

SELF STUDY REPORT

Executive Summary

Introduction:

Maulana Azad Educational Trust's Y.B. Chavan College of Pharmacy a self-financed, minority institution, established by Dr Rafiq Zakaria in 1989 is located in the city of Aurangabad, Maharashtra on the sprawling Dr Rafiq Zakaria Campus.

The Trust is named after India's first Education Minister who insisted on democratization of education. The college is named after veteran national leader and the first Chief Minister of Maharashtra State Mr. Yashwantrao Balwantrao Chavan patron and well-wisher.

The College offers UG (B.Pharm) and PG (M.Pharm) programs in four specializations of Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Quality Assurance.

College is approved by AICTE and Pharmacy Council of India, New Delhi. Recognized under section 2(f) and 12(B) of UGC, New Delhi. It is permanently affiliated to Dr. Babasaheb Ambedkar Marathwada University and has a unique distinction of being the first research Centre in Pharmacy, approved by the Govt. of Maharashtra. It is ISO 9001:2008 and Green Audit A064 Certified.

It has secured an All India 24th rank (2017) by NIRF, Government of India.

A team of qualified, experienced and dedicated teachers including 15 PhDs cater to quenching the learning need of the students. The College has produced approximately 2000 graduates with merit and university toppers, alumni are on high positions.

The college has functional MoUs with many reputed Companies for facility sharing, collaborative research, training and placement of students.

Every achievement and endeavor of the College has been promoted by the dedicated and visionary zeal of Padmashree Mrs. Fatma Zakaria, Chairperson of Maulana Azad Educational Trust.

Vision:

To be the center of excellence in Pharmaceutical education and research, with global partnership and collaborations leading to students development from all sections of society as competent Pharmacist and proficient entrepreneurs with social commitments and human values.

Mission:

To develop an evolving educational system with optimum infrastructure, competent and dedicated manpower, appropriate interaction with industries and institutes of high repute, to generate globally competitive pharmacist as entrepreneurs, skilled-technocrats, researchers and health care professionals, to imbibe the philosophy of our founder and mentors for imparting scientific and secular value added education for social transformation and national development.

SWOC

Institutional Strength :

1. Highly Qualified and experienced faculty.
2. Consistent meritorious students ranked high in University merit list
3. Industrial interactions and MOU with reputed pharmaceutical Companies.
4. Excellent Placements through Industry Institute Interaction Cell of the College.
5. Strong research culture with publication of faculty, PG and Ph.D students in reputed peer reviewed Journals.
6. Out Come Based Education with CBCS.
7. Value added education inculcating ideology and philosophy of legendary and visionary leaders
8. Patent applications and grants from Government agencies such as UGC, AICTE, DST, SERB, ICMR and Non-Government funding agencies.
9. Education catering to all sections of the society.
10. State of art infrastructure, advanced Instruments and Research facilities.
11. In-plant training to every student in various Pharmaceutical establishments.
12. Provides for Scholarships to maximum students through equal opportunity cell.

Institutional Weakness :

1. No curriculum autonomy.
2. The Institute is located in the backward region of Marathwada.
3. Centralized Admission process regulated by the Directorate of Technical Education, Maharashtra State, leaving no scope for admitting 'Out of Maharashtra State' (OMS) candidates

Institutional Opportunity :

1. Aurangabad being pharmaceutical manufacturing and research hub provides greater opportunities for revenue generation through collaborative projects and consultancy.
2. Making the researchers vibrant in terms of research output.
3. MoU with National and International Research Institute and Universities.
4. Quest for more research funding through various funding agencies.
5. Introduction of new Add on certificate programs and courses considering needs of Pharmaceutical Industries and soft skills.
6. Strengthening of Center for Entrepreneurship Innovation and Incubation (CEII).
7. To become "Centre with Potential for Excellence in pharmaceutical education" by UGC.

Institutional Challenge :

1. To cope up with new technologies and advancements in the ever evolving pharmaceutical field.
2. Keeping pace with the global pharmaceutical human resource requirements.
3. Continue to advance with excellence in the unpredictable and challenging pharmaceutical market scenario.

Criteria wise Summary

Curricular Aspects :

The college is permanently affiliated to Dr Babasaheb Ambedkar Marathwada University, Aurangabad. It conducts the B.Pharm and M.Pharm programs with CBCS curriculum, which is revised periodically (Some new courses are added and updated) by the University. Senior faculty of College actively participate as BOS members and in Curriculum development committees of the University. Further to meet Graduate attributes and Program Outcome/ Program Specific Outcomes (PO/PSO) the college has developed, soft skill and bridge courses.

To ensure planning and effective curriculum delivery the college IQAC constitutes the Academic Planning and Monitoring Committee (APMC) which plays a vital role through a well-planned and documented process.

Approved academic calendar, allotment of courses to subject teachers, updated course modules, daily time table, lab-occupancy schedule, LMS, Digital M.Pharm Dissertation (DMD) softwares, attendance record (Atcovation software), student teacher's dairy, robust feedback mechanism are some of the tools implemented by the college for effective curriculum planning and delivery.

For the curriculum Enrichment the IQAC takes proactive initiatives in organizing short term courses, bridge courses, guest lectures, seminars and training programs.

Skill oriented and value added courses such as communications skills and personality development (CSPD), two training programs on HPLC and CADD and National Program on Technology Enhanced Learning (NPTEL) course through college local chapter is available. UG and PG students are periodically sent for training and research projects to the industrial.

For continual improvement IQAC collects feedbacks from stakeholders through a well-developed and effective mechanism followed by its analysis and appropriate corrective measures are taken.

Teaching-learning and Evaluation :

Focusing on the mission to develop an evolving educational system with competent and dedicated manpower, the teaching and learning process is centred on an Outcome based education with CBCS. A robust participative system established by the IQAC is a major contributor to achieve desired outcome in graduates and postgraduates. Salient features of Teaching and Learning include:

- A very high average enrolment percentage of students in the college including candidates from the reserved category.
- Desired amenities are available for differently abled students.
- College orientation and induction program followed by identification of slow and advanced learners.
- Various student centric processes and tools such as LMS, Digital M.Pharm. Dissertation software, and smart class rooms etc. are used for enhancing teaching and learning.
- A team of 39 experienced and qualified teachers including 15 PhD holders resulting in a required student-teacher ratio of 14:1.
- Established mentoring culture for student support.
- Academic Planning and Monitoring Committee, plans and monitors teaching and learning process. POs, PSOs and COs are systematically displayed and communicated to teachers and students through the course modules available on the college website.
- The Exam Planning and Monitoring Committee, supervises the transparent, robust and time bound internal assessment system. Continuous Internal Evaluation is strictly implemented

with continual reforms.

- Learning outcomes are reflected in a high pass percentage of students (80%) and a fourth level attainment calculated based on the examination results, PO, PSO, CO and stakeholders' feedback. This aids in providing an evolving teaching learning system for student satisfaction.

Research, Innovations and Extension :

Keeping in line with our mission and to augment innovation ecosystem the Centre for Entrepreneurship Innovation and Incubation (CEII) is established.

The College research centre is approved by the Government of Maharashtra and Dr BAMU it houses ultramodern facilities and advanced instruments. Mobilization of resources for research is done through research grants from various Government and Non-Government funding agencies. Grants to the tune of Rs. 1.6 Crores has been received. Research and IPR Committee promotes, monitors and addresses issues related to research and Intellectual Property.

The college has functional MoU with leading pharmaceutical companies in India such as Wockhardt Ltd, Lupin Ltd, Adora Products Pvt. Ltd, Ulmann Laboratories and Tooba Pharmaceuticals Pvt Ltd. Fund of Rs. 4.2 Lakhs has been generated through consultancy services to Alkem Lab. Ltd. Further 05 PG students have carried out their research in pharmaceutical industries. Workshop/seminars are regularly organized.

Some other research achievements include:

- 18 research awards/recognitions to faculty during last five years.
- Filed 10 Indian patents application.
- Published 10 books and more than 392 research publications in last five years in UGC approved Journals.

Through the NSS units and during National Pharmacy Week (NPW) the students participate in extension and outreach programs such as Blood Donation Camp, Polio dose distribution, Aids day Rally, Dengue cleanliness drive, Swacche Bharat Abhiyaan, PUSH, Cashless/Digital India awareness conducted in collaboration with Indian Pharmaceutical Association, industry, community and NGOs to inculcate a spirit of social responsibility and awareness. In recognition of this College received many awards.

Infrastructure and Learning Resources :

College has the infrastructure structure to meet the requirements of instruction, administrative and amenities as per AICTE and university norms. It has ICT enabled well-furnished class rooms, equipped laboratory and research laboratory as well as boys and girls common room facilities as per the norms. For extra-curricular activities, college campus has sports facilities like Naval Tata Stadium, Millennium sport club along with well-furnished auditorium and open air theatre for cultural activities. The college has maintenance policy with structured maintenance and housekeeping committee for monitoring the maintenance activity of the college. For augmentation and maintenance of physical facility, management has assigned personnel and contract agencies for which budget is allocated every financial year.

Library of the college is digitalised with LIB-MAN software, e-books, and subscriptions of e-journals. Total books in the library are 15927 with 3017 titles, 600 e-book and 613 e-journals and 32 print

research journals. College is a member of National digital library and subscribed to National Library Networks– DELNET and has remote access e-Shodhsindhu through Dr.BAMU.

IT facilities of the college include computer laboratory with LAN/WAN and internet speed of 60MBPS. Digitization is promoted through IT enabled by digital store management, biometric reporting, ERP, online examination, GPAT software, Schrodinger and V-Life softwares. The college websites is interactive and dynamic with LMS and DMD facility for teaching learning enhancement. The student computer ratio is 4:1. Media centre facility are made available.

Student Support and Progression :

The students support include financial/ scholarship assistance through Equal opportunity cell, more than two third of the students have benefitted by scholarships and freeships provided by the Government. College provides fee concessions benefits to students who are children of its employee.

Marathwada being a backward region a number of capability enhancement and development schemes have been introduce for students such as health check-up facility through health aid committee, in-plant training and placement through IIIC committee, book bank facility, competitive examination (GPAT assistance), career counselling, soft skill development, remedial coaching, language lab, bridge courses, add-on certificate programs, yoga and meditation, personal counselling, mentoring, active grievance redressal mechanism, ragging free campus, free parking and on campus ATM and bank facility.

Such schemes have helped maximum students for progress to higher education and placements through campus interviews. Further it has helped a quarter of the outgoing students who opt for government and other entrance examinations achieve good success rates.

College has Extracurricular (sports and cultural) committee which is actively involved in organizing various sports and cultural events throughout the year. The students have excelled at the regional and state levels. Seven students have brought laurels at national and international cultural events. The IQAC ensures student active participation in the Student Council and various committees.

The College has benefited substantially through financial contributions in the form of scholarships or awards/prizes to students and knowledge sharing by the Alumni. “Alumni Association of Y. B. Chavan College of Pharmacy” (AAYBCCP) is a registered body.

Governance, Leadership and Management :

With strong vision and mission, the college is providing the quality pharmaceutical education since 1989 it is ranked 24th by NIRF-2017. The management has set an evolving participatory system comprising of Chairman at the helm of all affairs followed by the College Principal, IQAC, CDC and various committees. The governance is student centric.

The College has prepared a perspective strategic plan ‘Vision 2029’ proposed by the Principal in coordination with Management, CDC/LMC and GB. The proposed financial mobilization and deployment for the plan is approved.

The faculty members are empowered in various areas by organizing various training program and deputing them for faculty development programs. Co-curricular, ICT and IQAC committee organizes the empowerment activities at regular interval.

The College is self-finance, private unaided and minority institution thus its primary source of income is fees. The annual budgets of the college are proposed and passed through the LMC/CDC meetings and finally approved by the Chairman. Additional financial resources are mobilized by grants from funding agencies. The corporate houses support the college in creation of facilities by donation of equipment and chemicals. Regular audits are conducted by internal and external auditors.

IQAC of the college was established in 2014 and it played a significant role establishing the processing for providing conducive atmosphere for academic and research activity. A student centric structured organogram is developed for delivering effective process through different committees. Established process of academic audit and feedback from stakeholder, guide the IQAC for decision making.

Institutional Values and Best Practices :

College organizes Gender equity programs, annually celebrates International Women's day, and provides counselling, facilities considering women's safety, common rooms, specialized facilities and scribes for differently abled.

Environmental consciousness created by adopting alternate energy initiatives. Approximately half of the annual lighting power requirement is met through solar panel and installation of LED lamps enable power saving. An average of 1.5% of total expenditure done is on green initiatives.

Waste Management through Recycling of solid waste, ETP for liquids and E-waste reuse/collection (MoU E-Recon).

Daily requirement of water is met through wells on campus. A well-equipped rain water harvesting system replenishes the wells.

Green practices is adopted using bicycles, carpooling and public transport. Plastics are replaced/reused/recycle. Green landscaping with more than a thousand trees /medicinal plants for carbon neutrality.

Many initiatives for addressing locational issues, contribution to local community including, maintenance of heritage monument, regeneration of Nehre Ambari, Dam construction, Jan-dhan yojana and many more.

Activities to increase national consciousness, constitutional obligations, human values, communal harmony and social cohesion, celebration of national festivals and birth / death anniversaries of the great Indian personalities are organized.

Code of conduct, core values, and courses addressing human/professional values are taught to students. College functions as per AICTE, PCI and Dr.BAMU regulations. College maintains complete transparency in its functions.

Our Best Practices:

- 1) Eco-friendly Approach in Teaching/ Learning & Research
- 2) Digitalization for effective administration

College distinctiveness is its "Inclusive education with quest for excellence".

Profile

BASIC INFORMATION

Name and Address of the College	
Name	Maulana Azad Educational Trust's Y B Chavan College Of Pharmacy
Address	Maulana Azad Educational Trusts, Y.B. Chavan College of Pharmacy, Dr. Rafiq Zakaria Campus, Dr. Rafiq Zakaria Marg, Rauza Baugh
City	Aurangabad
State	Maharashtra
Pin	431001
Website	www.ybccpa.ac.in

Contacts for Communication					
Designation	Name	Telephone with STD Code	Mobile	Fax	Email
Professor	Baheti K. G.	0240-2391752	9422340342	0240-2380077	nk_baheti@yahoo.com
Principal	Zahid Zaheer Ahmed	0240-2381307	8087867807	0240-2381129	ybccpa@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	Yes

If Yes, Specify minority status	
Religious	Muslim
Linguistic	
Any Other	

Establishment Details

Date of establishment of the college	30-06-1989
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University to which the college is affiliated/ or which governs the college (if it is a constituent college)

State	University name	Document
Maharashtra	Dr. Babasaheb Ambedkar Marathwada University	View Document

Details of UGC recognition

Under Section	Date
2f of UGC	28-06-2010
12B of UGC	

Details of recognition/approval by stationary/regulatory bodies like AICTE,NCTE,MCI,DCI,PCI,RCI etc(other than UGC)
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Statutory Regulatory Authority	Recognition/Approval details Institution/Department programme	Day,Month and year(dd-mm-yyyy)	Validity in months	Remarks
AICTE	View Document	30-03-2017	12	
PCI	View Document	12-08-2017	36	

Details of autonomy

Does the affiliating university Act provide for conferment of autonomy (as recognized by the UGC), on its affiliated colleges?	Yes
If yes, has the College applied for availing the autonomous status?	No

Recognitions

Is the College recognized by UGC as a College with Potential for Excellence(CPE)?	No
Is the College recognized for its performance by	Yes

any other governmental agency?	
If yes, name of the agency	Government of India Ministry of Human Resource Development National Institutional Ranking Framework
Date of recognition	03-04-2017

Location and Area of Campus				
Campus Type	Address	Location *	Campus Area in Acres	Built up Area in sq.mts.
Main campus area	Maulana Azad Educational Trusts, Y.B. Chavan College of Pharmacy, Dr. Rafiq Zakaria Campus, Dr. Rafiq Zakaria Marg, Rauza Baugh	Urban	2.5	5355.11

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, Undergraduate	48	HSC		100	99
PG	MPharm, Postgraduate	24	B.Pharm		18	15
PG	MPharm, Postgraduate	24	B.Pharm		10	4
PG	MPharm, Postgraduate	24	B.Pharm		12	4
PG	MPharm, Postgraduate	24	B.Pharm		24	21

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	6				11				24			
Recruited	5	1	0	6	5	2	0	7	15	9	0	24
Yet to Recruit	0				4				0			
Sanctioned by the Management/Society or Other Authorized Bodies	0				0				2			
Recruited	0	0	0	0	0	0	0	0	2	0	0	2
Yet to Recruit	0				0				0			

Highest Qualification	Professor			Associate Professor			Assistant Professor			Total
	Male	Female	Others	Male	Female	Others	Male	Female	Others	
D.sc/D.Litt.	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

Details of Visting/Guest Faculties				
Number of Visiting/Guest Faculty engaged with the college?	Male	Female	Others	Total
	2	1	0	3

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	267	0	0	0	267
	Female	172	0	0	0	172
	Others	0	0	0	0	0
PG	Male	43	0	0	0	43
	Female	50	0	0	0	50
	Others	0	0	0	0	0

Provide the Following Details of Students admitted to the College During the last four Academic Years					
Programme		Year 1	Year 2	Year 3	Year 4
SC	Male	2	3	2	0
	Female	2	3	3	2
	Others	0	0	0	0
ST	Male	0	0	0	0
	Female	1	0	0	0
	Others	0	0	0	0
OBC	Male	5	9	0	5
	Female	6	7	4	2
	Others	0	0	0	0
General	Male	16	22	12	18
	Female	27	32	18	13
	Others	0	0	0	0
Others	Male	53	66	50	50
	Female	31	38	17	13

	Others	0	0	0	0
Total		143	180	106	103

QIF

1. Curricular Aspects

1.1 Curricular Planning and Implementation

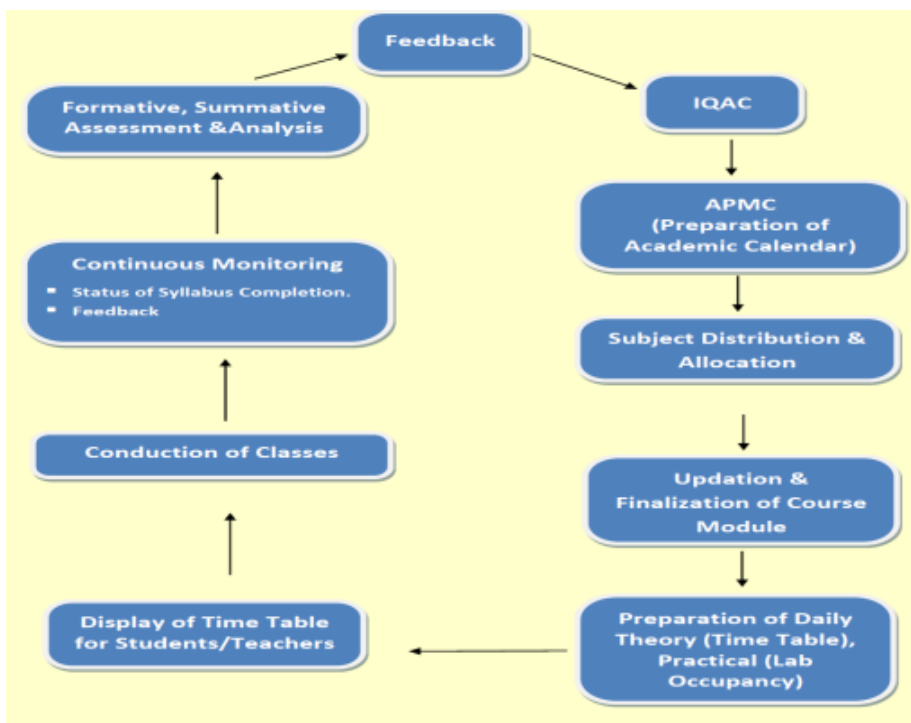
1.1.1 The institution ensures effective curriculum delivery through a well planned and documented process

Answer:

To ensure effective curriculum delivery and smooth functioning of the college activities 25 committees have been formed with clearly defined objective, responsibility and guidelines.

