

# BEST PRACTICE

## I. ACEDEMIC PRACTICES


### A. Remedial Booster classes

1. **Title of the practice:** Remedial Booster classes
2. **The context:** It is a general phenomenon that every population has a mix of achievers and under achievers as per their capability. All Departments of our institution have designed a mechanism to identify the under achievers and potential achievers. The identified underachievers and the students who missed their regular classes due to some compulsive reasons, like participation in games, activities, and adverse health conditions, are subjected to remedial classes. Similarly, the identified potential achievers are supported through booster classes.
3. **Objectives of the practice:** This programme is designed to achieve the following objectives:
  - To compensate the study loss due to various reasons.
  - To improve the academic achievement of the students.
  - To promote self-learning among students.
  - To motivate the students for excellence in their scholastic and co-scholastic
  - To provide conducive competitive environment.
4. **The Practice:** The class mentors identify under achievers and potential achievers amongst the students based on the classroom interaction, performance in mid-semester and end semester evaluations from their respective classes. We have a large number of sports wing students, who have to attend national camps for their preparation and participation at the cost of their regular studies. Remedial classes are organized in every semester to compensate the study loss of all such students. During these classes, the subject teachers organize special sessions in the form of supervised study and assignments. The identified potential achievers are subjected to booster classes. In these classes special learning material, in the form of e-resources, reference books and journals, is provided. They are also encouraged for peer learning through group discussions and projects.
5. **Obstacles faced if any and strategies adopted to overcome them:** Readiness of faculty to take up additional responsibilities and extra work load. Once the practice was started, the good rapport with students leads to the intrinsic motivation of the faculty.
6. **Evidence of Success:** University results of such students improved drastically

### B. Increasing employability of students by honing soft skills

1. **Title of the Practice:** Increasing employability of students by honing soft skills
2. **Objectives of the Practice:** To make the students more employable by



  
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improving their interpersonal and soft skills

3. **The Context:** In the present times, being qualified is not the only criterion which can lead a student towards a fruitful employment. The employers look for other aspects of personality besides the knowledge and qualification of the employee. In this context it is necessary that the student be proficient over language especially English, proficient in computer skills as well as have certain qualifications give him/her an edge over others.
4. **The Practice:** The following practices have been adopted to fulfil these goals for our students:
  1. Regular guest lectures, debates and group discussion on various issues pertaining to society like women empowerment, gender sensitization, social inclusion, ethics, communal harmony, corruption etc.
  2. Regular and mandatory participation in class presentations, public speaking and cultural activities to inculcate confidence.
  3. Regular exposure to industry, institutions, and establishments relevant to the subject in order to improve the overall thought process of the students.
  4. Regular monitoring of problems of students of reserve categories and minorities by the UGC SC/ST Standing Committee.
  5. Equal opportunity for girls to participate in all college events.
  6. Regular organization of various seminars, cultural and sports events for the exposure of the students.
  7. Regular conduct of a Placement and Counselling cell to help students in securing skills for employment.
5. **Evidence of Success:**
  1. Regular placements of our students in various organisations.
  2. Increase in the number of students participating in various cultural and sports activities.
6. **Problems Encountered and Resources Required:** With the help of staff and students the problems seemed very small and insignificant

**C. QR Coding for Trees and Plants at the campus of Shri Jayendrapuri Arts and Science College, Bharuch**

1. **Title of the Practice:** QR Coding for Trees and Plants at the campus of Shri Jayendrapuri Arts and Science College, Bharuch
2. **Objective:** To enhance plant identification and education through QR codes.
3. **Methodology:**

\* **Survey & Data Collection:** Identify and document all plant species on campus. Collect botanical names, common names, family, origin, and unique



  
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characteristics.

\* **QR Code Generation:** Create unique QR codes for each species, encoding the collected information and potentially links to online resources.

\* **QR Code Placement:** Attach durable QR code labels to clearly visible locations near each plant.

\* **App Development:** As a future plan, Create a mobile app for scanning QR codes To get plant information.

### 3. **Benefits:**

\* **Improved Identification:** Easy and accurate plant identification for students, faculty, and visitors.

\* **Enhanced Learning:** Interactive learning platform for botany and environmental science.

\* **Biodiversity Awareness:** Increased awareness and appreciation of campus biodiversity.

### 4. **Challenges:**

\* **Maintenance:** Ensuring long-term durability and accuracy of QR codes and information.

\* **Funding:** Securing resources for materials, printing, and potential app development.

### 5. **Conclusion:**

Implementing QR codes will transform the campus into an interactive learning environment, fostering a deeper understanding and appreciation of plant life.

