



SELF STUDY REPORT

FOR

2nd CYCLE OF ACCREDITATION

DADASAHEB BALPANDE COLLEGE OF PHARMACY

**DADASAHEB BALPANDE COLLEGE OF PHARMACY, NEAR SWAMI SAMARTH
MANDIR, BESA SQUARE, NAGPUR, 440037**

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1. EXECUTIVE SUMMARY

1.1 INTRODUCTION

Dadasaheb Balpande College of Pharmacy (DBCOP) was established in the year 2006 and offers a Degree course in Pharmacy (B.Pharm- Four years Degree course in Pharmacy) with an intake capacity of 100 seats. With the constant quest of excellence, DBCOP has introduced a post-graduate course in pharmacy (M.Pharm- Two years PG program) in Pharmaceutics, Pharmaceutical Quality Assurance & Pharmaceutical Regulatory Affairs, and a doctoral course (Ph.D.). The institute is recognized under sections 2f and 12B of UGC and is permanently affiliated with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. All the courses at DBCOP are recognized by the Pharmacy Council of India (PCI) and approved by AICTE, DTE, Government of Maharashtra state and affiliated to RTM, Nagpur University, Nagpur. The institute has been accredited by the NBA and NAAC- the apex accrediting bodies of the government of India. The institute has been rewarded with platinum grades in the AICTE CII survey for the last five years. The college is regularly ranked in NIRF by the Ministry of Education, GOI, since 2019. The institute has achieved the “BEST EDUCATION SOCIETY” award by RTMNU. The laboratories of DBCOP are well equipped with the latest sophisticated scientific instruments, & facilities. DBCOP research lab is approved by DSIR, New Delhi with Scientific and Industrial Research Organization (SIRO) certification.

The institute has highly experienced, research-oriented, and awarded faculties. The Training & Placement cell of the institute regularly organizes campus pool drives for the students.

The institute primarily aims in satisfying the ever-changing dynamics to create skilled pharmacists of global standards who could provide total pharmaceutical solutions to society. The institute believes in honing the overall persona of the students through excellence in academics, co-curricular, extracurricular, and social activities. Institutes strive to develop a sense of social obligation and discipline among the students not only to make a better professionals but also better human beings.

Vision

To become academic leader by achieving excellence in imparting knowledge, skills and attitude in our students to make them globally competent in Pharmaceutical Sciences.

Mission

- Imparting quality education to students and make them competent and skilled professionals.
- Implementing pedagogical innovations that are comparable with global standards.
- Inculcate research as an integral component of learning process.
- Inclusiveness and diversity among relevant stakeholders.

1.2 Strength, Weakness, Opportunity and Challenges(SWOC)

Institutional Strength

1. A visionary and supportive management with a focus on excellent global quality education.
2. Accreditations (NBA, NAAC) and Recognitions through quality audits (NIRF, AICTE-CII)
3. Permanent affiliation with Rashtrasant Tukadoji Maharaj Nagpur University
4. UGC recognition under 2(f) 12(b).
5. State-of-the-art infrastructure
6. Qualified, Experienced and Motivated faculty members
7. Excellent team coordination
8. Excellent research-academic culture.
9. Optimised resource utilization.
10. Collaborative working and networking through MoUs.
11. Three faculty members serving as BoS members of RTMNU

Institutional Weakness

1. Lesser national and international networking/linkages for academic and research collaborations.
2. Scope to improve research and publication output
3. Lesser emphasis on applied research
4. Non-Commercialization of patents and technology
5. Less Faculty exposure at international platforms

Institutional Opportunity

1. To acquire Autonomous College status.
2. To encourage and promote applied research leading to increased numbers of patents, start-ups, and entrepreneurs
3. Strategic location for developing strong linkages with Government academic institutions (IIMs, AIMS) and companies.

4. Strengthening Alumni relations and communication, to advance our mission and goals
5. Develop Branding strategies to promote the institute's International Visibility and Reputation
6. Facilitating incubation for innovative and feasible ideas.
7. Encouraging student and faculty start-ups.
8. Grooming and promoting the faculty leadership.

Institutional Challenge

1. Training students from diversified backgrounds
2. Absence of academic autonomy
3. Job opportunities in core areas for pharmacy graduates are becoming more competitive
4. Fast-changing needs of pharmaceutical industries and Health care
5. Time constraints for the execution of academic schedules along with cultural, extra-curricular, sports, NSS, and other related activities.

1.3 CRITERIA WISE SUMMARY

Curricular Aspects

- Dadasaheb Balpande College of Pharmacy (DBCOP) is permanently affiliated with Rashtrasant Tukadoji Maharaj Nagpur University (RTMNU) and follows the syllabus prescribed by PCI. The faculty members are involved in exam assessment work at the University.
- The Institutional academic calendar is prepared concerning University academic calendar. The workload is distributed considering the competencies of the faculties. Class Teachers and teacher guardians are assigned. Timetables and teaching plans are prepared and communicated to students.
- Student's internal assessment is done by conducting sessional examinations of theory and practical. External assessment is done by RTMNU. The institutional library is used for sourcing references, e-resources, and books.
- Various committees like Academic Monitoring are functioning to strengthen academic transition.
- DBCOP continuously organizes various Value added / Certificate courses for the overall development of students. The courses like the Advanced Analytical Equipment handling certificate course, Employability Skills, and Elevating Ethical Practices in Pharmacy Profession are approved by RTMNU. Each student upon successful completion of these courses is awarded 2 credits to the student's academic bank of credit. DBCOP has organized 11 Value added/Certificate courses during the last five

years in which 1039 students got benefitted.

- Curricular enrichment is accomplished through practical learning with a high percentage of students participating in project work, fieldwork, industrial trip, and internships. Other events such as guest lectures, seminars, and workshops are periodically planned to foster a research mindset and keep students up to date with the latest industrial developments.
- Institute integrates cross-cutting issues like professional ethics, gender equality, human values, environment, and sustainability in addition to academics and research through initiatives like expert lectures, workshops, day celebrations, and certificate courses, as well as extension and outreach activities through an active NSS Unit and other cells.
- IQAC evaluates the efficiency with which all curricular activities are carried out. The effectiveness of all these activities is regularly monitored by robust feedback mechanism. The feedbacks are collected, analyzed and action taken reports are made available to all stakeholders for continuous improvement in the quality of education. Thus, in a true intellect, the college stands to the motto of building pharmacy professionals through education par excellence.

Teaching-learning and Evaluation

- The college get students admitted by centralized admission process (CAP). For admission, the sanctioned seats are specified in AICTE/ PCI norms and reservation quota is followed as per the State Government rules.
- Qualified teachers are appointed against sanctioned posts. In addition to the traditional method of teaching using classroom, the students are also encouraged to participate and showcase their talent and knowledge by various student centric methods. They perform laboratory practicals, participate in research /review projects and prepare charts and models. Industrial visits are also arranged.
- Students undergo industrial training in third year or final year of their curriculum to get acquainted with the working of various departments in the pharmaceutical industry which help them to bridge the gap between academia and industry.
- The college encourages the participation of students in national and international competitions like quiz competition, poster presentations, seminars/ conferences/ workshops/ symposiums etc. Field visits to medicinal garden and pharmacy, etc. are also arranged.
- The teachers use ICT tools such as google classroom, Google forms, Testmoz, Mentimeter, etc. Before starting the syllabus, every teacher drafts course outcomes of each course which are communicated to the students along with Academic session plan. In the sessional examination paper, each question is linked with their respective CO & PO and mentioned in the question paper.
- The internal assessment of the student is carried out by college and external assessment is carried out by Rashtrasant Tukadoji Maharaj Nagpur University according to PCI syllabus using offline mode. During COVID-19 pandemic, sessional examination theory and practical both were conducted online through Google classroom. Continuous assessment marks includes day to day student performance, student teacher interaction and percentage attendance for UG and PG students.
- Any grievances related to university examination are resolved by the college communicating the same to the university. Course outcome attainment is computed based on direct assessment mode in which marks obtained by the students in internal sessional examination is considered 20% while University examination Theory & Practical are considered 80%. Direct attainment of course outcome contributes 80 % and indirect attainment contributes 20%.

Research, Innovations and Extension

- DBCOP has an established Research and Innovation Cell (RIC) with the objective of fostering research activities within the college. RIC in consultation with IQAC strives hard to create a conducive environment for doing research in key areas related to Pharmaceutical Sciences having global and social relevance.
- 12 projects have been conducted with a total grant amount received of Rs. 1,15,41,591 (One crore fifteen lakhs forty-one thousand five hundred and ninety-one rupees) from various Govt/non-Govt organizations. Almost 10 patents were published out of which 01 Australian patent has been granted.
- Total number of 83 research papers were published in peer-reviewed indexed journals (Scopus/Web of Science/UGC care) with a cumulative impact factor of 58.744 and 389 citations during the assessment period. Faculty have authored 04 International books 08 National books and 17 chapters have been published in various international books of reputed agencies.
- To promote multidisciplinary and interdisciplinary research institute has signed 13 MOUs to assist the faculty and students exchange program.
- DBCOP has a well-established research center approved as a 'Place of Higher Learning and Research' by the affiliated university RTM Nagpur University, Nagpur. The research lab of the institute has been approved by the Department of Scientific and Industrial Research (DSIR), New Delhi, and has been recognized as Scientific Industrial Research Organization (SIRO) with certification.
- The DBCOP is involved in a variety of social activities within the local community. The National Service Scheme (NSS) unit, Ambe Durga Education Society (ADES), Unnat Bharat Abhiyan and the Women Development Cell (WDC) host a variety of social outreach programs to familiarise students with the concept and practice of social responsibility for conducting many social events.
- Some of them have also gone on to do humanitarian work in a variety of fields. IQAC and NSS Cell of DBCOP started the campaign "Share the Happiness" with needy people like old age person, orphan children's and with animals. Students of B. Pharm and M. Pharm were actively participated in this event. Some students went to "Panchavati Vrudhashram" Spent time with old age people, clean the premises etc.

Infrastructure and Learning Resources

- The institution has an infrastructural facility as per the requirements laid down by various regulatory bodies. Infrastructure development, expansion and maintenance is regularly carried out as per the updates and requirements from regulatory bodies.
- Institute prepares budget every year and accordingly spends amount for infrastructure augmentation, and maintenance of physical and academic support facilities.
- The institute have well maintained classrooms, laboratories, playground, seminar hall, conference hall, gymnasium, yoga center, library, digital language laboratory, computer laboratory, administrative area, cafeteria, common rooms for boys and girls, reprographic center, recreational spaces, animal house, medicinal plant garden, exam room, toilets, parking space, safe drinking water facilities etc.
- Classrooms are equipped with modern ICT facilities. The laboratories are well-equipped with sophisticated instruments and have power back up (UPS).
- Cultural activities are performed in open air theatre and seminar hall to encourage hidden skills of students. The Institution has well equipped gymnasium with all modern instruments required for the fitness and yoga center for meditation. The institute provides a large, well-kept playground for various sports.
- The Institute have well maintained spacious library. The automated Sack Info 2.5 software and Online Public Access Catalogue (OPAC) are available for searching and issue/return of books. Separate reading room is available for students, teachers and for divyangs. The college e-library have memberships of

prestigious libraries such as, N-List, DELNET, e-shodhsindhu and National Digital Library. The library have adequate numbers of text books, reference books, journals, e-books, e- journals, M. Pharm. dissertation copies and other general reading books.

- Institute provided adequate IT facilities to students and staff. The student computer ration is 4.85. The institute is well equipped with high speed 100 Mbps internet facility from BSNL and JIO through LAN and Wi-fi system at every work place. The College has employed a full time IT consultant for maintenance and support of the ICT infrastructure.
- The college made every efforts to provide facility like ramp with bar, automated elevator, specially designed toilet etc. for divyangs. For uninterrupted supply of electricity, the Institute is having a generator (64 KW).

