



## 1. BEST PRACTICE

### Title of Practice: - 'Women Empowerment and Gender Sensitivity in Community'

**Aim:** - Maintaining and strengthening the status of women.

**Objectives of the practice:** -

- ✚ To promote gender equality conscience among girl students, women employees & among society.
- ✚ Spreading awareness among the students about the social, legal and constitutional rights of women in order to prevent the exploitation based on gender and to encourage participation from NGO's and law enforcement agencies in this area.
- ✚ To provide for dialogue, discussion, and deliberation on woman's rights and gender related issues by organizing events and activities for women empowerment.
- ✚ To review safety and security measures for female employees and girl students in the college campus.
- ✚ To encourage female students to be self-reliant and economically independent by acquiring required skills through Skill Based Short-Term Courses run by the college.
- ✚ To promote research culture in improving woman status.

The institution's Women's Development Cell is a dynamic and persistently engaged effort to uphold and improve the status of women. Various academic, technological, medical, cultural, and social activities have been organized by it to advance women and highlight the significance of gender equality in society. The Women Development Cell is a statutory organization that works to prevent and stop sexual harassment of women. In particular, it investigates allegations of gender discrimination from students, non-teaching personnel, and teaching staff.

**The Context:** -

Women Empowerment and Gender Equality are the most important requirements for the enlistment and progress of our society. Equal educational opportunities to all and gender sensitization being one of the cross cutting issues 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 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. Unfavorable 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 areas of concern now a day. 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 women have adequate education, rights, space and opportunities, it will prosperity to their families, communities and ultimately the Nation.

#### The Practice:

In order to effectively plan and carry out the practice, the college has established a special Women Development Cell in addition to the statutory bodies like the Anti-ragging Committee and the Anti-Sexual Harassment Committee. The cell works to ensure the entire development of female college students as well as their assured active participation in a variety of activities. The practice also tries to uphold the campus's discipline, which is necessary for the college to operate efficiently and is one of its requirements.

The following elements are included in gender sensitivity and women's empowerment:

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

#### Implementation: -

The college have girls common room which is well ventilated and has washrooms, dressing mirrors, sanitary pad, vending machines with inclinor, first aid box etc. There is suggestion/complaint box (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 2022. The various programmes arranged by WDC and institute during the year 2021-22 are given below: -

**1. Online Webinar on- Beautiful flower making program**

Webinar on "Self-employment Skill Development - Bag Making" for S.Y. B. Sc students and faculty was held on August 11th, 2021 at 4:00 PM on the online platform, Microsoft Teams. Mrs. Neena S. Begumpure, of Neena's Creations in Pune, served as the resource. It was demonstrated how to make lovely flowers out of paper, cloth, etc., and many ways to use artificial flowers. Participants received e-Certificates. There were around 50 participating girls.

**2 Online Webinar on- Importance of Education for women empowerment**

For S.Y. B. Sc. students and staff, a webinar on the value of education was held on online platform on August 24, 2021, from 4:00 PM to 5:00 PM on the Microsoft Teams. Mrs. Kirty Mulye served as the resource person. Member NGO Indore. The participants profited from learning about gender equality.

**3. Webinar on - Health Advice with reference to the Post Covid – 19 situation**

Webinar on "Health Advice Regarding the Post-Covid-19 Situation" was organized for students and staff on Microsoft Teams on December 3, 2021, at 11:00 AM. Dr. Lakshmi Bharti, Medical Officer, Reliance Industries Ltd., Nagothane, was the invited speaker. During the webinar, a feedback link was posted in the chat box. On this Whatsapp group, a separate link was supplied for joining. A little over 60 pupil's benefited.

**4. Balika Din -Celebration -**

Balika din, Birth anniversary of Krantijyoti Savitribai Phule 3/1/2022 was celebrated in college. Notebooks and other school articles were distributed to girl students in G.R. Agarwal Primary School Nagothane.

**5. Online Webinar on- Laws of women's Safety- Celebration of international women day'**

Online Webinar for information about law topic-**Legal reliefs out of court** was arranged by WDC on 9<sup>th</sup> March 22. Resource person was Adv. (Mrs.) Sonal J. Jain. Adv. (Mrs.) Sonal J. Jain was discussed various matters in the court and suggested ways of legal reliefs out of the court, Students were benefited with it. 51 Participants solved the quiz and got certificate for it.



## 6. Celebration of International women's day 09-03 -2022-Poster presentation and speeches by students

On occasion of International women's day poster presentation and speeches were arranged on 9<sup>th</sup> March 2022. Mr. Akrosh Patil (M.Sc. Part I), Mr. Aditya Watve (T.Y.B.Sc.) delivered lectures on women's day and posters were exhibited by students. On this occasion Principal Dr. Sandesh S. Gurav was chief guest, Dr. D.V. Bhagat, HOD Chem. and S.D. Tupare NSS program officer were also present.

