mess, RO drinking water, recreational hall with television and newspapers, indoor and outdoor sports facility, health center with first aid kit.

3. Health and Hygiene facility: The girls' common room is made available for girl students to take rest and other personal and medical needs. It is provided with washrooms, dressing mirrors, newspapers. Availability of 'sanitary pads vending machine' and 'disposal machine' are ensured in the common room. There are two female attendants who ensure safety of girls and also maintain

cleanliness in the common room. This room is located in on ground floor itself for better and easy access.

4. Women Empowerment Cell:

The college has constituted Women Empowerment Cell to address the issues of girl students and women staff. The Cell seeks to develop a gender-sensitive community on campus as well as in the larger community. Its members are both college faculty and students. Through this cell the college has organized some online activities like International Women Day, Psychological Counseling, Health Awareness programs etc. The syllabus of various courses included topics on gender equality, leadership, and women empowerment. Guest lectures, workshops and group discussion have been arranged to motivate the girl students.

IV) Problems Encountered

Problems being faced and resources required in organizing these activities for development of girls' personality are as follows:

- a) Considering, the strength of the girl-students enrolled in the college, it was difficult to get all girl-students involved in these programs.
- b) Orientation programs need to be organized to increase their participation and involvement.
- c) Lack of awareness about the health, safety, rules, regulations and laws among the girl students.
- d) Existing educational infrastructure and quality of education is insufficient in addressing the issue of women empowerment.

V) Resources Required

Teachers, support personnel, and college management all took part in the entire event in a sincere and active manner. An effort has been made to provide female students the same preference as male students while applying for various courses. There are numerous female professors working in all the college's departments because the institution has a strong anti-discrimination policy. To ensure student safety, the college has installed surveillance cameras across the campus. Another important requirement for the resources was the funding necessary to put in place a variety of programs and amenities for the girl students. A considerable sum of money from the management's corpus must be set aside for this project.

VI) Evidence of Success

The purpose of Women Empowerment programs organized in the college is to encourage the girl students to actively participate in all the curricular and extra-curricular activities run by the college. The college strives to make them physically, mentally and emotionally strong and sound. The programs organized for women upliftment resulted in the following:

- i. The activities benefit the students, especially the girls. There is increase in the admission of girl students.
- ii. Programs on gender sensitization, physical wellbeing, women safety workshops etc. help in the overall development of the necessary personal, social, and professional skills of girl students.
- iii. Increase in the awareness of health-related issues and their remedies among the girl students.
- iv. Sharp increase in the girls' participation in sports and cultural activities of the college.
- v. Heightened awareness on sex education and gender sensitization
- vi. Girl students learn about their rights and laws.

List of the programs organized under Women Empowerment (2023-2024)

Sr. No	Name of the Activity	Date	Participants	Link
1	<i>Financial Planning need of Hour</i>	23/08/2023	62	View File
2	<i>Embrace Equality: Women's Equality Day</i>	31/08/2023	34	View File
3	Guest Lecture on <i>Beauty Enhancement and Modern Treatments</i> by Dr. Rachana Solnkar, PGDEME Pune, Baramati Dist.Pune	15/09/2023	250	View File
4	One Day Workshop on <i>Health and Hygiene for Girls</i>	10/08/2023	121	View File
5	One Day Workshop on <i>Gender Sensitization</i>	23/02/2024	46	View File
6	Workshop on <i>Be a Stress Smart and Smile Brighter, Live Brighter</i>	27/02/2024	84	View File
7	Savitribai Phule Birth Anniversary Seminar on <i>Women Empowerment</i>	03/01/2024	150	View File
8	Indian Constitution and Women Rights	15/03/2024	34	View File
9	Online Guest Lecture on <i>Women Empowerment</i>	18/03/2024	45	View File
10	One Day Workshop on Relationship Management	04/03/2024	106	View File
11	Seminar on Me Inside Me	07/03/2024	23	View File
12	Seminar on “ जपुयामानसिकस्वास्थ्य”	08/03/2024	150	View File

13	<i>Nirbhay Kanya Karyshala</i>	12/01/2024	480	View File
15	Workshop on <i>Women Empowerment</i> for Non Teaching Staff	09/12/2023	17	View File
16	Guest lecture on <i>Protecting Mental Health</i>	09/03/2024	107	View File
17	Guest Lecture on <i>Gender Inequality</i>	25/09/2023	75	View File

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