Student Support and Progression

- Percentage of students who benefited from scholarships and freeships provided by the Government and Non-Government agencies during the last five years is 53.89%.
- Capacity building and skills enhancement initiatives on soft skills, Language and communication skills, Life skills, and ICT/computing skills are regularly taken by the institution.
- 70.67% of students benefitted from guidance for competitive examinations and career counseling offered by the Institution during the last five years
- The Institution has a transparent mechanism for the timely redressal of student grievances including sexual harassment and ragging cases. The grievance redressal process ensures the proper implementation of guidelines given by statutory/regulatory bodies. Students are made aware of institutional policies with zero tolerance for these issues. Mechanisms for submission of online/offline students' grievances are facilitated.
- 74.19 % of outgoing students placed and progressed to higher education during the last five years.
- 32.77 % of students qualified in GPAT/CAT/ MAT/ ILTS/NIPER/PET examinations during the last five years.
- Total of 06 awards and medals are achieved for outstanding performance in sports, and cultural activities at University, state, and national levels during the last five years.
- 14.6 is the average number of sports and cultural programs in which students of the institution participated during the last five years.
- DBCOP Alumni association was established on 2nd January 2018. The alumni association has registered under the Society registration act 1860 under the government of Maharashtra. The registration number assigned is Nagpur/0000001/2018. Approximately 893 students of B. Pharm. and M. Pharm have passed out from DBCOP since 2010. A total of 286 students have enrolled their name with Alumni Association.
- Campus connect program was organized by Alumni in association with DBCOP for carrier guidance, employability, communication, and personality development.
- Alumni Association has generously contributed fund of Rs. 1,82,510/- to student of DBCOP Ms. Priyanka Maladhare who was suffering from leukemia.

Governance, Leadership and Management

- All activities of the institution are directed as per the vision and mission of DBCOP. Activities such as infrastructure planning, academic execution, teaching-learning process, and Memorandum of Understanding with companies and academia are targeted towards achieving the institutional Vision and Mission. Financial and administrative powers are decentralized for the smooth functioning of the regular activities at the college.
- At the beginning of the academic session, all academic and administrative committees are updated as per the performance of committee members. On behalf of the Principal, the committee secretary discharges responsibilities for the smooth functioning of the committee. Cultural events, scientific programs, and academic decisions are carried out by committees.
- Administration, Finance and Accounts, Student Admission and Support, Examination activities are Implementation using e-governance software.
- Welfare measures practiced at DBCOP for teaching and non-teaching staff are - Health insurance covering all family members, Accidental policy, Advance salary, Regular health check-up, Research incentive schemes, Support for child education, Support for higher education, Flexible leave structure.
- DBCOP is a self-financed private institute. All financial activities are based on one source of income i.e. student fees including student scholarships received by Govt. of Maharashtra against their admission.
- Salary, equipments, and chemical purchases, affiliation fees, book purchase, and general maintenance are the main expenditure for every financial year.
- Funds received from Govt. agencies for different research projects are utilized as per the financial declaration given in the project proposal. This fund is mainly utilized for purchasing equipments, and chemicals.
- Optimum utilization is achieved by offering consultancies for testing samples on sophisticated equipments, such as HPLC, FTIR, GC, etc.
- DBCOP's Internal Quality Assurance Cell (IQAC) has significantly contributed to the execution of strategies and ideas for overall college development. IQAC members regularly meet to take on new initiatives and review the overall progress. Several policies are developed by IQAC. The administrative and academic committee is updated every year. IQAC ensures quality in strategy implementation and processes through regular review meetings.

Institutional Values and Best Practices

- DBCOP consistently strives to inculcate professional and social values in all stakeholders and ensures that these values are reflected in all aspects of its functions. To accomplish this, the college is dedicated to sensitizing students about their responsibilities to society and the country as well as environmental awareness, gender equality, and inclusiveness.
- The college has adopted green practices like the use of LED lights and making the campus a single-use plastic-free zone as a step towards educating students about the environment and making the campus environment-friendly.
- To ensure environmental sustainability, regular green audits on the environment and energy are conducted. With the aid of MoUs accomplished with particular vendors, the disposal of generated waste, including cellulose and paper waste, chemical waste, broken glassware, and e-waste, is properly managed. Besa-Beltaroti Panchayat Samiti collects and decomposes the regularly generated waste in the college. This makes the campus a green campus having well-grown trees which are maintained using water conserved by rainwater harvesting and drip irrigation.
- In addition, the college organizes commemorative days to promote social harmony, inclusiveness,

patriotism, and compassion. Through various programs held regularly, the college effectively promotes gender equality. Furthermore, any personal or academic problems that the student may have are addressed by the assigned mentor.

- The college has an effective Code of Conduct policy for both students and staff, and their safety is ensured through the vigilance of security personnel and CCTV cameras. The college provides Divyangjan with desired amenities such as a lift, railing, disabled-friendly washrooms, display boards, and divyang buddy (a person who helps the disabled).
- To provide maximum benefit to the students, the college has adopted, a “Student Support System for Unseen Events” and “Building Character of Students by offering them Societal Responsibilities”.
- Besides these best practices, the college believes in institutional distinctiveness by incorporating value-added courses such as “VRIDDHI” (value-ridden initiatives and development of institutions for distinctive identity). VRIDDHI is a concept developed at DBCOP to ensure the distinctiveness of the institution through value-added initiatives such as the introduction of certificate courses, start-up (entrepreneurship) initiatives, etc.

2. PROFILE

2.1 BASIC INFORMATION

Name and Address of the College	
Name	DADASAHEB BALPANDÉ COLLEGE OF PHARMACY
Address	Dadasahebpande College of Pharmacy, Near Swami Samarth Mandir, Besa Square, Nagpur, 440037
City	NAGPUR
State	Maharashtra
Pin	440037
Website	www.dbcop.org

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Principal	Ujwala Mahajan	07103-281244	8275013831	-	dbcop.office@gmail.com
IQAC / CIQA coordinator	Ajay G. Pise	07103-281277	9503056353	-	ajaygpise@gmail.com

Status of the Institution	
Institution Status	Self Financing

Type of Institution	
By Gender	Co-education
By Shift	Regular

Recognized Minority institution	
If it is a recognized minority institution	No

Establishment Details

State	University name	Document
Maharashtra	The Rashtrasant Tukadoji Maharaj Nagpur University	View Document

Details of UGC recognition		
Under Section	Date	View Document
2f of UGC	06-03-2018	View Document
12B of UGC	09-09-2019	View Document

Details of recognition/approval by stationary/regulatory bodies like AICTE, NCTE, MCI, DCI, PCI, RCI etc (other than UGC)				
Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day, Month and year (dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	23-06-2021	12	
PCI	View Document	25-07-2022	12	

Recognitions	
Is the College recognized by UGC as a College with Potential for Excellence (CPE)?	No
Is the College recognized for its performance by any other governmental agency?	No

Location and Area of Campus				
Campus Type	Address	Location*	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Dadasaheblpande College of Pharmacy, Near Swami Samarth Mandir, Besa Square, Nagpur, 440037	Rural	2.5	6162

2.2 ACADEMIC INFORMATION

Details of Programmes Offered by the College (Give Data for Current Academic year)						
Programme Level	Name of Programme/Course	Duration in Months	Entry Qualification	Medium of Instruction	Sanctioned Strength	No. of Students Admitted
UG	BPharm, Ug	48	HSC	English	116	107
PG	MPharm, Pharmaceuticals	24	B Pharm	English	16	15
PG	MPharm, Pharmaceutical Quality Assurance	24	B. Pharm	English	16	15
PG	MPharm, Pharmaceutical Regulatory Affairs	24	B. Pharm	English	16	15
Doctoral (Ph.D)	PhD or DPhil, Phd	36	M. Pharm	English	10	9

Position Details of Faculty & Staff in the College

Teaching Faculty												
	Professor				Associate Professor				Assistant Professor			
	Male	Female	Others	Total	Male	Female	Others	Total	Male	Female	Others	Total
Sanctioned by the UGC /University State Government	5				9				21			
Recruited	2	2	0	4	5	2	0	7	4	17	0	21
Yet to Recruit	1				2				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				0			
Recruited	0	0	0	0	0	0	0	0	0	0	0	0
Yet to Recruit	0				0				0			

Non-Teaching Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				32
Recruited	18	14	0	32
Yet to Recruit				0

Technical Staff				
	Male	Female	Others	Total
Sanctioned by the UGC /University State Government				0
Recruited	0	0	0	0
Yet to Recruit				0
Sanctioned by the Management/Society or Other Authorized Bodies				0
Recruited	0	0	0	0
Yet to Recruit				0

Qualification Details of the Teaching Staff

Permanent Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	2	2	0	5	2	0	1	0	0	12
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	2	2	0	5	2	0	4	17	0	32
UG	0	0	0	0	0	0	0	0	0	0

Temporary Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	0	0	0
UG	0	0	0	0	0	0	0	0	0	0

Part Time Teachers										
Highest Qualification	Professor			Associate Professor			Assistant Professor			
	Male	Female	Others	Male	Female	Others	Male	Female	Others	Total
D.sc/D.Litt/LLD/DM/MCH	0	0	0	0	0	0	0	0	0	0
Ph.D.	0	0	0	0	0	0	0	0	0	0
M.Phil.	0	0	0	0	0	0	0	0	0	0
PG	0	0	0	0	0	0	0	1	0	1
UG	0	0	0	0	0	0	0	0	0	0

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	2	0	0	2

Provide the Following Details of Students Enrolled in the College During the Current Academic Year

Programme		From the State Where College is Located	From Other States of India	NRI Students	Foreign Students	Total
UG	Male	43	0	0	0	43
	Female	67	0	0	0	67
	Others	0	0	0	0	0
PG	Male	13	0	0	0	13
	Female	34	0	0	0	34
	Others	0	0	0	0	0
Doctoral (Ph.D)	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0
Certificate / Awareness	Male	0	0	0	0	0
	Female	0	0	0	0	0
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Category		Year 1	Year 2	Year 3	Year 4
SC	Male	4	3	3	2
	Female	6	3	9	3
	Others	0	0	0	0
ST	Male	1	0	1	0
	Female	4	2	2	1
	Others	0	0	0	0
OBC	Male	25	11	15	12
	Female	55	39	32	45
	Others	0	0	0	0
General	Male	23	7	8	2
	Female	27	19	14	15
	Others	0	0	0	0
Others	Male	3	6	1	4
	Female	9	4	3	2
	Others	0	0	0	0
Total		157	94	88	86

Institutional preparedness for NEP

1. Multidisciplinary/interdisciplinary:	<p>We at DBCOP believe in multidisciplinary and interdisciplinary academic and research sharing for the overall growth of the institution. We have initiated seven MoUs with Pharmaceutical companies and academic institutions. UG and PG students are undergoing industrial projects and training in the multidisciplinary area. DBCOP has established MoU for research and academics with two veterinary colleges in the vicinity. MoU with Datta Meghe Institute of Medical Sciences is mainly focusing on research collaboration with medical sciences. Also, we have established MoU with Gou-Vigyan Anusandhan Kendra Deolapar. Students are working on research projects under these MoU.</p>
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2. Academic bank of credits (ABC):	DBCOP has started preparation for the Academic Bank of Credits (ABC). DBCOP has generated an institutional ABC account. A detailed presentation was given by a senior faculty member to staff on the concept of ABC. Students are informed about the importance of ABC, they are advised to register their aadhar to ABC. It is expected that all the students will register for ABC by the end of this academic session.
3. Skill development:	Skill development of students and faculty members is a priority at DBCOP. Value-added courses are specially designed at DBCOP to sharpen the required skills of students. We have well equipped central laboratory for sophisticated equipments. For optimum utilisation of this facility institute has developed a certificate course in Advanced Analytical Equipment Handling Certificate Course (AAEHC) for B. Pharm and M. Pharm students. A certificate course in Employability Skills is offered to final-year students to train them on placement-related skills. The certificate course in Elevating Ethical Practices in Pharmacy Profession (EEPPP) is conducted for B. Pharm second-year students. Faculty members are encouraged to participate in Faculty Development Programs to enrich their skills.
4. Appropriate integration of Indian Knowledge system (teaching in Indian Language, culture, using online course):	Cultural activities are conducted every year to showcase the diversity of Indian tradition and culture. Participation of students in several cultural events ensures respect and value-learning of the Indian culture. Indian Traditional Knowledge is most respectable and valuable for developing Pharmaceutical formulations. Doctoral research work on herbal contraceptives is based on Indian Tribal Knowledge at DBCOP is best example of Indian Knowledge System. Research work under MoU established with Gou Vigyan Anusandhan Kendra Devlapar is another best initiative by DBCOP to promote the Indian Knowledge System.
5. Focus on Outcome based education (OBE):	All efforts at DBCOP are targeted to achieve Outcome Based education system. The traditional teaching-learning approach has been gradually replaced with new pedagogy. Faculty members are trained in novel teaching-learning methodologies. Students are exposed to different teaching styles including- brainstorming, discussion, assignment, online tools etc.

