2022
2023

SELF ASSESSMENT REPORT (SAR)

2022-2023

UNDERGRADUATE PHARMACY PROGRAM (UG)

SUBMITTED TO

NBA

National Board of Accreditation New Delhi

SUBMITTED BY

VIDYABHARATI COLLEGE OF PHARMACY

C.K. Naidu Road, Camp, Amravati 444 602
Maharashtra (India)

NATIONAL BOARD OF ACCREDITATION

Compliance Report Format (UG Pharmacy)

PART- A: Institutional Information

A1. Name and Address of the College:- VIDYABHARATI COLLEGE OF PHARMACY
City:- AMRAVATI   State:- MAHARASHTRA

Pin Code:- 444602

Phone No (including STD Code):- 0721-2552012   Fax:- 0721-2552012

Website:-www.vbcop.org   E-mail:- vbcop_office14@redifmail.com

A2. Year of Establishment:- 1993

A3. First Approval Letter No.: 27/9/90OSD/AICE/GH 209

Date: 13/08/1993

A4. Head of the Institution:-
Name:- Dr. S. D. PANDE   Designation:- PRINCIPAL

Nature of Appointment:- REGULAR

Phone No:- 0721-2552012   Mobile:- 9823172064

E-mail:- vbcop_office14@rediffmail.com   Fax No:- 0721-2552012

A5. Name and Address of the Affiliating University:- SANT GADGE BABA AMRAVATI UNIVERISTY
City:- AMRAVATI

State:- MAHARASHTRA   Pin Code:- 444602

Website:- www.sgbau.ac.in   E-mail:- reg@sgbau.ac.in

Phone No (Including STD Code):- 0721-2662358   Fax:- 0721-2662358

A6. Type of the Institution:

Institute of National Importance	☐	Autonomous	☐
University	☐	*Any other (Please specify)	√
Deemed University	☐		

*Provide Details: Affiliated

A7. Ownership Status:

Central Government	☐	Trust	☐
State Government	☐	Society	√
Government Aided	☐	Section 25 Company	☐
Self financing	√	*Any Other (Please specify)	☐

*Provide Details:

A8. Students Admissions (In First year at institute level)

A8.1- For UG Program

Item	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
Sanctioned intake	60	60	60
Number of students admitted	66	65	63
Total Admitted/Sanctioned Intake = % Admitted	110	108	105
Average % Admitted	107.66		

Table A8.1

A8.2- For all PG Programs

Item	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
Sanctioned intake	45	45	39
Number of students admitted	50	47	42
Total Admitted/Sanctioned Intake = % Admitted	111	104	107
Average % Admitted	107.33		

Table A8.2

CAY: Current Academic Year

CAYm1: Current Academic Year minus 1 = Current Assessment Year

CAYm2: Current Academic Year minus 2 = Current Assessment Year minus 1

Note: Academic year is July to June

A9. Student Admission details at Lateral Entry/Separate Division

Item	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
Number of students actually admitted through Lateral Entry	10	13	14
Number of students admitted through Separate Division	NA	NA	NA
Total Number of students admitted in the second year	75	76	74

Table A9

Note: Provide student details of the second shift (if applicable)
A10.Total number of employees in the institution:

A10.1. Regular Employees (Faculty and Staff):

Items		CAY (2022-23)		CAYm1(2021-22)		CAYm2 (2020-21)	
		Min	Max	Min	Max	Min	Max
Faculty in Pharmacy	M	NA	14	NA	16	NA	17
	F	NA	06	NA	04	NA	03
Faculty in Science & Humanities	M	NA	NA	NA	NA	NA	NA
	F	NA	NA	NA	NA	NA	NA
Non-teaching staff	M	NA	24	NA	24	NA	24
	F	NA	01	NA	01	NA	01

Table A10.1

A10.2. Contractual Staff Employees (Faculty and Staff): (Not covered in Table A10.1):

