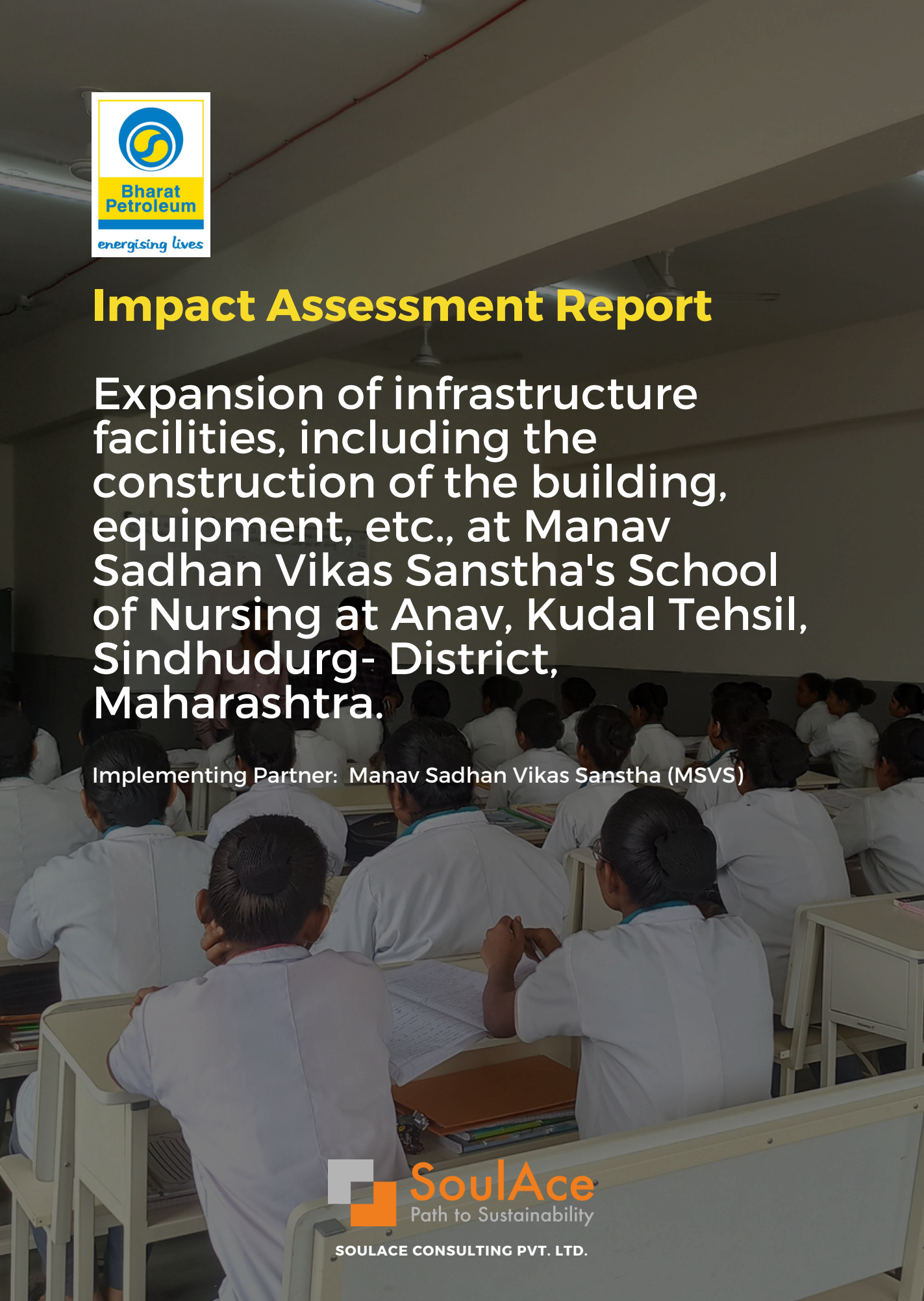

Bharat Petroleum

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Impact Assessment Report

Expansion of infrastructure facilities, including the construction of the building, equipment, etc., at Manav Sadhan Vikas Sanstha's School of Nursing at Anav, Kudal Tehsil, Sindhudurg- District, Maharashtra.

Implementing Partner: Manav Sadhan Vikas Sanstha (MSVS)

SoulAce

Path to Sustainability

SOULACE CONSULTING PVT. LTD.

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01. EXECUTIVE SUMMARY

PROJECT BACKGROUND

The project involves the expansion of infrastructure facilities, including the construction of new buildings and the acquisition of equipment at Manav Sadhan Vikas Sanstha's School of Nursing in Anav, Kudal Tehsil, Sindhudurg District, Maharashtra. This initiative aims to enhance educational resources and create a conducive environment for learning and teaching. Implemented in collaboration with CSR partner Bharat Petroleum Corporation Ltd. (BPCL), the project focuses on modernizing facilities to support comprehensive nursing education and practical training, thereby improving student outcomes and preparing them effectively for healthcare professions.

PROJECT DETAILS

Implementation year
FY 2019-20

Assessment year
FY 2024-25

Implementing Partner
Manav Sadhan Vikas Sanstha (MSVS)

Project Budget as per MOU
₹ 5,82,10,000/-

Cumulative Project Expenditure
₹ 5,37,96,038/-

Total Beneficiaries
200

Project Location
Anav, Kudal Tehsil, Sindhudurg, Maharashtra

Sample Size
50

SDG Goals

PROJECT ACTIVITIES

- Developed specialized spaces tailored for different disciplines.
- Set up community health, maternal and child health, and nutrition labs.
- Upgraded the library with the latest edition books and improved furniture.
- Supplied modern lab articles and equipment for practical learning.
- Established computer labs and audiovisual aids to support interactive teaching methods.
- Installed language labs to enhance communication skills for nursing students.
- Increased the quantity and variety of textbooks and reference materials.
- Conducted training sessions for faculty to utilize new infrastructure and technology effectively.