6. Distance education/online education:	Online platform is used to facilitate teaching-learning during lockdown period. Classes and practicals were conducted using google classrooms, zoom and google meet. Webinars also conducted using online platform. Many guest lectures are organised using online platform.
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Extended Profile

1 Students

1.1

Number of students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
412	334	305	304	278

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2 Teachers

2.1

Number of teaching staff / full time teachers during the last five years (Without repeat count):

Response: 36

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2

Number of teaching staff / full time teachers year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
29	24	24	23	20

3 Institution

3.1

Expenditure excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
137	130	137	149	173

4. Quality Indicator Framework(QIF)

Criterion 1 - Curricular Aspects

1.1 Curricular Planning and Implementation

1.1.1 The Institution ensures effective curriculum planning and delivery through a well-planned and documented process including Academic calendar and conduct of continuous internal Assessment

Response:

Being a permanently affiliated Institution, the college has scrupulously adopted a curriculum designed and developed by Rashtrasant Tukadoji Maharaj Nagpur University.

Curriculum planning: The principal conducts a meeting with the **Academic Monitoring Committee (AMC)**, composed of Academic Incharges and class teachers. The College **academic calendar** is carefully planned by the academic calendar of RTM Nagpur University and circulated to all stakeholders well in advance. Distribution of subjects, class teachers, and teacher guardians are assigned. **Timetables** for the respective semester are provided to the faculty and filed in their course file. The examination department provides the timetable for regular and revised internal exams and communicates the University exam schedule to the faculty. Faculty members need to prepare and communicate the **teaching plan** of each course to respective students and filed it in the course file. Academic Calendars and timetables are also displayed on notice boards and the website to aware stakeholders. Every laboratory in charge ensures that the **laboratory file** is maintained which includes a subject-wise list of all experiments to be conducted in the laboratory and a list of chemicals, reagents, apparatus, and laboratory timetable. Maintenance of equipment and instruments is regularly carried out to ensure that practicals can be conducted without any interruption. The stock of chemicals, apparatus, and glassware is checked at the end of each year, and requirement for the same is prepared in advance and submitted to appropriate authorities for further action.

Curriculum delivery: Various Pedagogy is adopted through theory sessions by using audio-visuals, chalk-talk, charts, models, tutorial classes, term papers, assignments, quizzes, and laboratory sessions supported by handling sophisticated instruments. **Student-centric methods** are adopted such as experiential learning through peer teaching, assignments, posters, participative learning through learning projects, discussions through journal club (P.G.), and assignments. Class teachers closely monitor the class curriculum throughout the year.

Owing to the constraints of being affiliated with RTMNU, complete autonomy in the syllabus is not possible. Hence to keep the student's updated industry visit tours are organized each year. The planning and completion of the curriculum are strictly executed through a review of the **teaching and execution plan**. Evaluation of students is pursued according to the evaluation and assessment process stipulated by RTMNU. There are two internal tests (sessional examination) mandatorily held to check the internal performance of students. The syllabus for each sessional examination is informed in advance to students and conducted accordingly. During practical hours students are evaluated for their performances, analytical skills, and oral examinations. Maximum usage of **ICT-based teaching** is encouraged to improve student involvement. Every teacher is given the responsibility of at least 15 students as Mentors. Challenging, and motivated students are identified and special efforts are taken to strengthen them. Guest lectures by eminent academicians, scientists, and industry professionals are a valuable addition to the curriculum delivery process. DBCOP also organized as well as encourage staff and students to participate in various

Seminars, conferences, and workshops to understand the current scenario in the field.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.2 Academic Flexibility

1.2.1 Number of Add on /Certificate/Value added programs offered during the last five years

Response: 11

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.2.2 Percentage of students enrolled in Certificate/ Add-on/Value added programs as against the total number of students during the last five years

Response: 63.63

1.2.2.1 Number of students enrolled in subject related Certificate/ Add-on/Value added programs year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
410	306	137	138	48

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.3 Curriculum Enrichment

1.3.1 Institution integrates crosscutting issues relevant to Professional Ethics, Gender, Human Values, Environment and Sustainability into the Curriculum

Response:

The curriculum for the B. Pharm. and M. Pharm. programs are created to instill professional ethics for the advancement of professional knowledge, skills and gender equality for the equal level of thinking in male and female students. Human values are inculcated within students for the development of the best character in students, and environmental and sustainable development education for the benefit of people. The following activities are used to address these challenges within the curriculum.

Professional Ethics:

- Communication Skills (B. Pharm. Sem I) inculcates professional ethics through communication skills like speaking, writing, listening, observing, and empathizing with things.
- Environmental Sciences (B. Pharm. Sem II) highlights on the study of environmental issues, safety, and health hazards in the pharma industry.
- Pharmaceutical Jurisprudence (B. Pharm. Sem V) educates laws obeyed during pharmaceutical manufacturing, sales, distribution, import, and export processes. It outlines the standards of professionalism that must be met to practice pharmacy.
- Research Methodology (M. Pharm. Sem III) study offers rules and regulations related to ethics in the pharmaceutical industry and the research methodology study covers the methods to carry out research for societal benefit.
- Sensitization of students towards co-curricular activities is done through active participation in various competitions.
- The Code of Conduct is followed by faculty, staff, and students.
- Organised University approved certificate course on Elevating Ethical Practices in Pharmacy Profession for students which creates awareness among students about ethics to be followed in the pharmacy profession.
- Organized online webinar on IPR and patent process.

Gender Issues:-

- Equal representation and participation of students in Sports, Cultural, Curricular, Extracurricular, and Extension activities.
- Guest lectures were organized on menstrual hygiene care and the role of women in nation-building.
- There are separate common areas for both boys and girls.
- An institutional cell deals with particular gender-related issues.

Human Values:-

- Human values are inculcated by studying curriculum subjects like communication skills, Environmental Sciences, and Pharmaceutical Jurisprudence in students.
- Celebrates Constitution day every year to commemorate the adoption of the constitution of India
- Human values are upheld by setting up health check-up camps in nearby places and villages, yoga day celebrations, and Covid-19 vaccination camps.
- Conducted a 'Share the Happiness' campaign in an adopted village and old age home.
- Seven faculty members have completed AICTE's FDP on Universal Human Values in the technical institution.

Environment and Sustainability:-

- The Environmental Sciences (S. Y. B. Pharm) projects were given to the students as a part of the

curriculum.

- The field visit was organized for the study of medicinal plants.
- Environmental and sustainability-related events including tree plantings, biodiversity avenues, and world earth day were organized in the college.
- Regular tree planting is done to maintain ecological balance and attain peace with nature. For various programs, we prefer to use saplings by donating plants into it to nurture nature.
- The college has well maintained Medicinal Garden as well as a tobacco and plastic-free campus.
- The collection of e-waste is done and supplied to the appropriate vendor.
- The college has a Certified Green audit.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

1.3.2 Percentage of students undertaking project work/field work/ internships (Data for the latest completed academic year)

Response: 81.8

1.3.2.1 Number of students undertaking project work/field work / internships

Response: 337

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

1.4 Feedback System

1.4.1 Institution obtains feedback on the academic performance and ambience of the institution from various stakeholders, such as Students, Teachers, Employers, Alumni etc. and action taken report on the feedback is made available on institutional website (Yes or No)

Response: Yes

File Description	Document
Upload supporting document	View Document

Criterion 2 - Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Enrolment percentage

Response: 93.58

2.1.1.1 Number of students admitted year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
157	94	90	86	83

2.1.1.2 Number of sanctioned seats year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
164	102	99	90	90

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.1.2 Percentage of seats filled against seats reserved for various categories (SC, ST, OBC, Divyangjan, etc. as per applicable reservation policy during the last five years (Exclusive of supernumerary seats)

Response: 65.35

2.1.2.1 Number of actual students admitted from the reserved categories year - wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
37	24	20	26	25

2.1.2.2 Number of seats earmarked for reserved category as per GOI/ State Govt rule year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
52	38	35	40	37

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.2 Student Teacher Ratio

2.2.1 Student – Full time Teacher Ratio (Data for the latest completed academic year)

Response: 14.21

2.3 Teaching- Learning Process

2.3.1 Student centric methods, such as experiential learning, participative learning and problem solving methodologies are used for enhancing learning experiences using ICT tools

Response:

Traditional methods of teaching using classroom teaching with chalk and board and one-way communication from the teacher is still in existence. To improve learning, teacher-centric methods need to be transformed into the student-centric methodology. Dadasaheb Balpande College of Pharmacy provides all the necessary platforms for students to participate and showcase their talent and knowledge to enhance the learning and experiences related to the same. These methods used are helpful in assessing the extent of knowledge gained during the learning life, improving confidence and exploring the challenges of the competitive world. The following are some of the student-centric methods (experiential, participative and problem-solving) that are followed by the college.

- The students participate in research and review projects at B. Pharm and M. Pharm Levels to enhance their research skills.
- The students are motivated to prepare posters and models to portray their subject-related knowledge and innovative ideas which is helpful to improve their presentation skills.
- Industrial visits are arranged to make the students aware of the working of various areas of the pharmaceutical industry.
- Students of B. Pharm third year and B. Pharm final are sent for Industrial training of 4 weeks or more. During the industrial training, students get acquainted with the working of various departments in the pharmaceutical industry, and they are also exposed to the problems faced by the industry and the solution thereupon.
- The college encourages the participation of graduation and post-graduation students in national and international competitions like quiz competitions, poster presentations, seminars/ conferences/

workshops/symposiums, etc. Apart from this, the students are also sent for a field visit to get acquainted with the medicinal plants which are not available in the college.

- The students perform practicals/experiments during their practical hours and respective teachers encourage them to solve the problems which arise in the practicals.
- Think pair share method to allow students to have a brainstorming group discussion.

Also, the use of ICT methods helps to increase the involvement of students to improve the student-centric learning approach. Different ICT tools like LCD projectors, Lecture capturing systems, Interactive smart boards, Smart classrooms, Internet connections in classrooms, etc are being used by teachers during lectures and practicals.

- Various software such as Chems sketch, Mendeley, ADME, docking, DoE, Simulation PK solver, Chrome card GC, particle size analyzer (Kalliope), Lab solution chromatography and spectroscopy, Avogadro's software, Discovery studio are used during the practicals and projects.
- Google forms, Testmoz, Mentimeter, etc., are used for evaluation.
- Use of google classrooms for the post of materials (Youtube demonstration videos link and other materials), quizzes, assignments, etc., are encouraged.
- Licensed google meet software is employed for online teaching and guest lectures.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Percentage of full-time teachers against sanctioned posts during the last five years

Response: 100

2.4.1.1 Number of Sanctioned posts / required positions for teaching staff/ full time teachers year wise during the last five years:

2021-22	2020-21	2019-20	2018-19	2017-18
29	24	24	23	20

File Description	Document
Upload supporting document	View Document

2.4.2 Percentage of full time teachers with NET/SET/SLET/ Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. during the last five years (consider only highest degree for count)

Response: 35**2.4.2.1 Number of full time teachers with NET/SET/SLET/Ph. D. / D.M. / M.Ch. / D.N.B Superspeciality / D.Sc. / D.Litt. year wise during the last five years**

2021-22	2020-21	2019-20	2018-19	2017-18
11	09	09	07	06

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.5 Evaluation Process and Reforms**2.5.1 Mechanism of internal/ external assessment is transparent and the grievance redressal system is time- bound and efficient****Response:**

The institution is affiliated to Rashtrasant Tukadoji Maharaj Nagpur University. The curriculum and examination pattern are prescribed by the Pharmacy Council of India. During the COVID-19 pandemic, sessional examination theory and practical both were conducted online through Google classroom. In regular practice offline mode is followed. Assessed answer sheets are referred back to the students for their self-assessment and the signature of students is taken on the answer sheet indicating transparency of the system.