Items		CAY (2022-23)		CAYm1(2021-22)		CAYm2 (2020-21)	
		Min	**Max**	**Min**	**Max**	**Min**	**Max**
Faculty in Pharmacy	**M**	NA	03	NA	03	NA	03
	F	NA	NA	NA	NA	NA	NA
Faculty in Science & Humanities	**M**	NA	NA	NA	NA	NA	NA
	F	NA	NA	NA	NA	NA	NA
Non-teaching staff	**M**	NA	NA	NA	NA	NA	NA
	F	NA	NA	NA	NA	NA	NA

Table A10.2

Note: Specify the reason if there is drop in number of faculty members during the specified academic years.
Provide Faculty details of the second shift (if applicable)

A11. Provide separate Information for each of the program(s) for which compliance is to besubmitted

Name of the Department	Name of the programs being offered	Name of the program to be considered	Year of Start	Intake	Increase/ Decrease in intake, if any	Year of increase/ Decrease	AICTE Approval	Accreditation Status*
PHARMACY	UNDER GRADUATE PHARMACY PROGRAM	BACHELOR OF PHARMACY (B.PHARM)	1993	40	20	748-89-122(P)II / 193 4/4/1996	27/9/90 OSD /AICE / GH 209 13/08/1993	Granted provisional accreditation for two/three years for the period(2020-2021 TO 2022-2023)

Table A11

* Write applicable one:

- Applying first time
- Granted provisional accreditation for two/three years for the period(specify period)
- Granted accreditation for 5 / 6 years for the period (specify period)
- Not accredited (specify visit dates, year)
- Withdrawn (specify visit dates, year)
- Not eligible for accreditation
- Eligible but not applied

PART B- Program Information

B1. Name of the Program BACHELOR OF PHARMACY (B. PHARM)

B2. Faculty Information and Contributions

Please provide the list of faculty in the program according to the below format as **Appendix I**

S. No.	Name	PAN No.	Qualification	Designation	Date of Joining	Association Type	Currently Associated with (Yes/No)	Date of Leaving (If Associated with is "NO")
1	Dr. K. K. Tapar	ABYPT 2636E	M.Pharm., PhD	Principal & Professor	02/09/1987	Regular	No	31/12/2020 Retired
2	Dr. S. D Pande	AAXPP 7283E	M.Pharm., PhD	Principal & Professor	01/08/1992	Regular	Yes	
3	Mr. J. V. Vyas	AAKPV 8609G	M.Pharm.,	Associate Professor	16/11/1992	Regular	Yes	
4	Dr. M. D. Game	AATPD 8015H	M.Pharm. PhD	Professor	1/09/1997	Regular	Yes	
5	Mr. A. W. Baitule	AAXPB 7712K	M.Pharm.	Associate Professor	09/10/1995	Regular	Yes	
6	Dr. V.P. Wankhade	AAPPW 2292M	M.Pharm. PhD	Associate Professor	2/07/2007	Regular	Yes	
7	Mr. S.G. Jawarkar	AKEPJ8 437C	M.Pharm.	Assistant Professor	1/07/2005	Regular	Yes	
8	Mr. A. A. Deshmukh	APHPD 9261Q	M.Pharm.	Assistant Professor	5/12/2007	Regular	Yes	
9	Dr. K.B. Gabhane	AVSPG 9475H	M.Pharm. PhD	Assistant Professor	5/12/2007	Regular	No	26/02/2022
10	Mr. V.M. Waghulkar	AASPW 8398P	M.Pharm.	Assistant Professor	13/08/2007	Regular	Yes	
11	Miss. A. M. Wankhade	ABIPY5 480F	M.Pharm. PhD	Assistant Professor	1/08/2010	Regular	Yes	
12	Dr. M. P. Jadhav	AOEPJ8 096H	M.Pharm. PhD	Assistant Professor	21/08/2008	Regular	Yes	
13	Dr. V.V. Paithankar	ASAPP 3064D	M.Pharm. PhD	Assistant Professor	13/07/2009	Regular	Yes	
14	Dr. N.N. Bobade	ASSPB 3303K	M.Pharm. PhD	Associate Professor	10/08/2009	Regular	Yes	
15	Dr. S. C. Atram	AVCPA 0390A	M.Pharm. PhD	Assistant Professor	03/08/ 2010	Regular	Yes	
16	Mr. A. V. Sawale	JFTPS4 274D	M.Pharm.	Assistant Professor	01/08/2018	Regular	Yes	
17	Dr. N. C. Choudhary	AGBPC 7843A	M.Pharm. PhD	Assistant Professor	20/09/2019	Adhoc	No	31/05/2022

