

Best Practice-1

Title of the Practice: - 'Women Development Cell '.

Goal: - To promote gender equality conscience among girl Students & village people.

Aim:-To increase the strength of girl students in the institute.

Women development cell is statutory body for the prevention/action against sexual harassment of women. It looks into the grievances /complaints of Teaching, Non-teaching staff and students especially in cases of gender discrimination.

As per the guidelines of university, WDC is working nicely in the institute. It organizes workshops, seminars and talks to convey the message of gender equality. It also works for increasing the social awareness among students through Posters/Slogans /Essay/ Rangoli competition.

Objectives:-

- To increase awareness about laws, rights, and opportunities in education.
- To develop self-respect.
- To increase respect towards women.
- To increase the strength of girl students in the institute.
- To increase physical Strength through Karate & Self defense technique
- To promote research in improving woman status.
- To empower the girl students and ladies staff members of the college and make them stand firmly in their lives.
- To encourage girl students to adopt self-employment by acquiring required skills through Skill Based Short-Term Courses run by the college.
- To make all the girl students aware of health, hygiene and care to be taken.

❖ The Context:

Equal educational opportunities to all and gender sensitization being one of the cross cutting issues have been the pivotal areas of higher education. But age old patriarchal system, growing cases of sexual harassment over the years, women's safety, their socio-economic backwardness, negligence of basic human rights to women, etc. are the root causes behind the pathetic status of women in our country. Women are deprived of educational opportunities and equal justice in walks of the life. Unfavourable conditions rampant in the society prevent the girl students to pursue higher education and better careers. Hence, by keeping in view the miserable status of women in the region, the college adopted the best practice of Women Empowerment and gender sensitivity to cherish betterment of the deprived section of the society through orientation and organization of activities supporting the same. Basic purpose behind the activities carried under the practice is to open an array of avenues and opportunities for girl students to attain personal progress and excel in professional life.

The fundamental goal of this practice is attain empowerment and enlightenment of all the woman stakeholders of the college through self-awareness and realization by providing them all possible space and opportunities. Gender equality, women's safety and their empowerment has been one of the area of concern nowadays. Timely orientation on the same is the key to prevent mishaps caused by the anti-social groups/forces. The college believes that there is no tool of national development other than the Women empowerment. When girls and women have adequate education, rights, space and opportunities, their families, communities and ultimately the nation prosper.

The Practice:

The college has formulated a separate Women Development Cell along with the statutory committees such as Anti-ragging Committee and Anti-Sexual Harassment Committee for the effective planning and execution of the practice. The cell strives for the conducive milieu for girl students on college campus, their overall development and guaranteed active involvement in different activities. The practice also aims at the discipline to be maintained on the college campus which is one of the requisites for smooth functioning of the college.

Women empowerment and Gender Sensitivity include following components:-

- Safety of girl students on and off the college campus
- Awareness about Health and Hygiene.
- International Women Day Celebration
- Organization a Gender Equity Lecture
- College offers Skill based short term courses for girls students
- Involvement in co-curricular and extra-curricular activities.
- Participation of girl students in sports, NSS, DLLE, Cultural, etc.
- Awareness about the special provisions made by law.
- To Provide redressal mechanism for the grievance or compliance for the girls.

❖ Implementation:-

Girls common room is well ventilated and has washrooms, dressing mirrors, Sanitary pad, vending machines with inclinor, first aid box etc.

There is suggestion/complaint box outside college office (Sakhi) where girls can give their suggestions to improve in all areas.

In case of illness girl students are taken to nearby Primary Health Centre, Nagothane for medical treatment accompanied by a lady teacher.

International Women Day was celebrated on 8th March 2019.

The various programmes arranged by WDC and Institute during the year 2018-19 are given below:-

1. Celebration of birth anniversary of Savitribai Phule & One day Workshop on Health and Hygiene.

On 3/1/2019, On occasion of Savitribai Phule Jayanti, Health & hygiene workshop is arranged. Information was given by Dr. Bharti, Medical Officer, from Nagothane. Hospital, Reliance Industries. She talked about Diseases like Aids, Breast Cancer, Cervical Cancer, personal hygiene etc.

Celebration of birth anniversaries of Late Smt. Anandibai Pradhan, Kranti Jyoti Savitribai Phule, and Mahatma Phule is arranged by Women development cell. Various competitions like elocution, poem reading, and research presentations were arranged by women development cell.

2. Gender equality program – Informative program awareness of against Domestic Violence:-

An informative lecture series about information against Domestic violence for girl students in college was arranged by women development cell and Z.P. Mahila Bal Vikas office, (Alibag Office) on 30/7/2018. Resource person for the above topic were safety officials-Shri Vinayak Mahdik, Mrs Dipti Ramrame, Shri Dilip Gade, Shrimati Chanchal Wijekar, Mrs. Kalpana Bharmbhe. Beneficiaries were 200 girl students.