RTMNU displays an academic calendar for the respective semester to conduct University examinations (Regular and Backlog) Theory and Practical marks entry and declaration of results. Then accordingly the college prepares a schedule for the conduction of revised and regular internal sessional examinations (T/P). The schedule is intimated to students which are time-bound. Two sessional exams are conducted for each theory / practical course as per the schedule fixed by the college for UG and PG. The marks for the theory sessional examination are 25 which includes 15 marks for the theory sessional paper and 10 marks for continuous assessment. Similarly for the practical sessional examination, there are 15 marks which include 10 marks for practical sessional examination and 5 marks for continuous assessment. The marks are entered online on the provided university portal within the stipulated time as notified by the university. Continuous assessment marks include day-to-day student performance, student-teacher interaction, and percentage attendance for UG and PG students.

In case of copy and other types of misconduct during the examination, the student is not allowed to give the examination allotting zero marks and this student has to submit an apology letter signed by the Principal.

External examination of UG/ PG students is conducted by RTM Nagpur University during the summer and winter sessions of the respective year. University examination comprises theory (75 marks) and practical (35 marks) examination which is conducted at the centers allotted by the university.

During the pandemic, the university examination was conducted online and some of the examinations were conducted offline at the respective college centers. For practical examinations as well as UG/PG projects university appoints external examiners.

The grievance redressal system of the examination is available for solving the grievances of the students if any. Any grievances related to university examinations are solved by the college communicating the same to the university.

If students have any doubts regarding the assessment/ revaluation of answer sheets then he/she can demand a photocopy of the assessed answer sheet. Once the student receives the online photocopy of the answer sheet, the student consults with the respective subject teacher and takes his/ her opinion, and then further processed for rechecking and revaluation is carried out within 10 days. The result of revaluation is declared within 45 days. If there is any change in marks, the university makes the changes and if there is no change the marks are retained.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Programme Outcomes (POs) and Course Outcomes (COs) for all Programmes offered by the institution are stated and displayed on website and attainment of POs and COs are evaluated

Response:

Programme Outcomes (POs) of B. Pharm. have been displayed on the website as well as at prominent locations on college premises to spread awareness among the students. The experts talk and video lectures by the eminent speakers were conducted for the faculty members to give them an idea about POs and their role in teaching and Learning. Academic Monitoring Committee has been instructed with general guidelines to frame the Course Outcomes (COs). There are four COs for theory and practicals. Faculty members have been informed to incorporate Bloom-level action verbs I-IV (Theory) & I-V level (Practical) of the Cognitive, Affective and Psychomotor domains. Knowledge, condition and criterion components are also considered for framing COs. Various Teaching Learning Methodologies have been implemented including the traditional approach, Kinesthetic Learning, Brainstorming sessions, think pair share, Discussion, Modelling, workshop, seminar, assignment, surveys, mini and major projects etc. Suggestions from stakeholders like industry and alumni have been taken in confirming the course outcomes statement.

CO-PO matrix is assigned by judging the importance of the particular CO in relation to the POs. If

the CO matches strongly with a particular PO then 3 is assigned, if it matches moderately with PO then 2 is assigned. If the CO matches neither strongly nor moderately to a particular PO, then 1 is assigned, else it is marked with the “ - ” symbol.

Course Outcomes of each Course are being communicated to the students along with the Academic session plan. In addition to this, teacher assigned to a particular course explain the course outcome (COs) in the very first class of the semester. Teacher highlight the importance of COs for the attainment of POs. In the sessional examination paper, each question is linked with their respective CO & PO and mentioned in the question paper. Course outcome attainment is computed based on direct assessment mode (contributing 80 %) in which marks obtained by the students in internal sessional examination (20%) and University examination Theory & Practical (80%) are considered. Direct attainment course outcome is evaluated based on target level for example if 50% of students are getting more than 50% average marks set as level 1 (low), if 60 % of students are getting more than 50% average marks set as level 2 (medium) and if 70 % students are getting more than 50% average marks set as level 3 (high). Direct attainment course outcome is calculated by the formula

$$CO = (x/y) \times 100$$

where x depicts the average secured marks of attempted students and y depicts for maximum marks. The CO's attainment for all courses during the I-VIII semester is calculated.

Indirect assessment contributes 20% to the attainment of Course Outcomes. It is evaluated based on rubrics for assignments, surveys, projects etc. as well as CO feedback taken from the students. Programme outcomes are also obtained by Likert scale evaluation of Graduate exit and alumni, employer survey.

Programme Outcome is calculated by using the formula for all courses.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

2.6.2 Pass percentage of Students during last five years

Response: 96.86

2.6.2.1 Number of final year students who passed the university examination year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
101	91	87	82	71

2.6.2.2 Number of final year students who appeared for the university examination year-wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
101	93	87	88	77

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

2.7 Student Satisfaction Survey**2.7.1 Online student satisfaction survey regarding teaching learning process****Response:**

File Description	Document
Upload database of all students on roll	View Document

Criterion 3 - Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

Response: 116.15

3.1.1.1 Total Grants from Government and non-governmental agencies for research projects , endowments, Chairs in the institution during the last five years (INR in Lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
59.35	21.20	31.45	2	2.15

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations and has initiatives for creation and transfer of knowledge

Response:

The institution has taken strong measures to create an eco-system for innovations that includes an Entrepreneur Development Cell (EDC) and other initiatives for the creation and transfer of knowledge. The institute has constituted Research and Innovation Cell (RIC) to facilitate and monitor the research activities of the faculty members and students of the institute.

RIC encourages and guides faculty members to submit research proposals to various funding agencies. It also motivates faculty and students to publish/present their research work in reputed journals /various national and international conferences. Seminars, conferences, and workshops are being regularly organized and faculty members are insisted to participate in FDP/ QIP/STTP, etc.

Institute also has constituted Institute Innovation Cell (IIC) under which several programs have been conducted to promote the innovation ecosystem like an idea club competition held during a science day celebration.

RIC through Ambe Durga Education Society (ADES) has launched a “Research Initiative and Incentive Scheme” in September 2021 for the faculty members of the institute. The main objective of this initiative is to foster the research culture in the institute. There are three schemes under this initiative as below:

1. Best Research Project (BRP) scheme for UG, PG, and Ph.D. research students get financial aid of 25K, 50K, and 1 lakh respectively. This fund has been given as seed money to conduct the in-depth study during the project work for getting valuable outcomes out of that research.
2. Collaborative Research Program (CRP) to foster interdisciplinary and multidisciplinary research. Under this scheme, faculty will get monetary benefits for their research outcomes like publications, presentations, patents, etc. with the collaborative organization.
3. Research Outcome Incentives (ROI) for motivating the faculty for conducting quality research with some valuable outcomes. Under this scheme, faculty will get monetary benefits for their research outcomes like publications, presentations, patents, consultancies, etc.

The institute has well-equipped laboratories, a central instrument room; CPCSEA approved animal house facility to cater to the needs of researchers. A pilot plant has also been set-up for practicing industrial operations and product development under the project works of students. Some equipments are procured only to boost research activity like a fluid bed processor, spheronizer, and extruder which are not included in the curriculum.

Journal club has also been constituted to inculcate the research temperament and also to enhance the skills like literature search, reading of relevant literature, and communication skills among students.

The institute has Intellectual Property Rights (IPR) Cell which constantly encourages students and faculty members to file for patents and arranges lectures/workshops on IPR awareness every year.

Institute has strong linkages through MOU with some reputed organizations like Nagpur veterinary college, Nagpur, Datta Meghe Institute of Medical Sciences, Wardha, Kamdhenu Vishwavidyalaya, Durg. Liaison has been established for student and faculty exchange with several Pharma companies like Lupin Ltd., Enaltec labs, Fusion labs, Brill Pharma, Zim labs, BDA Pharmaceuticals, Snehal Pharma, Inventys research company, Chemfields cellulose, etc.

File Description	Document
Upload Additional information	View Document

3.2.2 Number of workshops/seminars/conferences including on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship conducted during the last five years

Response: 14

3.2.2.1 Total number of workshops/seminars/conferences including programs conducted on Research Methodology, Intellectual Property Rights (IPR) and entrepreneurship year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
5	1	4	2	2

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3 Research Publications and Awards

3.3.1 Number of research papers published per teacher in the Journals on UGC care list during the last five years

Response: 2.31

3.3.1.1 Number of research papers in the Journals notified on UGC CARE year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
23	26	09	19	6

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.3.2 Number of books and chapters in edited volumes/books published and papers published in national/ international conference proceedings per teacher during last five years

Response: 4.47

3.3.2.1 Total number of books and chapters in edited volumes/books published and papers in national/ international conference proceedings year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
28	15	64	48	06

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.4 Extension Activities

3.4.1 Extension activities are carried out in the neighborhood community, sensitizing students to social issues, for their holistic development, and impact thereof during the last five years.

Response:

The Dadasaheb Balpande College of Pharmacy is active in several neighbourhood social events. To introduce students to the idea and practise of social responsibility, the National Service Scheme (NSS) unit, Ambe Durga Education Society, Unnat Bharat Abhiyan, and the Women's Development Cell (WDC) offer a range of social outreach programmes. Extension programmes not only instil a sense of civic responsibility in the students of our college, but they also make them aware of important societal issues.

The following major extension events are organized:

- Through webinars, the importance of the Covid-19 vaccination was conveyed to students and the general public.
- During pandemic emergency, masks and hand sanitizer were distributed to Corona warriors.
- In understanding the Covid situation for motivation and social connection we organized an online video and engagement programme, as well as question-answer sessions on sustainable development of the environment, women's rights and hunger.
- Majorly NSS unit of DBCOP regularly organized events such as Tree Plantation, Road Safety Awareness, Sawacha Bharat Abhiyan, Blood Donation, Health Check-Up Camp, Pharmacist Week Celebration and Dengue, Swine flu and Malaria awareness activity every year.
- Since the last 2 years' celebration of **“Share The Happiness”** event which enhances the student to its social responsibility, we conducted events like time sparing time with older orphanage people, donation of certain essentials needy things to needy people, animal feeding and distribution of education kit to government school students.

Students have gained knowledge of the social, economic, and cultural concerns that have an impact on people's daily lives through these outreach and extension initiatives. Some of them have now gone on to engage in several humanitarian professions.

1. Ms Sakshi Agarkar, Ms Nupur Kalambe etc got the certificate of blood donation.
2. Ms Astha Jaiswal and Ms Sanjali Survey are socially active. Sanjali runs the campaign to treat roadside animals. Astha provides information related to Menstrual Hygiene, Cancer Awareness to society and Sanket Nande is actively involved Shivaji Maharaj Foundation.
3. Mr Gaurav Dhait and Mr Aditya Shobhane students from B.Pharm 3rd year have actively participated in the orphanage centre every year village Gadchiroli orphanage centre.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.2 Awards and recognitions received for extension activities from government / government recognised bodies

Response:

As DBCOP performs so many activities regarding societal issues and enhancing the moral values of our students so certain fruitful activities got appreciation in 2022. Ambe Durga Education Society was recognized by RTMNU, Nagpur for the **“Adarsh Shikshan Sanstha” Award**, Nupur Kalambe and the team secured 2nd prize at the regional level in video making competition on corona awareness organized under **Unnat Bharat Abhiyan, the flagship program of Government of New Delhi**.