Key Findings

94.0%
of respondents agreed that lab articles have enhanced practical learning.

86.0%
of respondents reported a larger extent of availability of lab articles compared to before.

90.0%
of respondents said the availability of lab equipment has eased demand during practical sessions.

88.0%
of respondents reported that lab articles helped them understand theoretical concepts.

98.0%
of respondents agreed that lab articles are sufficient in quantity for their needs.

68.0%
of respondents rated the lab articles as highly relevant to the curriculum.

84.0%
of respondents reported that new textbooks improved their preparedness for exams

Key Impacts

90.0%
of respondents reported that the introduction of specialized labs, such as the community health lab and maternal and child health nursing lab, significantly improved hands-on training

82.0%
of respondents noted that the availability of lab articles contributed to better academic performance to a larger extent.

88.0%
of respondents agreed that lab articles helped them understand theoretical concepts better.

68.0%
of respondents felt more prepared for clinical exams, and 62% reported increased interest in practical sessions.

98.0%
of respondents found the new textbooks relevant to the current curriculum.

90.0%
of respondents benefited from the new infrastructure, which provided a conducive environment for both theoretical and practical learning.

74.0%
of respondents reported that the availability of textbooks eased demand, reflecting positive feedback on the new resources and infrastructure.

CHAPTER 2
OVERVIEW OF THE PROJECT

Nursing Lab Equipment's

PROJECT BACKGROUND

The project aims to expand the infrastructure facilities at Manav Sadhan Vikas Sanstha's School of Nursing in Anav, Kudal Tehsil, Sindhudurg District, Maharashtra. This initiative focuses on constructing new buildings and providing essential equipment to enhance the quality of nursing education. By creating state-of-the-art academic and administrative blocks, specialized labs, and updated libraries, the project seeks to create a conducive learning environment. This infrastructure upgrade is crucial for meeting mandatory standards, improving the learning experience, and increasing student admissions, ultimately contributing to better healthcare education and services in the region.

ABOUT BHARAT PETROLEUM CORPORATION LTD. (BPCL)

Bharat Petroleum Corporation Ltd. (BPCL) is a leading integrated oil and gas company in India, engaged in the entire spectrum of activities from exploration and production of oil and natural gas to refining crude oil and distributing petroleum products. Headquartered in Mumbai, Maharashtra, BPCL operates refineries across Maharashtra, Kerala, and Madhya Pradesh.

The company's diverse portfolio includes a focus on renewable energy alongside its production of oil products such as light and middle distillates. BPCL markets its products through a vast network of retail outlets, dealers, and distributors under well-known brands like Mak, Speed, and Bharat Gas. Additionally, BPCL plays a crucial role in supplying fuel to both domestic and international airlines, contributing significantly to India's energy sector and economy.

ABOUT NGO PARTNER

Manav Sadhan Vikas Sanstha (MSVS) is a charitable trust registered under the Bombay Public Trust Act, 1950, dedicated to the sustainable development of backward regions. Implementing the Parivartan Kendra Model, MSVS focuses on diverse areas such as education, employability skills, entrepreneurship development, women empowerment, healthcare, environmental awareness, sustainable agriculture, technology, and rural development. Their mission is to optimize natural resource utilization, prevent outmigration by creating sustainable livelihood opportunities, and leverage technology to enhance traditional practices. Initially targeting the Ratnagiri-Sindhudurg region of Maharashtra, MSVS aims to showcase the replicable strength of its model for broader application.

CHAPTER 3
STUDY APPROACH AND DESIGN

PROJECT DETAILS

The research methodology for evaluating the impact of the Expansion of Infrastructure Facilities project at Manav Sadhan Vikas Sanstha's (MSVS) School of Nursing in Anav, Kudal Tehsil, Sindhudurg-District, Maharashtra, implemented by MSVS in collaboration with CSR partner Bharat Petroleum Corporation Ltd. (BPCL), is outlined in this chapter. The study aims to assess the project's effects on educational quality, student outcomes, and overall institutional development at the specified location.

OBJECTIVES OF THE STUDY

The primary objective of this study is to comprehensively evaluate the immediate and long-term impacts of the infrastructure expansion project on student learning outcomes and educational quality at the School of Nursing. Specifically, the research seeks to analyze the effectiveness of new facilities such as laboratories, classrooms, and the library in enhancing educational delivery, student satisfaction, and the socio-economic impact on beneficiaries.

RESEARCH DESIGN

This study employs a Mixed-Method Approach, integrating both quantitative and qualitative techniques to provide a holistic understanding of the project's outcomes. The combination of these methods allows for a nuanced exploration of the project's impact from diverse perspectives, including students, faculty members, and administrative staff.

APPLICATION OF QUANTITATIVE TECHNIQUES

Quantitative methodologies involve structured surveys conducted with a sample of 50 beneficiaries selected through simple random sampling. This approach ensures representative data collection and allows for statistical analysis to measure the project's effectiveness in improving educational facilities and student satisfaction at the School of Nursing.

APPLICATION OF QUALITATIVE TECHNIQUES

Qualitative methods include in-depth interviews conducted with four key stakeholders, including teaching faculty, project administrators, and institutional leaders. These interviews aim to gather detailed insights into personal experiences, challenges, and contextual factors influencing the project's outcomes.

