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#### 7.2: Best Practices

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

In the pursuit of academic excellence and holistic student growth, the institution has meticulously crafted and effectively implemented two outstanding best practices that not only exemplify its commitment to nurturing well-rounded individuals but also underscore its dedication to fostering research-driven innovation. These practices serve as pillars upon which the institution stands, contributing to its reputation as a beacon of educational and societal progress.

# BEST PRACTICE 1: Fostering Holistic Student Development through Community Engagement

#### Objectives of the Practice:

At the heart of this practice lies the institution's unswerving dedication to instilling in its students a sense of responsibility, ethics, and social engagement. The practice is driven by the following multifaceted objectives:

- Nurturing a deep-seated sense of social and ethical responsibility that compels students to
  actively participate in community development.
- Equipping students with invaluable qualities such as leadership, integrity, and managerial skills, positioning them as catalysts for national advancement.
- Providing platforms that facilitate students' involvement in diverse social activities, thus
  fostering holistic growth that transcends academic boundaries.

 Fostering a robust belief in social unity, integrity, and human values, thereby motivating students to contribute to the greater good of society.

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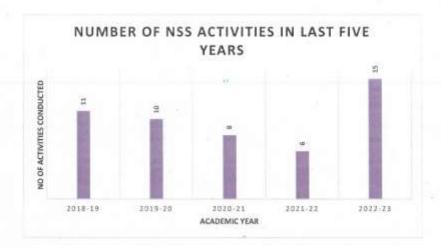
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Context:



The college's active affiliation with the NSS unit of Savitribai Phule Pune University underscores its commitment to nurturing well-rounded student development. Through a diverse range of platforms such as the National Service Scheme and National Pharmacy Week, students actively engage in multifaceted activities aimed at enhancing their personality and social skills. These initiatives encompass blood donation camps, AIDS awareness drives, rallies addressing societal concerns, and informative lectures. Participation in health camps, water analysis, and other awareness events fosters a sense of corporate social responsibility.

In line with its dedication to holistic development, the college established the Modern Pharma Music Club on International Artist Day, October 25, 2021, to cultivate talents in the realms of art and music. By launching a local chapter of NPTEL Swayam MOOC courses, the institution promotes flexible learning opportunities for both students and faculty, fostering continuous education.

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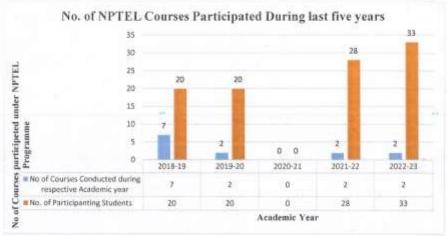
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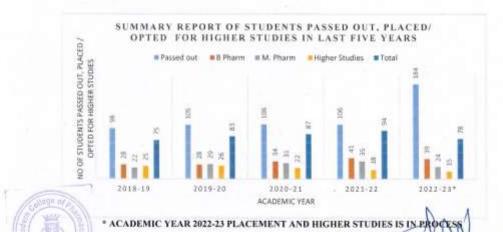
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The college's dynamic placement and career guidance cell further empowers students to make informed decisions about their academic and professional paths. Innovative teaching methodologies amplify subject comprehension, while the overarching goal remains cultivating responsible and reliable citizens dedicated to the nation's progress.



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#### The Practice:

The Practice: Nurturing Comprehensive Growth and Engagement

The college's unwavering commitment to holistic student development is exemplified through its practice of engaging students with the community, fostering a profound sense of social responsibility and personal growth.

#### Active NSS Unit and Immersive Experiences:

The college boasts an active National Service Scheme (NSS) unit that extends beyond theoretical realms to create impactful real-world experiences. Students, through NSS activities and residential camps, not only engage with the larger society but also gain firsthand understanding of rural life, offering them a unique perspective on societal challenges.

#### Healthy Outreach and Collaboration:

Interactions with the external world are actively encouraged, facilitated by the NSS unit and student council activities. The college has cultivated collaborations with esteemed industries and institutes, creating a comprehensive environment that bridges academic and practical learning.

### **Empowerment through Placement and Career Guidance:**

The institution has taken substantial strides in nurturing student potential. A robust Placement Cell and Higher Education and Competitive Examinations Guidance Cell actively guide students towards appropriate career choices. Through expert-led sessions, the cells provide insights into national and international higher education options, as well as competitive exams like GPAT, GRE, TOEFL, NIPER and IELTS.