In corona pandemic, the Corona worriers who provided medicines during the pandemic in the nearby location were appreciated by giving a token of appreciation (Trophy). During this pandemic situation, our faculty member Dr. Nilesh Mahajan fabricated a mortuary for COVID dead bodies and donated it to Government medical college and hospital and got a patent published. World pharmacist day video making competition in association with ACPI-VC was organized by DBCOP in which Vinay Bhurle and group won 1st prize. Since DBCOP places a high priority on fostering in students a sense of social and moral responsibility, the NSS Unit and other DBCOP units frequently engaged in outreach initiatives. On the auspicious occasion of Gurupurnima, Indira Gandhi Medical College and Hospital, Nagpur, appreciated a "Swachhata campaign". This cleanliness campaign raised public awareness of the need to prevent and control infection on the grounds of government hospitals, and in the academic year, DBCOP received recognition for its socially engaged work from the "Maharashtra Haritsena Membership" Certificate. The Gat Gram Panchayat in Velahari Nagpur received near about 25 plants from the DBCOP NSS cell as part of the "Tree Plantation and Tree Conservation Programme" and received a certificate of appreciation.

As we began the "Share The Happiness" campaign for the poor, our students, instructors, and other DBCOP support personnel enthusiastically participated in donating money, distributing necessities, giving up their time, feeding animals, and providing many other necessities to the poor. By engaging in this activity, several organizations have recognized us. For example,

- Some students have been recognized for visiting "Panchavati Vrudhashram" to spend time with senior citizens and cleaning the facility, among other things. Some students visited a primary school where they gave the kids supplies including pens, pencils, and books.
- Some students visited Yuva Jyothi Orphanage where they distributed necessities, shared birthday celebrations with the children, played games with them, and gave out fruit and biscuits to the kids.
- Students went to "Sevadham: Serving for Better Society" at Manish Nagar, Nagpur. While there, they delighted the residents by performing songs and bhajan with them and making them smile.
- Students from the third and second years of the B. Pharm program visited Chandrapur's "Animal Rescue Shelter: Hand to Paw". Students spent their time with animals.

Also, a General awareness program was organized by the Woman Development Cell of DBCOP on the occasion of International Action Day for women's health & menstrual hygiene day at Velahari Grampanchayat, where the health checkup camp and a session on woman's hygiene during menstruation was arranged for women.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

3.4.3 Number of extension and outreach programs conducted by the institution through NSS/NCC/Red cross/YRC etc., (including the programmes such as Swachh Bharat, AIDS awareness, Gender issues etc. and/or those organised in collaboration with industry, community and NGOs) during the last five years

Response: 27

3.4.3.1 Number of extension and outreach Programs conducted in collaboration with industry, community, and Non- Government Organizations through NSS/ NCC/ Red Cross/ YRC etc., year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
6	4	6	6	5

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

3.5 Collaboration

3.5.1 Number of MoUs, collaborations/linkages for Faculty exchange, Student exchange, Internship, Field trip, On-the- job training, research and other academic activities during the last five years:

Response: 26

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 4 - Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 Availability of adequate infrastructure and physical facilities viz., classrooms, laboratories, ICT facilities, cultural activities, gymnasium, yoga centre etc. in the institution

Response:

The institution has an outstanding infrastructural facility as per the requirements laid down by various regulatory bodies for barrier-free teaching-learning process. The facilities are upgraded according to the need of higher education and are well maintained.

The classrooms are well-ventilated and spacious with comfortable seating arrangements to make learning simple. Interactive modern ICT facilities like LCD projectors, Wi-Fi/ LAN facilities, etc. are made available for learning happily. The laboratories are well equipped with handy operational advanced infrastructure, equipment, and instruments with ample working space. Adequate infrastructure is available to keep and run available sophisticated instruments. Students are trained and encouraged to use highly sophisticated instruments. All sophisticated instruments are well maintained through annual maintenance contract and provided with SOPs and logbooks for efficient operation by students. Institute has a well-ventilated approved Animal house and is maintained as per CPCSEA guidelines.

The Seminar hall has a well-equipped acoustics system for organizing annual functions and cultural events. Institute also have open air theater where cultural activities are arranged. Students are encouraged to participate in various cultural activities like the Annual social gathering, Fresher's Party, Ganesh festival, etc.

The Institution has well equipped gymnasium with all modern instruments required for fitness. Yoga is performed by students and faculties in the Yoga centre to inculcate the importance of Yoga and meditation in human life. Every year Yoga Day is celebrated on the occasion of international yoga day.

The institute has a huge well maintained playground with provision for various outdoor sports activities like Cricket, Volleyball, Kabbadi, badminton, archery, etc., and well equipped hall for indoor games such as carom, chess, table tennis etc. Adequate sports accessories such as cricket kit, badminton rackets, volley ball, carom, chess etc. are made available to students. Students, faculty and supporting staff wholeheartedly takes part in games and sports competitions named "Sanskriti" which is well organized every year.

The institute has provided special ramps and wheel chair for easy movement of differently-abled persons. An automated elevator is also made available for smooth movement from any floor. The institute has installed significant number of CCTV cameras for safety and monitoring purpose. Fire safety alarms, fire safety exits and fire control equipments like fire extinguishers, fire pipelines throughout the building are in working condition.

Exam room have sufficient infrastructure to keep exam related record of students and provides the data whenever required. The administrative office is spacious with separate counters for attending the needs of students. The institute is equipped with wi-fi and fiber optic high speed up to 100 Mbps internet facility at every workplace. A well maintained Dhanavantari medicinal plant garden is developed where students visit to learn the various medicinal plant species. 24X7 generator power backup is provided as an alternative

power source in case of failure in the MSEB power supply. The institute also has a museum with an exhibition displayed along the corridor.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.1.2 Percentage of expenditure, excluding salary for infrastructure augmentation during last five years (INR in Lakhs)

Response: 29.31

4.1.2.1 Expenditure for infrastructure augmentation, excluding salary during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
42.221	55.94	29.67	22.40	62.54

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS), subscription to e-resources, amount spent on purchase of books, journals and per day usage of library

Response:

The Institute have well equipped spacious library with a carpet area of 262 square meters. The automated Sack Info 2.5 software and Online Public Access Catalogue (OPAC) are available for searching and issue/return of books. A separate reading room is available for students, teachers and for divyangjan. The institute always strives to provide the latest and best collection of books, journals and online sources to the students. Institutional library offers an enormous collection of books comprising both text and reference books related to the UG and PG Pharmacy courses. Apart from this, the library also have a collection of some general reading books covering the areas of motivational, leadership, interview techniques, soft skills, general management, Competitive examinations, stories etc. Also, in addition, competitive examination related books are available such as GPAT, UPSC, and MPSC. These books cover different examination areas like reasoning, aptitude, objective type questions, computer etc. The library reference reading section also provides its users project reports, hardbound journals consisting of a large number of

titles. The college library have 8798 book volumes, 31 printed journals, an adequate number of e-journals and e-books, and 194 M. Pharm. dissertation project books. Each student can issue 04 books at a time with prior permission. All the books are bar-coded and bar-code laser scanners are used in circulation counters for book transactions. A student approaches the counter for receiving a book, the book is searched by title, author and publisher. Students can physically access the stack area. The entry is made in Sack Info 2.5 software through student login and the book is registered as issued in the student's name. The college e-library have memberships of prestigious libraries such as, N-List, DELNET, e-shodhsindhu and National Digital Library. Through e-library direct access to online journals is made available for staff and students. Library also provides all the previously held university and college level examination question papers, along with the current syllabus. The Library committee looks after the entire mechanism of working of the Library. Provision is made to access the library services not only to regular students but also to ex-students. They can utilize the library resources by taking due permission from the Principal. Library also provides the reprographic requirements of the students and faculty members by allowing a dedicated reprographic facility within the library. Book bank facility is available for college students.

The annual expenditure of purchase of books/e-books and subscription to journals/e-journals during the year

Year	21-22	20-21	19-20	18-19	17-18
INR in Lakhs	9.38	1.64	4.67	3.65	3.59

Number per day usage of library by teachers and students (foot falls and login data for online access) (Data for the latest completed academic year): 35%-40%

Number of teachers and students using library per day over last one year

No. of users using the library through e-access: 20-30

No. of physical users accessing the library: 130-160

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities and provides sufficient bandwidth for internet connection

Response:

Computers are provided to faculties, students and administrative staff with internet facility. The institute is well equipped with high speed 100 Mbps internet facility from BSNL and JIO through LAN and Wi-fi system at every workplace including classrooms, laboratories, sophisticated instrument laboratory, faculty rooms, administrative offices, computer laboratory, language laboratory, library, seminar hall, conference hall etc. In addition, college have printers, document scanners, barcode scanners, interactive boards and LCD projectors.

The desktops are running on windows 7, windows 10 with office 2007 and office 2010 pro installed. Office automation packages like Open Office, MS Office and Antivirus are purchased by the college and updated regularly. The language laboratory consists of language laboratory software purchased from Biyani Technologies.

The college has digital library facility for accessing e-journals, e-books etc. through DELNET, National Digital Library, N-LIST and e-shodhsindhu subscriptions. The central instrumentation laboratory consists of computers connected to various sophisticated instruments. For Postgraduate students, experimental softwares are installed in the instrument laboratory. Classrooms are provided with LCD projectors, computers with multimedia facility and connected with Wi-Fi/LAN connectivity. The laboratories and seminar halls are provided with the facility of Wi-Fi/LAN connectivity for use of ICT enabled teaching. All IT related facilities are maintained through AMC and renewed every year. The College has employed a full time IT consultant for maintenance and support of the ICT infrastructure.

File Description	Document
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4.3.2 Student – Computer ratio (Data for the latest completed academic year)

Response: 4.85

4.3.2.1 Number of computers available for students usage during the latest completed academic year:

Response: 85

File Description	Document
Upload supporting document	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Percentage of expenditure incurred on maintenance of infrastructure (physical and academic support facilities) excluding salary component during the last five years (INR in Lakhs)

Response: 60.74

4.4.1.1 Expenditure incurred on maintenance of infrastructure (physical facilities and academic support facilities) excluding salary component year wise during the last five years (INR in lakhs)

2021-22	2020-21	2019-20	2018-19	2017-18
66.4	55.6	96.2	117.7	105.1

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 5 - Student Support and Progression

5.1 Student Support

5.1.1 Percentage of students benefited by scholarships and freeships provided by the Government and Non-Government agencies during last five years

Response: 53.89

5.1.1.1 Number of students benefited by scholarships and freeships provided by the Government and Non-Government agencies year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
200	163	166	180	171

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.2 Capacity building and skills enhancement initiatives taken by the institution include the following

1. Soft skills
2. Language and communication skills
3. Life skills (Yoga, physical fitness, health and hygiene)
4. ICT/computing skills

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.3 Percentage of students benefitted by guidance for competitive examinations and career counselling offered by the Institution during the last five years

Response: 70.67

5.1.3.1 Number of students benefitted by guidance for competitive examinations and career counselling offered by the institution year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
306	232	210	209	197

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.1.4 The Institution has a transparent mechanism for timely redressal of student grievances including sexual harassment and ragging cases

1. Implementation of guidelines of statutory/regulatory bodies
2. Organisation wide awareness and undertakings on policies with zero tolerance
3. Mechanisms for submission of online/offline students' grievances
4. Timely redressal of the grievances through appropriate committees

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

5.2 Student Progression

5.2.1 Percentage of placement of outgoing students and students progressing to higher education during the last five years

Response: 74.19

5.2.1.1 Number of outgoing students placed and / or progressed to higher education year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
36	71	73	75	67

5.2.1.2 Number of outgoing students year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
103	92	88	82	69

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.2.2 Percentage of students qualifying in state/national/ international level examinations during the last five years (eg: JAM/CLAT/GATE/ GMAT/ CAT/ GRE/ TOEFL/ Civil Services/State government examinations)