The Academic Planning and Monitoring Committee (APMC) and Internal Quality Assurance Cell (IQAC) plays a vital role to ensure effective curricular delivery through a well-planned and documented process. APMC committee conducts regular meeting and monitors the smooth functioning of academic activity throughout the year. Considering the feedback of stakeholders it regularly improvises on the teaching and learning needs of the students.

Fig 1.1: Schematic process for effective curriculum delivery



At the start of the academic year the academic calendar is displayed and accordingly curricular, examinations, co-curricular and extracurricular activities are undertaken. Also the students are supported by Competitive Exam Guidance Committee, Grievances Redressal Committee, Training and Placement Cell. These committees see into the effective course delivery by conducting regular meeting, audits (internal and external) for quality sustenance and improvements. Improvement in teaching learning methods, student's evaluation and assessment, improvement through revision in curricula through faculty as members in University curriculum framing committees and board of studies. The college motivates faculty members and students to attend faculty development

program, national/international seminars, workshop and conferences, poster competitions organized by the various institutes/organizations.

The college has a finest infrastructure where smart class rooms with advanced technology is in place, digital library facility, Learning Management System (LMS) and Digital M. Pharm Dissertation system (DMD) is used for effective curriculum delivery to students. Documents such as daily attendance register and teachers diary aids to maintain record. Further digital attendance management system ATCOVATION an advance and innovative system is also provided for documentation and communication of daily classes and practical conducted.

College organizes industrial and EVS tours and supports for industrial training and research projects in industry.

Communication skill development course, NPTEL courses and add-on programs helps to overcome curriculum gaps and overall professional development of the learner.

The college has the feedback mechanism from the students and other stake holders for improvement in curricular deilvery.

Initially the course module is prepared and updated by faculty for the subjects taught in the respective programs, thereafter course outcome is mapped with the program outcome, and finally after assesments the course attainment is calculated.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

1.1.2 Number of certificate/diploma program introduced during the last five years

Answer: 2

1.1.2.1 Number of certificate/diploma programs introduced year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	0	0	0	0

File Description	Document
Minutes of relevant Academic Council/BOS meetings	View Document
Details of the certificate/Diploma programs	View Document
Any additional information	View Document

1.1.3 Percentage of participation of full time teachers in various bodies of the Universities/ Autonomous Colleges/ Other Colleges, such as BoS and Academic Council during the last five years

Answer: 47.89

1.1.3.1 Number of teachers participating in various bodies of the Institution, such as BoS and Academic Council year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
30	13	04	31	06

File Description	Document
Any additional information	View Document
Details of participation of teachers in various bodies	View Document

1.2 Academic Flexibility

1.2.1 Percentage of new courses introduced of the total number of courses across all programs offered during the last five years

Answer: 4.07

1.2.1.1 How many new courses are introduced within the last five years

Answer: 16

File Description	Document
Details of the new courses introduced	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document

1.2.2 Percentage of programs in which Choice Based Credit System (CBCS)/Elective course system has been implemented

Answer: 100

1.2.2.1 Number of programs in which CBCS/ Elective course system implemented.

Answer: 05

File Description	Document
Name of the programs in which CBCS is implemented	View Document
Minutes of relevant Academic Council/BOS meetings.	View Document
Any additional information	View Document

1.2.3 Average percentage of students enrolled in subject related Certificate/ Diploma programs/Add-on programs as against the total number of students during the last five years

Answer: 48.68

1.2.3.1 Number of students enrolled in subject related Certificate or Diploma or Add-on programs year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
400	347	157	198	122

File Description	Document
Details of the students enrolled in Subjects related to certificate/Diploma/Add-on programs	View Document
Any additional information	View Document

1.3 Curriculum Enrichment

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

Answer:

Cross-cutting issues are integrated into the curriculum by the following mechanisms:

Gender:

The students and staff are supported by Internal Complaint Cell (ICC)/Women's Grievances Cell, which look after the grievances of women. Guest lecturers on women empowerment and workshop on gender sensitization (PUSH) were conducted.

Environment and Sustainability:

The syllabus of B. Pharm has a separate compulsory course on Environment Science. Two NSS units of the college are actively involved in cleaning, sanitation and environment awareness drive in the nearby adopted village. The college has taken initiatives for E-waste, Bio-waste and ETP. The institute has received certificate on Green Audit and participated in AICTE Clean campus drives. The campus is vehicle free and many trees are planted. The campus has rain water harvesting system as well as solar panels for renewable energy.

The college arranges various community services such as awareness camps about diseases, misuse of drugs, hygiene, street play on self medication, alcohol de-addiction, anti-smoking, polio, environmental challenges. Research projects on green chemistry are undertaken. Workshops on microsynthesis and microanalysis are organized by the College.

Human Values:

The college has Elevator and specially designed toilet for differently abled persons. The institute organizes the guest lectures on stress management and social awareness camps.

In the National Service Schemes and National Pharmacy week: Blood donation, awareness on Health, cleanliness, cashless transaction, surveillance on medicine expiry and precautions. Rallies on AIDS prevention, anti-smoking, polio eradication, safe use of medicine. Guest lecturers on Public Awareness on traffic Rules, How to reduce stress and stress management, Cardiac Awareness.

Communication skill and personality development (CSPD) lectures are conducted for the students. Such courses help to gain confidence & perform better during their career.

Physical well being:

The extracurricular committee (ECC) organizes various sports and cultural events, for development of team spirit and comradery.

Mental well being:

ECC and CCC organize events such as quiz competition, group discussion, debate, and chess during NPW and sports activities.

Emotional well being:

The college organizes guest lectures on Life Style Issues, Examination Stress and Time Managements.

Mentoring sessions helps to maintain emotional well being of students.

Spiritual well being:

The college organizes Yoga day and lectures of spiritual speakers in campus. For students, prayer room and mosque are available in campus.

Professional Ethics:

Pharmacy Oath is given to B. Pharm. students every year and is displayed. As a part of curriculum the subject of Pharmaceutical Jurisprudence is taught to T.Y. B. Pharm. students.

Table 1.3.1: Course in curriculum that addresses the cross cutting issues:

Cross Cutting Issues	Course(s) Title that address the issue	Remarks
Gender	Workshop on Gender Sensitization.	Sensitization of Staff and students
Environment & sustainability	Environment Science	Taught to B. Pharm First Year.
Human values	Communication skill and personality development NPTEL Courses on Humanity and Social studies	Taught to B. Pharm Final Year. For students through local college NPTEL chapter.
Professional ethics	Pharmaceutical Jurisprudence	Taught to B. Pharm Third Year.

File Description	Document
Any Additional Information	View Document
Link for Additional Information	View Document

1.3.2 Number of valued added courses imparting transferable and life skills offered during the last five years

Answer: 4

1.3.2.1 Number of value-added courses imparting transferable and life skills offered during the last five years

Answer: 04

File Description	Document
Details of the value-added courses imparting transferable and life skills	View Document
Brochure or any other document relating to value added courses.	View Document

1.3.3 Percentage of students undertaking field projects / internships

Answer: 30.23

1.3.3.1 Number of students undertaking field projects or internships

Answer: 159

File Description	Document
Institutional data in prescribed format	View Document
List of students enrolled	View Document
Any additional information	View Document

1.4 Feedback System

1.4.1 Structured feedback on curriculum obtained from

1) Students 2) Teachers 3) Employers 4) Alumni 5) Parents

For design and review of syllabus semester wise/year wise

Answer: A.Any 4 of the above

File Description	Document
Any additional information	View Document
Action taken report of the Institution on feedback report as stated in the minutes of the Governing Council, Syndicate, Board of Management	View Document
URL for stakeholder feedback report	View Document

1.4.2 Feedback processes of the institution may be classified as follows:

Answer: A. Feedback collected, analysed and action taken and feedback available on website

File Description	Document
Any additional information	View Document
URL for feedback report	View Document

2. Teaching-learning and Evaluation

2.1 Student Enrollment and Profile

2.1.1 Average percentage of students from other States and Countries during the last five years

Answer: 0

2.1.1.1 Number of students from other states and countries year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
List of students (other states and countries)	View Document
Institutional data in prescribed format	View Document
Any additional information	View Document

2.1.2 Average Enrollment percentage

(Average of last five years)

Answer: 88.94

2.1.2.1 Number of students admitted year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
145	144	158	137	163

2.1.2.2 Number of sanctioned seats year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
164	164	164	164	184

File Description	Document
Any additional information	View Document
Institutional data in prescribed format	View Document

2.1.3 Average percentage of seats filled against seats reserved for various categories as per applicable reservation policy during the last five years

Answer: 85.13

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
71	75	77	72	70

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

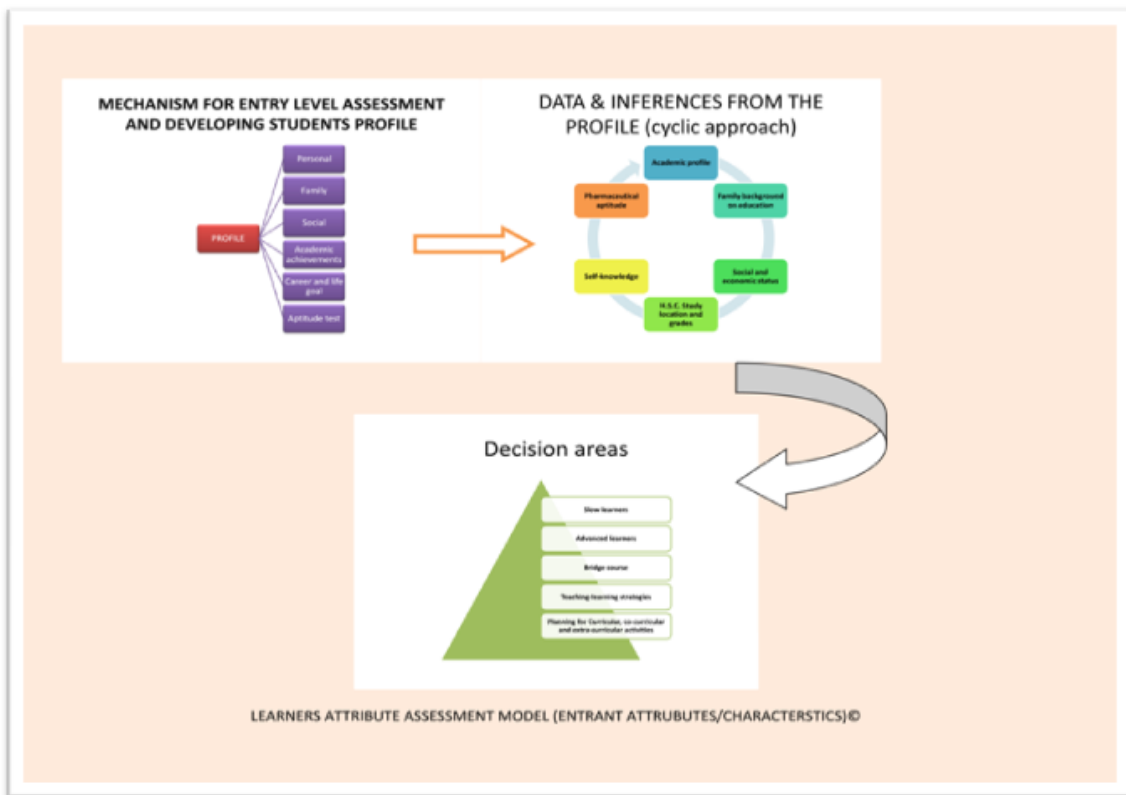
2.2 Catering to Student Diversity

2.2.1 The institution assesses the learning levels of the students, after admission and organises special programs for advanced learners and slow learners

Answer:

The college identifies the slow and advance learners initially by analysis of entry level merit and later by conducting IQ Tests, continued internal performance assessment, mentoring, tutorials and tests. The key issues such as knowledge, planning abilities, problem analysis and communication are initially identified based on entry level performance and continued performance assessment is done through outcomes of students interactions with the class teachers and mentors/guides allotted.

Fig. 2.2.1: Learners Attribute Assessment Model.



The college response towards the learning needs of the slow learners is done by following means:

1. Counselling of students and providing solutions for his problems during mentoring sessions and day to day evaluation.
2. Tutorials are taken for all students and slow learners in particular subject are provided support by respective teacher.
3. Providing course material and question bank to students.
4. Interactions with alumni through alumni association for motivation and guidance.
5. To boost English language and communication skills particularly in students from vernacular medium, language lab and communication skills and personality development course is provided.

The college response towards learning needs of advance learners is done by following means:

1. Providing textbooks for all subjects through book bank system.
2. Motivating students for better performance in competitive exams and for higher studies by mentors during mentoring sessions.
3. Conducting GPAT preparation classes, online examination through college YB-GPAT software and assessment modules for the GPAT examination.
4. Interaction with alumni through alumni association.
5. Assigning seminars/projects and group leadership.
6. Motivating and deputing the students to participate in in-house, intercollegiate or state and national level poster competition based on their research work.

7. Providing in house-training workshops for the students which includes hands on training of sophisticated instruments, equipment and software.
8. Motivation for participation in co-curricular activities.
9. Incentive, prizes and awards given to meritorious students for motivation.

Table 2.2.1: Identifying methodology for slow and advanced learners and activities to improve slow learner performance.

Title of activity	Nature of Activity	Remarks
Remedial Coaching	It is given to students who have not completed the required course (mathematics/biology) at entry level, which they have to qualify before the end of the V semester.	The course work is as prescribed by Dr. BAMU.
Assignments and Tutorials	Given to both slow and fast learners	Contains important questions that could improve their logical thinking and reasoning.
Conferences	Organized for both slow and fast learners.	To keep them updated with the current trends in pharmaceutical research.
IQ Test*(Report is the part of the attachment)	Assessment test for both slow and fast learners.	To test the ability to recall and apply information with major focus on critical reasoning.
Mentoring	Each student is allotted a respective mentor	Mentor keeps a watch on progress of the student and gives time to time guidance to improve the performance.

Besides this, college has a mechanism through which the differential requirements of the student population are analysed. To address the admitted students identified as differently abled, economically weaker sections, women and other disadvantages students (minority, reserved category, students from vernacular medium) appropriate committees (Equal opportunity cell, women's grievance cell, anti-ragging cell, etc.) have been formed which actively provide initial and continued assistance.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.2.2 Student - Full time teacher ratio

Answer: 13.49

File Description	Document
Any additional information	View Document
Institutional data in prescribed format	View Document

2.2.3 Percentage of differently abled students (Divyangjan) on rolls

Answer: 0.76

2.2.3.1 Number of differently abled students on rolls

Answer: 4

File Description	Document
Institutional data in prescribed format	View Document
Any other document submitted by the Institution to a Government agency giving this information	View Document
List of students(differently abled)	View Document
Any additional information	View Document

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

Answer:

Student centric methods are used for enhancing learning experiences some of the methods put in practise by the faculty are shown below.

Table 2.3.1.1: List of Student Centric Methods with Examples.

Student centric methods	Examples
Inquiry-based method	Students are encouraged to ask questions on subjects taught. Provided with appropriate tools and techniques to generate the data during laboratory practical work. Post- graduate students as a part of their research dissertation get the opportunity to plan and conduct investigations, think critically and logically about the results obtained and give scientific explanations. As a part of co-curricular activity debates on current topics, seminars on recent academic advancement and trends are arranged.
Discovery learning method	Student investigates a topic, issue or problem, by real time experimental work, obtain relevant information and interpret results and arrive at an appropriate conclusion. All necessary resource material is provided to the learners and teachers provide any necessary support during the practical investigations. Group working skills are enhanced as well as independence in learning is encouraged.
Problem-based learning (PBL)	It is used by post graduate students. The projects or problems selected are such that they often reflect or

	<p>are based on real-life scenarios(in pharmaceutical sectors)</p> <p>The processes of team work, research, data collection, critical thinking and so on are used by the students.</p> <p>PBL encourages self-directed in learning, prepares students to think critically and analytically, empowers students to identify, locate and use appropriate resources.</p> <p>To promote PBL, college IIC and Research and IPR cell seeks active collaboration from pharma industry for industrial projects.</p>
Project-based learning	<p>Used for student centered learning. Projects are given to final year B. Pharmacy students who work individually or collaboratively to gather and present information on a topic and present their work at the term end.</p> <p>Model and chart competitions are also held to further boost student understanding of subject.</p>
Resource-based learning (RBL)	<p>College provides a rich library for aiding the RBL approach for both B. Pharm. and M. Pharm students.</p> <p>Learning is through library software, electronic searches, CD-ROMs or through emails.</p> <p>Library assignments are given by teachers to students to foster student's autonomy in learning by providing opportunities to work individually or collaboratively while using appropriate resources and applying relevant literacy, numeracy and study skills to explore interesting topics.</p> <p>The college library is well equipped with multimedia computers, books, community and research journals, reports, dissertations, thesis, videos, DVDs, online material and human resources to obtain information relating to a chosen or set topic that the student requires.</p> <p>The college website provides interactive study material uploaded by teachers. The library is upgraded regularly and the library is open for access throughout the year.</p>
Value added learning	<p>The students are sensitized towards social issues by organizing lectures of eminent personalities from varied strata of society. Further through NSS unit, the students learn the motto of "Not Me but You" and other social responsibilities in NSS camps.</p>

Table 2.3.1.2: Some Examples for Enhancing Learning Experiences.

