

Criterion 7 – Institutional Values and Best Practices

- **7.1.1**
Annual gender sensitization action plan / Specific facilities provided for women :

Measures initiated by the Institution for the promotion of gender equity during the year.

Our institution has always promoting the idea of gender equality by giving equal consideration to both boys and the girl students with respect to their identity and personality to be expressed on equal platform. Our college also promoting and following the idea of gender sensitization among the students. . Our college constitutes the “Vishakha Committee” / Internal Complaints committee for the safety and wellbeing of the girls students. Our Institute conducts orientation programs for the newly admitted students for various courses and also on gender sensitization to educate the students on these issues when they enter the campus to pursue their degrees in different streams.

Apart from this our girl students from the various department has an equal opportunity to participate in the Sports, cultural, social, academic programs or event organize by the departments or by the college. They worked as class representatives, also as a part of social activities our girl students organize street play organized Every year on the occasion of 15th August & 26th January. In the academics, they participated and work jointly with the boys in the project groups, seminars, participate in various technical events organized by the department

College has common room for girls also have a separate girl hostel facility. Counseling is provided for every girl student in the department through Student - Mentor / Class Teacher scheme. Girl Students Equally Took Part in NSS Camp every year.

- **7.1.3**

Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste:

Our institution has deep concern to protect environment, health and well-being through implementation of effective waste management practices such as segregation, recycling, and composting. Promoting the consciousness of generating less waste among students, staff and faculty members has also been adopted. Our house keeping staff, gardeners and sweepers help in segregation of waste.

It is segregated at source and collected by the sweepers to dispose off properly to the dumping yard. Waste like plastic, metals, glass, cardboard, newspaper and stationery are systematically collected, segregated. Our institute works on paperless concept by digitization of office procedures through electronic means via WhatsApp, email which helps thus in reducing paper-based waste and ultimately reduce carbon dioxide emissions. Use of paper printed on one side is encouraged in sending fax, print drafts before final document, meeting minutes, and notes in office practices as environmentally preferred alternative to waste management to reduce pollution. Students are encouraged to use waste paper and newspaper in creative practices during various extracurricular activities such as Wall Magazine, Waste to best etc..

Trees waste such as dried leaves and plant clippings is collected from all around the campus and used for composting, compost so produced is used in organic farming. Institute provides Dustbins which have been installed throughout campus for waste segregation.

- **7.1.8**

Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities:

Our institution believes in equality of all cultures and traditions as is evident from the fact that students belonging to different caste, religion, regions are studying without any discrimination. Though the institution has diverse socio-cultural background and different linguistic, we do not have any intolerance towards cultural, regional, linguistic, communal socio economic and other diversities. With great enthusiasm the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri celebrated every year.

In our college teachers and supporting staff, students jointly celebrate the cultural and regional festivals, like traditional day, teacher's day, orientation and farewell program, Induction program, rally, plantation, Youth day, Women's day, Yoga day, etc. religious ritual activities are performed in the campus. Motivational lectures of eminent persons of the field are arranged for all-round development of the students for their personality development and to make them responsible citizens following the national values of social and communal harmony and national integration.

In our institute , under Unnat Bharat Abhiyaan (Under Ministry of HRD)- we Adopted 5 villages in our region to conduct activities for their socio-economic development. Institute has conducted various programs in these villages for increasing their environmental and ethical awareness. Our department of chemical engineering have conducted social program for testing the quality of drinking water available in the college nearby villages.

- **7.1.9**

Sensitization of students and employees of the Institution to the constitutional obligations: values, rights, duties and responsibilities of citizens:

Our institute organizes various programs for the promotion of Constitutional values, rights, duties, and responsibilities of citizens, which are aimed to familiarize about Fundamental Duties and Rights.

We celebrates Independence Day on the 15th of August and 26th of Jan on every year. The day marks the importance of freedom and independence, on this day, Flag hoisting ceremony is organized followed by recitation of the National Anthem.

Our Institute organizes several programs that are aimed at the promotion of various constitutional rights, duties, and responsibilities of citizens. our Institute organizes a Covid Vaccination Camp, Blood Donation Camps in our college campus. Many teachers and students actively participate in the event to ensure that precious lives are saved. Our institute also celebrates Women Day to mark the achievements of women throughout the history. Similarly we celebrates World Environment Day on the 5th of June every year to ensure the Environmental concern. Similarly, our institute organizes a *Swachch Bharat Abhiyan "Cleanliness Drive"* in our college campus. The drive is aimed to promote the importance of cleanliness. Hence in this way, we ensures that the Constitutional values, rights, duties, and responsibilities of citizens are promoted and served.

- **7.1.11**
Institution celebrates / organizes national and international commemorative days, events and festivals:

Celebration of Independence Day, Republic day, International Yoga Day , Innovation Day (Dr.A.P.J Abdul Kalam's birth anniversary), International Womens Day, Engineers Day. Indian constitution day

With great enthusiasm the national festivals, birth anniversaries and memorials of great Indian personalities like Mahatma Gandhi, Dr. Bhimrao Ambedkar, Sarvepalli Radhakrishnan, Lal Bahadur Shastri celebrated every year.

Our Institute celebrates the birth anniversary of our Founder president Hon Dr. Panjabrao alias Bhausaheb Deshmukh from 25 Dec to 27 Dec 2020 by organizing various students as well as faculty activities during the event.