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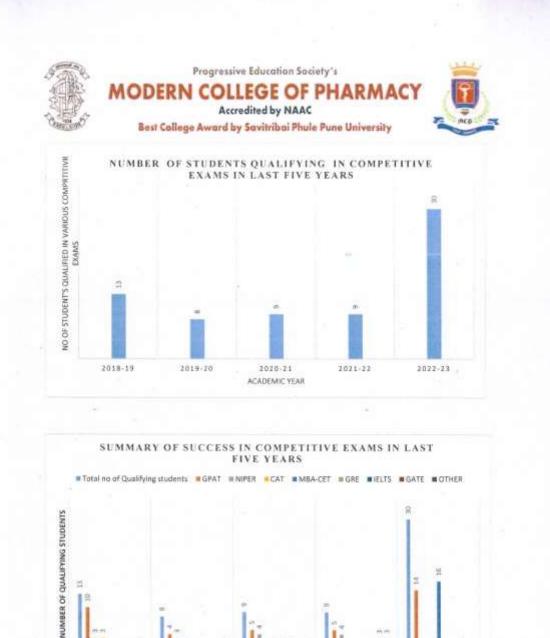


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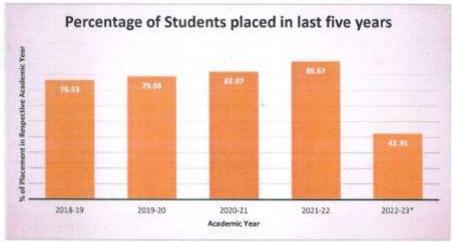
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#### Skill Enhancement and Campus Placement:

The institution underscores the importance of holistic skill development. Soft skills training sessions complement industrial training, thereby bolstering students' preparedness for their careers. The Placement Cell plays a pivotal role in fostering employability. Regular campus interviews and interactions with pharmaceutical industries ensure students are well-prepared for the industry's demands.



\*Academic Year 2022-23 Placement activities are in process.

#### **Empowering Artistic Expression:**

Recognizing the importance of creativity and extracurricular pursuits, the college established a Music Club. This facility empowers students and faculty to harness their musical talents, promoting cultural enrichment and skill development. The club also serves as a hub for various university-level performances and competitions.

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#### Online Learning and Alumni Engagement:

Faculty and students actively engage with NPTEL online courses, demonstrating their commitment to continuous learning and academic excellence. The college's Alumni Association plays a pivotal role in contributing to its development, further enhancing the institution's strength and reach.

#### Evidence of Success:

The institution's achievements stand as a testament to the triumph of this practice:

- The prestigious recognition as the Best NSS Unit by Savitribai Phule Pune University speaks volumes about the institution's unwavering commitment to community engagement.
- The noteworthy recognition bestowed upon Dr. A. S. Tapkir as the Best Program Officer
  and student Ms. Shrishti Tiwari as the Best NSS Volunteer serves as evidence of their
  outstanding contributions.
- The institution's active participation in the Young Inspirators Network (YIN) and the
  election of Mr. Nikhil Joshi as the Mayor of Pimpri-Chinchwad Municipal Corporation
  vividly demonstrate the institution's dedication to nurturing leadership potential.
- The institution's consistent success in campus placements and higher education pursuits serves as a testament to the effectiveness of the Placement and Career Guidance Cell.
- This year, the club achieved significant milestones, obtaining copyrights for a patriotic song written by Mr. Satyawan Kumbhar, a Pharm D student, and music composed by Prof. Prashant Pawar.

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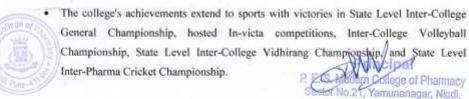
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- Active student participation in university music competitions reflects the club's impact in nurturing musical talents on a broader stage.
- "The Pharma Quest," a National-level competition, saw participation from 218 students across India, showcasing the club's role in fostering creativity.
- Dr. Santosh Parchure, Director of the Student Development Office at Savitribai Phule Pune University, commended the club's achievements, acknowledging its contribution to creative growth.
- Students from the college have excelled in NPTEL courses over the last 5 years.
- Noteworthy accomplishments in extracurricular activities include winning a street play
  competition on voter's awareness, recognition in the district youth parliament competition
  at the university level, and being awarded as the Best Professional college in the Urban
  category by Savitribai Phule Pune University.



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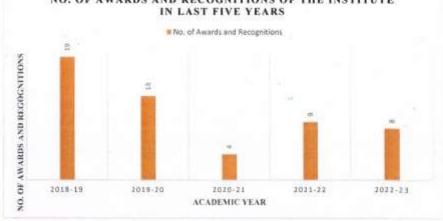
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#### Challenges and Resources Required:

Integrating societal engagement with academic rigor poses a formidable challenge. Collaborative efforts from stakeholders, including alumni and NGOs, are essential to amplify the impact of these initiatives. Addressing logistical challenges related to NSS camps, examination schedules, and faculty engagement requires meticulous planning. The collaboration of NGOs in the target area is pivotal for the seamless execution of these initiatives.