Sr. No.	Course Title/ Activity	Course outcome/ knowledge/ability to be developed	Teaching method used	Justification or Description
1	Pharmacognosy I B. Pharm. I Sem.	To gain knowledge about local flora and fauna	Resource and project and discovery based learning	Students prepare herbarium sheets by collecting plants from local area.
2	GPAT Preparation for B. Pharm. VII semester	To qualify in the competitive examination	Resource and problem based learning	Teacher provide flash card with the answers at the back
3	Project work for B. Pharm. VII semester	To develop attitude of research students	Problem, inquiry, project and resource based learning	Students are given projects either on research work, literature review or survey.
4	NSS Activity	To develop compassion towards society	Value based learning	NSS camps are organised in sensitization on social issues are done

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.3.2 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc.

Answer: 100

2.3.2.1 Number of teachers using ICT

Answer: 39

File Description	Document
List of teachers (using ICT for teaching)	View Document
Any additional information	View Document
Provide link for webpage describing the " LMS/ Academic management system"	View Document

2.3.3 Ratio of students to mentor for academic and stress related issues

Answer: 13.49

2.3.3.1 Number of mentors

Answer: 39

File Description	Document
Year wise list of number of students, full time teachers and students to mentor ratio	View Document
Any additional information	View Document

2.3.4 Innovation and creativity in teaching-learning

Answer:

Following innovative and creativity methods are adopted in teaching-learning and used by the faculty during last five years:

Table 2.3.4.: Innovative methods adopted and used by the faculty

Innovative methods adopted and used by the faculty		
Sr. No.	Innovative Practices in teaching	Impact
1	Animal experimentation through simulation for Pharmacology practical	Improved understanding of the concepts of experimental pharmacology. Reduced use of animals in experiments.
2	Assessment modules for GPAT by YB-GPAT software and GPAT preparative classes	13 students qualified GPAT in 2017
3	PBL for M. Pharm.	PBL has resulted in industrial based innovative research. The research work and dissertation submitted have been recognized and won awards at state and national forum.
4	Hands on training of students on advanced equipment/instruments	Skill development for the student and resulted in better placement
5	Learning through flash cards	Improved the learning and memorizing capacity of the students and impact of such practice has resulted in better university and GPAT results
6	Pharmacology model and chart making activity	Boost student understanding and helps in collaborative learning
7	Extensive use of Learning Management System with active teacher/student/administrator interface.	It provides the students online learning environment which can be accessed from any location.
8	Digital and electronic course delivery systems	Smart classrooms, Digital podium, visualizer, voice recorder etc. for delivery of regular and special lectures/seminars to the students.
	Digital M. Pharm. Dissertation (DMD)	It is online digital repository software of the college which avoids duplicity and helps in providing authentic source of information by the researchers. It also helps in maintaining communication between guide and student.

File Description	Document
Any additional information	View Document

2.4 Teacher Profile and Quality

2.4.1 Average percentage of full time teachers against sanctioned posts during the last five years

Answer: 85.85

File Description	Document
Year wise full time teachers and sanctioned posts for 5 years	View Document
List of the faculty members authenticated by the Head of HEI	View Document
Any additional information	View Document

2.4.2 Average percentage of full time teachers with Ph.D. during the last five years

Answer: 34.9

2.4.2.1 Number of full time teachers with Ph.D. year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
16	15	11	11	9

File Description	Document
List of number of full time teachers with PhD and number of full time teachers for 5 years	View Document
Any additional information	View Document

2.4.3 Teaching experience of full time teachers in number of years

Answer: 9.31

File Description	Document
Any additional information	View Document
List of Teachers including their PAN, designation,dept and experience details	View Document

2.4.4 Average percentage of full time teachers who received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the last five years

Answer: 9.61

2.4.4.1 Number of full time teachers receiving awards from state /national /international level from Government recognised bodies year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4	5	2	3	3

File Description	Document

e-copies of award letters (scanned or soft copy)	View Document
Institutional data in prescribed format	View Document

2.4.5 Average percentage of full time teachers from other States against sanctioned posts during the last five years

Answer: 14.15

2.4.5.1 Number of full time teachers from other states year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
7	7	5	5	5

File Description	Document
Any additional information	View Document
List of full time teachers from other state and state from which qualifying degree was obtained	View Document

2.5 Evaluation Process and Reforms

2.5.1 Reforms in Continuous Internal Evaluation(CIE) system at the institutional level

Answer:

The college is affiliated to Dr. BAMU and follows the evaluation process defined by the university. The examination/evaluation reforms are at two levels as enumerated below:

1. University Examination/Evaluation

The university has initiated various reforms in the last few years as mentioned below:

- The university has implemented a semester pattern for the B. Pharm program from 2013-14 onwards.
- Continuous internal assessment and evaluation for practical have been introduced.
- The university has introduced new bar-coding system for the answer papers for improving the confidentiality and the quality of examination. This has markedly reduced the result declaration time.
- The university provides the photocopies of answer papers on demand to the students for redressing their grievances in the examination to maintain transparency.
- The university has further introduced CGPA system of grading for M. Pharm. from 2016.

2. College (Internal) Exams/Evaluation

All Internal examination reforms are implemented at college level. Few examples which have positively impacted the examination system are

- Tutorial, and continuous evaluation system for theory and practical enables monitoring students performance.

- Daily oral, practical and written evaluation is incorporated into the Practical record books which allows for continuous evaluation.
- Internal theory subject question papers have been framed as per the University question paper pattern; this enables the students to get acquainted at formative stage which has resulted in better outcomes.
- Introduction of YB-GPAT online test series have shown improvement in results of B. Pharm. final year students at GPAT national PG entrance examinations.
- Mentoring tools are available for keeping track of student's (mentee's) continuous all round performance by the mentor.
- WHEEBOX aptitude tests are taken for B.Pharm. final year students to check their inclination towards a particular work area.

Frequent class tests are conducted, assignments and tutorials are given and evaluated to have a check on periodic student performance.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

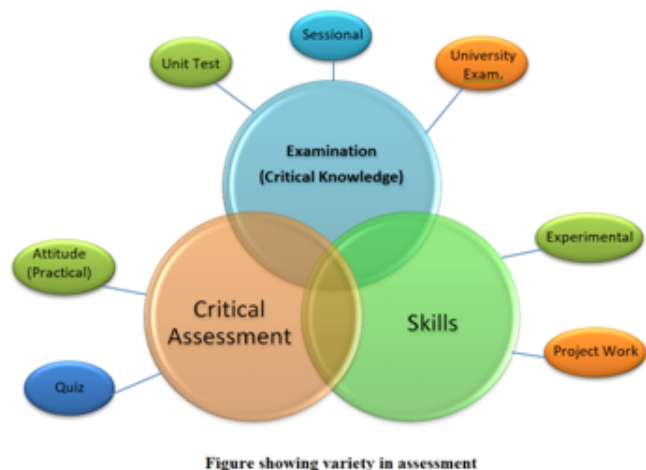
2.5.2 Mechanism of internal assessment is transparent and robust in terms of frequency and variety

Answer:

- The Examination Planning and Monitoring Committee (EPMC) prepares examination pattern, rules and regulations, time table, evaluation and assessment schedule for the internal examinations and implementation of external examination as per the guidelines by Dr. BAM University for Pharmacy programs. The IMCSE issues circulars and notices pertaining to all examination matters to the stake holders (faculty, students, mentor, parents) through college notice board, web site, WhatsApp, e-mails, SMS further information regarding University examination and evaluation pattern is available on the Dr. BAM University website and the college library. On commencement of First Year B. Pharm. / M. Pharm. course the college organizes an induction program for students and their parents.
- Parent Teacher association (PTA-YBCCPA) is a forum for the discussion of issues of students and their solutions particularly those issues related to academic, examination and student performance. Through this forum the parents are made aware of examination and evaluation process.
- The results of the internal (sessional) examination are discussed and shown to the students by the subject teachers. And the same is reassured by taking the signatures of the students on the answer paper and on the mark-list. All subject marks are entered in the Mother register for future reference. At the term end the mother mark list is displayed to the students and is again counter signed by them after assuring its authenticity.
- If there is any grievance from the students regarding the marks assigned, the IMCSE solves the grievances after cross checking the respective answer papers.

- The University announces the results on Dr. BAMU websites the student can view the result on-line and mark sheets are issued to the students by University through college.

Fig 2.5.2: Variety in Assessment.



File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.3 Mechanism to deal with examination related grievances is transparent, time-bound and efficient

Answer:

The Examination Planning and Monitoring Committee (EPMC) is functional in the college which looks into the matters related to internal and university exam grievances and the scope of this is specified in the office order issued to the EPMC which include,

- Guidelines and responsibilities to determine objectively and professionally whether a student satisfies the requirements set by the examination regulations of the university. The scope of the committee is to establish the guidelines and monitor them for effective implementation.
- Besides the other responsibilities the committee addresses the grievances of the students pertaining to the examinations.
- The guidelines for the committee are provided on the college website <http://ybccpa.ac.in/pdf/EP.pdf>.
- A written request received by the examination committee in charge supported by the relevant reasoning should be addressed within seven working days of the receipt by the committee.
- The committee comprises of the principal, examination In-charge and Academic In-charge.
- The EPMC meets twice a year and also invites the faculty member(s) or expert(s) in the meeting if required.
- The policies of the internal examination are framed as per the University examination blue print (guidelines).

- Internal Monitoring Committee for Sessional Examination (IMCSE) is functional cell under EPMC which meets prior to every university semester examination for validation of student marks prior to submission to the university.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.5.4 The institution adheres to the academic calendar for the conduct of CIE

Answer:

The college adheres to the academic calendar for the conduct of CIE. The academic calendar is prepared by the academic planning and monitoring committee (APMC) in liaison with IQAC. This calendar prepared is based on the affiliating university Dr. BAM University academic calendar.

- The academic calendar displays tentative dates of all academic activities like commencement of academic term, internal examinations schedules, university examinations extracurricular activities like national pharmacy week celebration, cultural week and annual social gathering, sports activities, winter and summer vacations, completion of academic term.
- All academic and extracurricular activities are organized and completed as per the schedule with the support of teachers, nonteaching staff and students.
- Academic calendar also displays the date for open house (PTA meet) to ensure that parents get the feedback of academic progress of their wards.
- The adherence to the academic calendar for the conduct of CIE is provided on college website and on the notice board.

The execution of all activities listed in the academic calendar is done according to academic calendar and its execution is monitored by the APMC.

Current year academic and university calendar is attached as additional information

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the Institution are stated and displayed on website and communicated to teachers and students

Answer:

Program Outcomes are established through the consultation process with stake holders keeping the Graduate Attributes, The Institute Vision, Mission and Program Educational Objectives in view. The

detailed establishment process is depicted in the following flow chart:

Fig 2.6.1: Flow Chart for outcome based education.



PROGRAMME LEVEL COURSE-PO MATRIX

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
C101												
C102												
C103												
C104												
C105												
C409												

Program outcomes, program specific outcomes and course outcomes for all programs offered by the college are clearly stated and displayed on the website for communication to teachers and students. It is also displayed on the notice board and also included in each course module and teaching plan.

Apart from this, the stakeholders are informed about the Program outcomes through orientation programs, faculty workshops, student awareness workshops, and faculty meetings.

Table 2.6.1: Example of Course Outcome for Biopharmaceutics and Pharmacokinetics (B. Pharm. Semester VII)

Code	Course outcome
CO 810.01	Define and describe the basic principles of biopharmaceutics and pharmacokinetics

CO 810.02	Define, describe and explain various mechanism of drug absorption, distribution, biotransformation, excretion and various factors affecting it.
CO 810.03	Interpret plasma drug concentration measurement by application of compartment and non-compartmental model and plan strategy for good patient care based on the pharmacokinetic data.
CO 810.04	Assess the Biopharmaceutics and Pharmacokinetics and their role in formulation development and clinical setting.
CO 810.05	Describe the concept of bioavailability and bioequivalence and apply its concept in assessing bioequivalence of the drug product.
CO 810.06	Ability to explain and apply the various statistical tools in the calculation of various pharmacokinetic parameters and in bioequivalence studies.

File Description	Document
COs for all courses (exemplars from Glossary)	View Document
Link for Additional Information	View Document

2.6.2 Attainment of program outcomes, program specific outcomes and course outcomes are evaluated by the institution

Answer:

The Institution has a set method of measuring program outcomes, program specific outcomes and course outcomes that ultimately improves the education quality of the college and graduate outcome. This is attained by taking inputs from the faculty, Student, Alumni, Industry and professional bodies linking into the positive outcomes.

The Attainment is calculated by direct and indirect methods.

Direct method:

- Initially the listed program outcomes and course outcomes are gathered for different courses
- The target levels are set
- Calculations are done for attainment of course outcomes to program outcomes.
- Each CO is mapped to PO to make a (CO-PO) matrix.
- The Attainment of course outcome is calculated by using the following formula;

Attainment of Course = 80% (Attainment Level in end term exam) + 20% (Attainment Level in Internal exam)

- And this method is, evaluating the attainment of COs by using student's marks, where the student marks consists of final exam and internal sessional exam.
- Assessment-CO matrix is produced for each individual course.
- The attainment level for course outcome are defined as follows:

Level 1: 40% students scored more than university average.

Level 2:50% students scored more than university average.

Level 3: 60% students scored more than university average.

- The average of the attainment values of courses are then used in calculation of Program Outcome Attainment
- The attainment of program outcome is done by using the following formula;

Attainment of program outcome = 80% (Avg. attainment by direct method) + 20% (Avg. attainment by indirect method)

Indirect method:

In this method feedback for all Program Outcomes and Program Specific outcomes are taken from the alumni and employers and this is incorporated in the formula for calculation of program outcome attainment. The weightage of attainment by indirect method is 20% in the calculation of program outcome attainment.

The attainment level for program outcome is defined as follows:

Program outcome	Target Attainment level
Level 1	0.5 > 1.0
Level 2	1.0 > 1.5
Level 3	1.5 > 2.0
Level 4	2.0 > 2.5
Level 5	2.5 > 3.0

The whole exercise is done for continuous quality improvement of the college. Based on the attainment values the teaching learning policies are modified and improved.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

2.6.3 Average pass percentage of Students

Answer: 79.74

2.6.3.1 Total number of final year students who passed the university examination

Answer: 122

2.6.3.2 Total number of final year students who appeared for the examination

Answer: 153

File Description	Document
Institutional data in prescribed format	View Document

Any additional information	View Document
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2.7 Student Satisfaction Survey

2.7.1 Online student satisfaction survey regarding teaching learning process

Answer:

File Description	Document
Database of all currently enrolled students	View Document

3. Research, Innovations and Extension

3.1 Resource Mobilization for Research

3.1.1 Grants for research projects sponsored by government/non government sources such as industry, corporate houses, international bodies, endowment, chairs in the institution during the last five years

Answer: 4.1

3.1.1.1 Total Grants for research projects sponsored by the government/non-government sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years(INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
3.5	0.6	0.0	0.0	0.0

File Description	Document
e-copies of the grant award letters for research projects sponsored by non-government	View Document
List of project and grant details	View Document

3.1.2 Percentage of teachers recognised as research guides at present

Answer: 38.46

3.1.2.1 Number of teachers recognised as research guides

Answer: 15

File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.1.3 Average number of research projects per teacher funded by government and non government agencies during the last five years

Answer: 0.36

3.1.3.1 Number of research projects funded by government and non-government agencies during the last five years

Answer: 16

File Description	Document
Supporting document from Funding Agency	View Document
List of research projects and funding details	View Document
Any additional information	View Document
Funding agency website URL	View Document

3.2 Innovation Ecosystem

3.2.1 Institution has created an ecosystem for innovations including incubation centre and other initiatives for creation and transfer of knowledge

Answer:

The founder Chairman of the college Dr. Rafiq Zakaria envisioned a corporate culture and his efforts fructified with the signing of MOU with Wockhardt Research Center, Aurangabad, as early as 1999 which laid the seed to establish an ecosystem for promoting learning, research and innovation.

Thereafter the ecosystem has traversed its own path constantly learning from our experiences in collaborative research with various research institutes in India and abroad. Today the College is a recognized PhD research centre.

The following Committees in the College are actively involved in the establishment of a research culture and promote initiatives for creation, transfer of knowledge and formation of incubation center;

1. Center for Entrepreneurship Innovation and Incubation
2. Research and IPR Committee.

1. Center for Entrepreneurship Innovation and Incubation (CEII):

The primary objective of the cell is to foster innovation research and entrepreneurial activities in pharmaceutical related areas focusing on creating a generation of zealous entrepreneurs and converting novel research into valuable intellectual property. Thus efforts are made to establish an internal entrepreneurial ecosystem channelizing the student's creative and innovative ideas into business propositions and enabling them to monetize the same. The basic idea is to offer students an alternative career option of being job creators instead of job seekers.

A major initiative taken by the CEII is the establishment of the Incubation Centre with a vision to promote entrepreneurial spirit amongst students, and faculty members. Institute provides technical assistance in the development of processes, technologies and products. The alumni/researchers if approached with newer concepts, college help these researchers to generate proof-of-concept through lab level experimentations and validate minimum viability of concept.