### 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 529 in the year 2021-22. Out of these, male count is 232 and Female count is 297. There are 28 girl's students doing their Post-Graduation in the subject chemistry.
- Avishkar Research Project entitled "Study and development of antimicrobial polyherbal hand wash" presented by student Miss Patil Manasi Naresh, T. Y. B.Sc. and Project entitled "Spinach paper: Agrofood based solution to increase calcium intake in daily diet" presented by student Miss Nikam Ruchika Dilip guided by teacher Dr. Smita T. Morbale has been selected for the final round and received certificate of merit. The competition was held by Department of student welfare, University of Mumbai by virtual mode.
- 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.
- Women-friendly campus and supportive learning environment is established.
- The facility of Sanitary Napkins Vending Machine is being used and appreciated by girls. The purpose is to promote safe and hygienic- sanitary practices among women and girls.
- Faith have been created among parents about safe and secured atmosphere of college campus.
- Student council has more representation by girl students.
- Ragging, Eve teasing/harassment is reduced completely in the premises.
- Offenders are punished from time to time.

Now-days, it has been found that girl students are in the merit of academics and co-curricular activities.



**Problems encountered and resources required:** Due to pandemic the students as well as staff were unable to interact with each other and resource persons face to face.

**Contact Details: -**

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PRINCIPAL  
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## 2. BEST PRACTICE

### Title: - Promotion of Research Culture

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

**Objectives: -**

- To enhance research among students and teacher of the institution.
- To facilitate community oriented project through outreach programmes.
- To encourage UG/PG students to organize / participate in seminars and conferences to unfold new areas of research
- To upgrade the library facilities toward research and development.
- To motivate students to undertake value added projects.

**The Practice: -**

The following practices are taken up by the institute for promotion of research among student, teachers and community: -

1. IQAC and Science Association Committee publishes science bulletin "Prerana" and organizes project exhibition, research poster competition, celebration of science day etc.
2. College organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students.
3. Rangoli exhibition on Green chemistry, Global warming and AIDS awareness has been organized as a social issue.
4. In the beginning of the academic year orientation programme for the students is organized to motivate them for research competition and projects.
5. Research committee conducts orientation programme for the teachers to encourage them for undertaking MRP's under University of Mumbai, DST, UGC etc.,
6. Teachers and students are encouraged to publish their research article in National/ International Journal of high impact factor.
7. Teachers and students are encouraged to attend conferences, seminars, workshops, etc.

**Implementation: -**

Institute has active research committee and it believes that research plays an important role in the growth of an institution. Under the guidance of research committee department of science streams such as Chemistry, Physics, Botany, Zoology has submitted





research proposals to the funding agencies such as UGC, DST and University of Mumbai. Proposal has been submitted Maharashtra Pollution control board for continuation of research collaboration for monitoring two NAMP points at MIDC Dhatav. Teachers and students are encouraged to participate in Avishkar Research Convention of University of Mumbai and National / International conferences. Teachers and students are encouraged to attend seminars, conferences/workshops. Financial support is given to them for their participation/involvement in such ventures. Teachers are encouraged to pursue M. Phil./Ph.D./Post-doctoral degree in their respective subjects under the motivation of IQAC and research committee. They are also encouraged to acquire recognition as research guides from University and process is initiated to start Ph.D. programme in respective subjects.

For collaborative research Placement and interaction with industries, institution form number of MOU's with pharmaceutical and chemical industries.

To facilitate research and research scholar's reference section in the Central Library is developed by

- Subscription of national/international research journals/periodicals.
- Provision of NLIST-INFLIBNET Programme to access online research journals.
- Provision of internet facility in labs and department

#### Evidence of Success: -

It is matter of pride that the efforts of IQAC and research committee gave fruitful results and brought success stories for institution such as:-

- ❖ As a result of this faculty of institution has got recognition as a teacher to guide Ph.D., M.Sc. by research, M. Sc. by papers under University of Mumbai.
- ❖ From last four years Dr. D.V. Bhagat has been nominated as a District coordinator for Avishkar research convention conducted by University of Mumbai.
- ❖ IQAC and Science association committee organizes research poster presentation of PG students in the premises which is open for UG students, Junior college students.
- ❖ One-day orientation program was organized for UG and PG students on 20/03/2021 to motivate student for participation at Avishkar Convention. Total 40 students involved in this program.
- ❖ Total number of students 28 participated at 16'th Inter collegiate/ Institute/ Department Avishkar Research Convention 2021-22 from which Project entitled "Study and development of antimicrobial polyherbal hand wash " presented by student Miss Patil ManasiNaresh, T. Y. B.Sc. and Project entitled "Spinach paper: Agro-food based



solution to increase calcium intake in daily diet ” presented by student Miss Nikam Ruchika Dilip guided by teacher Dr. Smita T. Morbale has been selected for the final round and received certificate of merit. The competition was held by Department of student welfare, University of Mumbai by virtual mode.

- ❖ M.Sc. II-year student Miss Ruchika Nikam participated at Selection round of Anvention student Research Convention 2021-22 held by university of Mumbai on 24/2/2022.
- ❖ Teachers and students are encouraged to publish their research article in National/International Journal of high impact factor and to attend conferences, seminars, workshops, etc., Faculties have published 13 research papers in National/International Journals. Out of that 3 papers published in web of science and Scopus indexed journals and remaining papers are published in UGC care listed and peer reviewed journals. With this inspiration of faculties, they visited and presented papers in National/International conferences.
- ❖ Department of science streams such as Chemistry, Physics, Botany, Zoology has submitted research proposals to the funding agencies such as UGC, DST and University of Mumbai. Out of that 4 research projects are sanctioned for Department of Chemistry at the outlay of Rs. 1, 60, 000/- by University of Mumbai.

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

Due to pandemic the students as well as staff were unable to perform experimental part of their projects/Research in laboratory.

#### **Contact Details: -**

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