Response: 32.77

5.2.2.1 Number of students qualifying in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT/GRE/ TOEFL/ Civil Services/ Judicial Services/Public Prosecution services/All India Bar Exams/State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
20	22	15	09	11

5.2.2.2 Number of students appearing in state/ national/ international level examinations (eg: JAM/CLAT/NET/ SLET/ GATE/ GMAT/CAT,GRE/ TOFEL/ Civil Services/ State government examinations) year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
55	55	45	40	40

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3 Student Participation and Activities

5.3.1 Number of awards/medals for outstanding performance in sports/ cultural activities at University / state/ national / international level (award for a team event should be counted as one) during the last five years

Response: 6

5.3.1.1 Number of awards/medals for outstanding performance in sports/cultural activities at

national/international level (award for a team event should be counted as one) year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
02	02	00	01	01

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.3.2 Average number of sports and cultural programs in which students of the Institution participated during last five years (organised by the institution/other institutions)

Response: 16.8

5.3.2.1 Number of sports and cultural programs in which students of the Institution participated year wise during last five years

2021-22	2020-21	2019-20	2018-19	2017-18
20	03	22	17	22

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

5.4 Alumni Engagement

5.4.1 There is a registered Alumni Association that contributes significantly to the development of the institution through financial and/or other support services

Response:

DBCOP Alumni association was established on 2nd January 2018. Alumni association has registered under the Society registration act 1860 under government of Maharashtra. Registration number assigned as Nagpur/0000001/2018. Alumni association is constituted by Dr. Mrs. U. N. Mahajan (President), Ms. Namita Tilgule (Vice-president), Ms. Rashmi Mehar (Secretary) Mr. K. R. Danao (Treasurer) and executive members are Mr. P. T. Zodape, Mr. A. P. Dongre and Mr. A. S. Chakole. Approximately 893 students of B. Pharm. and M. Pharm have passed out from DBCOP since 2010. Total 286 students have enrolled their

name with Alumni Association.DBCOP has organized Campus Connect Programme in association with Alumni Association for carrier guidance, employability, communication and personality development. There is an active participation of alumni in curriculum design of B. Pharm. course, to facilitate industrial training, project trainee and placement of the students.

Alumni Association has generously contributed fund of Rs. 1,82,510/- for a noble cause to student of DBCOP Ms. Priyanka Maladhare who was suffering from leukemia. Alumni has generously donated 133 textbook in to college library. DBCOP has organized Alumni Meet regularly. Alumni meet was held on 02nd February 2019 and issue like enhancement in placement, industrial internship were addressed. The institute is also constantly in contact with the alumni. All the scientific, cultural, extracurricular and notable achievement are being communicated to the alumni on social media to connect and enhance the interaction among the DBCOPian.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

Criterion 6 - Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 The governance and leadership is in accordance with vision and mission of the institution and it is visible in various institutional practices such as decentralization and participation in the institutional governance

Response:

All activities of the institution are directed as per the vision and mission of DBCOP. Governance and Leadership decisions are always inspired by the vision and mission of the institution. Activities such as infrastructure planning, academic execution, teaching-learning process, and Memorandum of Understanding with companies and academia are targeted towards achieving the institutional Vision and Mission.

The top management of the Institute comprises of Governing Body (GB), College Development Committee (CDC), Principal, HODs, IQAC, and Faculty. They play a significant strategic role in the evolutionary process of transformational initiatives directed toward positioning the continuously growing Institute. Governing Body is the apex body of the Institute and provides guidelines and strategic direction for aligning the programs, policies, and processes of the Institute with the changing environmental contexts and demands of higher education. CDC to discuss the budget and financial statements and forward them to the GB for approval. CDC monitors faculty development, R & D activities, placement, and industry-institute interaction. The principal leads the faculty, while the action plan is being implemented within the Institute and provides directions to the faculty, and coordinates them wherever necessary. communicates the opinions of the Top Management to the faculty and staff regarding the responsibilities and duties assigned to each component of the Institute, during the implementation of the quality policy. The principal contributes to developing the means and tools for measuring quality through the IQAC. The Institute believes in promoting a culture of decentralized governance system with well-defined inter-relationships like 1. Adequate and systematized autonomy for all the departments and sections is provided. 2. Refining and redefining activities by keeping in view the deliberations of the class committees and associations. 3. Organization of several activities by students to enhance the capabilities of students under the guidance of faculty members, and improve their event management skills.

Decentralization is practiced at several levels in institutions. Financial and administrative powers are decentralized for the smooth functioning of the regular activities at the college.

For example – Principal, HoDs, Librarian, and Professors have certain financial powers which are taken as and if needed in consultation with their higher authority.

Similarly, administrative powers are also delegated by the Principal to Professors.

Example- All powers of the Principal related to examination are decentralized to Prof. Dr. Vidya Sabale. Powers related to Purchase are delegated to Prof. Dr Nilesh Mahajan.

Faculty members are part of several administrative committees including Governing Body, IQAC, College Development Committee, etc. Faculty members are actively participating in the decision-making process through these committees. Participation in governance is evident from these committees. Faculty Members

in CDC: Dr. Ajay Pise, Dr. Nilesh Mahajan, Dr. P. S. Gangane, Dr. Vidya Sabale.

Faculty Members in IQAC: Dr. Ajay Pise, Dr. P. S. Gangane, Dr. Vidya Sabale.

Faculty Members in Governing Body: Dr. Nilesh Mahajan, Dr. Ajay Pise.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2 Strategy Development and Deployment

6.2.1 The functioning of the institutional bodies is effective and efficient as visible from policies, administrative setup, appointment and service rules, procedures, deployment of institutional Strategic/ perspective/development plan etc

Response:

At the beginning of the academic session, all academic and administrative committees are updated as per the performance of committee members. Academic and administrative tasks are performed by respective committees. The principal is the Chairperson of all the committees. On behalf of the Principal, the committee secretary discharges responsibilities for the smooth functioning of the committee. Cultural events, scientific programs, and academic decisions are carried out by committees. The performance of committee members is reviewed by Governing Body every year and committees are updated accordingly. Examples: Anti Ragging Committee, Academic Monitoring Committee, Examination Committee, Cultural Committee, Sports Committee, etc.

Policies given by Governing body are effectively executed by IQAC and CDC. These policies are inspired by the Vision and Mission of the institution.

Examples: IT Policy, Examination Policy (Manual), Retention Policy, etc.

The institution has adopted the following hierarchy for authority and power distribution.

Top Hierarchy Level: Ambe Durga Education Society, Governing Body, College Development Committee, IQAC

Administrative Head: Principal, HoDs

Middle Level of Hierarchy: Teaching Staff, Academic, and Administrative Committees, Office Staff

Lower Level of Hierarchy: Laboratory Attendants, Puen, Security Guard, etc.

The perspective plan is designed and developed by Governing Body, College Development Committee,

and IQAC of DBCOP. This plan is regularly discussed by CDC and IQAC. The governing body and CDC focus on the preparation of time-bound tasks, and programs for the achievement of the perspective plan in phases. IQAC takes initiative in the direction of the perspective plan.

Example: In the perspective plan, for the coming five years focus is given on Innovations, Entrepreneurship, and Start-up. Activities are planned accordingly.

In accordance with a mission statement, the management takes responsibility to provide the facilities, qualified human resources, well-furnished infrastructure, and financial resources. They encourage the faculty for R & D activities and also guide them to be actively involved in realizing the goals and objectives of the Institute for quality education. Faculty are empowered with a significant role in decision-making control over the work environment and conditions and opportunities to serve in a range of professional roles.

The perspective plans are prepared under the supervision and guidance of the Principal, and HODs. The Academic calendar, lesson plans, etc. are prepared for the smooth conduction of academics. Various committees like - Academic Monitoring Committee, Class Coordinators, Teacher Guardians, Training and Placement Cell Coordinators, Sports Committee, and Cultural Committee are formed for the implementation of the perspective plan.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.2.2 Implementation of e-governance in areas of operation

1. Administration
2. Finance and Accounts
3. Student Admission and Support
4. Examination

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

6.3 Faculty Empowerment Strategies

6.3.1 The institution has effective welfare measures and Performance Appraisal System for teaching and non-teaching staff

Response:

Institute has well-defined welfare policies for teaching and non-teaching staff. These can be briefly enlisted as-

Welfare measures for teaching staff-

1. Health insurance covering all family members
2. Advance salary
3. Regular health check-up
4. Research incentive schemes
5. Support for child education
6. Support for higher education
7. Flexible leave structure

Welfare measures for non-teaching staff-

1. Health insurance covering all family members
2. Advance salary
3. Regular health check-up
4. Support for child education
5. Support for higher education

No. of Beneficiaries (Teachers)

1. Health insurance covering all family members: All
2. Advance salary: All
3. Regular health check-ups: All
4. Research incentive schemes: 09
5. Support for child education: Nil
6. Support for higher education: 02
7. Flexible leave structure: 02

No. of Beneficiaries (non-teaching staff)

1. Health insurance covering all family members: All
2. Advance salary: All
3. Regular health check-ups: All
4. Support for child education: 01
5. Support for higher education: 03

A well-defined performance appraisal structure based on Career Advancement System (CAS) given by AICTE is adopted at DBCOP. It has several components including- Student feedback, research contribution, departmental contribution, etc. At the end of the academic session performance of all faculty members is evaluated.

The performance Appraisal System for non-teaching staff members is well-defined. It is based on parameters such as – Overall performance evaluated by the Principal, upgradation of skills, upgradation of education qualification, etc. At the end of the academic session performance of all non-teaching staff members is evaluated.

The performance appraisal system of the faculty is done through annual self-assessment for the performance-based appraisal system. It is ensured that information on multiple activities is appropriately captured. The information includes 1. General information and academic background, courses/STTP attended during the year. 2. Academic performance information - Teaching, learning, and evaluation-related activities, co-curricular, extension, professional, development related activities. Research, publication, and academic contributions. 3. Other relevant information. An appraisal is reviewed and based on the performance. Appreciation letters are given to the deserving ones by the management.

The performance appraisal system of the supporting staff is done through an annual assessment for the performance-based appraisal system. Hence information on multiple activities is appropriately captured. The information includes 1. (Self-appraisal): General information and academic background, courses/training programs attended/ notable achievements during the year. 2. Appraisal by reviewing officer(s): Performance in technical work and administration-related activities, co-curricular, extension, professional, development-related activities, academic contributions, general conduct and qualities, aptitude. An appraisal is reviewed and based on the performance appreciation given by the management.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.3.2 Percentage of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies during the last five years

Response: 58.33

6.3.2.1 Number of teachers provided with financial support to attend conferences/workshops and towards membership fee of professional bodies year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
06	00	22	22	20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.3.3 Percentage of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

Response: 92.38

6.3.3.1 Total number of teaching and non-teaching staff participating in Faculty development Programmes (FDP), professional development /administrative training programs during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
47	39	40	42	38

6.3.3.2 Number of non-teaching staff year wise during the last five years

2021-22	2020-21	2019-20	2018-19	2017-18
21	20	21	21	20

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution has strategies for mobilization and optimal utilization of resources and funds from various sources (government/ nongovernment organizations) and it conducts financial audits regularly (internal and external)

Response:

Dadasaheb Balpande College of Pharmacy is a self-financed private institute. All financial activities are based on one source of income i.e. student fees including student scholarships received by Govt. of Maharashtra against their admission. Salary, machinery and chemical purchases, affiliation fees, book purchase, and general maintenance are the main expenditure for every financial year. Funds received from Govt. agencies for different research projects are utilized as per the financial declaration given in the project proposal. This fund is mainly utilized for purchasing machines and chemicals. Optimum utilization is achieved by offering consultancies for testing samples on sophisticated machines such as HPLC, FTIR, GC, etc. A financial audit is regularly conducted. Details of financial audits are attached to this write-up.