ENSURING TRIANGULATION

To enhance the credibility and reliability of research findings, triangulation is employed by integrating data from both quantitative surveys and qualitative interviews. This approach ensures comprehensive validation of findings and reduces biases, providing a robust assessment of the infrastructure expansion project's impact at MSVS's School of Nursing.

SAMPLING FRAMEWORK

The study includes four in-depth interviews and data collection from 50 beneficiaries through simple random sampling. This sampling strategy is designed to capture a diverse range of perspectives and experiences within the beneficiary population, reflecting the socio-economic and demographic diversity of Anav, Kudal Tehsil, and Sindhudurg-District.

DATA COLLECTION

Primary data collection involves structured surveys administered electronically and in-person, supplemented by in-depth interviews conducted face-to-face with key stakeholders. The use of technology for data collection ensures accuracy, efficiency, and real-time insights into the project's implementation and impact.

STAKEHOLDERS

Key stakeholders involved in the study include Manav Sadhan Vikas Sanstha's teaching faculty, project beneficiaries, and institutional leaders at the School of Nursing in Anav, Kudal Tehsil, Sindhudurg-District. Their participation and perspectives are crucial to understanding the project's effectiveness and identifying areas for improvement.

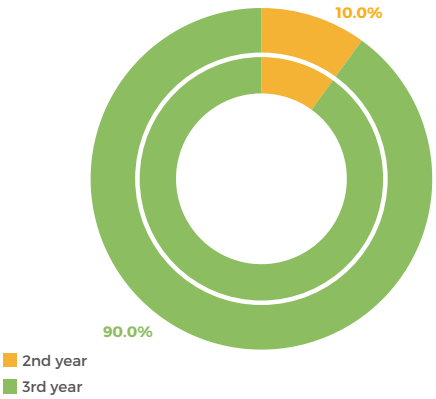
COMMITMENT TO RESEARCH ETHICS

Key stakeholders involved in the study include Manav Sadhan Vikas Sanstha's teaching faculty, project beneficiaries, and institutional leaders at the School of Nursing in Anav, Kudal Tehsil, Sindhudurg-District. Their participation and perspectives are crucial to understanding the project's effectiveness and identifying areas for improvement.

PHISIO THERAPY LAB AT MSVS

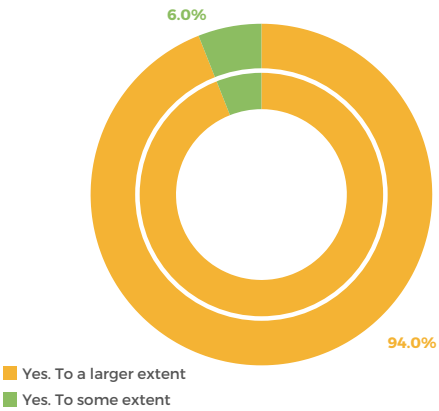
CHAPTER 4
KEY FINDINGS

CHART 1: YEAR OF PURSUING THE PROGRAM



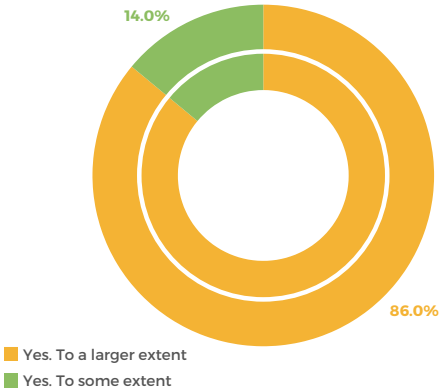
The data indicates that the majority of the respondents are in their third year of the program, suggesting a significant retention and progression rate among students.

CHART 2: WHETHER THE LAB ARTICLES HAVE ENHANCED THE PRACTICAL LEARNING EXPERIENCE



The data reveals that the majority of respondents feel that the lab articles have significantly enhanced their practical learning experience. This suggests that the lab resources provided are highly effective in facilitating hands-on learning and practical application of theoretical knowledge, which is crucial for the student's professional development.

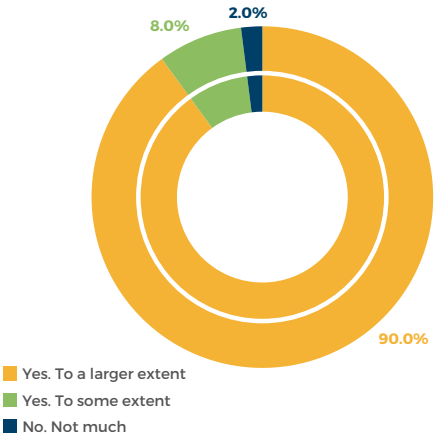
CHART 3: WHETHER MORE LAB ARTICLES ARE NOW AVAILABLE FOR STUDENTS THAN BEFORE



The data indicates that a significant portion of respondents have completed high school, suggesting a relatively high level of basic education among participants. This distribution highlights the importance of tailoring communication and support strategies to accommodate varying educational backgrounds.

CLASSROOM AT MSVS

CHART 4: THE EXTENT TO WHICH THE AVAILABILITY OF MORE LAB EQUIPMENT NOW HAS EASED THE DEMAND FOR THE SAME AMONG STUDENTS DURING PRACTICAL SESSIONS



The data suggests that the increased availability of lab equipment has significantly eased the demand among students during practical sessions. This improvement likely leads to a more efficient and effective learning experience, as students have better access to the necessary tools for their practical education.