#### Notes:

The selection of appropriate villages for NSS activities and proactive engagement of alumni in higher education support remain pivotal for the successful execution of this practice.

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BEST PRACTICE 2: Cultivating Research-Driven Innovation for Comprehensive Student Growth

#### Objectives of the Practice:

This practice serves as a testament to the institution's commitment to fostering a culture of research-driven innovation. The practice's objectives are as follows:

- Granting faculty and students the autonomy and resources to create and manage intellectual property.
- Creating an environment conducive to high-quality research and nurturing creative thinking among students and faculty.
- · Promoting research and innovation through strategic collaborations and partnerships.
- Nurturing interdepartmental student teams to explore and implement innovative ideas.
- · Facilitating project-based learning to enhance students' practical skills.
- Raising awareness among students and researchers about intellectual property rights (IPR)
  and their protection.

#### Context:

The institution is dedicated to nurturing creativity and problem-solving skills in both students and faculty, seeking innovative solutions for real-world challenges. The emphasis on intellectual property rights (IPR) promotion not only enhances the quality of education but also serves as a catalyst for a dynamic teaching-learning environment. The institution's research-focused endeavors aim to shape students into globally competent individuals with creative intellect. Through IPR activities, the institution actively cultivates innovation and critical thinking among students. Initiatives like state-level pharma working model competitions provide platforms for students and researchers to showcase inventive models. The establishment of a music club demonstrates the institution's unique approach to unearthing hidden talents among students and faculty. Conferences, workshops, and a well-defined policy for recognizing IPR achievements further amplify the institution's commitment. The institution's financial support for patenting processes underlines its dedication to fostering a culture of innovation.

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#### The Practice: Empowering Innovation Through Research and Intellectual Property

At the forefront of College educational philosophy is a practice that nurtures research-driven innovation, bolstering comprehensive student growth and fostering a culture of intellectual property (IP) awareness and creation.

### Strategic IP Policy and Support:

The college has strategically devised a robust Research and Intellectual Property Rights (IPR) policy under the guidance of a dedicated Research Monitoring Committee. This committee collaborates closely with the Institute's Innovation Cell, offering unwavering support to students and faculty in the process of filing copyrights, patents, trademarks, and other IP-related endeavors. The institution goes beyond mere encouragement, providing technical and financial assistance to facilitate IP filings, thereby promoting a culture of innovation and protection.

#### Cultivating Innovation through Challenges:

To stimulate innovative thinking, the college urges students to identify procedural inefficiencies, societal challenges, and practical problems. This proactive approach encourages them to propose creative solutions, even fetching sponsored projects that drive real-world impact. The institution places emphasis on interdisciplinary projects, providing financial support for procuring materials, equipment, training, and other necessities.

### IPR Awareness and Training:

Raising awareness about IPR is a cornerstone of this practice. The college organizes specialized sessions featuring IP experts, offering insights into the intricacies of patenting, copyrights, and trademarks. These informative sessions educate students and faculty about the processes involved in filing and safeguarding intellectual property.

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### Faculty and Student Empowerment:

Recognizing the pivotal role of faculty in fostering innovation, the college arranges training sessions and orientations on IPR, featuring experts and representatives from patenting agencies. Expert lectures are integrated into workshops and seminars, enriching the learning experience for both faculty and students.

#### Promoting Creative Exploration:

An exemplar of innovative thinking is the institution's initiative – the first State-level Pharma Working Model Competition held on May 9, 2022. This event showcased students' scientific innovations, ideas, and models. Drawing participation from across Maharashtra, the competition engaged nearly 160 student groups. Our college's participants, guided by faculty, presented nine distinct working models, exemplifying the institution's commitment to nurturing creative talents.

#### Artistic Expression and Skill Enhancement:

Recognizing the importance of artistic expression and fostering diverse talents, the college established a Music Club. Equipped with resources and guidance, this club empowers students and research scholars to hone their musical talents, promoting a well-rounded growth approach beyond academics.

