



Founder



## MAHATMA GANDHI VIDYAMANDIR'S PHARMACY COLLEGE

**Approved by :** All India Council of Technical Education (AICTE) and Pharmacy Council of India, New Delhi;

**Recognized by :** Director of Technical Education, Mumbai and Govt. of Maharashtra,

**Permanently Affiliated to :** Savitribai Phule Pune University, Pune (CPHN017660)

NBA Accredited (B.Pharmacy), AISHE Code - C - 41939

### BEST PRACTICE 1

**1.Title of the Practice:** Continual efforts in strengthening research strategies

#### 2.Objectives of the Practice:

- To illustrate necessity of research and innovation.
- To motivate faculty and students for research-oriented thinking.
- To create supportive environment for research.
- To encourage students to undertake good quality research.

#### 3.The Context:

Necessity is the mother of invention. Every problem has a solution, if researched. Research strengthens current knowledge. In the current era of science and technology, available methodology is being taken over speedily by an advanced one. So research is a need of time and innovation should be part of our culture to find a solution to problems of current modern life. At our institute we turn the mindset of faculty and students to think critically and analytically. With this perspective research policy has been framed by institute to create supportive environment for research and encourage students to undertake good quality research. We support research culture through startup –innovation cell which is also linked to IIC and MoUs for collaborative research. All faculty and UG-PG students are encouraged to publish their research in UGC listed journals which provides authentic recognition to their research.

#### 4. The Practice:

- To illustrate necessity of research and innovation:

The students have been exposed to current industrial requirements through industrial visits in order to make students aware about the need for research and development. Start up and innovation cell has been established in college and students are encouraged to nurture innovative ideas through this cell. Stimulating lectures are arranged in this context. Invited guest lectures pertaining to specific research areas helps students for pursuing higher education. Lectures regarding awareness on various courses on higher education with details are arranged in college and students have been provided with recommendation letters for admissions in foreign universities.

- To motivate faculty and students for research-oriented thinking:
  - i. Research incentives given to faculty for publication of research papers in UGC care listed journals.
  - ii. Students are provided with sponsored projects which encourage them to undertake research.



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- iii. Faculty is supported with financial assistance to participate in various national, international conferences and training programs which helps them to enrich research orientation.
- iv. UG and PG students are motivated to present research in various conferences through poster and paper presentations.

- To create supportive environment for research:

Students are supported in research by sponsored or internship projects in hospitals and industry. The institute also takes effort in preparing ready to absorb candidates by allowing them to work in organizations outside the institute. Institute has signed different MOUs through which students are supported for required facilities for their research. Students are motivated and guided to participate in different scientific competition to present their innovative ideas and research done. The institute has two industry supported labs (Central Instrument Room and PG-Pharmacology lab)

- To encourage students to undertake good quality research:

Students are encouraged to think critically on various research problems including scientific and social issues. Innovative thought is discussed in start-up innovation cell and which is further encouraged to present idea or research in Avishkar, Hackathon, Eureka like competitions and publish research in good quality journals. Students are encouraged to select journals by searching in UGC care list.

#### 5. Evidence of Success:

Students received knowledge through guest lectures about various universities abroad and many of our students are placed in renowned, reputed foreign universities. This process was also assisted by recommendation letters given by faculty members. Research incentives, financial assistance and sponsored projects, MoUs have helped and motivated students and faculty for their research. Many students have published their research papers, posters and innovative ideas in various conferences and scientific platforms. Prizes grabbed by students in such competitions supports research policy of the institute. Student's mindset is groomed for better research performance in this competitive world.

Following table shows outcomes of research activities in the past five years

(2018-19 to 2022-23).

Sr. No.	Activity	Number
1	Book chapters and books published	33
2	Conference Proceedings	31
3	Research paper publications (All referred/WOS/Scopus/UGC) by staff and students	109
4	Research paper publications (Only WOS/Scopus/UGC)	60 (55.05%)
5	Cumulative impact factor of indexed	From 2018 to





	papers published in web of science/Scopus/UGC	2023= 98.3
5	Patents filed	10
6	Patents granted	04
7	Memorandum of Understandings and linkages	25 and 11
8	Industry/Hospital and Sponsored projects	27
9	Start-up and innovation activities	26
10	Research/ endowment grants fetched from government and non government agencies	29.77 lac
11	Creation of Research facility in thrust areas through grants	02
12	Research awards and recognition to faculty and students	22
13	Research related guest lectures and industrial visits	26
14	Number of students admitted in foreign universities	09

#### Some Notable achievements:

- AICTE –MODROB Grant-15.29 L in the year 2020-21
- First prize in Hackathon competition at InnoFest-2021 conducted by SPPU, Pune won the seed amt of 3.00 L.
- More than 50 publications in UGC/web of Science/ Scopus indexed journals with good impact factor.
- 10 Patents filed with 4 patents being granted
- 25 Functional MoUs with collaborations

#### 6. Problems Encountered and Resources Required:

- Efforts to convince and counsel students for publication in UGC care listed journals in this era of rapid publication by some journals.
- Online education system adopted during pandemic period have deviated research orientation of students.
- Convince students for building a good research mindset instead of only focusing on syllabus and examinations. Faculties of the institute took lot of efforts to make students think out of the box.
- Need was also felt on investing more budget on the maintenance of instruments.
- Getting Grants from various funding sources

#### 7. Notes:

Academic Research Co-ordinator has been appointed by institute to co-ordinate research related activities. Research related achievements viz. Sign of MoUs, prizes, publications in UGC care listed journals etc. are appreciated in College Development Committee.