PRATICAL LAB AT MSVS

CHART 5: FREQUENCY OF USING THE PROVIDED LAB ARTICLES IN THE TRAINING

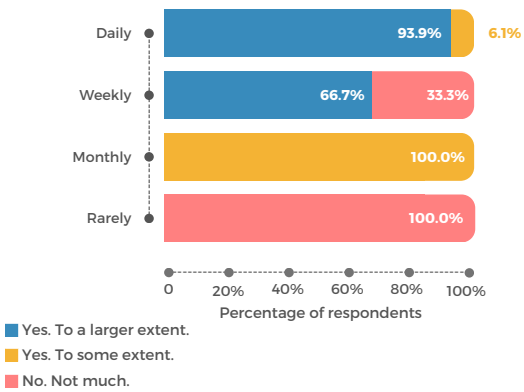
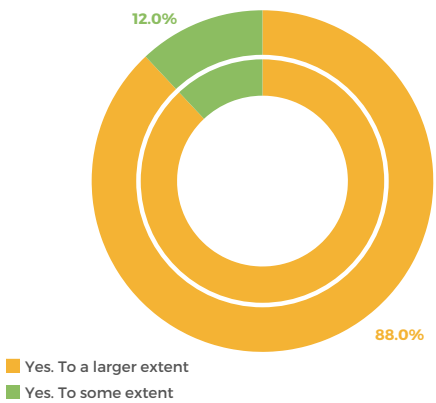


CHART 6: EXTENT TO WHICH THE LAB ARTICLES HELPED IN UNDERSTANDING THEORETICAL CONCEPTS BETTER



The data indicates that students who use lab articles daily report a significant improvement in their academic performance, with a large majority finding them highly beneficial. This pattern holds, though to a lesser extent, for students who use the lab articles weekly. The majority of respondents believe that the lab articles have helped them understand theoretical concepts better, underscoring the importance of frequent, hands-on practice in enhancing comprehension and academic success.

CHART 7: THE EXTENT TO WHICH THE LAB ARTICLES PROVIDED ARE SUFFICIENT IN QUANTITY AS PER NEED

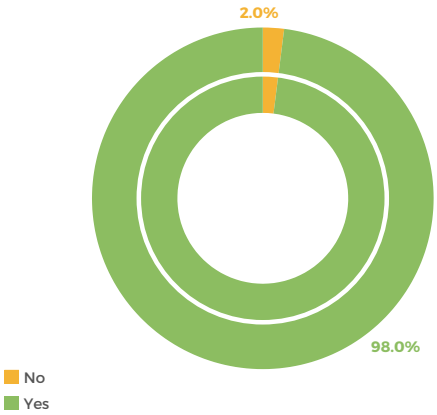
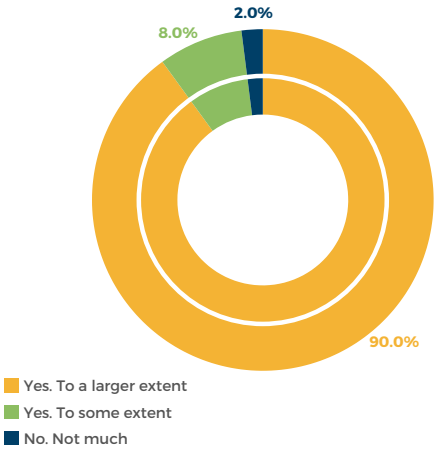


CHART 8: THE LAB ARTICLES HAVE BEEN EFFECTIVE IN PREPARING FOR REAL-LIFE MEDICAL SITUATIONS



The data suggests that the increased availability of lab equipment has significantly eased the demand among students during practical sessions. This improvement likely leads to a more efficient and effective learning experience, as students have better access to the necessary tools for their practical education.

CHART 9: RATING OF THE RELEVANCE OF THE LAB ARTICLES TO THE CURRICULUM

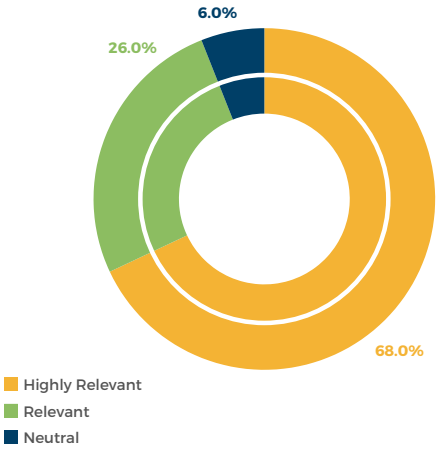
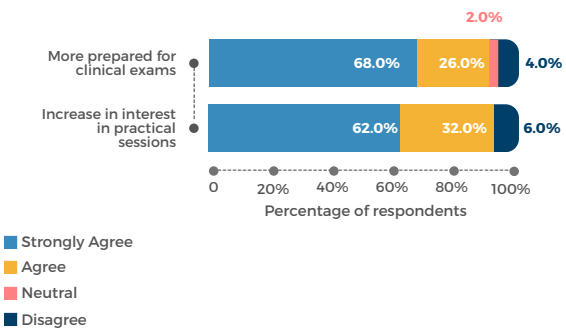
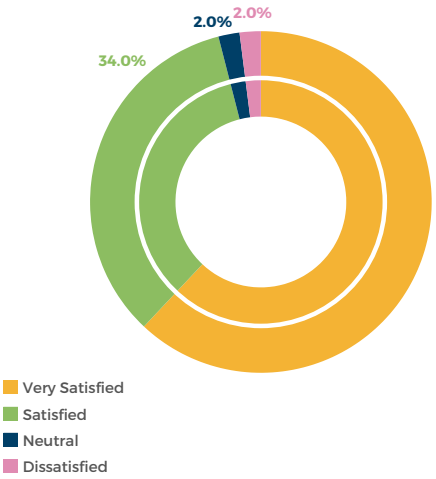