At the beginning of every academic year, the budget is prepared by various departments and sections in the prescribed format as per the circular issued by the Principal. The budget for the departments is prepared by concerned HODs, in consultation with the department laboratory in charge and other faculty, then it is sent to the Principal. The departmental budgets are discussed by the Principal at HOD's meeting and then sent to the director of finance and finally to the management for consideration. Then it is put up to the GB for final approval. While preparing the institutional budget, at first, a provision is made for salaries and allowances. Next, a provision is made for administrative and maintenance expenses such as electricity,

water, telephone, postage, etc. Then, while making provisions for the departments, priorities, needs, and requirements of various committees and development / up-gradation of the department are considered. There are well-defined policies and mechanisms for implementing the budget effectively.

Tuition fee and development fee collected from the students is the main source of income for the Institution. A budget allocation system for every academic year covering all the departments is in existence. Budgeted expenses are compared with projected revenue and necessary modifications are done as and when required. So far, no situation of the deficit has occurred. In case of a deficit of financial resources, Ambe Durga Education Society ADES supports.

External Audit: External auditor is appointed by the management who executes the statutory audit. The last audit was carried out on 21st June 2022. No major irregularities were found in the audit and minor suggestions were compiled.

Internal Audit: Internal auditors are appointed by the management and internal audit is carried out monthly. No major irregularities were found in the audit and minor suggestions were compiled.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5 Internal Quality Assurance System

6.5.1 Internal Quality Assurance Cell (IQAC) has contributed significantly for institutionalizing the quality assurance strategies and processes. It reviews teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals and records the incremental improvement in various activities

Response:

DBCOP's Internal Quality Assurance Cell (IQAC) has significantly contributed to the execution of strategies and ideas for overall college development. Objectives of IQAC are-

- 1.Ensuring timely, efficient and progressive performance of academic, administrative and financial tasks.
- 2.Relevant and quality academic/ research programmes.
- 3.Equitable access to and affordability of academic programmes for various sections of society.
- 4.Optimization and integration of modern methods of teaching and learning.
- 5.The credibility of assessment and evaluation process.
- 6.Ensuring the adequacy, maintenance and proper allocation of support structure and services.
- 7.Sharing of research findings and networking with other institutions in India and abroad.

Functions of IQAC:

1. Development and application of quality benchmarks
2. Parameters for various academic and administrative activities of the institution
3. Facilitating the creation of a learner-centric environment conducive to quality education and faculty maturation to adopt the required knowledge and technology for participatory teaching and learning process
4. Collection and analysis of feedback from all stakeholders on quality-related institutional processes
5. Dissemination of information on various quality parameters to all stakeholders
6. Organization of inter and intra institutional workshops, seminars on quality related themes and promotion of quality circles
7. Documentation of the various programmes/activities leading to quality improvement
8. Acting as a nodal agency of the Institution for coordinating quality-related activities, including adoption and dissemination of best practices
9. Development and maintenance of institutional database through MIS for the purpose of maintaining /enhancing the institutional quality
10. Periodical conduct of Academic and Administrative Audit and its follow-up
11. Preparation and submission of the Annual Quality Assurance Report (AQAR) as per guidelines and parameters of NAAC.

The Institutional policy has always been to improve the academic and administrative performance of the Institute and inculcate the research culture among the faculty and students. Decisions taken by the IQAC are generally approved by the management with few modifications. Important decisions in the last few years taken by IQAC like Collaborations with various industries/organizations, organization of seminars/conferences/workshops and the Use of smart classrooms.

IQAC members regularly meet to take on new initiatives and review the overall progress. Several policies are developed by IQAC. The administrative and academic committee is updated every year. IQAC ensures quality in strategy implementation and processes through regular review meetings.

During the Covid-19 pandemic, IQAC has taken initiative in adopting new teaching methodologies using online platforms.

Feedback is regularly collected and analyzed by IQAC to take necessary action. Twelve memoranda of understanding (MoU) with companies and academic institutions are successfully carried out. More than twenty PG students are provided with company projects under these MoUs.

ISO certification, NBA accreditation, and NIRF rankings are valuable achievements initiated by IQAC.

Value-added short-term certificate courses such as the Advanced Analytical Equipment Handling Certificate course (AAEHC), Employability course, and Certificate course in Elevating Ethical Practices in Pharma Profession (EEPPP) are initiated and received approval from Rashtrasant Tukadoji Maharaj Nagpur University's Department of Lifelong Learning and Extension. More than 1200 students benefited from value-added short-term certificate courses.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

6.5.2 Quality assurance initiatives of the institution include:

- 1.Regular meeting of Internal Quality Assurance Cell (IQAC); Feedback collected, analysed and used for improvements
- 2.Collaborative quality initiatives with other institution(s)/ membership of international networks
- 3.Participation in NIRF
- 4.any other quality audit/accreditation recognized by state, national or international agencies such as NAAC, NBA, ISO Certification etc

Response: A. All of the above

File Description	Document
Upload supporting document	View Document
Institutional data in the prescribed format	View Document

Criterion 7 - Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Measures initiated by the Institution for the promotion of gender equity and Institutional initiatives to celebrate / organize national and international commemorative days, events and festivals during the last five years

Response:

- The Dadasaheb Balpande College of Pharmacy (DBCOP) is a co-educational institution of higher learning. The foundation of the Institution's establishment includes gender equity.
- All DBCOP policies, including those governing service rules, codes of conduct, disciplinary actions, career development opportunities, roles and responsibilities, the management of various events, compensation, and administration, are gender-neutral and ensure the promotion of gender equity.
- DBCOP is the institute where criteria for employment are solely based on academic performance and other relevant factors, not on gender. As a result, now DBCOP feels proud to have nearly 65.5% of teaching staff and 67.47% of students represented by women.
- According to examples set by several college committees, all staff are treated equally when it comes to the assignment of their roles, responsibilities, and privileges. They are granted equal access to opportunities, resources, and rights.
- No gender-based discrimination is tolerated in Curricular (classrooms, practical groups, project assignments), Co- and Extra-curricular (cultural and sports events or any other occasion, Industry tours, training & placement) settings and DBCOP provides an equal platform for students of all genders to participate and excel.
- This is further reinforced by the Mentorship program, in which student mentees, irrespective of gender, are sensitively counseled by their faculty mentors with any academic, personal, health, or social issues.
- To prevent any type of bias, special campaigns are launched to educate students and employees about gender issues. The IQAC, DBCOP Women's development cell (WDC), NSS, Grievance Redressal Committee, Code of Conduct, and Disciplinary Committee play a critical role in fostering gender sensitivity on campus. Program in the form of lectures, conferences, and workshops are organized throughout the year that aims to provide an intersectional approach to creating awareness amongst students about gender equity.
- All buildings and the campus are equipped with CCTV cameras and security guards are positioned at the entrances for the safety and security of all students, employees, and visitors, especially women. DBCOP provides medical facilities (doctor and pharmacy) on a call with separate sick rooms for boys and girls. Separate Common Rooms for boys and girls are provided in the campus.
- The college routinely celebrates several national and international holidays, occasions, and festivals, including International Yoga day, Republic day, Birth and Death Anniversaries of well-known personalities and freedom fighters. Before executing the events, announcements are posted on the notice board and in student Whatsapp groups. A committee of a few faculty members is formed by the college to ensure that these activities run smoothly. All students take an active part in these activities.
- All these have ensured a cordial environment among both genders at all levels and have promoted

gender equity, institutional initiatives for the celebration of national and international days, various events, and festivals.

File Description	Document
Upload Additional information	View Document
Provide Link for Additional information	View Document

7.1.2 The Institution has facilities and initiatives for

1. Alternate sources of energy and energy conservation measures
2. Management of the various types of degradable and nondegradable waste
3. Water conservation
4. Green campus initiatives
5. Disabled-friendly, barrier free environment

Response: A. 4 or All of the above

File Description	Document
Upload supporting document	View Document

7.1.3 Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

1. Green audit / Environment audit
2. Energy audit
3. Clean and green campus initiatives
4. Beyond the campus environmental promotion activities

Response: A. All of the above

File Description	Document
Upload supporting document	View Document

7.1.4 Describe the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and Sensitization of students and employees to the constitutional obligations: values, rights, duties and responsibilities of citizens (Within 500 words)

Response:

- The admissions at the DBCOP are regulated by state admission regulating authority, through which students from different regions, states, caste, religions, and socioeconomic diversity are admitted

every year.

- The institution is strongly committed to fostering an inclusive environment amongst the students, faculty, and other employees. To synchronize these diversities, the institute created a system that promotes harmony among the students and faculties.
- The institute organizes various extra-curricular activities which enhance creativity, knowledge, team-building capacity, and self-confidence among students.
- The Institute provides ample opportunities within the campus for the students to exchange societal, cooperative, and interactive behavior during an annual social gathering, Ganesh festival, traditional dress, singing competitions in various languages and food festivals, etc.
- Regional and cultural events like Sanskriti, Sports activities, and Shivaji Jayanti celebration support students in developing their leadership skills. Students participate in different activities which will promote the growth of harmony and tolerance within students.
- The sensitization of students to being good citizens is done during the regular NSS programs and annual NSS camps. Under NSS activities institute performs various social activities in nearby villages like tree plantation, spreading hygiene awareness in people from villages, and free health check-up camp under “Mi Ani Mazi Swastha Mohim”. The institute’s women's development cell organizes awareness programs in nearby villages to help and aware people in society by the distribution of free medicines, sanitary pads, and nutrisatva kits to them. The NSS Unit conducts a cleanliness campaign at an old age home as part of the "Share the Happiness" program.
- To inculcate moral values and awareness about rights, the institute organizes value-added courses like Elevation of ethical practices and Employability skills and regularly conducts guest lectures, and NSS rallies to make them responsible citizens, aware of the values and rights.
- During the social activities the students are sensitized to preserve the rich heritage of Indian culture. As a tribute to our freedom fighters on the 26th of January and 15th August National flag is hoisted and the staff members and students participate in the national anthem. The birth anniversary of the Late Mahatma Gandhi and Late LalBahadurShastri (2nd October) is celebrated annually by the institute to send the message of peace and non-violence. The Samvidhan divas are regularly celebrated in our institute to encourage the youth to participate in the voting process and focus on the fact that the ‘The right to vote is the basic right’.

File Description	Document
Upload Additional information	View Document

7.2 Best Practices

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

Response:

BEST PRACTICE I

1. Title of the Practice: Student Support System for Unseen Events

Keywords: Unseen Events, Student Support System

2. Objectives of the Practice

To support our students in any unseen incident that happened during their studies which may disturb their education and career.

3. The Context

The student phase of life is the best learning period. Students have high career ambitions, hope, and dreams during this time. If something unfortunate happens in their life such as the demise of parents, loss of income of parents, etc., it directly impacts their career. Such events may force them to stop their education and interrupt their career. Understanding the severity of this issue, we at DBCOP have initiated a support system for students in any unseen event.

4. The Practice

In case of any unfortunate happening in the life of students such as the demise of parents, loss of income of parents, or accident that directly disturbs their ongoing education and career. In such circumstances, financial, moral, and mental assistance is provided by the college. Financial support may be direct or indirect depending on the need and severity of the individual case. Decisions shall be taken by the Principal in consultation with management.

5. Evidence of Success

Every year we observe one or two genuine cases of students whose career is about to disturb because of unseen events. At the beginning of the academic year 2017-18 our second-year student Ms. Haripriya Nair lost her father who was the only earner of the family, this incident disturbed her education. Understanding the severity of the condition, the Principal and management decided to support Ms. Haripriya Nair in continuing her education by waiving her fees. She was also provided with financial assistance for her admission to NIPER Hyderabad. On a similar line direct/indirect support was provided to Ms. Revati Vaidhya (2018-19), Ms. Pranjal Deshmukh (2020-21), Ms. Sakshi Sharma (2020-21), Ms. Anshu Kaitwas (2021-21), Mr. Ayush Nagbhidkar (2021-22), Mr. Yash Fularia (2021-22).