#### **Evidence of Success:**

In pursuit of excellence and innovation, the college has demonstrated remarkable success across multiple dimensions, showcasing a holistic approach to education and research. The following evidence of success attests to the institution's unwavering commitment to fostering intellectual growth, fostering creativity, and achieving academic excellence. The achievements under this practice stand as a testament to its resounding success:

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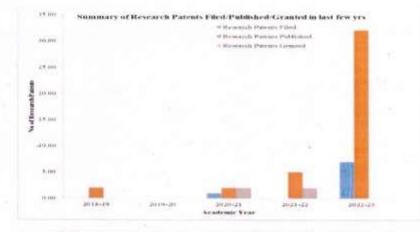
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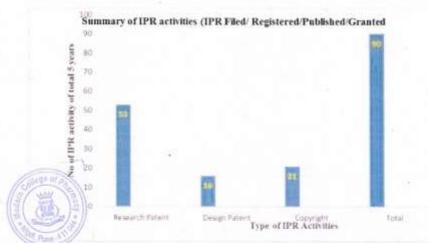
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#### Intellectual Property Rights (IPR) Achievements:

- 49 research patents filed/published by faculty members and research scholars in the past few years.
- 21 copyrights registered/filed in the last 5 years.
- · 10 design patents filed within the past 5 years.





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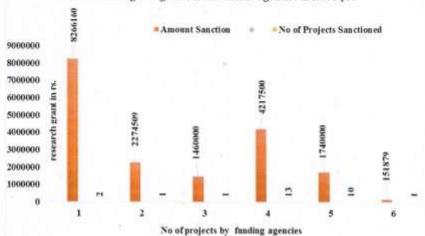
#### Granted Patents and Ongoing Process:

- · 10 patents have been granted.
- · Additional patents are in the publication and examination process.

#### Research Funding and Grants:

 Secured Rs 1.81 Crore in research grants from various Government funding agencies for diverse research projects and proposals.

#### Research funding and grants from various agencies in last 5 yrs



Sr. No. 1 2 3 4 5 6

Name of Funding DST AICTE UGC(Major) UGC(Minor) SPPU IBRO
Agencies



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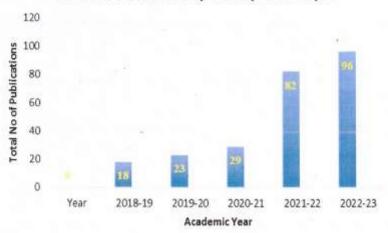
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#### Prolific Research Output:

Over 500 research publications in well-regarded and indexed national and international
journals by both faculty and students.

## Research Publication by Faculty in last 5 yrs



### Academic Excellence:

- A strong tradition of consistently impressive academic results.
- Students of B. Pharm and M. Pharm achieving top 10 ranks in university examinations, earning 3 gold medals.



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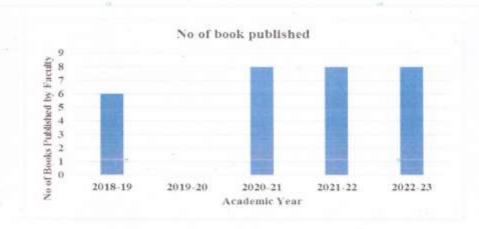
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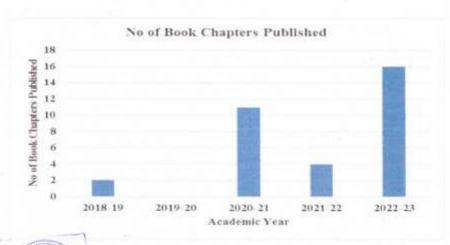
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#### Authoritative Publications:

 Faculty contributions include the authorship of more than 30 books and 33 book chapters, published by both national and international publishers.





Section 19

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#### Innovative Approach to Learning:

- Pioneering a unique Pharma model competition to foster creative and application-based thinking among students and faculty.
- This competition prompted the development of innovative solutions and resulted in the filing of 4 design patents and 10 copyrights.

These achievements collectively demonstrate the college's commitment to research, innovation, academic excellence, and a creative learning environment.

#### Challenges and Resources Required:

While the institution's commitment to research is undeniable, challenges include striking a balance between research activities and academic responsibilities. Adequate allocation of resources for research facilities, expert sessions, and the organization of competitions is crucial to sustaining the momentum of innovation.

The institution's dual focus on holistic student development and research-driven innovation serves as a testament to its dedication to academic excellence and societal progress. These best practices enhance students' academic journey, equipping them with the skills and perspectives necessary to emerge as responsible, innovative, and socially conscious contributors to society. This holistic approach to education firmly establishes the institution as a pioneer in nurturing well-rounded individuals prepared to make substantial contributions to the ever-evolving world.



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For Additional Information and Supporting Documents of the best practices Kindly refer Following link;

http://www.mcop.org.in/NAAC/SSR%20Support/7.2.2%20Additional%20Information%20and%20Supporting%20Documents.pdf



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## 7.2.1. Best Practices

For Additional Information and Supporting Documents of the best practices,

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