CHART 10: OPINION ON PREPAREDNESS FOR CLINICAL EXAMS AND INCREASE IN INTEREST IN PRACTICAL SESSIONS DUE TO THE PROVISION OF LAB ARTICLES



The data indicates that a significant majority of respondents perceive the lab articles to be highly relevant or relevant to the curriculum, highlighting their alignment with educational goals. Moreover, a substantial number of respondents strongly agree that the provision of lab articles has enhanced their preparedness for clinical exams and increased their interest in practical sessions. This positive feedback underscores the significant role of well-integrated lab resources in supporting both academic success and student engagement in medical education.

CHART 11: LEVEL OF SATISFACTION WITH THE VARIETY OF LAB ARTICLES PROVIDED



The data reveals that a majority of respondents are very satisfied, and a proportion of respondents are satisfied with the variety of lab articles provided. This indicates a high level of contentment among students with the range and diversity of resources available for their practical learning needs.

BPCL BLOCK SIGNAGE

CHART 12: WHETHER A SUFFICIENT NUMBER OF TEXTBOOKS IS NECESSARY FOR THE EXAM PREPARATION

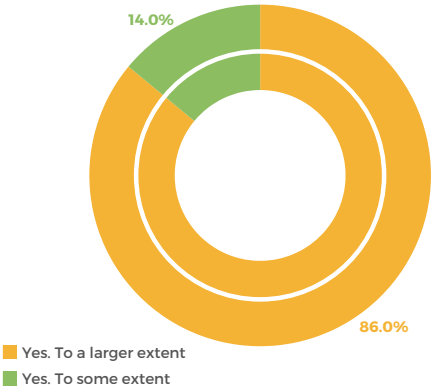
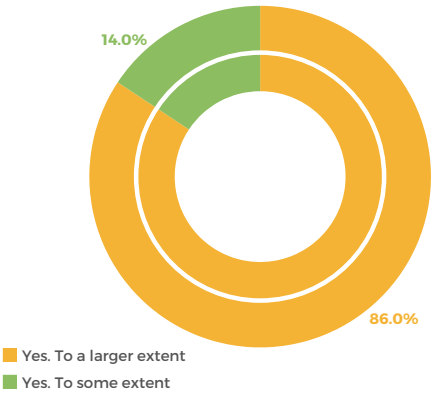


CHART 13: THE EXTENT TO WHICH THE LIBRARY HAS RECENT EDITIONS OF TEXTBOOKS



The data suggests that a majority of respondents feel they have a sufficient number of textbooks necessary for exam preparation, with a significant percentage indicating they have access to recent editions in the library. This availability of books supports effective study habits and comprehensive exam readiness among students, ensuring they have current and relevant resources at their disposal.

CHART 14: WHETHER REGULARLY USE THE BOOKS FROM THE LIBRARY

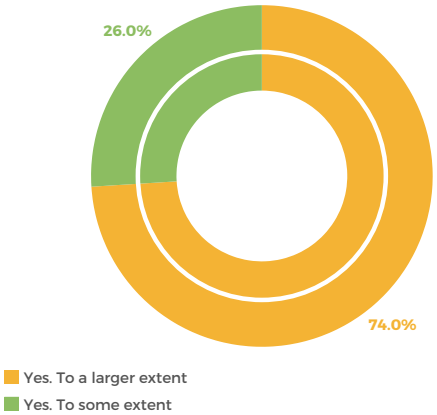
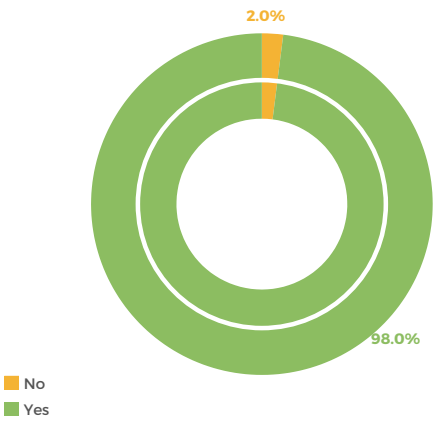
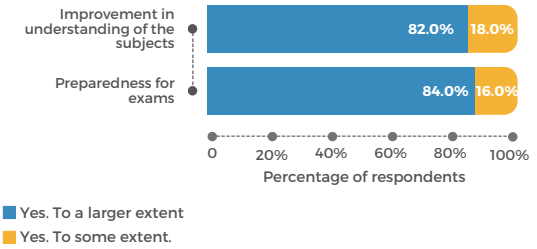


CHART 15: WHETHER THE NEW TEXTBOOKS ARE RELEVANT TO THE CURRENT CURRICULUM



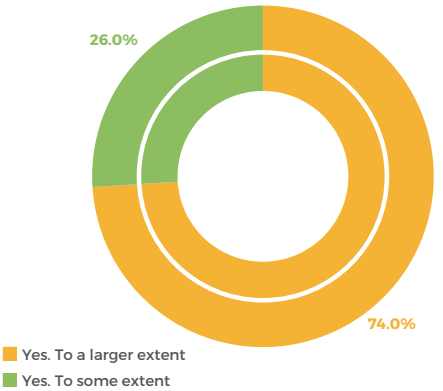
The data shows that a majority of respondents regularly use books from the library, indicating active engagement with available resources for their academic studies. Additionally, almost all respondents find the new textbooks relevant to the current curriculum, suggesting that the library's collection meets the educational needs and expectations of the students effectively.