2. Research and IPR Committee (R&IPR):

This Committee monitors and addresses issues related to research and Intellectual Property. Framing and implementation of the research policy is one of the primary responsibilities of the committee, further the R&IPR committee is involved in the following activities

1. Encourage teaching staff for applying to research grants from various funding agencies such as AICTE, UGC, DST and SERB.
2. Purchase of sophisticated instruments and software for augmenting the research.
3. Monitors, designs and plans research issues at graduate, postgraduate and doctoral level.
4. Students and staff are encouraged to participate for University/ State/ National level innovative research project competitions like “Avishkar”.
5. To maintain scientific temperament for which expert talks are arranged.

The committee meets at least twice in a year, to monitor the progress of research work and provide timely suggestion regarding the improvement of quality in research.

As a result of the relentless efforts of the R&IPR Committee the Faculty members and students of the College have published more than 392 peer review research articles in National and International journals of high repute in the last five years.

Ten patent applications have been published at the Indian Patent office. The crowning glory of the R&IPR has been the grants received from various agencies such as AICTE, UGC and DST/ SERB of INR 1.6 Crores. More than 60 PG students have received GPAT scholarship and three PhD scholars MANF.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

3.2.2 Number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the last five years

Answer: 5

3.2.2.1 Total number of workshops/seminars conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	0	0	1

File Description	Document
List of workshops/seminars during the last 5 years	View Document
Report of the event	View Document

3.3 Research Publications and Awards

3.3.1 The institution has a stated Code of Ethics to check malpractices and plagiarism in Research

Answer: Yes

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File Description	Document
Institutional data in prescribed format	View Document
Any additional information	View Document

3.3.2 The institution provides incentives to teachers who receive state, national and international recognition/awards

Answer: Yes

File Description	Document
List of Awardees and Award details	View Document
e- copies of the letters of awards	View Document
Any additional information	View Document

3.3.3 Number of Ph.D.s awarded per teacher during the last five years

Answer: 1.67

3.3.3.1 How many Ph.Ds awarded within last five years

Answer: 15

File Description	Document
List of PhD scholars and their details like name of the guide , title of thesis, year of award etc	View Document
URL to the research page on HEI web site	View Document

3.3.4 Number of research papers per teacher in the Journals notified on UGC website during the last five years

Answer: 2.3

3.3.4.1 Number of research papers in the Journals notified on UGC website during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
55	73	84	80	100

File Description	Document
List of research papers by title, author, department, name and year of publication	View Document
Any additional information	View Document

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

Answer: 0.13

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

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
07 09 05 03 01

File Description	Document
List books and chapters in edited volumes / books published	View Document
Any additional information	View Document

3.4 Extension Activities

3.4.1 Extension activities in the neighbourhood community in terms of impact and sensitising students to social issues and holistic development during the last five years

Answer:

For overall development and to generate socially responsible students, the institute proactively participates in and conducts various extension activities:

Table 3.4.1: List of extension activities conducted.

Year	Outreach Programme
2012-13	NSS: Samta rally, Blood donation Camp, street show special camp IPA: Street Play Poster Competition, Elocution Competition, Power Point Presentation. Article writing
2013-14	NSS: Constitution Day, Blood Donation Camp, Inter Caste Marriage Programme, Aids day rally, Samta rally special Camp IPA: Street play poster competition, elocution competition, street show power point presentation article writing
2014-15	NSS: public awareness on traffic rules, Swacha Bharat Abhiyan, Blood donation camp, Inter Caste Marriage Programme, Aids day rally IPA: Street show, Medical Awareness and Exhibition
2015-16	Dengue cleanliness drive awareness with AMC, Run for heart Marathon by MGM, Free Eye Checkup Camp, Samta Rally, Blood Donation Camp, Special Camp IPA: Street show, Rally Organized by IPA(NPW) Candle Light Freedom March (Azaad 70 Yaad Karo Qurbani) Mass Recitation of National Anthem (Azaad 70 Yaad Karo Qurbani) Mass reading of Constitution Day of India (Azaad 70 Yaad Karo Qurbani) Blood Donation Camp

Impact of Extension and Outreach Programmes:

Extension and outreach programs impart the drive for volunteer service and benevolence in the students. It inculcates the habit of helping the needy poor people, neighborhood. The students under the NSS program learn to practically follow the motto of “Not Me but You”. In addition, experience gained through such programmes helps students make better commitment, acquire to change, improve their self-esteem, and better prepare for their career and be a good citizen of India. Such programs encourage students to develop an enduring ethics of service to society and devotion to the community.

Institution promotes university-neighborhood network and student engagement, contributing to the holistic development of students and sustained community development.

The students are encouraged to:

- Actively involve in social outreach programs to update the changing needs of the community
- Organize various outreach activities like National Pharmacy week celebration in which students from different institutions also participated
- Looks into new and innovative ways to reach out to the common man
- The college is keen to introduce the spirit of social responsibility by organizing, tree plantation program, traffic rules awareness sugar check-up blood grouping and donation camps, health check-up camps, and HIV /AIDS, Dengue, Diabetes, Cancer, Water born diseases awareness programs, women’s health and education, literacy and education to school student having theme based on social messages.
- Organizes seminar/workshop and awareness programs for the benefit of all the students’ staff and society.
- Organizes various extension and outreach programs through
- NSS Units of the college
- Indian Pharmaceutical Association (IPA)
- Faculties are encouraged to undertake projects and research work with sense of service to humanity. The programs aims for sponsors and funding agencies nationally and internationally to motivate students
- The college has the fine practice of raising funds and collecting other valuable materials to help the victims of natural calamities Epidemic disease, earthquake accidents.

Report of activities during the last five years are submitted under 3.4.3 & 3.4.4

File Description	Document
Link for Additional Information	View Document

3.4.2 Number of awards and recognition received for extension activities from Government /recognised bodies during the last five years

Answer: 18

3.4.2.1 Total number of awards and recognition received for extension activities from Government /recognised bodies year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
04	05	04	04	01

File Description	Document
Number of awards for extension activities in last 5 years	View Document
e-copy of the award letters	View Document

3.4.3 Number of extension and outreach programs conducted in collaboration with industry, community and Non-Government Organisations through NSS/NCC/Red cross/YRC etc., during the last five years

Answer: 17

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	4	6	3

File Description	Document
Number of extension and outreach programs conducted with industry,community etc for the last five years	View Document
Reports of the event organized	View Document

3.4.4 Average percentage of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the last five years

Answer: 78.62

3.4.4.1 Total number of students participating in extension activities with Government Organisations, Non-Government Organisations and programs such as Swachh Bharat, Aids Awareness, Gender Issue, etc. year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
520	476	440	300	213

File Description	Document
Average percentage of students participating in extension activities with Govt. or NGO etc.	View Document
Report of the event	View Document

3.5 Collaboration

3.5.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc during the last five years

Answer: 67

3.5.1.1 Number of linkages for faculty exchange, student exchange, internship, field trip, on-the-job training, research, etc year-wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
23	15	15	06	08

File Description	Document
Number of Collaborative activities for research, faculty etc.	View Document
Copies of collaboration	View Document
Any additional information	View Document

3.5.2 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. during the last five years

(only functional MoUs with ongoing activities to be considered)

Answer: 15

3.5.2.1 Number of functional MoUs with institutions of national, international importance, other universities, industries, corporate houses etc. year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
7	3	3	1	1

File Description	Document
Details of functional MoUs with institutions of national, international importance, other universities etc. during the last five years	View Document
e-copies of the MoUs with institution/ industry/ corporate house	View Document

4. Infrastructure and Learning Resources

4.1 Physical Facilities

4.1.1 The institution has adequate facilities for teaching- learning. viz., classrooms, laboratories, computing equipment, etc.

Answer:

The college has adequate facilities for teaching learning as per the requirement specified by statutory bodies. All the class rooms are ICT enabled with LCD projectors and smart board facility. To make teaching learning more interesting college has an interactive website with LMS facility for uploading various teaching material such as power point presentation, video, handouts, question banks. DMD task manager available on college website, enable the M. Pharm. students to upload their dissertation activities from the first semester to forth semester. The laboratories for conducting practical of various courses are equipped with internet facility and requirements such as aseptic room, fume hood, balance room with digital and analytical balances, preparation room, inventory area, hazardous chemical storages and all equipment for training the students during the practical. For conducting the practical effectively standard operating procedures (SOP) and calibration records are available in laboratories. For conducting co-curricular activities such as seminar, guest lecture and conference, ICT enabled seminar hall and auditorium with PI system is available.

Following facilities are available for the effective delivery of teaching learning activities:

- **Library:** Well ventilated ,spacious Library includes huge collection of print and electronic books containing total no of titles: 2995, total no of volumes: 15856 of Printed books; Total 400 titles of E-Books, journals and M. Pharmacy dissertation copies. Each service of the Library has been Digitized and completely automated. Digitization of College ID cards utilized as Library card, Electronic Database of Dissertations have been developed by LIB-MAN software, CD/DVD Library, Online Public Access Catalogue OPAC (Intranet), M-OPAC (smart phone android app), Off campus Book Reservation facility. The Library is a member of National Library Networks– DELNET (Developing Library Network- Delhi), and is having Remote Access of Dr. B.A.M. University Library's E- Resources, Inter Library Loan, Night Hours reading room facility, Wi- Fi Facility, Reprographic Services, Alert Service through Emails and SMS. Despite of having huge collection of 15000+ books, the library of Y. B. Chavan College of Pharmacy holds an invaluable special collection of rare books.
- **Museum for drug formulations:** Marketed drug formulations and information is displayed in museum for the benefit of students. Various dosage forms are displayed in the museum. The other museum consists of different varieties of plants, animals, crude drugs and specimens.
- **Machine room:** Machine-pilot plant facility is equipped with eight station rotary punching machine, coating machine, stability chamber and dissolution apparatus. All the machines are provided with SOPs.
- **Herbarium/ crude drug museum:** Herbarium sheets and crude drug museum is available and maintained by Pharmacognosy department. Medicinal plant information and their

characterization is displayed.

- **Instrumentation facilities:** Central instrumentation facilities are available with sophisticated instruments such as JASCO HPLC 2000 Plus, HPLC 10 ATVP, HPLC Hewlett Packard 1100, UV JASCO V-630 Spectrophotometer, Shimadzu UV-1800, JASCO FTIR-4100 spectrophotometer.
- **Computer aided laboratory:** The College has computer laboratory in which five computers are dedicated for training and research using the software such as V-life computer aided drug design software, Schrödinger, Design expert, PCP-disso, Ex Pharma., Chem-draw and Chem-sketch.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.2 The institution has adequate facilities for sports, games (indoor, outdoor) gymnasium, yoga centre etc. and cultural activities

Answer:

The college provides indoor and outdoor sports facilities, auditorium and multi gym facility to promote students interest in sports and cultural events and physically fitness. Optimum use of these facilities is assured by conduction of annual intra-college and inter-college sporting and cultural events. These events inculcates team work, sports spirit, leadership qualities, an opportunity for socialization and for all round development of students.

Table 4.1.2.1: Sports and cultural facilities in college and on campus.

Sr. No.	Infrastructure for sports/cultural	Specification area (Sq.m.)	Year of establishment
1	College Auditorium	210.00	2005
2	Millennium sport club	175.00	1999
3	Naval Tata Stadium	16800.50	1999
4	Shastri Memorial Hall (Open Air Theatre)	2559.57	1999

The College allocates funds for providing for and upgrading outdoor-sport kits such as tug-o-war, cricket kits, football colours, volley ball, lawn tennis, basketball as well as indoor sport kits such as carom boards, chess boards, table tennis, arm wrestling etc.

Yoga has now been included as a regular event at the College, the staff and students are trained by a dedicated instructor and thereafter yoga sessions are conducted at the College Auditorium.

The staff and students of the College have a unique opportunity of availing free membership to the Millennium sports club which has the state of art facilities such as cardio-treadmills, multi-gym, exclusive trainers for weight and aerobic exercises.

Naval Tata stadium established in 1999 and further upgraded and inaugurated at the hands of Mr. Ratan Tata (Chairman of Tata Sons) in the year 2001. The stadium houses all outdoor sports and athletic events. Kite flying is a unique and annual event during Makar-Sankranti festivities.

To generate a culture of harmony and concept of unit-in-diversity extracurricular events such as musical concerts, mushaira, drama, skits, dance, personality contest, rangoli and mehndi competitions, ranga-rang, antakshari, etc. are organized. Eid and Diwali celebrations at the college are eagerly awaited by the students specially the Canteen day. The Auditorium, Corridors and open spaces in the college are lavishly decorated by students during this period.

The Shastri Memorial Hall (Open Air Theatre) uniquely designed with a futuristic umbrella, large stage and has a huge capacity for approximately 3000 audience which is strategically situated on Campus. This facility is available for big cultural events such as Youth festivals.

To facilitate all these events the College has constituted the Extracurricular Committee which comprises of Sports Committee and Cultural Committee.

Table 4.1.2.2: List of sports items with college.

Sr. No.	Item	Number of Items
1	Cricket Kit	02
2	Football	02
3	Badminton	04
4	Table tennis (table and set)	01
5	Carrrom	03
6	Chess	12
7	Rope	01

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.1.3 Percentage of classrooms and seminar halls with ICT - enabled facilities such as smart class, LMS, etc

Answer: 100

4.1.3.1 Number of classrooms and seminar halls with ICT facilities

Answer: 08

File Description	Document
Number of classrooms and seminar halls with ICT enabled facilities	View Document
any additional information	View Document
Link for additional information which is optional	View Document

4.1.4 Average percentage of budget allocation, excluding salary for infrastructure augmentation during the last five years.

Answer: 15.46

4.1.4.1 Budget allocation for infrastructure augmentation, excluding salary year wise during the last five years (INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
8.5	7.25	20.0	30.0	1.0

File Description	Document
Any additional information	View Document
Details of budget allocation, excluding salary during the last five years	View Document
Audited utilization statements	View Document

4.2 Library as a Learning Resource

4.2.1 Library is automated using Integrated Library Management System (ILMS)

Answer:

The Library of Y. B. Chavan College of Pharmacy is fully automated using Integrated Library Management Software (ILMS)

- Name of the ILMS Software :Master Soft ERP SolutionsLIB-MAN Software
- Nature of Automation:Fully Automated
- Version : 2.0
- Year of Automation:2015

LIB-MAN Software is web –based, fully integrated, powerful and user-friendly, further the LIB-MAN Software is embedded with multilingual fonts for computerization of all In-house operations of

library

Major Modules

- Acquisition & Cataloging
- Circulation
- Reference Transactions
- Online Public Access Catalogue – OPAC
- Serial Control
- MIS Reports
- Smart phone app - MOPAC

Key Features of LIB-MAN Software

- Follows all library latest standard such as MARC 21, AACR 2 data Import & export
- No duplication of work & Secured
- Supports all latest technologies

M-OPAC:

- Free app - downloadable from Google Play store
- 24 x 07 Easy search- Off Campus Anywhere –Anytime
- Variety of Search Pattern
- Book Reservations/ Claim
- Global Access of collections of Libraries registered with LIB-MAN through

Apart from this the library has unique features as mentioned below:

The Library located on first floor of the college building. Total Carpet Area measuring 188 sq. & security features such as CCTV Cameras, Fire Extinguisher & various important notice display board.

Library rationally organized into eight sections namely:

- Acquisition Section & Registration of Library Users,
- Circulation Counter, M- OPAC Reserved Book
- Periodical Stand & Reference Counter,
- Reading Hall for Girls & Staff,
- CD/DVD Library,
- New Arrivals Shelf, Rare books shelf,
- Computers for E-Resource Access.

- Reprography & Scanning Section

Special features of Library include huge collection of Print & Electronic Books as follows;

- Total No of Titles:2995
- Total No of Volumes of Printed books: 15856
- Total Titles of E-Books: 400
- Printed Journals: 36
- E- Journals: 600.

Each service of the Library has been digitized & completely automated these include: Digitization of College ID cards utilized as Library card

- Electronic Database of dissertations has been developed by LIB-MAN software.
- CD/DVD Library
- Online Public Access Catalogue OPAC (Intranet)
- M-OPAC (smart phone & Android app)
- Off campus book reservation

Multimedia computers, dissertations, thesis, DVDs, online materials & user orientation and customized assistance of Library staff are held to provide best services.

The Library is a member of National digital library (NDL), National Library Networks– DELNET (Developing Library Network- Delhi) & is having Remote Access of Dr. B.A.M. University Library’s E-Resources, Inter Library Loan, Wi- Fi Facility, and Alert Service through Emails & SMS.

Night Hours reading room facility (24x7) is separately available for extent reading

The library provides facility for self study, research data collection & compilation. Thus the library serves as an important tool for teaching & learning process and academic enrichment of students.

Fig 4.2.1.1: Monthly Circulation Transactions Computed Through ILMS Software.