CAMPS & CELEBRATIONS				
YOGA Day	21 June 2020			
No Vehicle Day / Swachchha Bharat Abhiyan / Green N Clean Campus 22 June 2020 & 21 December 2020				
Parent's Meet	In the Month of August 2020 & January 2021			
Teacher's Day	05 September 2020			
Engineer's Day	15 September 2020			
Vachan Prerna Din	15 October 2020			
Dr. Panjabrao alias Bhausaheb Deshmukh Birth Anniversary Celebration 25 December 2020 Wednesday To 27 December 2020 Friday				
YUVA Din	12 January 2021			

- **7.2.1 :**
Describe two best practices successfully implemented by the Institution as per NAAC format provided in the Manual.

Best Practice No.1:

Title: TWO DAYS WORKSHOP FOR CHEMICAL ENGINEERS on “REMOTE & VIRTUAL LABS IN ENGINEERING and Hands on Training “ Dr. Sameer Kale, & Prof. Santosh Khandgave BITS PILANI on date 27 /07/2020 & 28/07/2020

- Goal:** 1) To improve technical Awareness in the students regarding the virtual operation of the Laboratory equipment's
2) In view of the COVID Pandemic to teach and conduct the virtual practical's .

Context: Total 48 students along with the 10 staff members were participated, each consisting of students from second, third and final year from Institute.

Practice: The Workshop Includes:

Day 1: Theoretical explanation of the laboratory equipment's and their procedure of handling

Day 2: Actual Hands on the instruments and conduction of the practical's

Evidence of Success:

Students Participated in live demonstration of the laboratory equipment's and know how to handle and perform the experimentation virtually in Industries as well as in lab practice.

Problem Encountered:

- 1) Limitation on the no of students to perform the session at a time since limited access is possible
- 2) Due to a new experience students are struggling regarding the practice.

Best Practice No.2:

**Title: Workshop on “Rocket and Missile Technology”. by
Mr. Deepak. D. Deshmukh, (Scientist ‘F’)
Associate Project Director & Deputy Gen. Manager
R & D, DRDO, Pune,**

Goal: 1) To improve technical Awareness in the students regarding the rocket and missile technology
2) To aware the students regarding the scope & significance of the technology in the students.

Context: Total 100 students along with the 10 staff members were participated, each consisting of students from second, third and final year from Institute.

Practice: The Workshop Includes:

Session 1: Training on the Rocket and Missile Technology

Session 2: Discussion and Question session.

Evidence of Success:

Students Participated in live demonstration of the technology.

- **7.3.1 :**

Portray the performance of the Institution in one area distinctive to its priority and thrust within.

In full obeisance to the vision and foresight of Dr. Panjabrao alias Bhausaheb Deshmukh, this institute will strive tirelessly to educate and qualify the students from all the strata of the society, who are future engineers and technocrats, to take up challenges of modern era so that they are nationally and globally accepted in the application of their skills and knowledge to the benefit and development of the society.

- The majority students are from farming families taking education in our institute. We have maintained such an environment in the institute that these students feel comfortable and they feel proud that we are learning in the institute run by Shri. Shivaji Education society which is having very high moral values.

- We maintain the environment in our institute such that the students from higher social/economical class and backward class get equal opportunity to grow. This institute is a good example of harmony between the students of various classes.

- We also ensure that the student get placement and entrepreneurship after completion of their degree so that their family should get financial support. This helps the family to uplift their economic status and help them to give quality education to their other children.

- Institute give opportunity to every student as per his intellectual requirement. The students are given exposure with outside world by arranging industrial visits and site visits. They are also sent for industrial training.
- The training courses and soft skill programs are arranged to make the students employable. Hostel facility, bus facility is provided to the student at very reasonable rate.
- Activities like Sports, cultural activities, various technical clubs, and National social scheme are carried out throughout the year for overall development of students.
- The NSS activities develop social awareness in the students. This makes the student sensible. All the efforts are taken by institute to prepare the students to take up challenges of rapid changing world.
- Competitive edge is provided to the students by arranging Expert talks, Workshops, Conferences ,Gate Forum etc.

Also the Vision of the Institution is to mold and empower students in the pursuit of knowledge, values and social responsibility and help them achieve excellence in various fields, thereby also preparing them to face global challenges. The Institution as never faltered in Inspiring the students in the pursuit of knowledge, values, and social responsibility by allowing the students to organize events to develop their skills, multidisciplinary project development, Entrepreneurship development, Ethical and Human value development.

(a) **Skill Development:** The Institution arranges skill enhancement programs to develop their skills for example – Personality enrichment, Employability skill development, Entrepreneurial development, Language skill development etc.,

(b) **Projects:** Students at the UG and PG degree courses take up Internships in industries and pursue their projects which gives them hands on training in their field of interest.

(c) **Entrepreneurs Development:** ED Cell crucially works on generating the excitement in the young brains to produce innovation and thus laying the stones for entrepreneurship. Budding entrepreneurs are motivated for start ups and thus are self-sufficient and independent financially and can either support their education or family.

(d) **Ethical and Human value Development:** Ethical values is the foremost interest of the institution, Students are motivated to visit orphanages, old age homes, Cancer institutes and serve the local adopted school or village through NSS. Students have never been insensitive to the social crisis during the natural devastations..