CHART 16: LEVEL OF IMPROVEMENT IN UNDERSTANDING OF THE SUBJECTS AND PREPAREDNESS FOR EXAMS DUE TO NEW TEXTBOOKS



The data indicates that a significant majority of respondents perceive a considerable improvement in their understanding of subjects and preparedness for exams due to the new textbooks. This suggests that the introduction of updated learning materials has effectively enhanced both comprehension of academic content and readiness for assessments among students.

CHART 17: WHETHER THE AVAILABILITY OF TEXTBOOKS EASED THE DEMAND



The data suggests that a majority of respondents believe that the availability of textbooks has eased the demand for them, both to a larger extent and to some extent. This indicates that access to sufficient textbooks has likely reduced challenges related to resource availability and contributed to a more supportive learning environment for students.

CASE STUDY 1

Dr. Yogesh Prabhu, Principal of the nursing college, emphasizes the substantial benefits brought by the new academic and administrative blocks. The creation of specialized spaces has not only promoted more organized and efficient departmental functions but also increased student admissions by providing a conducive environment for both theoretical and practical learning experiences. The new infrastructure has enabled the college to admit a larger number of students, fulfilling mandatory standards for building and infrastructure requirements. This expanded capacity, coupled with modern facilities, has significantly improved the ability to conduct preclinical sessions and provided realistic scenarios for practical training through dedicated labs like the community health lab, maternal and child health nursing lab, and nutrition lab.

The impact on the teaching faculty and overall college functioning has been profound. The new blocks have allowed better focus on delivering quality education and integrating advanced technological tools, such as those found in the computer and audiovisual labs. These facilities have enhanced interactive teaching methods and improved access to the latest academic materials and current research. The expansion of the library, with new books and updated equipment, has further enriched learning resources for students, creating a more conducive learning environment. These improvements have not only addressed previous infrastructure gaps, such as overcrowded classrooms and limited specialized labs but have also boosted the college's reputation, leading to a noticeable increase in student enrollment. Moving forward, Mr. Prabhu plans to maintain and further develop these facilities by regularly updating technological resources and expanding digital library access to support diverse learning needs.

CASE STUDY 2

The recent construction of dedicated academic and administrative blocks at Manav Sadhan Vikas Sanstha has brought significant improvements to the learning environment. Miss Darshana Nerurkar, a teaching faculty member, highlights that these new facilities have provided specialized spaces that are crucial for focused academic activities. For example, the introduction of dedicated laboratories like the community health lab and maternal and child health nursing laboratory has revolutionized practical sessions. These labs now offer realistic simulations and hands-on learning experiences, greatly enhancing student engagement and learning outcomes.

The impact of the new facilities goes beyond specialized labs. The upgraded library, equipped with new resources such as the latest medical textbooks, has supported Miss Nerurkar in staying updated with teaching content and research. This has also contributed to improved student performance and engagement. Additionally, the integration of modern amenities like computer labs and audiovisual aids has enriched teaching methods by incorporating technology into the learning process. The new infrastructure at Manav Sadhan Vikas Sanstha has not only improved teaching effectiveness but has also created an environment that nurtures comprehensive learning and prepares students well for their future careers in nursing.

IN CONVERSATION WITH DR. YOGESH PRABHU

CASE STUDY 3

Miss Sonali Rawool, a teaching faculty member at Manav Sadhan Vikas Sanstha, highlights the transformative impact of new academic and administrative blocks on educational practices. These facilities have provided specialized spaces tailored for different disciplines, creating an effective learning environment conducive to enhanced student engagement and practical skill development. For example, dedicated laboratories such as the community health lab and maternal-child health nursing lab have introduced more realistic and practical training sessions. This hands-on approach has significantly enriched the learning experience in areas crucial to nursing education, fostering deeper understanding and proficiency among students.

The new infrastructure has also positively influenced Miss Rawool's teaching experience by improving efficiency. With access to advanced equipment and dedicated spaces in the new laboratory block, she can conduct preclinical sessions more effectively, facilitating better comprehension and application of theoretical knowledge.

Furthermore, the upgraded resources in the nutrition lab and modern technological tools in the computer and audiovisual labs have supported interactive teaching methods. This integration has not only enhanced communication skills through the language labs but also improved access to current research materials in the upgraded library. As a result, student engagement and academic performance have noticeably increased, reflecting a more dynamic and supportive learning environment at the institution.

Looking ahead, Miss Rawool suggests enhancing digital resources further to cater to diverse learning needs and expanding technological integration across classrooms to enhance access to online learning platforms for students.

"The new infrastructure, including the labs and library, has significantly enhanced the teaching process. The availability of advanced laboratory equipment and better lab spaces has made it easier to conduct demonstration lectures effectively. Additionally, the presence of up-to-date articles and resources has further supported our teaching and improved the overall learning experience for students."

Mrs. Neha Mahesh Jadhav, Senior Tutor, Obstetrics and Gynecology

"The new infrastructure, particularly the labs and library, has greatly enhanced our learning experience. The Maternal and Child Health Lab and Nutrition Lab provide advanced practical training, allowing us to apply theoretical knowledge effectively. Additionally, the library's collection of the latest edition books ensures we have access to current information and resources, significantly aiding our studies."

Miss Shruti Deepak Warik, GNM 2nd Year Student

HOSPITAL WARD PRACTICAL LAB

CHAPTER 5
SUGGESTIONS / RECOMMENDATIONS

Stakeholders highlight the importance of regular professional development programs for faculty to ensure they stay updated with modern teaching methodologies and effectively integrate educational tools into their teaching practices.