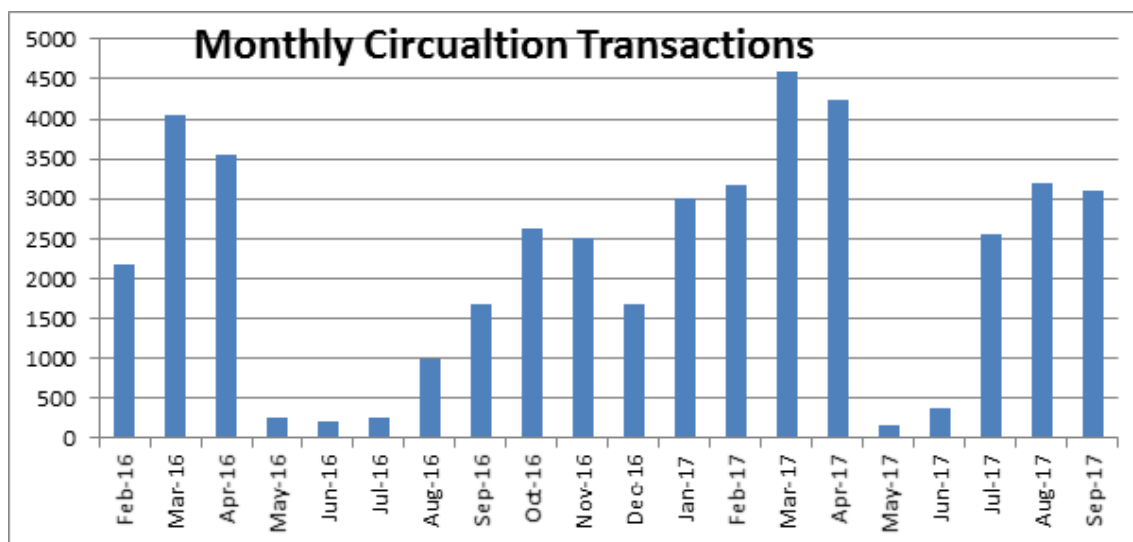
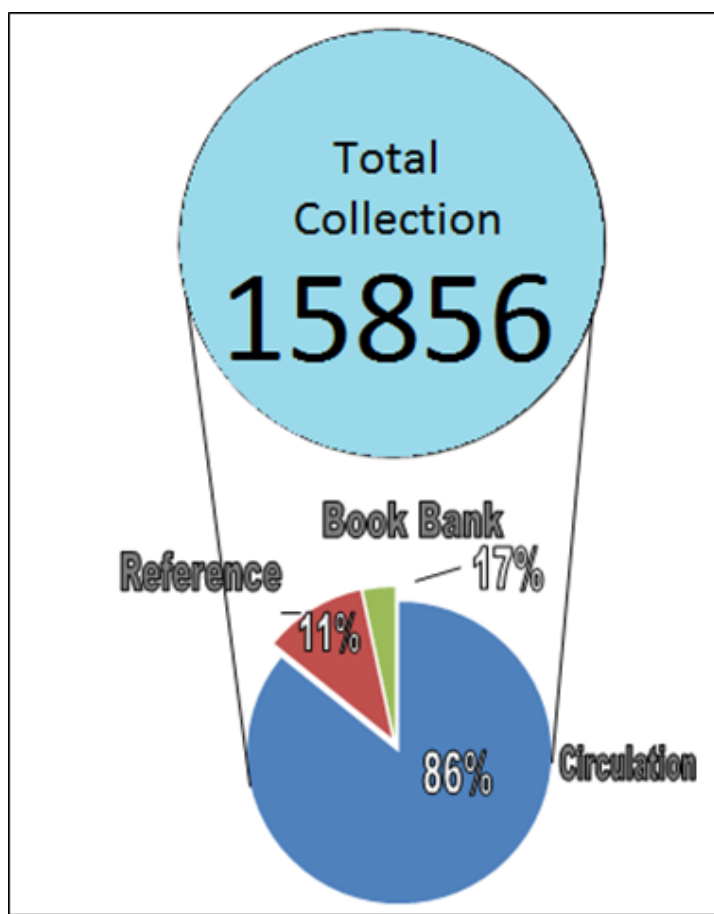


Fig 4.2.1.2: Distribution of Book Collections.



File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.2 Collection of rare books, manuscripts, special reports or any other knowledge resources for library enrichment

Answer:

Description of Rare Collection:

- Despite of having huge collection of 15000+ books, the Library of Y. B. Chavan College of Pharmacy holds an invaluable special collection of rare books containing key text & Key Reference Books such as vintage pharmacopoeias & others, which are rare kind, along with limited and first editions, books distinguished by their illustrations or history and posses legendary significance in Pharmaceutical Sciences and also holds the rare collection of General Books for the recreational reading of the users in a separate shelf
- Heritage books considered as first-hand accounts of events significant to pharmacy in which the reader can recapture the structure and feel of history as it was happening. These books offer primary sources which are elementary in secondary writings.

- Also we have the copies of the writings of Dr. Rafiq Zakaria who was the scholar of international repute and has authored dozens of books including Sardar Patel and Indian Muslims, The Price of Partition, Recollections and Reflections, Discovery of God, Communal Rage in Secular India, Iqbal The Poet & The Politician With an Introduction by Khushwant Singh, Rise of Muslim in Indian Politics An Analysis of Development from 1885 to 1906, The Widening Divide :- An Insight into Hindu-Muslim Relation, The Price of Power, Sardar Patel and Indian Muslims (In Urdu) . Dr. Rafiq Zakaria’s visionary writings are based on socio-religious topics which gives an insight of establishing social development and communal harmony.
- Library also holds the special collection of non book material such as transparent colored films of cross sections of and body parts of Anatomy & physiology.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

4.2.3 Does the institution have the following:

1. e-journals
2. e-ShodhSindhu
3. Shodhganga Membership
4. e-books
5. Databases

Answer: A. Any 4 of the above

File Description	Document
Details of subscriptions like e-journals,e-ShodhSindhu,Shodhganga Membership etc.	View Document
Any additional information	View Document

4.2.4 Average annual expenditure for purchase of books and journals during the last five years (INR in Lakhs)

Answer: 2.84

4.2.4.1 Annual expenditure for purchase of books and journals year wise during the last five years (INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4.57	2.10	0.79	2.85	3.88

File Description	Document

Details of annual expenditure for purchase of books and journals during the last five years	View Document
Audited statements of accounts	View Document

4.2.5 Availability of remote access to e-resources of the library

Answer: Yes

File Description	Document
Details of remote access to e-resources of the library	View Document
Any additional information	View Document

4.2.6 Percentage per day usage of library by teachers and students

Answer: 34.51

4.2.6.1 Average number of teachers and students using library per day over last one year

Answer: 195

File Description	Document
Any additional information	View Document
Details of library usage by teachers and students	View Document

4.3 IT Infrastructure

4.3.1 Institution frequently updates its IT facilities including Wi-Fi

Answer:

The college was established in 1989 with introduction of degree course B. Pharm. with an intake of 60 and in 2006 post graduate course M. Pharm was introduced in Pharmaceutics with in- take capacity of 10 and Pharmaceutical chemistry with in- take capacity of 8 seats. Later in 2008, M. Pharm Quality Assurance with in- take capacity of 10 seats and in 2009 M. Pharm. Pharmacology with 10 seats was introduced. With further increase in intake in the year 2012 in undergraduate course from 60 to 100 as well as increase in core specialty subjects in postgraduate course. The college updated its IT facilities by increasing the number of computers, software and printers.

The ICT cell is dedicated facility which recommends up gradation the computational facility, networking, and educational technological services on timely basis through review. The college has a structured LAN facility. All the end users are connected through 10/100/1000 base ports. All the LAN attached users are connecting to the Access Switch Based and obtains data networking connectivity through BSNL Optic fiber broadband plan which provides a bandwidth of 60 MBPS.

The teaching and learning process is enriched by incorporating interactive e-resources developed by college such as LMS and DMD. NPTEL online courses, e-books, e-journals, demonstration CDs on animal experiments (Ex-Pharma) are exclusively made available to learners so as to enhance learning capabilities. Students are also encouraged to use ICT facilities for analysis of experimental data (Design expert software, HPLC, Dissolution software, Schrodinger, V-life). The college has digitalized its library services i.e. College ID in the form of library cards for library use. Electronic Database of dissertations have been developed by LIB-MAN software, CD/DVD library, Online Public Access Catalogue OPAC (Intranet), M-OPAC (smart phone android app), National Digital Library (NDL), National Library Networks– DELNET (Developing Library Network- Delhi) and has Remote

Access to Dr. BAMU. Library's E- Resources thus enabling proper organization and wider means of accession to data.

For effective management and e-governance of store activities, the digital store software has been developed by college. All the Class rooms are ICT enabled with LCD and Interactive Smart Board facility for teaching, training, conducting meetings and delivering presentations. Graphical representation of computational and IT facilities available at college is given below.

Fig 4.3.1: Computation of IT facilities.

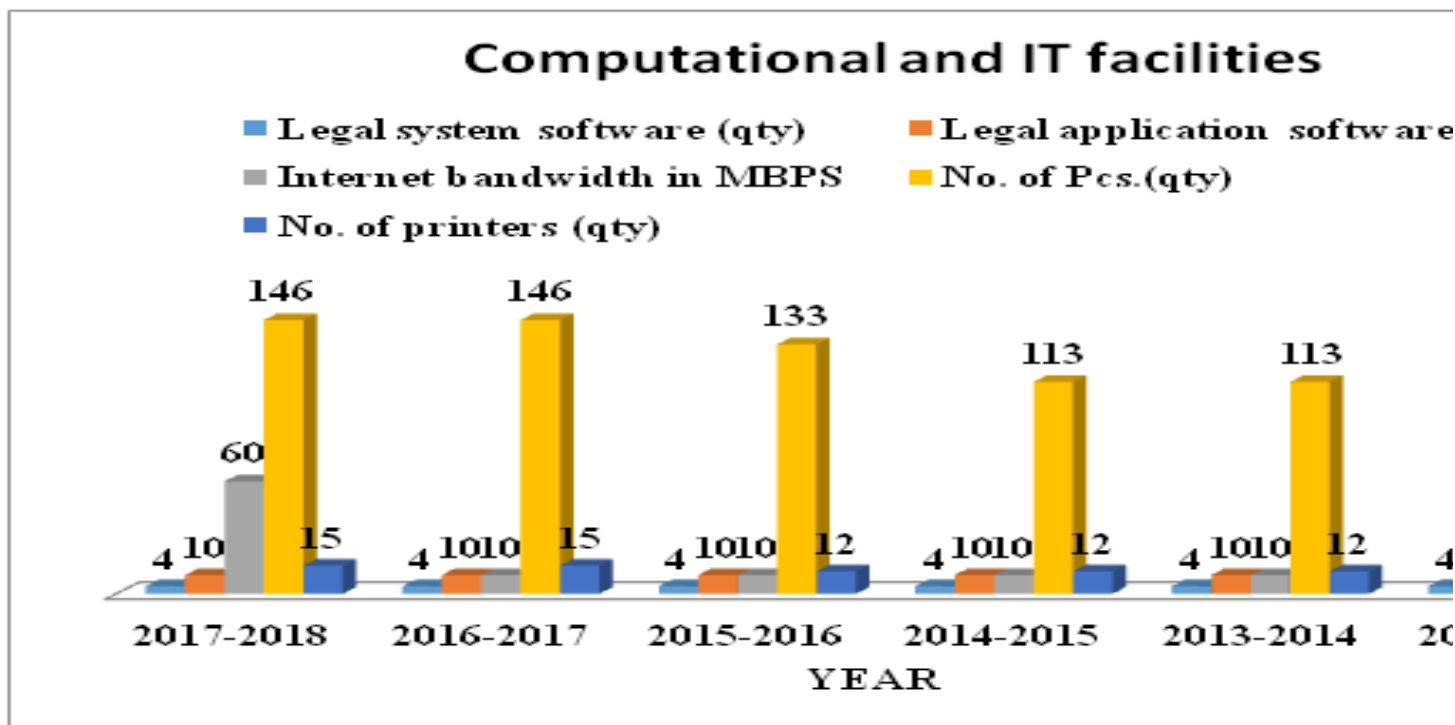


Table 4.3.1: Up-date and up-gradation of IT facility.

Sr. No.	Particulars of upgradation	Year of Upgradation
1	Updation of Internet bandwidth	2017
2	DMD Software	2016
3	YBCCPA-LMS software	2016
4	Online YBCCPA AlumniAssociation	2016
5	Store management software	2016
6	YBCCPA GPAT	2016
7	M-OPAC/ Smart Phone Android App	2016
8	LIBMAN- / OPAC Software	2016
9	Online faculty profile updation	2016
10	Website designing and CMS development	2016
11	Smart Board with Broad band/ Wi-Fi	2015
12	E-College software	2014
13	Regular Updation of PC configuration	1997 till date

File Description	Document
Any additional information	View Document

[Link for Additional Information](#)

[View Document](#)

4.3.2 Student - Computer ratio

Answer: 3.6

File Description	Document
Student - Computer ratio	View Document
Any additional information	View Document

4.3.3 Available bandwidth of internet connection in the Institution (Lease line)

Answer: >=50 MBPS

File Description	Document
Details of available bandwidth of internet connection in the Institution	View Document
Any additional information	View Document

4.3.4 Facilities for e-content development such as Media Centre, Recording facility, Lecture Capturing System (LCS)

Answer: Yes

File Description	Document
Facilities for e-content development such as Media Centre, Recording facility,LCS	View Document
Any additional information	View Document
Link to photographs	View Document

4.4 Maintenance of Campus Infrastructure

4.4.1 Average Expenditure incurred on maintenance of physical facilities and academic support facilities excluding salary component, as a percentage during the last five years

Answer: 78.51

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
84.20	64.33	61.49	64.56	63.86

File Description	Document
Any additional information	View Document
Details about assigned budget and expenditure on physical facilities and academic facilities	View Document
Audited statements of accounts.	View Document

4.4.2 There are established systems and procedures for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc.

Answer:

Repair and maintenance is a continuous process and every year separate budgetary allocations are sanctioned further the college defined guidelines and a policy for repairing and maintenance activity to ensure time bound maintenance work. The maintenance is categorized as follows:

Maintenance by Central-Campus personnel:

Maintenance work of various facilities on campus such as gardening, electrical generator, plumbing and pipping systems, electrical connection and services, Campus-cleaning and maintenance of Millennium sports club- Gym facilities, maintenance and services of elevators/Lift, structural maintenance and painting of buildings, pavements, walls, fencings and other macro-infrastructure on campus.

Maintenance work specific to College:

All maintenance work pertaining to facilities specifically provided at the college such as laboratory, class room, auditorium, library, toilet blocks, computer labs, equipment, furniture, replenishment of Fire extinguishers, plumbing, RO-water-facilities, water tank, etc. are maintained on daily basis through contract services or urgently on request through Maintenance and housekeeping committee. Further separate team of non-teaching staff has been appointed for housekeeping.

Monitoring and Assessment of the current state of repair of facilities are carried out frequently by the members of Maintenance and housekeeping committee. Based on their observations the necessary steps are taken to rectify the problem. In addition to this a maintenance book has been kept in the store room, so that any staff member can write the detail of the maintenance work that has to be carried out. This book viewed every day by the In-charge of maintenance and housekeeping committee and appropriate agency (listed below) are contacted for necessary action. The action taken report is noted in the maintenance book.

Table 4.4.2: List of agencies for maintenance work by the College is given below.

Sr. No.	Nature of work	Name of agency / Person	Contact no.
1	Electric maintenance	Bharat Electrical, Aurangabad Mr. Sami	9970388278
2	Equipment and instruments	Respective authorized agencies /suppliers/vendors/ manufacturer	-----
3	Housekeeping	Mr. Basharat Hussain (in-house)	9767035908
4	Plumbing	Mr. Shaikh Chand Plumbers.	9822931759
5	Lift maintenance	Abhishek Electrical and Engineering Company, Aurangabad	9225308366
6	Gardening	Blossom Gardeners, Aurangabad	9765683721

File Description	Document
Any additional information	View Document

5. Student Support and Progression

5.1 Student Support

5.1.1 Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years

Answer: 78.88

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
431	421	362	359	348

File Description	Document
Any additional information	View Document
Average percentage of students benefited by scholarships and freeships provided by the Government during the last five years	View Document
Upload self attested letter with the list of students sanctioned scholarships	View Document

5.1.2 Average percentage of students benefited by scholarships, freeships, etc. provided by the institution besides government schemes during the last five years

Answer: 5.72

5.1.2.1 Total number of students benefited by scholarships, freeships, etc provided by the institution besides government schemes year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
45	38	17	35	9

File Description	Document
Number of students benefited by scholarships and freeships besides government schemes in last 5 years	View Document
Any additional information	View Document

5.1.3 Number of capability enhancement and development schemes –

1. For competitive examinations
2. Career counselling
3. Soft skill development
4. Remedial coaching

5. Language lab

6. Bridge courses

7. Yoga and meditation

8. Personal Counselling

Answer: A. 7 or more of the above

File Description	Document
Any additional information	View Document
Details of capability enhancement and development schemes	View Document
Link to Institutional website	View Document

5.1.4 Average percentage of student benefited by guidance for competitive examinations and career counselling offered by the institution during the last five years

Answer: 35.79

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
218	206	155	157	142

File Description	Document
Any additional information	View Document
Number of students benefited by guidance for competitive examinations and career counselling during the last five years	View Document

5.1.5 Average percentage of students benefited by Vocational Education and Training (VET) during the last five years

Answer: 0

5.1.5.1 Number of students attending VET year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
0	0	0	0	0

File Description	Document
Any additional information	View Document

Details of the students benefitted by VET

[View Document](#)

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

Answer: Yes

File Description	Document
Any additional information	View Document
Details of student grievances including sexual harassment and ragging cases	View Document
Minutes of the meetings of student redressal committee, prevention of sexual harassment committee and Anti Ragging committee	View Document

5.2 Student Progression

5.2.1 Average percentage of placement of outgoing students during the last five years

Answer: 37.09

5.2.1.1 Number of outgoing students placed year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
70	46	24	44	21

File Description	Document
Self attested list of students placed	View Document
Any additional information	View Document
Details of student placement during the last five years	View Document

5.2.2 Percentage of student progression to higher education (previous graduating batch)

Answer: 32.79

5.2.2.1 Number of outgoing students progressing to higher education

Answer: 40

File Description	Document
Upload supporting data for student/alumni	View Document
Details of student progression to higher education	View Document

5.2.3 Average percentage of students qualifying in state/national/ international level examinations during the last five years

(eg: NET/SLET/GATE/ GMAT/CAT, GRE/ TOFEL/ Civil Services/State government examinations)

Answer: 16.58

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
14	18	06	20	17

5.2.3.2 Number of students who have appeared for the exams year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
105	98	72	85	88

File Description	Document
Any additional information	View Document
Number of students qualifying in state/ national/ international level examinations during the last five years	View Document
Upload supporting data for the same	View Document

5.3 Student Participation and Activities

5.3.1 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) during the last five years.

Answer: 7

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1	1	2	2	1

File Description	Document
Any additional information	View Document
Number of awards/medals for outstanding performance in sports/cultural activities at national/international level during the last five years	View Document
e-copies of award letters and certificates	View Document

5.3.2 Presence of an active Student Council & representation of students on academic & administrative bodies/committees of the institution

Answer:

Under the provisions of section 40 (2)(b) of the Maharashtra Universities Act 1994 Student Council is constituted every year.