3. Rangoli competition –

On Annual prize distribution day Rangoli competition was taken by WDC with Chemistry department on the topics of science like, nanoparticles, photosynthesis, global warming etc. Students of MSC Part I students participated in it and winners were given away the prizes. Other topics like national integration, yuva safety was also exhibited with Rangoli.

5. Celebration of international women's day

On occasion of international women's day WDC members visited Z. P Kanya Shala. Nagothane on 8/3/2019 and distributed notebooks and chocolates to girls in schools and scholarships were given to the special meritorious students. Dr. Sandesh Gurav, Mrs. Smita Choudhury Mrs Jyoti Prabhakar were present along with MSC students Miss Vaishnavi Kuthe and Mr Karan Kamble.

Evidence of Success:-

It is matter of pride that the efforts of Women Development Cell gave fruitful results and brought success stories for institution such as:

- ❖ The admission of girl students increased in the institute. The Total student count of the college is 490 in the year 2018-19. Out of these male count is 199 and female count is 299. There are there are 20 girls students doing there Post Graduation in chemistry.
- ❖ Parents of girls have started giving first preference to our institution in admitting their wards.
- ❖ The girls are motivated to join police force and also to pursue higher education.
- ❖ WDC took efforts to create the respects about the girls among the boys
- ❖ The facility of vending machine is being used and appreciated by girls
- ❖ Parents have faith in the secured and safe atmosphere of college campus.
- ❖ Student council has large representation by girl students.
- ❖ Ragging, Eve teasing/harassment is totally banned in the premises.
- ❖ Offenders will be punished.

Best Practice-2

Title of the Practice: **Research and Consultancy services**

Goal : To promote research.

Aim : To motivate students and faculties to enhance research activities for the benefit of community.

The following initiatives are taken up by the institute for promotion of research among student and community.

❖ The institute organizes project exhibition, research poster competition and invites the

School, Jr. college students and parents to convey the research findings.

❖ The institute organizes research poster presentation in the premises which is open for all.

❖ The institute organizes rangoli competition on “Green chemistry”.

❖ Following Consultancy activities are working in institute:-

Sr. No.	Research Finding	Activity	Place
1.	Air Pollution Monitoring	To check Air quality	MIDC Roha
2.	Water Quality Analysis	Physical and Chemical parameters	Nagothane
3.	Soil Testing	Soil Health Card	Nagothane and Bhomoli
4.	Fish Farming	Supplementary occupation for farmers	Nagothane
5.	Bio fertilizers	Organic farming	Nagothane
6.	Save Electricity	Optimum use of Home appliances, Use of Solar Energy and LED lights	Aamdoshi and Nagothane

❖ The Institute have received sanctioned of Rs. 800000/- for monitoring two NAMP points at MIDC Dhatav, Tal- Roha, Dist- Raigad, from Maharashtra Pollution control board.

❖ Our faculties have published 9 research papers and 37 papers are presented in National & International Journals along with the 3 number of MRPs.

❖ **To cope up with the increasing demand of infrastructure two new building are constructed.**

➤ By taking the consideration of increase in strength of students college has build up new buildings of dimension 1100 Sq. metre & a construction of one more building of dimension 300 Sq. metre will be started in future.

➤ In these new buildings four new Chemistry Laboratories are constructed.

❖ **The number of ‘MOU’ with Neighboring Chemical Industries ,Colleges & PHC centre ,MPCB, NICL are strengthen**

Our college has ‘MOU’ with following organization

A] Industries

1) Sadhana Nitro Chem. Ltd., Roha –Dhatav

- 2) Unichem Laboratories Ltd.,Roha –Dhatav
- 3) Vidhi Dyestuffs MFG. Ltd., Roha –Dhatav
- 4) Sudarshan Chemical Ind. Ltd., Roha –Dhatav
- 5) Neelikon Food Dyes & Chemical Ltd., Roha –Dhatav
- 6)Reliance Jio

B] Senior Colleges

- 1) K.E.S. Laxmi Shalini Women College, Pezari.
- 2) K.E.S. C.D.Deshmukh College, Roha.
- 3) J.S.M. College, Alibag.
- 4) P.E.S. Bhausahab Nene College, Pen.

C] Primary Health Centre

Primary Health Centre, Nagothane

D] Maharashtra Pollution Control board

E] Group Insurance of Student with National Insurance Company Limited

Industrial visits for UG & PG students are organized every year to give Industrial Exposure to the students.

Campus interviews are organized by the industries for the placement of students.

❖ **The strength of PG Course is increased to provide PG educations to maximum students.**

❖ **To organized state level seminar on various topics such as Science ,**

Safety of environment

❖ **Contribution to environmental awareness / protection**

- Micro-scale and green techniques are adopted in laboratory work wherever possible
- Tree plantation programme is organized by NSS unit of the college to make green and cool campus.
- Poster exhibition on eco-friendly Ganpati festival
- A rally was organized for the save tree campaign
- Street plays were organized on Social issues such as Industrial Waste management, Anti Plastic Drive, Protection of Girl Child, School Dropout & Child Labor.