Expand student support services such as career counselling, mentorship programs, and academic tutoring to enhance student retention and success rates.

Establish a formal feedback mechanism for stakeholders to regularly provide input on facilities, resources, and educational experiences.

Invest in upgrading computer labs and audiovisual aids to foster interactive teaching methods that engage students effectively.

06. OECD FRAMEWORK

The project aligns with several Sustainable Development Goals (SDGs), including SDG 3 (Good Health and Well-being), SDG 4 (Quality Education), SDG 5 (Gender Equality), and SDG 9 (Industry, Innovation, and Infrastructure). By enhancing educational and healthcare facilities, it contributes to quality education and well-being for all.

4

Coherence

Relevance

The project is highly relevant to the local context and community needs. It addresses critical gaps in infrastructure at the School of Nursing, catering to the educational and practical training requirements of nursing students. The introduction of advanced laboratories and upgraded library resources directly support the academic and professional development of students, aligning closely with the evolving demands of healthcare education.

4.5

Effectiveness

The effectiveness of the project is evidenced by positive feedback from stakeholders and beneficiaries. Improved access to modern educational facilities and resources has enhanced teaching methodologies and student engagement. Practical training in specialized labs such as the community health lab and maternal-child health nursing lab has significantly enriched learning experiences, preparing students more effectively for real-world healthcare scenarios.

4.5

Sustainability

To ensure sustainability, the project emphasizes ongoing maintenance and capacity building. Continuous professional development for faculty members ensures the adoption of best practices in teaching and healthcare training. The integration of sustainable practices in infrastructure development, such as energy-efficient designs and resource conservation measures, promotes long-term environmental sustainability.

4.5

Efficiency

The project has demonstrated efficiency in resource utilization and project management. Investments in infrastructure expansion, including academic and administrative blocks, have optimized space utilization and organizational efficiency within the School of Nursing. Technological upgrades and the availability of updated resources in the library have streamlined academic processes, enhancing operational efficiency and educational outcomes.

4

Impact

The project has had a profound impact on various stakeholders. Students report enhanced academic performance and practical skills development due to improved facilities and resources. Faculty members highlight increased teaching effectiveness and student engagement, contributing to overall educational quality. The project's positive outcomes support the institution's reputation and capacity to attract and retain students, thereby fostering long-term socio-economic benefits for the community

4.5

Index : 5 Points - Very High ; 4 Points - High ; 3 Points - Moderate ; 2 Points - Low ; 1 Point - Very Low

CHAPTER 7
CONCLUSION

The expansion of infrastructure facilities, including the construction of buildings and provision of equipment at Manav Sadhan Vikas Sanstha's (MSVS) School of Nursing in Anav, Kudal Tehsil, Sindhudurg-District, Maharashtra, represents a significant milestone in the enhancement of nursing education in the region. This project, implemented by MSVS with the support of CSR partner Bharat Petroleum Corporation Ltd. (BPCL), aims to address critical gaps in educational infrastructure and provide a conducive learning environment for nursing students. The newly constructed facilities, featuring state-of-the-art laboratories, classrooms, and administrative blocks, are tailored to meet the diverse needs of nursing education, thereby ensuring that students receive comprehensive training that combines theoretical knowledge with practical skills.

The introduction of specialized laboratories, such as the maternal and child health lab, nutrition lab, and community health lab, has profoundly impacted the quality of practical training available to students. These facilities have equipped students with the tools necessary to gain hands-on experience in realistic scenarios, thereby enhancing their competence and confidence in clinical settings. The availability of advanced laboratory equipment and dedicated spaces has also significantly improved the teaching efficiency of the faculty, enabling more effective demonstration and interaction during practical sessions. Additionally, the upgraded library, stocked with the latest editions of medical textbooks, has enhanced research and academic performance by providing easy access to current and relevant resources.

The collaboration between MSVS and BPCL in this project underscores the importance of strategic partnerships in driving educational advancements. The successful expansion of the infrastructure at the School of Nursing not only addresses immediate educational needs but also sets a benchmark for future development initiatives. By creating a robust foundation for nursing education, this project contributes to the long-term goal of improving healthcare services in the region. The positive outcomes and impacts, as evidenced by increased student enrollment, enhanced learning experiences, and improved academic performance, highlight the transformative potential of well-planned and executed infrastructure projects in the education sector.

STUDY TOOLS

QUESTIONNAIRE, INTERVIEW SCHEDULE, FGD POINTS

INTERVIEW GUIDE FOR NURSING STUDENTS ON THE SUPPLY OF LAB ARTICLES

Sr. No	Item	Response options
A.	Name of the respondent:	
1	Course pursued:	
2	Year of pursuing the program.	
3	Do you feel the lab articles have enhanced your practical learning experience?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.
4	Do you feel that you now have more lab articles available for students than before?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.
5	Do you think that the availability of more lab equipment now has eased the demand for the same among students during practical sessions?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.
6	How often do you use the provided lab articles in your training?	A. Daily B. Weekly C. Monthly D. Rarely E. Never
7	Do you believe the availability of lab articles has contributed to better academic performance?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.
8	Have the lab articles helped you understand theoretical concepts better?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.
9	Do you think the provided lab articles are sufficient in quantity for your needs?	A. Yes B. No
10	Have the lab articles been effective in preparing you for real-life medical situations?	A. Yes. To a larger extent. B. Yes. To some extent. C. No. Not much.