- After the commencement of every academic year, The Institute student council is constituted as per the norms and guidelines of Dr. Babasaheb Ambedkar Marathwada University.
- Class Representatives are selected based upon their academic performances from each class and division.
- Based upon nominations, all the concerned faculty members select General Secretary (from amongst the Class Representatives), Cultural Secretary, Cultural coordinator, Sports Secretary, Sports coordinator, NSS Representatives and Ladies Representatives based on their past performance, which constitutes student council.
- The student council members conduct all the co-curricular and extra-curricular activities in the college under the guidance of the respective staff in-charges.
- The student council members are also actively involved in academic development activities of the college.

Objectives and functions of Students Council:

- To promote overall development (academic, professional and individual) of students by engaging them in various activities relating to sports, cultural and profession.
- To promote a cooperative culture amongst the students and to enhance their leadership skills
- Organizing various programs at intra and intercollegiate level
- Interact with each other and share the common platform.
- To promote image of the institute by highlighting its effective contribution towards the society.

The Roles and Responsibilities of Student Council:

- To officially represent all the students in the College.
- To identify and help to solve problems encountered by students in the College.
- To communicate its opinion to the College administration on any subject that concerns students and on which the council wishes to be consulted.
- To promote and encourage the involvement of students in organizing college activities.
- To organize educational and recreational activities for students.
- To participate in developing the college's educational projects and to promote it to the students.
- To propose activities to the College administration that would improve the quality of life in the college.

Financial needs for organization of different events are taken care of by college management on receiving the proposals from the student council.

Following are the Composition of Student Council:

1. Chairman
2. Students Council In-charge
3. General Secretary
4. Cultural Secretary
5. Cultural coordinator
6. Sports Secretary
7. Sports coordinator
8. NSS Student representative
9. Ladies Representatives
10. Class Representative (B. Pharm and M. Pharm)

The participatory mechanism enable students' representation in various academic & administrative bodies/committees these include the following

- Internal Quality Assurance Cell
- Anti-ragging Committee
- Library Committee
- National Social Service Comm.
- Health Aid Committee
- Extra-curricular Committee
- Students Council
- Class Representatives
- In-charges of Various Activities

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.3.3 Average number of sports and cultural activities/ competitions organised at the institution level per year

Answer: 20.8

5.3.3.1 Number of sports and cultural activities / competitions organised at the institution level year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
33	23	15	12	21

File Description	Document
Any additional information	View Document
Number of sports and cultural activities / competitions organised per year	View Document
Report of the event	View Document

5.4 Alumni Engagement

5.4.1 The Alumni Association/Chapters (registered and functional) contributes significantly to the development of the institution through financial and non financial means during the last five years

Answer:

The College has registered alumni association under the society registration act 1860/ 21 (registration no. MH- 242/16). It has a 13 member Executive Committee and General Body comprising of all registered members. The students who completed B. Pharm or M. Pharm or Ph. D. from college are eligible to register as member of the association.

Activities and contributions of the alumni association:

The “Alumni Association of Y. B. Chavan College of Pharmacy” (AAYBCCP) has taken initiative to bring all alumni of the college on one platform to create a global group. It is working towards creating opportunities to network, share nostalgic moments, help our juniors and be partner in the growth of their Alma matter. Some of the activities and contributions of the association is mentioned below:

1. Organize events such as alumni meet get-togethers of ex-students.
2. Participation of alumni in guest lectures and conferences organized at college
3. cademic Prizes instituted by alumni are as follows:
 1. Late Shri. Devidas Upasni Memorial Award Gold medel, Sponsord by Dr. C. D. Upasni (Working President Alumni Association) for meritorious students in the subject of Pharmacology in B. Pharm final year.
 2. Gold Medal Sponsored by M/s Aryaansh Bio-Naturals Pvt Ltd Aurangabad

Sponsored by Ms. Deepali Jadhav (Execut. Comm. Member Alumni Association) for Best Outstanding Girl student in the B. Pharm Final

1. ‘Ravi Nandedkar - Wyakti Vishesh’ scholarship (Rs. 5000/-) by Mr. Satish Nagre (Vice President Alumni Association)

2. Gold Medal for 1st merit in B. Pharm-II year sponsored by Shri. M. B. Agrawal.
3. Late Mrs. Pramilitai Shridhar Wakte memorial award Memorial Award - Cash Prize worth Rs. 10000/- sponsored for meritorious students in courses of Industrial Natural products and Medicinal Natural Products, by Dr. P. S. Wakte, Head Department of Chemical Technology, Aurangabad and Execut. Comm. Member Alumni Association.
4. Association also helps the alumni of the institute for getting better opportunities at higher positions through references, recommendations and placement agencies.

Table 5.4.1: Composition of Alumni Association.

SN	Name	Position
1	Dr. Zahid Zaheer, Principal, YBCCPA	President
2	Dr. Upasani C. D. (M. Pharm., Ph. D.)	Working President
3	Mr. Satish Nagre (B. Pharm.)	Vice-President
4	Dr. H. D. Une (M. Pharm., Ph. D.)	Secretary
5	Mr. Santosh Joshi (B. Pharm.)	Jt. Secretary
6	Mr. Abdul Azeem (B. Pharm.)	Treasurer
7	Dr. Pravin Wakte (M. Pharm., Ph. D.)	Member
8	Mr. Vivek Salunke (B. Pharm.)	Member
9	Dr. S. N. Mokale (M. Pharm., Ph. D)	Member
10	Dr. Mayura Kale (M. Pharm., Ph. D)	Member
11	Dr. Laila Fatema (M. Pharm, Ph. D.)	Member
12	Mr. Anand Nagapurkar (B. Pharm., Entrepreneur)	Member
13	Ms. Deepali Jadhav (B. Pharm., Entrepreneur)	Member

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

5.4.2 Alumni contribution during the last five years

Answer: 1 Lakh - 3 Lakhs

File Description	Document
Alumni association audited statements	View Document
Any additional information	View Document

5.4.3 Number of Alumni Association / Chapters meetings held during the last five years

Answer: 6

5.4.3.1 Number of Alumni Association /Chapters meetings held year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	2	1	1	0

File Description	Document
Any additional information	View Document
Number of Alumni Association / Chapters meetings conducted during the last five years.	View Document
Report of the event	View Document

6. Governance, Leadership and Management

6.1 Institutional Vision and Leadership

6.1.1 *The governance of the institution is reflective of an effective leadership in tune with the vision and mission of the institution*

Answer:

The College vision and mission statements mentioned below expound the proactive governance and effective leadership:

Vision:

To be the centre of excellence in Pharmaceutical education and research, with global partnership and collaborations for students development from all sections of society as competent Pharmacist and proficient entrepreneurs with social commitments and human values.

Mission:

To develop an evolving educational system with optimum infrastructure, competent and dedicated manpower, appropriate interaction with industries and institutes of high reputes, to generate globally competitive pharmacist as entrepreneurs, skilled-technocrats, researchers and health care professionals, to imbibe the philosophy of our founder and mentors for imparting scientific and secular value added education for social transformation and national development.

To effectively implement and achieve the vision and mission the management has set an evolving participatory system comprising of the Chairman at the helm of all affairs followed by the College Principal, IQAC, CDC and various committees. The governance is student centric; this is reflected in the pyramidal organization structure, which is displayed in the College and on the College website: <http://ybccpa.ac.in/Home/Page?Slug=organogram>

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.1.2 *The institution practices decentralization and participative management*

Answer:

College believes in decentralization of authorities and responsibilities by being open to the proposals and advice from all the stake holders for the smooth functioning of the college. The participation of

all stakeholders includes teaching staff, supportive staff, administrative staff, students, parents and industry and professional representatives which helps in decision making and implementation process. The head of departments, in-charges and heads of various committees, exam-incharge, librarian and administrative officer, all work cohesively under the direction of the Principal.

The various levels of participation of stake holders are as follows:

1) Teaching Staff Representation:

For the governance and as a part of participative management the following committees are formed.

1. Governing Body
2. College Development Committee (CDC)/ Local Managing Committee (LMC)
3. Internal Quality Assurance Cell (IQAC)
4. Academic planning and monitoring committee (APMC)
5. Examination planning and monitoring committee
6. Grievance Redressal committee
7. Women's grievance Redressal committee
8. Committee for the Purpose of Control & Supervision of Expt. on Animals(CPCSEA)
9. Industry institute interaction cell (IIIC)
10. Anti-ragging committee
11. Anti-ragging squad
12. Research & IPR committee (Avishkar Cell)
13. National social service committee
14. Library committee
15. Store & purchase committee
16. Information and communication technology cell (ICT)
17. Co-curricular committee
18. Competitive exam guidance committee
19. Discipline committee
20. Environment awareness committee
21. Equal opportunity cell committee
22. Extra-curricular committee
23. Health aid committee
24. Media and publication committee

25. Parents Teachers association.

26. Maintenance and house keeping

2) Non - Teaching Staff Representation:

1. Grievance Redressal committee
2. Store & purchase committee
3. Library committee
4. Information and communication technology cell (ICT)
5. Anti-ragging committee
6. Anti-ragging squad

3) Students Representation:

Following College Committees have students representation:

1. Students Council
2. Class representatives
3. In-charges for various activities.
4. IQAC
5. Anti-ragging committee
6. Library committee
7. National social service committee
8. Health aid committee
9. Extra-curricular committee
10. Discipline committee

4) Parents and External Representation (Industry, Social & Professional):

Following Institutional Committees have External Representation:

1. Institutional Animal Ethical Committee (IAEC)
2. Women's grievance Redressal committee
3. Anti-ragging Committee
4. IQAC
5. Industry Institute Partnership Cell (IIPC)
6. Research & IPR committee (Avishkar Cell)

7. Parents Teachers Association

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.2 Strategy Development and Deployment

6.2.1 Perspective/Strategic plan and Deployment documents are available in the institution

Answer:

College has prepared a perspective plan based on Vision 2029 proposed by the Principal in coordination with Management, CDC/LMC and GB. The Strategic plan is based on ABCDE model, taking into consideration the following aspects:

1. Assessment, Baseline- Where we are?
 2. Components- Where we want to be?
 3. Down to specifics- How we will do it?
 4. Evaluate- How are we doing?
1. **Assessment:** The assessment was based on institutional background followed by an environmental scan and SWOC analysis.
 2. **Baseline:** The institutions past developments, present situation and future prospects, taking into consideration all significant issues and capabilities as well as any gaps were considered to set the baseline.
 3. **Components:** The college vision-2029 and mission was set taking into consideration the views of all stake holders, care was taken to imbibe values and guiding principles of the founder and mentors. The College runs both undergraduate and postgraduate programs in Pharmacy thus the program educational objectives were prepared using major and specific goals, further due consideration has been given to the desired graduate attributes and program outcomes.
 4. **Down to specifics:** Implementation is a major hurdle thus our strategic plan elucidates the action plan, initiatives, targets, standards for performance and specifics for performance measurement.
 5. **Evaluate:** Periodic evaluation is mandatory to keep the plan on track so as to meet the desired targets. Performance management tools, effective review process, feedback mechanisms and corrective and preventive actions are necessary. An inbuilt design system providing space for appropriate revision in plan is incorporated.

The detailed Strategic plan and mechanism for financial mobilization and resource deployment for effective implementation during the ensuing 12 year period is explicated in the College VISION-2029 document the link for which has been uploaded herewith.

File Description	Document
Strategic Plan and deployment documents on the	View Document

website	
Link for Additional Information	View Document

6.2.2 Organizational structure of the institution including governing body, administrative setup, and functions of various bodies, service rules, procedures, recruitment, promotional policies as well as grievance redressal mechanism

Answer:

College has well defined pyramidal organizational structure with the Chairman at the helm of all affairs followed by the College Principal, governing body and the administrative setup supervised by the administrative officer. There are 25 committees constituted for cohesive functioning of the College. The functions and meeting frequencies of the administrative bodies and committees are given in table below:

Table 6.2.2: Committees their Functions and Frequency of meetings.

Committee/ statutory bodies	Functions	Frequency of meeting (per year)
Governing Body	Decides, policy framework. Supervises attainment targets and improvement strategy.	1
College development committee	Function as a policy making body.	2
Internal Quality Assurance Cell	Develop a system for consistent and catalytic action improve performance.	4
Academic planning and monitoring committee	Planning and co-ordinated teaching and learning activity.	6
Examination planning and monitoring committee	Attend to matters related to college and University exams.	2
Grievance redressal committee	Provide effective solution to the students and staff grievances.	2
Women's grievance redressal committee	Security to female student and work force.	2
Institutional Animal Ethics Committee.	Implementation of CPCSEA policies.	2
Industry institute interaction cell	Fostering Interaction with the Industry.	3
Anti-ragging committee	To prohibit and prevent ragging.	2
Anti-ragging squad	Create Ragging free zone.	3 to 4 visits
Research & IPR committee	Promote the research culture.	2
National service scheme	Implement NSS activities.	3

Library committee	Continuous improvement of library facilities.	3
Store & purchase committee	Procurement and storage of material.	3
Information and communication technology cell.	Maintain and enhance the ICT facilities.	2
Co-curricular committee	Organize activities for improvement of learner abilities.	3
Competitive exam guidance committee	Guidance for competitive exams.	3
Discipline committee	Inculcate and maintain discipline.	2
Environment awareness committee	Focus and suggest on matters regarding environmental aspects and its impacts.	2
Equal opportunity cell committee	Effective implementation of policies and programs of the Government for disadvantaged groups.	2
Extra-curricular committee	Organization of sports and cultural activities.	2
Health aid committee	Create awareness and conduct activities for good health.	2
Media and publication committee	Publicize the college activities/news in media.	2
Maintenance and House Keeping	Review maintenance and repairing, provide time bound solution for such work.	3

The college implements the service rules as per the statutory body AICTE and Govt. of Maharashtra since its inception.

The recruitment and promotion of staff is carried out as per the AICTE norms (www.aicte-india.org/) and Dr.BAMU (www.bamu.ac.in/).

While conveying professional education, we take care that students and stake-holders should be comfortable. The College has a robust grievances redressal mechanisms. As mentioned in the table above three committees have been exclusively formed for redressal of general nature, women issues as well as student issues (antiragging).

A flow chart providing the grievance mechanism is given as additional information herewith.

File Description	Document

Any additional information	View Document
Link for Additional Information	View Document

6.2.3 Implementation of e-governance in areas of operation:

1.Planning and Development

2. Administration

3. Finance and Accounts

4. Student Admission and Support

5.Examination

Answer: A. All 5 of the above

File Description	Document
Details of implementation of e-governance in areas of operation Planning and Development,Administration etc	View Document
ERP Document	View Document
Screen shots of user interfaces	View Document

6.2.4 Effectiveness of various bodies/cells/committees is evident through minutes of meetings and implementation of their resolutions

Answer:

The college has various bodies/cells/committees (Ref. 6.2.2) with required members, meetings of all the bodies are regularly conducted and recorded in the proceeding books and action taken reports are generated and maintained.

The suggestions made in the meetings of the Committees are taken up by the IQAC where decisions are taken and send to the LMC/CDC for final resolutions. Some major decisions taken by the IQAC and its final implementation in the last two years based on such a participative mechanism are **given in the table provided as a pdf. in additional information:**

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.3 Faculty Empowerment Strategies

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

Answer:

The welfare schemes available for teaching and non-teaching staff include

1. Provident Fund and Gratuity scheme.
2. Maternity leave

3. Paternity leave.
4. Regular Health checkups of teaching and non-teaching staff
5. General Insurance of non-teaching staff
6. Fees concessions to wards of employees of Maulana Azad Educational Trust and Society.

Schemes for welfare of teaching and non-teaching staff are enumerated in the table below.

Table No 6.3.1:Welfare Scheme and Number of Beneficiaries

Name of Scheme	Number of beneficiaries
Employee Provident Scheme	76
Maternity Leave	04
Paternity Leave	02
Health Checkup	87
Wards of staff of Maulana Azad Educational Trust's get up to 50% fee waiver if admitted in the college.	15
General Insurance of non-teaching staff	41
Gratuity scheme	03
Interest free festival loan	46
Washing allowance	26 staff (approx) / year
Advance loan for Medical Expenses	02
Extended Medical leave	02

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

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

Answer: 8.82

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

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
07 01 04 04 00

File Description	Document
Details of teachers provided with financial support to attend conferences,workshops etc. during the last five years	View Document
Any additional information	View Document

6.3.3 Average number of professional development /administrative training programs organized by the institution for teaching and non teaching staff during the last five years

Answer: 5.4

6.3.3.1 Total number of professional development / administrative training programs organized by the Institution for teaching and non teaching staff year wise during the last five years

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
7 8 2 5 5

File Description	Document
Any additional information	View Document
Reports of Academic Staff College or similar centers	View Document
Details of professional development / administrative training programs organized by the Institution for teaching and non teaching staff	View Document

6.3.4 Average percentage of teachers attending professional development programmes viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programme during the last five years

Answer: 13.09

6.3.4.1 Total number of teachers attending professional development programs, viz., Orientation Program, Refresher Course, Short Term Course, Faculty Development Programs year wise during the last five years

Answer:

2016-17 2015-16 2014-15 2013-14 2012-13
12 1 0 4 6

File Description	Document
Any additional information	View Document
IQAC report summary	View Document
Details of teachers attending professional development programs during the last five years	View Document

6.3.5 Institution has Performance Appraisal System for teaching and non-teaching staff

Answer:

The college has incorporated appraisal methods which include a self-performance appraisal system and a comprehensive feedback mechanism from stake holders. Confidentiality of performance appraisal and feedback mechanism is maintained.

The principal reviews Self-appraisal report and feedback for assessment to evaluate the performance of the staff members which aids in taking effective decisions for

1. Increments in salaries
2. Promotions
3. Disciplinary actions if any
4. Improvement in institutional policies

Table 6.3.4: Appraisal System with Frequency and Outcome.

Appraisal System	Frequency	Outcome
Student Feedback for faculty members	Twice in a year	To review teaching performance of the faculty
Performance appraisal report	Once a year	To review overall performance of the faculty

File Description	Document
Any additional information	View Document

6.4 Financial Management and Resource Mobilization

6.4.1 Institution conducts internal and external financial audits regularly

Answer:

The College conducts internal and external financial audits regularly. Internal financial audit of college and administrative divisions is carried out by Trust appointed committee biannually and mistakes if any are rectified. Trial balance sheet and income-expenditure of college are prepared followed by the annual audit which is carried out by the statutory auditor. As per regulations of

statutory bodies the Trust is registered under the Bombay public trust act, thus consolidated audited statement is thereafter submitted to the Charity Commissioner.