Note: This is a brief overview. A detailed report with specific implementation steps and a comprehensive budget is recommended.


### 6. **News coverage :**

<https://tv9gujarati.com/gujarat/digitization-of-hundreds-of-trees-in-gujarat-one-click-will-tell-the-benefits-1014657.html>

The practice aims to improve plant identification and education at Shri Jayendrapuri Arts and Science College, Bharuch. It involves surveying and documenting plant species, creating unique QR codes, placing them near plants, and developing a mobile app for scanning them. Benefits include improved identification, enhanced learning, and increased biodiversity awareness. Challenges include maintenance and funding. Implementing QR codes will transform the campus into an interactive learning environment.

## II. Health Hygiene and Wellness



  
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**A. Health**

❖ **Health Checkup**

1. **Title of the Practice: Health Checkup**

2. **The context:** Bharuch is semiurban covers tribal areas. Majority students are from various tribal areas. Many girls students require care of health-nutritious issues. This practice is most essential for nation capacity building.

3. **Objective :** Aware students about their health issues and provide them proper treatment, medicines, psychological counselling and guidance.

4. **Methodology:** A. Medical Checkup Camp

Primary health checkup of all the students admitted in the first year of F.Y.B.A. and B.Sc. at Shri Jayendrapuri Arts and Science College, Bharuch. In the first session, a primary health checkup was organized on 06/11/2023 and 07/11/2023 for two days and in the second session, a primary health checkup was organized on 13/02/2024 for one day, in which 720 students were checked for primary health during the first session, in which 400 male students and 320 female students were checked for primary health and in the second session, 161 students were checked for primary health, in which 109 male students and 52 female students were checked for primary health. Necessary medicines, vitamins and iron tablets were provided free of cost to the needy students wherever they were found to be in need.

The above camp was conducted by the expert MBBS doctor and his team with Collaboration of Rotary Club of Bharuch, Inner Wheel Club Of Bharuch & District Health Office, and Kiran Hospital, Surat at Shri Jayendrapuri Arts and Science College, Bharuch. A total of 881 students participated in it.

❖ **Thalassemia Check-up Camp**

A joint initiative of Shri Jayendrapuri Arts and Science College, Bharuch, and Indian Red Cross Society, a program on Thalassemia Test was organized on Thursday, 03/08/2023 at 10:30 am in the New Seminar Hall in which the Chairman of the Student Council, Dr. B.B. Dhiwar, was present. And Jayantibhai Vanad and Amitbhai Patel, who came from Indian Red Cross Society, Ahmedabad, were present. In This Thalassemia Check-up Camp 41 male and 120 female students of the college gave their samples for Thalassemia test and counseling was done based on the report of the students who got tested.

❖ **Breast Cancer Awareness Programme :**

On 11/12/2023, a breast cancer awareness campaign was organized by the joint initiative of Shri Jayendrapuri Arts and Science College Bharuch and Aashirvad Foundation, Bharuch. This program was organized only for girls students of this college. This program was started by lighting the lamp according to Indian tradition. In which the Principal of the college Dr. N.B. Patel had presented his views on the increasing incidence of breast cancer and the primary symptoms, after which Jhanvi Darshan of Aashirvad Foundation, through PPT, gave the most emphasis on the fact that breast cancer occurs and if it does, information was given about the symptoms of breast cancer, the cost of its treatment and the hospitals that provide treatment for breast cancer in Gujarat, etc.

482 student were present in this program and all the staff of Shri Jayendrapuri Arts and Science College were also present.



  
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## B Hygiene

1. **Title of the Practice:** healthy and hygiene environment
2. **Aim :** Healthy and hygiene environment As part of our ongoing commitment to promoting hygiene and a healthy environment, we organized a comprehensive cleanliness drive. This initiative aimed to raise awareness about the importance of cleanliness and to actively engage our community in maintaining a clean and hygienic environment.
3. **Objectives :** To educate participants about the significance of cleanliness and hygiene.  
To involve students, staff, and community members in hands-on cleaning activities.  
To foster a sense of responsibility and community spirit among participants.
4. **Activities Conducted**  
Awareness Campaign: We kicked off the drive with an awareness campaign, including informative sessions on the benefits of cleanliness and hygiene. Posters and flyers were distributed to spread the message.  
Community Clean-Up: Participants were divided into teams and assigned specific areas for cleaning. Equipped with gloves, masks, and cleaning supplies, they worked diligently to clean streets, parks, and public spaces.  
Waste Management: Special attention was given to proper waste segregation and disposal. Separate bins for recyclable and non-recyclable waste were provided, and participants were educated on the importance of recycling.  
Tree Plantation: To complement the cleanliness drive, a tree plantation activity was organized. Participants planted saplings in designated areas, contributing to a greener environment.
5. **Feedback and Reflection:** After the clean-up activities, a feedback session was held where participants shared their experiences and reflections. This helped in identifying areas for improvement and planning future initiatives.
6. **Impact :** Increased Awareness: The drive successfully raised awareness about the importance of cleanliness and hygiene among participants and the broader community.
7. **Enhanced Community Engagement:** The active involvement of students, staff, and community members fostered a sense of unity and collective responsibility.
8. **Cleaner Environment:** The immediate result was a visibly cleaner and more hygienic environment in the areas covered by the drive.
9. **Sustainable Practices:** The emphasis on waste segregation and recycling encouraged participants to adopt sustainable practices in their daily lives.
10. **Conclusion :** The cleanliness drive was a resounding success, achieving its objectives and making a positive impact on the community. We are committed to continuing such initiatives to promote hygiene and environmental sustainability.