## BEST PRACTICE 2

**1. Title of the Practice:** आरोग्यमं धनसंपदा (Health is wealth)

**2. Objectives of the Practice:**

- To highlight the benefits of maintaining good health on our daily regular activities.
- To create awareness about detection, prevention and management of chronic illness.
- To motivate students to focus on current health issues of society and encourage students to participate in solving those.
- To take initiatives in cleanliness drives.

**3. The Context:**

Good health is characterized by not only physical, mental but also social well being of an individual. Current modern lifestyle is associated with lot of stress which adversely affects the health of an individual. One can combat with these adverse effects through physical activities, yoga, meditation and maintaining a balanced diet. Being a student of healthcare profession, our students have social responsibility too. Institute insists students to share the knowledge with their family and society. Students are encouraged to actively participate and organize health check camps, cleanliness drive, awareness campaigns during NSS camps in small villages. Eye check up camp, thalassemia screening camp, blood donation camps are also organized for students. During covidpandemic, students have prepared awareness videos for society. Institute has organized vaccination drive and rapid antigen test drive for faculty and students. We strongly believe on 'Health is wealth', so we train students to maintain their own health as well as societal health.

**4. The Practice:**

- To highlight the benefits of maintaining good health on our daily regular activities.

Being a part of healthcare profession, students are aware about healthy lifestyle. Institute has taken additional efforts to highlight health benefits through guest lectures by experts. Various expert talks on importance of healthy and balanced diet, yoga, meditation, stress management was arranged to sensitize students regarding topic.

- To create awareness about detection, prevention and management of chronic illness.

Students are encouraged to participate in rallies to create awareness about chronic diseases like AIDS through which they make society aware about preventive measures and treatment approaches in such conditions.



- To motivate students to focus on current health issues of society and encourage students to participate in solving those.
  - i. During NSS camp students interact with villagers and counsel them regarding health issues arising due to stressful lifestyle.
  - ii. Obesity, diabetes, hypertension are commonly observed disorders. Students are organizing expert lectures for villagers during NSS camp to highlight preventive measures for these diseases.
  - iii. Additionally, during NSS camp blood glucose, hemoglobin estimation camps were organized by students for these peoples to detect any threat.
  - iv. Blood donation camps organized in village of NSS camp, which sensitizes people about their social responsibility.
  - v. College students and staff are involved in counseling to pregnant women regarding diet and healthy diet pack was distributed to pregnant women.
  - vi. Institute has organized Thalessemia screening camp, eye check up camp for students to detect any threat of the disease.
  - vii. Health check up camp is organized for newly admitted students.
  - viii. During COVID-19 pandemic, students have taken efforts in mask distribution, arsenic album distribution, vaccination drive and awareness on covid through videos.
  - ix. Institute has organized rapid antigen test camp and vaccination drive for faculty also.
  - x. Yoga day is celebrated every year in which students and faculty do Yoga activities
  - xi. Zoomba and mediation sessions are organized for students and faculty.
  - xii. Certificate course of Yoga and stress management was conducted by institute.
- To take initiatives in cleanliness drives.  
Students and faculty take initiatives for neat and clean campus and in villages where NSS camps are organized.

### 5.Evidence of Success:

Students have been benefited through expert talk about balanced diet and have taken cognizance on it. They incorporate this gained knowledge to their family and society.

Many of faculty and students have adopted practicing yoga daily. Camps organized have benefitted students to be a responsible citizen. Through blood donation camps, many students are attached with blood bank as donor.

Many camps were organized to detect possibility of diseased threats like thalassemia amongst students.

Vaccination drive, rapid antigen test camp, arsenic album distribution, mask distribution have helped society in the prevention and control of COVID infection.

### Some notable achievements

- Appreciation from Gram Panchayat- Jategaon village
- Enhancing the general health status/ wellbeing of our students





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

Counseling people for blood donation was the challenging partly due to their superstition belief in that regard.

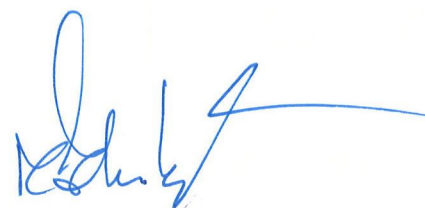
Many girls were anemic and underweight which was hurdle for them to be a blood donor, so their counseling to increase weight and hemoglobin was another task.

Working during pandemic was also challenging which has been resolved by students and faculty by taking due precautions.

Tie up with a pathology lab for regular clinical investigations of faculty samples required.

#### **7. Notes:**

NSS coordinator and Student Development Officers have been appointed to coordinate all these activities.



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