External academic, administrative and financial audits are regularly conducted during inspections by regulatory agencies such as Pharmacy Council of India, Directorate of Technical Education Maharashtra State, further all financial aspects pertaining to the Social welfare scholarships are audited by the Social Welfare Office of the Government of Maharashtra.

Table 6.4.1: Internal and External Auditors.

Financial Year	Internal Auditor	Objection if Any	External Auditor	Objection if Any
2012-13	Mr. M. M. Singhvi & Co.	Nil	-----	Nil
2013-14	Mr. M. M. Singhvi & Co.	Nil	Pharmacy Council of India	Nil
2014-15	Mr. M. M. Singhvi & Co.	Nil	Director of Technical Education	Nil
2015-16	Mr. Kelkar & Mr. Paranjape	Nil	-----	Nil
2016-17	Mr. Anil Mardikar & Co.	Nil	Pharmacy Council of India	Nil
			Govt. Of India Scholarship (SIT) Audit (2009-10 to 2-15-16)	Nil

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.4.2 Funds / Grants received from non-government bodies, individuals, Philanthropists during the last five years (not covered in Criterion III)

Answer: 50.1

6.4.2.1 Total Grants received from non-government bodies, individuals, philanthropists year wise during the last five years (INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4.65	43.85	0.5	0.8	0.3

File Description	Document
Any additional information	View Document
Details of Funds / Grants received from non-government bodies during the last five years	View Document
Annual statements of accounts	View Document

6.4.3 Institutional strategies for mobilisation of funds and the optimal utilisation of resources

Answer:

The College is a self-financing, private unaided minority institution and main source of income is through students' fees. The annual fees recovered from the students are reflected on the College website and also the website of the Shikshan Shulka Samiti Mumbai (MS) (www.sssamiti.org) which is a statutory body responsible for fee fixation.

Other source of resource is through philanthropic contributions from industries in the form of equipment. The college is recognized by UGC under 2(f) & 12 (b) and faculty members regularly apply for research grants from different government bodies like AICTE, DST, SERB, ICMR and UGC, Dr BAMU, substantial amount has been generated during the last few years through such proposals (Ref 3.1.3). The faculty members further mobilized funds through consultancy services (Ref 3.1.1). The College Alumni Association have recently graciously made some financial contributions to benefit the students (Ref. 5.4.2).

The financial resources thus mobilized are put to the optimum use as per the budgetary allocations (Ref 4.1.4, 4.2.4, 4.4, 4.5). The budgetary allocations are based on the institutions strategic plan (Ref. 6.2.1)

File Description	Document
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

Answer:

In pursuance for performance evaluation, assessment and accreditation and quality up-gradation, the College has established the Internal Quality Assurance Cell (IQAC). Since quality improvement is a continuous process, the IQAC is a part of the college system and work towards realization of the goals of quality enhancement and sustenance. The prime task of the IQAC is to develop a system for conscious, consistent and catalytic improvement in the overall performance of institutions.

Fig 6.5.1: IQAC flow chart.



OBJECTIVES OF IQAC:

IQAC facilitate and contributes:

- To focus on the functioning of college for quality enhancement and facilitate quality culture.
- For augmentation and integration among the various activities of the institution and institutionalize many good practices.
- To provide a sound basis for decision making to improve institutional functioning.
- To enhance internal communication.

IQAC STRATEGIES:

IQAC has developed mechanisms and procedures for:

- Ensuring timely, efficient and progressive performance of academic and administrative task
- Optimization and integration of modern methods of teaching and learning and evaluation
- Establishment of reliable evaluation procedures
- Ensuring the adequacy, maintenance and functioning of the support structure and services

IQAC FUNCTIONS:

- Development and application of quality benchmarks/parameters for various academic and administrative activities of an institution
- Dissemination of information on various quality parameters of higher education
- Organization of workshops, seminars on quality related themes and promotion of quality circles
- Documentation of the various programs / activities leading to quality improvement
- Preparation of the Annual Quality Assurance Report (AQAR)

Some quality assurance strategies and processes developed to establish quality culture in the college are as follows;

1. Governance:

The effective governance of the organization is key for achieving the goal of providing the quality education to stakeholder. Various committees (Ref. 6.2.2) have been established with clear objective and responsibilities. The committee members conduct the meetings as per the meeting calendar and maintain the minutes of meeting. The suggestions of these committees are put forth during IQAC meetings for decisions and implementation at CDC and GB meetings.

2. Internal academic and administrative audit of the department and committee:

The IQAC has proactively developed the mechanism for the internal academic and administrative audit of the various departments of college and working committees. The audit of the department and committee are carried out two times in the year. Observation made by the committee are analysed and compressive result sheet is prepared by IQAC

3. Teaching learning:

To enable optimum review of teaching learning process a structural mechanism has been established through the Academic Planning and Monitoring Committee (APMC) in liaison with IQAC various teaching methodologies have been established (Ref. 6.5.2)

File Description	Document
Link for Additional Information	View Document

6.5.2 The institution reviews its teaching learning process, structures & methodologies of operations and learning outcomes at periodic intervals through IQAC set up as per norms

Answer:

The IQAC has been set up as per norms since 2014. To enable optimum review of teaching learning process a structural mechanism has been established through the Academic Planning and Monitoring Committee (APMC). It has a unique mechanism of implementing, monitoring teaching and learning process on a daily basis. Assessment methodologies and feedback mechanism have been established to enable periodic evaluation of learning outcomes by the IQAC. The APMC meets 6 times in a year, suggestions related to academics are put forth in IQAC meetings which are schedule 4 times in a year.

Some of the Teaching Learning methodologies implemented in the College through APMC and IQAC initiatives and their outcomes are given below:

Table 6.5.2.1: Methodologies and outcome of teaching learning process.

Methodologies	Outcome
Macro-planning: After analysis of previous years feedback and assessment and consideration Dr BAMU academic calendar the IQAC	Ensures systematic academic implementation by design.

along with inputs develops the College annual calendar/planner	
Micro-planning: Allotment of Courses to subject teachers, development/updating of course module and LMS/DMD. Preparation of daily academic time table and laboratory occupancy timetable.	Better curriculum delivery
Monitoring, Record Keeping and Communication: Attendance record, Teachers diary and use of attendance software, electronic-digital systems.	Better students attendance is ensured and e-communication assured
Transparency: Communication of internal marks after evaluation to students and parents	Update parents/guardian about their child/wards performance
Result Analysis and Review	Assessment of academic delivery of the faculty member Performance of the students
Add on programs and courses	Development of interpersonal, leadership, communication skills.
Feedback from stake holders	Suggest improvement in course delivery for better learning outcomes.

Another initiative taken by IQAC with liaison with APMC has been implementation of course module. The course module represents the activities, resources and outcomes in a course to facilitate the learner to understand the various aspects as mentioned below.

Table 6.5.2.2: Particulars of course module and description.

Particulars of the course module	Description
Course specifications	Provide the information about the title of course code, and program year.
Course objectives	Enumerates objectives of course
Course outcomes	Expected outcome form the learner.
CO-PO matrix	Mapping of course outcome with program outcome
Teaching and assessment methods	Method of teaching and assessment are outlined.
Course contents (Theory/Practical)	Enumerates the teaching content to be delivered as per syllabus.

Assignment & tutorials	Schedule and number of assignment & tutorials
Learning resources	References book and other learning tools
Student support	Email/ LMS/ Faculty contact numbers
Schedule of assessment	Dates of summative and formative examination
Facilities required	Classroom, laboratories, equipment, instrument and other prerequisites
Course improvement process	Feedback mechanism for improvement of course content and delivery
Information of faculty member responsible for the course	Location, office hours and contact detail of faculty

The constitution of IQAC and APMC formed as per norms is attached as additional information.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

6.5.3 Average number of quality initiatives by IQAC for promoting quality culture per year

Answer: 1.2

6.5.3.1 Number of quality initiatives by IQAC for promoting quality year-wise for the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
02	03	01	00	00

File Description	Document
Number of quality initiatives by IQAC per year for promoting quality culture	View Document
IQAC link	View Document

6.5.4 Quality assurance initiatives of the institution include:

1. **Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback collected, analysed and used for improvements**
2. **Academic Administrative Audit (AAA) and initiation of follow up action**
3. **Participation in NIRF**
4. **ISO Certification**
5. **NBA or any other quality audit**

Answer: A. Any 4 of the above

File Description	Document
Any additional information	View Document
Details of Quality assurance initiatives of the institution	View Document
e-copies of the accreditations and certifications	View Document
Annual reports of institution	View Document

6.5.5 Incremental improvements made during the preceding five years (in case of first cycle)

Post accreditation quality initiatives (second and subsequent cycles)

Answer:

The quality enhancement initiatives in the academic and administrative areas implemented in the last five years is as given in the table below:

Table 6.5.5: Incremental improvements in the last five years.

Year	Incremental improvements
2016-17	Digital Store Management System Digital M. Pharm Dissertation Learning Management Software (LMS) ICT enabled class rooms Installation and Commission of Lift/elevator. Green Audit. Solar panels for renewable energy ETP (Effluent Treatment Plant) Certificate Add on Program (TP01-HPLC & TP02 CADD) BridgeCourse for Direct Second Year D.Pharm students. Number of teaching staff with Ph. D. - 16
2015-16	Restructuring of office Course Module GPAT Software Committee formation for effective governance Number of teaching staff with Ph. D. - 15 Restructuring and renovation of office

	Implementation of Digital Library by ILMS (LIBMAN Software)
	NPTEL Local Chapter at College
2014-15	Implementation of ISO 9001: 2008 standards. Establishment of IQAC Number of teaching staff with Ph.D. - 11
2013-14	Creation of additional Infrastructure facilities
2012-13	Increase in B. Pharm intake from 60 to 120 Number of teaching staff with Ph. D. – 09 Continuous Internal Evaluation (CIE)

File Description	Document
Any additional information	View Document

7. Institutional Values and Best Practices

7.1 Institutional Values and Social Responsibilities

7.1.1 Number of gender equity promotion programs organized by the institution during the last five years

Answer: 9

7.1.1.1 Number of gender equity promotion programs organized by the institution year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
4	2	1	1	1

File Description	Document
Any additional information	View Document
Report of the event	View Document
List of gender equity promotion programs organized by the institution	View Document

7.1.2

1. Institution shows gender sensitivity in providing facilities such as:

- 1. Safety and Security**
- 2. Counselling**
- 3. Common Room**

Answer:

The College emphasizes on the needs, aspirations, abilities and professional values of employees as men and women, without any prejudice about their gender. Further extensive efforts are taken to account for the societal and cultural factors involved in gender based exclusion and discrimination in the most diverse spheres of public and private life.

College shows gender sensitivity in providing facilities such as:-

1. Safety and security
2. Counselling
3. Common room facility

1) Safety and Security:

Security: Security personnel are appointed round the clock (24x7).

CCTV monitoring: The College is equipped with CCTV which provides 24 hr. surveillance in order to monitor the ongoing activities on all the floors.

Complain Box: The campus is equipped with a complain box instituted by the Aurangabad Police (Under the Damini scheme) which is situated near the entrance gate intended to gather any suggestions or address any complaints from female staff and students of the campus regarding any abuse.

Institutional monitoring and grievance redressal committees: The College has committees to monitor and address safety and social issues viz., Anti ragging committee, internal complaint committee (ICC) and grievance redressal cell.

Health Aid Centre: The health aid centre on the campus is staffed with a female doctor to attend to emergency first aid services.

Fire Safety and thunder guard lightening protection: Fire extinguishers, smoke detectors and early streamer emission type lightening terminal has been installed for safety of all students and staff.

Awareness/orientation programs and lectures: The College conducts seminars/talks on regular basis in order to promote social values viz., gender equality, gender sensitivity and highlights social evils such as dowry and cybercrime.

Every year orientation programs are organized for boosting confidence of female faculty and students through initiatives such as People United against Sexual Harassment (PUSH) under the governance of ICC, the program is sponsored by Maharashtra State Commission for Woman. Another annual program much awaited by the ladies is the International Woman's Day celebrated on 8th March. The college organizes competitions which motivate the concept of "Save girl child" with the title "Stop female feticide".

2) Counseling:

The College provides professional assistance and guidance to female students in resolving personal or psychological problems; in addition to this such issues are regularly monitored by the female mentors appointed to female students (mentees) under the college mentoring program. Each mentor guides around four girl students from the inception of the undergraduate program. The mentor interacts and supports the assigned mentees in resolving all their issues.

3) Common Rooms:

College provides separate common rooms and washrooms for males and females. Female common rooms are equipped with amenities such as First aid box and sanitary napkin vending machine. The common room also serves as a recreation centre.

File Description	Document
Any additional information	View Document

7.1.3 Alternate Energy initiatives such as:

1. Percentage of annual power requirement of the Institution met by the renewable energy sources

Answer: 40

7.1.3.1 Annual power requirement met by the renewable energy sources (in KWH)

Answer: 10

7.1.3.2 Total annual power requirement (in KWH)

Answer: 25

File Description	Document
Any additional information	View Document
Details of power requirement of the Institution met by renewable energy sources	View Document
Link for Additional Information	View Document

7.1.4 Percentage of annual lighting power requirements met through LED bulbs

Answer: 15.38

7.1.4.1 Annual lighting power requirement met through LED bulbs (in KWH)

Answer: 2

7.1.4.2 Annual lighting power requirement (in KWH)

Answer: 13

File Description	Document
Any additional information	View Document
Details of lighting power requirements met through LED bulbs	View Document

7.1.5 Waste Management steps including:

- **Solid waste management**
- **Liquid waste management**
- **E-waste management**

Answer:

Waste Management Steps:

Waste management is an important feature and all efforts are directed towards adopting environment friendly practices in managing solid waste, liquid waste, e-waste and bio-waste. The Environment Awareness Committee of the College gives effective suggestions in this regard.

Solid waste management:

Minimum use of paper and paper recycling:

The papers printing on both side for better utilization at the office. The same practice is also adopted for student M. Pharm thesis, where the thesis is printed on both sides. However, the paper waste finally generated by the College is given to vendors for recycling.

Vermi-compost bed in campus (use of bio-fertilizers):

The foliage collected on campus is used for composting, thus the compost used in the campus is organic and biodegradable. Synthetic fertilizers and insecticides are not used in the Campus.

Reuse of plastic containers:

Use of plastic containers like water bottles, cans are avoided and if unavoidable empty containers are put to reuse for preparing Bird nests, ice trays etc.

Bio-Waste:

The College takes efforts in minimizing the production and proper disposal of bio-hazardous wastes. The college has a contract with biomedical waste management and treatment facility agency (Water Grace Products) at Aurangabad for bio medical waste disposal services.

Liquid waste management:

Effluent treatment plant:

College has installed and commissioned an effluent treatment plant (ETP) for liquid waste management. To improve the waste-water quality without adding any chemicals and to enhance the water dissolved oxygen by providing aeration. The treated water is used for gardening.

E-waste:

In compliance with the e-waste management, the computer department strictly adheres to the following:

- Obsolete computers in good working condition is donated to sister concerns and the needy.

- E-bin has been set up in computer lab for e-waste accumulation.
- The irreparable e-waste like corrupted CDs, defective batteries, mouse, cables, extension wires and other computer accessories are disposed through recognized agencies.
- An MOU has been signed with E-Recon recycling, Aurangabad for e-waste management.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.6 Rain water harvesting structures and utilization in the campus

Answer:

The College is independent of water supply from the Municipal Corporation or Private Tankers. All the water required is obtained from the wells situated on campus,

It is a known fact that the College is located in a draught declared Marathwada region hence to overcome water shortage and to ensure a continuous supply certain measures have been meticulously taken. The College campus has a well-equipped rainwater harvesting system facilitated by an ideal set up, including the sloping and storm sewers, to ensure maximum collection of rain water. The water table is thus sufficiently enriched and the collected groundwater also replenishes the water level in the two wells. The two wells on the campus serve as the water source.

The dug wells are periodically de-silted to remove debris materials. The water wells are surrounded with brick walls to ensure safety. The water from the dug wells are utilize for college drinking purpose after RO-processing as also the water is used for campus gardening, washing in the canteens, hostels and further the water caters to the needs of the local community residing near the campus and also serves the needs of their cattle.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.7 Green Practices

- **Students, staff using**
 - Bicycles**
 - Public Transport**
 - Pedestrian friendly roads**
- **Plastic-free campus**
- **Paperless office**
- **Green landscaping with trees and plants**

Answer:

Students and staff members are generally encouraged to use bicycles for commuting to the college, although 1st October is declared no vehicle day in Aurangabad city staff members use bicycles or walk to college on the next working day too.

Public transport:

Students coming from far off places such as from Jalna, Phulambri, Sillod use public transport services such as Trains and Buses. Staff and students commute by carpooling.

Pedestrian friendly roads:

The college campus is noise and vehicle free it has a separate entrance for vehicles and a separate parking area, the campus is paved and has garden with spacious lawns very safe and obstruction free for pedestrians.

Plastic free campus:

The college sensitizes the staff and students to tackle the menace of plastics which are a major contributor to global pollution. Since we believe in eco-friendly best practices; everyone is discouraged from using plastic bags and adopt the 3 R's Reduce/Reuse/Recycle. Posters encouraging ideas of plastic free environment are displayed at prominent sites within the college and campus.

Paperless office:

The administrative office has greatly reduced the usage of paper. This is continuously being done by converting documents and other papers into digital form. Through this practice productivity is boosted, it saves space and makes e-sharing of documents and information easier and faster. Personal information is more secure. Going 'Paper less' helps the environment. Papers are also recycled and reused whenever possible.