Sr. No	Item	Response options
11	How would you rate the relevance of the lab articles to your curriculum?	A.Highly Relevant B.Relevant C.Neutral D. Irrelevant E. Highly Irrelevant
12	Do you feel more prepared for clinical exams after using the lab articles?	A.Strongly Agree B.Agree C.Neutral D. Disagree E. Strongly Disagree
13	How satisfied are you with the variety of lab articles provided?	A.Very Satisfied B.Satisfied C.Neutral D. Dissatisfied E. Very Dissatisfied
14	DO YOU THINK THE PROVISION OF LAB ARTICLES HAS INCREASED YOUR INTEREST IN PRACTICAL SESSIONS?	A.Strongly Agree B.Agree C.Neutral D. Disagree E. Strongly Disagree
QUESTIONS ON THE SUPPLY OF NURSING TEXTBOOKS TO THE LIBRARY		
15	Do the nursing textbooks cover different areas of the curriculum?	A.Yes. To a larger extent B.Yes. To some extent C. No.
16	Do you have a sufficient number of textbooks necessary for your exam preparation?	A.Yes. To a larger extent B.Yes. To some extent. C. No.
17	Does the library have recent editions of textbooks?	A.Yes. To a larger extent B.Yes. To some extent. C. No.
18	Do you regularly use the books from the library?	A.Yes. To a larger extent B.Yes. To some extent. C.No.
19	Are the new textbooks relevant to your current curriculum?	A. Yes B. No
20	Have the new textbooks improved your understanding of the subjects?	A.Yes. To a larger extent B.Yes. To some extent. C. No.
21	Do you feel more prepared for your exams with these new textbooks?	A.Yes. To a larger extent B.Yes. To some extent. C.No.
22	Has the availability of textbooks eased your demand for the same?	A.Yes. To a larger extent B.Yes. To some extent. C. No.

Sr. No	Item	Response options
	Interview Schedule with the Principal/ Chief Administrator of the Nursing College	
1	How many students have been benefitted by the creation of the new infrastructure?	
2	Has this new infrastructure helped in increasing the total student admissions to the nursing college?	
3	Has the new infrastructure led to admitting more students than the earlier strength?	
4	Has the new infrastructure helped the nursing college in fulfilling the mandatory standards for building or infrastructure requirements?	
5	Has the addition of new infrastructure helped you in creating dedicated blocks for specialities which were not previously there? (For example, mother and child health nursing lab, nutrition lab etc.,)	
6	How has the construction of the new academic and administrative blocks impacted the overall functioning of the college?	
7	How many students have benefitted from the creation of the new infrastructure?	
8	How does the construction of new blocks help the college teaching faculty?	
9	Can you describe how the new laboratory block with preclinical lab is being utilized in the curriculum?	
10	How have the new community health lab, maternal and child health nursing laboratory, and nutrition lab enhanced the practical training for students?	
11	How is the computer lab being integrated into the nursing education programs?	

Sr. No	Item	Response options
12	How often are the audiovisual aids lab and language labs used, and for what purposes?	
13	In what ways has the expansion of the library and the addition of new books and equipment improved access to learning resources for students?	
14	How has the new library furniture contributed to creating a conducive learning environment?	
15	15. Prior to this support, what were the most critical infrastructure gaps faced by the college?	
16	To what extent have these interventions addressed the needs identified previously?	
17	How have these improvements impacted the college's reputation and student enrollment?	
18	Are there any additional needs or areas for further improvement that you have identified since the completion of these projects?	
19	What are your future plans for maintaining and further developing these new facilities?	

Sr. No	Item	Response options
	Interview Guide for the Teaching Faculty	
1	1.How has the construction of new academic and administrative blocks facilitated the provision of dedicated space for certain specialities?	
2	How do the students benefit from the availability of these facilities?	
3	How have the new academic and administrative blocks influenced your teaching experience and efficiency?	
4	Can you share specific examples of how the new laboratory block has enhanced your ability to teach preclinical subjects?	
5	How has the introduction of the community health lab and maternal and child health nursing laboratory changed the way you conduct practical sessions?	
6	In what ways has the nutrition lab added value to the courses you teach?	
7	How has the computer lab and audiovisual aids lab supported your teaching methods and materials?	
8	How are the language labs being utilized in the context of nursing education?	
9	How have the upgraded library and new books impacted your teaching and research activities?	
10	Are there any specific pieces of equipment or resources in the library that have been particularly beneficial?	
11	What changes have you noticed in student engagement and performance since the new facilities were introduced?	
12	How have students responded to the new resources and infrastructure?	
13	Were there any additional resources or facilities you feel are still needed to fully support your teaching activities?	
14	How do you think the college can further improve its support for teaching and learning?	

Sr. No	Item	Response options
	Testimonials from Teaching faculty	
1	Name	
2	Designation.	
3	Speciality/ Department.	
4	How any particular infrastructural addition, like the presence of Labs and library (Maternal and child health, Nutrition lab, etc.) has enhanced the Teaching process	

Sr. No	Item	Response options
	Testimonials from the Nursing students	
1	Name	
2	Designation.	
3	Speciality/ Department.	
4	How does any particular infrastructural addition, like the presence of Labs (Maternal and child health, Nutrition lab, etc.) The library has enhanced the learning experience	

ABBREVIATIONS

SDGS	Sustainable Development Goals
NGO	Non-Governmental Organization
BPCL	Bharat Petroleum Corporation Ltd
MSVS	Manav Sadhan Vikas Sanstha
GNM	General Nursing and Midwifery
CSR	Corporate Social Responsibility
LABS	Laboratories
FY	Financial Year