## C Wellness

1. **Title of the Practice:** Yoga and SuryNamaskar
2. **Context :** As part of our commitment to promoting health and well-being, we organized a series of wellness activities focused on yoga and Suryanamaskar. These activities aimed to enhance physical fitness, mental clarity, and overall well-being among participants.



  
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**3. Objectives :**

- To promote physical fitness and flexibility through yoga and Suryanamaskar.
- To encourage mindfulness and stress reduction practices.
- To foster a sense of community and collective well-being.

**4. Activities Conducted**

**Yoga Sessions:** Regular yoga sessions were conducted by certified instructors, focusing on various asanas (postures) and pranayama (breathing exercises). These sessions helped participants improve their flexibility, strength, and mental focus.

**Suryanamaskar Practice:** Special sessions were dedicated to practicing

Suryanamaskar (Sun Salutation), a sequence of yoga postures that provide a comprehensive workout for the body. Participants learned the correct techniques and benefits of each posture.

**Mindfulness and Meditation:** Alongside physical exercises, mindfulness and meditation sessions were held to promote mental well-being. These sessions included guided meditation, relaxation techniques, and mindfulness practices.

- 5. Workshops and Seminars:** Workshops and seminars on the benefits of yoga and holistic wellness were organized. Experts shared insights on how to incorporate yoga and mindfulness into daily routines for a healthier lifestyle.

- 6. Community Engagement:** The activities were designed to foster a sense of community among participants. Group sessions and interactive activities encouraged participants to support and motivate each other in their wellness journeys.


**7. Impact**

- **Improved Physical Health:** Participants reported increased flexibility, strength, and overall physical fitness.
- **Enhanced Mental Well-Being:** The mindfulness and meditation sessions helped reduce stress and improve mental clarity.
- **Community Building:** The activities fostered a sense of community and collective well-being, encouraging participants to continue their wellness practices together.

- 8. Conclusion :** The wellness activities focusing on yoga and Suryanamaskar were highly successful in promoting physical and mental well-being among participants. We are committed to continuing such initiatives to support the health and wellness of our community.

All above data of practice II is tabulated below




  
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Health Activity	Date	Girls Students	Boys Students	Total Students	Collaboration	Remarks
Primary Medical Checkup Camp I	06/11/2023 & 07/11/2023	320	400	720	Rotary Club of Bharuch , Inner Wheel Club Of Bharuch & District Health Office	Free medicines, Vitamins-Iron Tablets are given free of cost Who are required
Primary Medical Checkup Camp I	13/02/2024	52	109	161	Kiran Hospital, Surat	Free medicines, Vitamins-Iron Tablets are given free of cost Who are required
Thalassemia Checkup Camp	03/08/2023	120	41	161	Indian Red Cross Society And Inner Wheel Club Of Bharuch	Analysis Is given in separate table below
Breast Cancer Awareness	11/12/2023	482	NO	482	Ashirvad Foundation	Awareness and Guidance




  
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**Thalassemia Checkup Analysis**

Sr. No.	Result	Female	Male	Total
1	Iron Deficiency Anemia	02	0	2
2	Negative for typical beta Thalassemia Minor	107	30	137
3	Opinion reserved	0	0	0
4	Suggestive of(a) Compound Heterozygous for Sickle Cell and Beta Thalassemia (b) Sickle Cell Disease ?	0	0	0
5	Suggestive of Delta Beta Thalassemia Trait	0	0	0
6	Suggestive Of sickle cell trait (With more Alpha Thalassemia genes.)	12	05	17
7	Suggestive of sickle cell trait	1	1	2
8	Suggestive of typical beta thalassemia Minor	3	0	3
<b>Total</b>		<b>125</b>	<b>36</b>	<b>161</b>



  
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