Green landscaping with trees and plants:

Dr. Rafiq Zakaria Campus is synonymous with green landscaping with more than 1000 plants including more than 100 trees. It is a pleasant adobe for teachers and learners alike. The campus is one of the greenest and cleanest educational campuses in the region; harboring abundant greenery which inhabits a variety of flora and fauna. Plants such as *Bougainvillea*, *Syzygium spp* (Jamun), *Nerium indicum* (Indian oleander) which are known to effectively neutralize greenhouse emissions, are found in sizable numbers within the campus. A variety of medicinal trees have also been planted. The campus is a Tobacco free zone ensuring clean and healthy air. Other significant measure include the installation of solar panels as a source of renewable energy.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.1.8 Average percentage expenditure on green initiatives and waste management excluding salary component during the last five years

Answer: 1.52

7.1.8.1 Total expenditure on green initiatives and waste management excluding salary component year wise during the last five years(INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
1.5	1.38	1.8	0.89	0.9

File Description	Document
Any additional information	View Document
Details of expenditure on green initiatives and waste management during the last five years	View Document
Green audit report	View Document

7.1.9 Differently abled (Divyangjan) Friendliness Resources available in the institution:

1. Physical facilities
2. Provision for lift
3. Ramp / Rails
4. Braille Software/facilities
5. Rest Rooms
6. Scribes for examination
7. Special skill development for differently abled students
8. Any other similar facility (Specify)

Answer: A. 7 and more of the above

File Description	Document
Any additional information	View Document
Resources available in the institution for Divyangjan	View Document
link to photos and videos of facilities for Divyangjan	View Document

7.1.10 Number of Specific initiatives to address locational advantages and disadvantages during the last five years

Answer: 11

7.1.10.1 Number of specific initiatives to address locational advantages and disadvantages year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
2	3	4	1	1

File Description	Document
Number of Specific initiatives to address locational advantages and disadvantages	View Document
Any additional information	View Document

7.1.11 Number of initiatives taken to engage with and contribute to local community during the last five years (Not addressed elsewhere)

Answer: 45

7.1.11.1 Number of initiatives taken to engage with and contribute to local community year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
11	10	10	4	10

File Description	Document
Details of initiatives taken to engage with local community during the last five years	View Document
Report of the event	View Document

7.1.12

Code of conduct handbook exists for students, teachers, governing body, administration including Vice Chancellor / Director / Principal / Officials and support staff

Answer: Yes

File Description	Document
URL to Handbook on code of conduct for students and teachers , manuals and brochures on human values and professional ethics	View Document

7.1.13 Display of core values in the institution and on its website

Answer: Yes

File Description	Document
Any additional information	View Document
Provide URL of website that displays core values	View Document

7.1.14 The institution plans and organizes appropriate activities to increase consciousness about national identities and symbols; Fundamental Duties and Rights of Indian citizens and other constitutional obligations

Answer: Yes

File Description	Document
Any additional information	View Document
Details of activities organized to increase consciousness about national identities and symbols	View Document

7.1.15 The institution offers a course on Human Values and professional ethics

Answer: Yes

File Description	Document
Any additional information	View Document

Provide link to Courses on Human Values and professional ethics on Institutional website	View Document
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7.1.16 The institution functioning is as per professional code of prescribed / suggested by statutory bodies / regulatory authorities for different professions

Answer: Yes

File Description	Document
Provide URL of supporting documents to prove institution functions as per professional code	View Document

7.1.17 Number of activities conducted for promotion of universal values (Truth, Righteous conduct, Love, Non-Violence and peace); national values, human values, national integration, communal harmony and social cohesion as well as for observance of fundamental duties during the last five years

Answer: 16

File Description	Document
Any additional information	View Document
List of activities conducted for promotion of universal values	View Document

7.1.18 Institution organizes national festivals and birth / death anniversaries of the great Indian personalities

Answer:

Celebrations and organization of national festivals and birth/death anniversaries of great and eminent Indian personalities is an annual feature of our College.

NATIONAL FESTIVALS: These are observed throughout the year some of the events are as given below;

1. Independence & Republic Day: Students contributed paintings, articles on the occasions.
2. Ramzan and Eid-ul-fitr: With the beginning of Holy month of Ramzan, students greet each other Happy and blessed Ramazan. Students contributed articles on the holy month, and how to stay healthy during Ramzan. Iftar parties are also organised.
3. Marathwada Mukti Sangram Din is observed every year on 17-Sept-2017 every year.. Notices are issued in advance to the faculty members to attend the flag hoisting ceremony on the college campus.
4. Raksha Bandhan: Students contributed articles and quotes on the rakhi festival.
5. On the first of may Maharashtra Day and Labour day is observed every year.

BIRTH ANNIVERSARY OF NATIONAL HEROES: The death and birth anniversaries of following national heroes are observed every year.

- **Mahatma Gandhi:** Holiday notice is declared on 2nd Oct on account of Mahatma Gandhi's birth anniversary. A student contributed an article on the father of the nation.

- **Dr B R Ambedkar:** A student contributed an article on the birth anniversary of the father of the constitution B R Ambedkar on 14th April.
- **Dr Maulana Abul Kalam Azad:** Birth anniversary is celebrated on 11th November as National Education Day.
- **Dr A P J Abdul Kalam:** Students contributed articles on the former president on the occasion of the 11th president of India on his birth anniversary on 15th October.
- **Dr Rafiq Zakaria:** Notice was notice every this year informing the faculty members and non-teaching staff to gather near the ‘mazaar’ on 9th July around 5 pm to make dua in respect of Late Dr Zakaria, the founder chairman and president of Maulana Azad Educational Trust and Maulana Azad Education Society on his 12th death anniversary. A student contributed a sketch made by him, while another student wrote a brief sketch on his life.

The College also conducts these events through a unique platforms which is the wall magazine ‘RxPRESSIONS’ which was started with an aim to provide a platform to explore students’ creativity like writing skills, poetry, sketching, drawing, photography. The magazine also displays month-wise list of birthdays of students, faculty members and non-teaching staff. The core committee members of the magazine extend greetings to birthday celebrants.

The magazine observes various occasions and commemorative days and accordingly based on the theme the students contribute articles, sketches, drawings, photographs, artworks. The themes include the national festivals like Independence Day, Republic Day, major festivals like Rakhi, Ramzan and Eid. Besides, occasions like birth and death anniversaries of national heroes are also observed. Students pay tribute to national heroes in form of articles and sketches.

File Description	Document
Any additional information	View Document

7.1.19 The institution maintains complete transparency in its financial, academic, administrative and auxiliary functions

Answer:

To ensure complete transparency in financial, academic, administrative and auxiliary functions a participatory mechanism is built into the College organization setup. The participative management/ mechanism at the college ensures involvement of all members including the stake holders. They express their ideas, participate in framing policies and involved in decision making. Equal representation is taken from teaching staff, non-teaching staff, students, and external representatives such as parents, alumni and pharmaceutical professionals. The PTA helps to bridge the communication gap between the college and parents and facilitates their participation in important functions.

Financial: Budget for the financial year is proposed based on the requirements submitted by the HODs of different departments, stores etc. through LMC/CDC by mutual consensus within the policy framework.

Admission and fee: Admission of students in first year and direct second year is done on merit basis. 51% seats are reserved for minority candidates as per norms of Government of Maharashtra. The fee is charged strictly as fixed by Shikshan Shulk Samiti/ Fee regulating authority (FRA). The admission is done through centralized online admission procedure which is transparent and documented. Institute level admission is done by the admission committee on which staff members and representatives from the management are deputed. Fee is accepted as Demand Draft/ Digital

payment (NRFT/RTGS) and through cheques. Accounts are regularly audited by internal and external auditors.

Store and purchase: The process of purchase of equipment, instruments and other particulars is initiated through participative mechanism. All activities of the store are digitalized. Requisition can be placed online and activities can be monitored. The quotations once procured is processed after acquiring technical knowhow from the respective HODs. Finally it is sent to the Finance committee for actualization.

Academics: The academic planning and monitoring committee prepares and displays the annual academic planner, time table, course modules on College website well in advance. LMS/DMD and ATCOVATION software ensures transparency in course delivery and monitoring of student attendance respectively. All these activities involves faculty and student participation. Assessment is based on feedback of stake holders all reports are shared and uploaded on the College website. Internal marks are displayed on the notice board and signatures of students and staff is taken before forwarding the results to the university.

College committees: Committees are formed to assist in smooth administrative functions and to address internal grievances. Transparency is maintained through proceeding books containing minutes of the meetings. The constitution of the committee is displayed at college premises. Information about various committees is provided to the students through orientation programs and the contact numbers of faculty members is also displayed to provide easy access to all stake holders.

Selection and increment to staff: The College fills the vacant posts by calling interviews after giving advertisement and are selected by a university approved minority selection committee. Increments are based on robust appraisal mechanism.

File Description	Document
Any additional information	View Document

7.2 Best Practices

7.2.1 Describe at least two institutional best practices (as per NAAC Format)

Answer:

FIRST BEST PRACTICE

Eco-friendly Approach in Teaching/ Learning & Research:

The pharmacy programs offered have a substantial practical element thus the college has taken a conscious effort of adopting environment friendly practices in teaching, learning and research activities. Initially the staff is trained and primed by attending workshops focusing on environmental challenges and application of microsynthesis and microanalysis during experimentation. Green Chemistry approaches like use of microwave, ultrasonic processor and parallel synthesizer minimizes solvent usage and at the same time are energy efficient processes. More than 200 compounds have been synthesized using the Parallel reaction synthesizer, which is an efficient process and also requires low solvent volume. More than 80 research articles have been published using eco-friendly practices. The use of solvents is minimized and lab effluent is neutralized by the effluent treatment plant (ETP). Water is preserved as far as possible by practicing serial extraction procedures for obtaining phyto-pharmaceuticals. Quality by design (QbD) approach is followed in method development and synthetic medicinal chemistry optimizing the number of experimental and minimizing chemical usage. The practice has challenges such as replacing

chemicals with alternate less toxicity and hazardous ones, optimizing synthetic methods, finding cost effective alternatives.

SECOND BEST PRACTICE

Digitalization for Effective Administration:

The college has adopted digitalization in harmony with the Digital India Movement, started by the Government of India. Practices adopted include, streamlining the documentation system through digitalization with the aim of integrating people, information and technology. It replaces paper forms with online forms, cashless payments, creates faster delivery of decisions and communications to students with web forms, improves access and visibility to files. Mobile friendly software Apps are used to record and communicate attendance and facilitate communication by SMS. Digital Library (ILMS) is implemented for automation and to enhance efficiency for users for speedy transactions, retrieve statistical records of library transactions. Library Automation Software (LIBMAN) allows conversion of library records as per the international standards in the form of MARC. M-OPAC is a smart phone android app using which users can browse the library collection as well they can reserve books remotely. The Digital Store management system is used to fast track orders and provide foolproof inventory control. The stock is updated while the movement and utilization of chemicals, glassware, stationery and other inventory is conveniently monitored. Learning outcomes are enhanced through the Digital learning management system (LMS) which assists in remote access to study material and permits learners the freedom to grasp at own pace. A digital platform is provided for assessment through YB GPAT which provides test series and practice questions for students preparing for GPAT. As a good practice we are gradually converting the existing manual documentation process into a secure retrievable digitalized management system to effectively aid in administrative processes. Certain constraints associated with the practice include: requirement of uninterrupted high speed intranet and internet. The digital data needs to be secure from hacking, viruses and unauthorized alterations. Technical expertise, training and motivation to staff and students are needed to switch to digital content.

File Description	Document
Any additional information	View Document
Link for Additional Information	View Document

7.3 Institutional Distinctiveness

7.3.1 Describe/Explain the performance of the institution in one area distinctive to its vision, priority and thrust

Answer:

Inclusive education with a quest for excellence:

Y. B. Chavan College of Pharmacy was established by late Dr. Rafiq Zakaria in 1989, it is a premier institute situated on Dr. Rafiq Zakaria Campus. The campus is a blend of modern buildings with Mughal architecture and sprawling green gardens. The campus is an exemplary model of unity in diversity, with over 10,000 boys and girls of diverse caste, class, creed and religion. The Trust named after Maulana Abul Kalam Azad embraces the rich educational traditions of India's first Education Minister, who insisted on democratization of education.

Under the leadership of Chairperson Mrs. Fatma Rafiq Zakaria, as a priority we provide inclusive education to ensure educational equity to students from all sections of the society to produce

globally competent professionals, entrepreneurs and individuals with high regards for social commitments and human values. College has produced 1985 undergraduates and postgraduate students from various Pharmacy programs. Interactions with industry resulted in successful placements. We have an evolving educational system with optimum infrastructure, qualified, competent and dedicated manpower. Students' performance is gauged by high pass percent and academic achievement in university merit list and national level examination. More than 60 PG students have received GPAT scholarship and three PhD scholars MANF.

Research projects are underway in significant areas of synthetic medicinal chemistry, formulation development, reverse engineering, nano-formulation, basic and clinical pharmacology, translational medicine and phyto-pharmaceuticals. Faculty and students have published 820 research articles and 10 patents have been filed. To provide expertise to students amongst the 39 faculty recruited, there are 15 PhD's including 9 registered PhD guides and 10 are currently undergoing their PhD. Lab facilities are continuously upgraded with advanced equipment, instruments and softwares V-Life and Schrodinger have been procured through financial aid to the tune of Rs.1.6 Crore. To promote entrepreneurship in the region, the college has started a Centre for Entrepreneurship Innovation and Incubation.

Inclusive education has been further extended breaking down barriers to learning, enhancing community participation through NSS units and eco-friendly practices. Improved systems have been devised for evaluation of the learning outputs and teaching efficiency. To support learning attainment LMS, DMD, Smart classrooms, educational tours, and training programs are included. Course enrichment programs and mentoring culture are adopted to support students and augment abilities required for global competition.

The College consistently unfolds and expands its vision to meet evolving performance expectations. It is ISO 9001:2008 certified and thus has achieved increased trustworthiness and competitiveness through integration and alignment of internal processes and effective management of resources. In the quest for excellence, College takes endless efforts in broadening the educational outlook, through participative management; inputs are taken from all stake holders to design strategies that will ultimately enhance quality outcomes. Few of the other college achievements and recognitions are:

Recognized under section 2(f), 12(b) of UGC

24th NIRF-2017 Rank

Green Audit A064

Guinness World Record for Blood Donation with HDFC bank.

National and International laurels and achievements by students and Alumni

File Description	Document
Link for Additional Information	View Document

Extended Profile

Programme

Number of courses offered by the institution across all programs during the last five years

Answer: 393

Number of self-financed Programmes offered by college

Answer: 07

Number of new programmes introduced in the college during the last five years

Answer: 02

Student

Number of students year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
526	550	470	477	416

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
84	84	84	84	94

Number of outgoing / final year students year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
122	125	81	110	97

Total number of outgoing / final year students

Answer: 1985

Academic

Number of teachers year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
40	39	36	31	30

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

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
40	39	36	31	30

Number of sanctioned posts year wise during the last five years

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
41	41	41	41	41

Total experience of full-time teachers

Answer: 363

Number of teachers recognized as guides during the last five years

Answer: 09

Number of full time teachers worked in the institution during the last 5 years

Answer: 45

Institution

Total number of classrooms and seminar halls

Answer: 08

Total Expenditure excluding salary year wise during the last five years (INR in Lakhs)

Answer:

2016-17	2015-16	2014-15	2013-14	2012-13
112.75	79.9	77.27	89.71	74.41

Number of computers

Answer: 146

Unit cost of education including the salary component(INR in Lakhs)

Answer: 0.95281

Unit cost of education excluding the salary component(INR in Lakhs)

Answer: 0.21

Values Updated after Data Validation and Verification

Conclusion

Additional Information :

YEAR MILESTONES OF Y. B. CHAVAN COLLEGE OF PHARMACY

1989 Establishment of B. Pharm. program with 60 intake

1991 Strengthening laboratory facility

1998 Pharma Museum

1999 MoU with Wockhardt Ltd.

2001 Establishment of Naval Tata stadium

2002 Establishment of campus canteen

- 2005 Building extension
- 2006 Padmashree award to Mrs. Fatma Rafiq Zakaria, Honorable Chairman, MAET
- 2006 M. Pharm. program in Pharmaceutics and Pharmaceutical chemistry
- 2007 Renovation of campus
- 2008 M. Pharm. Program in Quality Assurance
- 2008 Establishment of National Service Scheme (NSS)
- 2009 M. Pharm. Program in Pharmacology
- 2009 Permanent Affiliation status
- 2009 Minority status
- 2010 Government recognized research Centre
- 2010 2(f) and 12(b) status granted by UGC
- 2011 Establishment of formulation and development laboratory
- 2012 Increase in intake of M. Pharm. Pharmaceutics from 15 to 24
- 2012 Increase in intake of B. Pharm. from 60 to 120
- 2012 Rajnibhai Patel Pharma INNOVA award for best M. Pharm thesis
- 2013 Introduction of CBCS in Pharmacy curriculum
- 2013 Guinness world records for largest blood donation
- 2014 Establishment of IQAC
- 2015 ISO 9001:2008 Certification
- 2016 INDUS foundation award for education excellence
- 2015 Registration of Alumni association
- 2016 Installation of solar panel and ETP
- 2016 Green Audit A064
- 2017 All India 24th NIRF ranking by MHRD, Government of India.
- 2017 Establishment of Centre for entrepreneurship innovation and incubation(CEII)

Concluding Remarks:

The college has lived up to the governing roles of empowering pupils holistically during last 28 years of its existence which is reflected through the achievements of the college. Vision and mission statement approved for the College reflects the high level of wisdom and intellectual standing of the Chairperson and Trustees.

The history of college bears testimony to the fact that it has always been amenable to changes by acclimatizing itself to changing academic milieu and new policies. The college has 100% compliance to AICTE/PCI with zero deficiency. College distinctiveness is its “Inclusive education with quest for excellence”. It caters to students from all sections of the society with more than 1/3rd girls’ enrolment.

Our achievements include, 24th NIRF-2017 rank, along with some ‘firsts’ to our credit such as, introduction of PG programs, Govt. of Maharashtra approved Research Centre in Pharmacy, recognized under section 2(f) and 12(b) of UGC, New Delhi and 1.7 Crores research grants. 1/3rd faculty are doctorates and recognized research guides.

Only College of the region to have produced highest number of merits since inception. This is a shining example of academic excellence and high standards.

NAAC accreditation a symbol of quality education shall enable us to groom pharmacist catering to the job market/entrepreneurial requirements thereby contributing our bit in the nation building. Further NAAC assessment and accreditation is essential in order to continue our journey for achieving new heights through excellence in all spheres of educational domain in producing globally competent pharmacy professional.