Our B. Pharm student Ms. Shivani Panchbhair (2017-18) was provided with financial support when she met the accident. Ms. Priyanka Maladhare (2018-19) our B. Pharm student was diagnosed with leukemia, we have initiated a support system to help her financially. Rs. 1.85 lakh plus was generated for her treatment from students, staff, and alumni of DBCOP.

6. Problems Encountered and Resources Required

Understanding the genuineness of the issue is a major problem.

BEST PRACTICE II

1. Title of the Practice: Building Character of Students by Offering them Societal Responsibilities

Keywords: Character, Societal Responsibilities

2. Objectives of the Practice

We at DBCOP understand that overall personality development and character building are equally important with academic training to make our students globally competent and confident. This is evident from the Vision and Mission of the institution. Therefore, the major objective of this practice is-

To build the character of our students by offering them societal responsibilities

3. The Context

Character building is an important element of the holistic development process of students. Focusing only on academic training shall not make the student competent. After completion of the program, when a student enters the job, he/she needs to understand their professional and social responsibilities. Their approach towards society should be positive and they should realize their role as guardians of society making them responsible citizens of India. To achieve this objective, we organize several events for students where they directly mingle with the deprived people of society to offer them help and support. Spending time with deprived orphan and elderly people provide them the opportunity to share their feelings, experience, and emotions.

4. The Practice

We at DBCOP have initiated the practice of 'Share the Happiness'. Under this, every year at the beginning of the Diwali festival our students prepare a list of requirements for the deprived orphan, elderly people, rural schools, and stray animals. They plan the donation activities. In small groups, they collect extra, unused stuff, and money for donation. This helps to build their organizational skills like team building, co-ordinating, negotiating, convincing, etc.

As per the given schedule of the 'Share the Happiness' event, students distribute collected stuff, money, and school items to needy people.

5. Evidence of Success

Four different programs were organized under the banner of 'Share the Happiness' in the academic year 2021-22. Students spend quality time with elderly people in old age homes, they offered them medicine, clothes, and food items. A Group of students feeds stray dogs. Students also donated notebooks, study materials, water bottles, and tiffin boxes to school children in rural areas.

Women's Empowerment Programs were also organized during these periods. Our girl students and lady faculty visited the nearby rural area for spreading awareness about the usage of sanitary napkins among women and girls. Sanitary napkins were distributed to them. Similar social initiative programs were organized in the academic year 2019-20, 2018-19, and 2017-18. Mr. Sanket Nanhe, B. Pharm IIIrd year student captured a 2100 Km distance from Nagpur to Kalsubai and return by cycle for spreading awareness of women's oppression.

During the Covid-19 pandemic (2020-21) students distributed masks, and sanitizer in their vicinity. Students also spread awareness campaigns using the online platform on precautions taken during the Covid pandemic. An innovative model of the mortuary was developed by faculty members and donated to a Government hospital.

6. Problems Encountered and Resources Required

Time is the main constraint to executing social events. We found it very difficult to spare more time for social initiatives while carrying a regular academic schedule.

File Description	Document
Best practices as hosted on the Institutional website	View Document

7.3 Institutional Distinctiveness

7.3.1 Portray the performance of the Institution in one area distinctive to its priority and thrust within 1000 words

Response:

INSTITUTIONAL DISTINCTIVENESS

VRIDDHI

VALUE-RIDDEN INITIATIVES AND DEVELOPMENT OF INSTITUTION FOR DISTINCTIVE IDENTITY (VRIDDHI)

The vision and Mission statements of Dadasaheb Balpande College of Pharmacy clearly state making the students competent by providing them with necessary exposure and skills in the area of Pharmaceutical Sciences. To fulfill the vision of the institution several activities are planned regularly. Meticulous implementation of such activities ensures noticeable outcomes. VRUDDHI is a concept developed at DBCOP to ensure the distinctiveness of the institution through value-added initiatives such as the introduction of certificate courses, start-up (entrepreneurship) initiatives, etc.

Value-Added Certificate Courses:

The curriculum of the Bachelor of Pharmacy is given by the Pharmacy Council of India, it is adopted by Rashtrasant Tukdoji Maharaj Nagpur University. Therefore it is naturally adopted by its affiliated colleges like ours. As an affiliating institute, we do not have the right to make changes to the given program. Understanding our limitations, we have initiated the introduction of short-term certificate courses to fill the gap between the needs of the industry and the present curriculum. The pharmaceutical industry is very dynamic and needs skillful manpower with updated knowledge. Short-term certificate courses aim to train students in necessary skills, which will make them industry ready.

Advanced Analytical Equipment Handling Certificate Course (AAEHC):

Sophisticated analytical instruments like GC, HPLC, and FTIR are available at a central research laboratory of DBCOP. We have decided to give them access to these instruments for improving their skills. With this intention, we have initiated Advanced Analytical Equipment Handling Certificate Course (AAEHC). This course was first introduced in 2016-17. Course duration is 30 Hrs.

Upon completion of this course students will be able to:

1. To explain the methods of calibration and qualification criteria as per ICH and USFDA guidelines of Electronic balance, UV-Visible spectrophotometer, IR spectrophotometer, Spectrofluorophotometer, GC, and HPLC.
2. To explain the principle and instrumentation of Thermal Methods of Analysis, and X-Ray Diffraction Methods and apply the concept of TGA, DTA, DSC, and X-ray diffraction to interpret the physical characteristics of the drugs.
3. To interpret FTIR, mass, and NMR spectra for the identification of organic molecules.
4. Summarize the methodology for quantitative and qualitative estimation of analysis by HPLC, GC, UV, and Fluorometry.

In the last five years, more than 230 students are trained under AAEHC. This course was well appreciated and recognized by stakeholders. The training was imparted by experts in the domain. Currently, this course is affiliated with the Department of Lifelong Learning and Extension, Rashtrasant Tukdoji Maharaj Nagpur University.

Certificate Course in Employability Skills:

The main objective of the course is to train the students in employability skills to make them competent for a job interview. This certificate course is targeted to B. Pharm IIIrd and IVth year, M. Pharm Ist and IInd year students. The total course duration is 30 Hrs. Topics covered in this course are- Resume Writing, Interview Techniques, Group Discussion, Presentation Skills, the Art of Public Speaking, Job Search Techniques, Communication Skills, and Body Language. This course is now affiliated with the Department of Lifelong Learning and Extension, Rashtrasant Tukdoji Maharaj Nagpur University. More than 400 students are trained through this course in the last five years.

Certificate Course in Elevating Ethical Practices in Pharmacy Profession:

Course Objectives are 1. To spread awareness about fundamentals of ethical practices in Pharmaceutical Sciences. 2. To train Pharmacy students on ethical practices in Pharmaceutical Sciences. 3. To imbibe and encourage ethical practices among Pharmacy students. After completion of this certificate course, it is expected that every student shall understand the fundamentals of ethical practices in Pharmaceutical Sciences. This course shall train students on how to practice ethical practices in the workplace. This certificate course shall encourage and imbibe students on ethical practices in Pharmaceutical Sciences. After completion of the course, students shall be awarded a certificate.

Course Contains- Definition and fundamentals of ethics, Interpretation of Pharmacist's oath, Publication ethics, Ethical practices in animal handling, Ethical practices in the workplace, Concept of research and ethical practices in Pharmaceutical Research, Importance of Biodiversity and Environment Protection, Ethical practices in healthcare and role of Pharmacist, Pharmacist's responsibility towards climate change, Ethical practices in Hazard Management. The total course duration is 30 Hrs. More than 200 students are trained through this course. This course is now affiliated with the Department of Lifelong Learning and Extension, Rashtrasant Tukdoji Maharaj Nagpur University.

Innovations and Start-ups:

A culture of innovation and Start-up is initiated at DBCOP. As a result, several innovative models, ideas,

and products were developed by students and faculty members at DBCOP. It includes-Pharmacological Screening Apparatus, Nose-only Exposure System, Mosquito Repellant Cream, a Robotic Jaw, Analytical Model, Mortuary Cabinet (for handling covid dead bodies).

Governance and Accreditation Technology Interface (GATI) software, and Coffee-Toria (Coffee without caffeine) are two start-ups developed by faculty members. MediEve Care is a diagnostic facilitation start-up developed by our student Mr. Pritam Bande under the supervision of faculty members. These start-ups were presented and appreciated at IIC regional meet.

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5. CONCLUSION

Additional Information :

Universal Human Values:

Understanding values in human relationships is a fundamental need to build trust, respect, affection, care, and guidance among students. The absence of these values in students cannot make him/her perfect human being. The vision and Mission of DBCOP direct us to make our students globally competent and confident. Understanding the need for holistic development of students, Universal Human Values (UHV) is promoted among students and faculty members. Seven faculty members have completed AICTE-sponsored Faculty Development Programs (FDP) on UHV. Several guest lectures are arranged on UHV for students. We are in process of developing a certificate course on UHV as one of the value-added courses in the coming academic year.

Student Diversity:

Students from diversified backgrounds are admitted at DBCOP. Efforts are being taken in order to create a safe, supportive, and purposeful environment for students. This conducive environment allows students to improve critical thinking skills, build empathy, and encourages students to think differently.

Traditional knowledge:

Traditional Knowledge is promoted at institution by involving students in research work based on 'Traditional Knowledge'. The Department of Pharmacognosy of DBCOP plays the main role in promoting tribal knowledge of healthcare through their subjects. Ph. D. topics are decided on the basis of the use of traditional medicinal knowledge. Guest lectures on 'traditional knowledge' are regularly organised and visits to the herbal medicinal garden / Biodiversity Park are arranged every year.

Entrepreneurship and Start-up:

Learning Entrepreneurial skills encourages creativity, innovation, and collaboration among students. We at DBCOP have started an Entrepreneurship and Start-up culture. Students are encouraged to develop novel ideas and turn these ideas into start-ups. Several awareness programs are organized to ignite young minds for start-ups and entrepreneurship.

Alignment with NEP

New Education Policy says that all 'higher education institutions (HEIs) shall aim to be multidisciplinary by 2040. Management of DBCOP has initiated multidisciplinary and interdisciplinary academic and research sharing. MoU has been signed with educational institutions with different disciplines. Research projects are designed to involve different disciplines.

Concluding Remarks :

Dadasaheb Balpande College of Pharmacy (DBCOP) was established in the year 2006 and offers the courses-

B. Pharmacy, M. Pharm (Pharmaceutics), M. Pharm (Pharmaceutical Quality Assurance), M. Pharm (Pharmaceutical Regulatory Affairs) and Ph. D. in Pharmaceutical Sciences. Institute is recognized under sections 2f and 12B of UGC and is permanently affiliated with Rashtrasant Tukadoji Maharaj Nagpur University, Nagpur. All the courses at DBCOP are recognized by the Pharmacy Council of India (PCI) and approved by AICTE, DTE, and the Government of Maharashtra State. DBCOP has received research grants and consultancies of Rs. 1.16 Cr from Government agencies and other bodies/institutions.

The institute has been accredited by the NBA and NAAC- the apex accrediting bodies of the government of India. The institute has been rewarded with platinum grades in the AICTE-CII survey for the last five years. The college is regularly ranked in NIRF by the Ministry of Education, GOI, since 2019. The institute has achieved the “BEST EDUCATION SOCIETY” award by RTMNU.

The laboratories of DBCOP are well equipped with the latest sophisticated scientific instruments, and facilities. DBCOP research lab is approved by DSIR, New Delhi with Scientific and Industrial Research Organization (SIRO) certification.

All activities are targeted toward achieving the Vision and Mission of the institution. Team DBCOP is working to complete annual and short-term goals to achieve long-term goals. Achieving autonomy by 2030 is a major goal of DBCOP. The current five-year focus (2021-25) is on applied research, entrepreneurship, incubation, and international academic and research collaborations.

Visionary and participatory management of DBCOP encourages authority and financial decentralization while discharging duties. Hierarchy is properly defined where roles and responsibilities of personnel in each hierarchy ladder are clearly communicated. Staff retention is the strength of the institution. Service rules, institutional policies, and welfare schemes are well-defined and communicated to stakeholders.