18	Mr. S. P Padole		M.Pharm	Assistant Professor	01/07/2020	Adhoc	No	31/05/2022
19	Mr. A. R. Jaiswal	AGQPJ 521R	M.Pharm.	Assistant Professor	9/07/2002	Regular	No	03/12/2022
20	Mr. V D Rathod	DCOPR 5670L	M.Pharm.	Assistant Professor	15/07/2020	Adhoc	Yes	
21	Miss. S. P. jogdand	BTZPJ4 002L	M.Pharm.	Assistant Professor	03/12/2021	Adhoc	Yes	
22	Mr. S S Gurjar	DLBPG 5635L	M.Pharm.	Assistant Professor	07/09/2022	Adhoc	Yes	
23	Mr. P. O. Gajbhiye		M.Pharm.	Assistant Professor	03/09/2022	Adhoc	Yes	
24	Miss. S. A. Adhau	DUOPA 6336B	M.Pharm.	Assistant Professor	07/09/2022	Adhoc	Yes	
25	Miss. T. G. Malge	HTUPM 9126H	M.Pharm.	Assistant Professor	03/09/2022	Adhoc	Yes	

Table B2

B.2.1. Student Faculty Ratio (No of Faculty as per the sanctioned intake):-
(To be calculated at Department Level)

No. of UG Programs in the Department (n): _____01_____
No. of PG Programs in the Department (m): _____03_____

No. of Students = Sanctioned Intake (S.I.) + Actual admitted students through Lateral Entry(L.E.), if any
(The above data to be provided considering all the UG and PG programs of the department)
S = Total Number of Students in the Department
F = Total Number of Faculty Members in the Department

Student Faculty Ratio (SFR) = S / F

Name of the 1st UG Program						
	CAY (2022-23)		CAYm1(2021-22)		CAYm2 (2020-21)	
Year of Study	**Sanction Intake**	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**	**Sanction Intake**	**Actual admitted through lateral entry students**
1st Year	60	NA	60	NA	60	NA
2nd Year	60	10	60	13	60	14
3rd Year	60	13	60	14	60	08
4th Year	60	14	60	08	60	10
Sub-Total	**240**	**37**	**240**	**35**	**240**	**32**
Total	**Sum = 277**		**Sum = 275**		**Sum = 272**	

Table B2.1a

Similar table for all other UG Programs

Name of the 1st PG Program (Pharmaceutics)			
Year of Study	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	15
Total	**= 30**	**= 30**	**= 30**

Table B2.1b

Name of the 2nd PG Program (Quality Assurance)			
Year of Study	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	15
2nd Year	15	15	15
Total	**= 30**	**= 30**	**= 30**

Table B2.1c

Name of the 3rd PG Program (Pharmacology)			
Year of Study	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
	Sanction Intake	Sanction Intake	Sanction Intake
1st Year	15	15	09
2nd Year	15	09	09
Total	**= 30**	**= 24**	**= 18**

Table B2.1d

Description	CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
Total No. of Students in the Department (**S**)	367	359	350
No. of Faculty in the Department (**F**)	**F1 = 20**	**F2 = 20**	**F3= 20**
Student Faculty Ratio (SFR)	**SFR1=S1/F1 = 18.35**	**SFR2= S2/F2 = 17.95**	**SFR3= S3/F3 = 17.5**
Average SFR	**SFR=(SFR1+SFR2+SFR3)/3 = 18.35 + 17.95 + 18.42 /3 = 17.93**		

Note: The years mentioned in the headers are exemplary. Institute has to consider the years as per the definition of the CAY, CAYm1 and CAYm2.

B2.2. Faculty Information

S. No.	Faculty Details	Number of Faculty in the Department for both UG and PG		
		CAY (2022-23)	CAYm1(2021-22)	CAYm2 (2020-21)
1.	**Professor**	02	02	02
2.	**Associate Professor**	04	04	04
3.	**Assistant Professor**	14	14	14
4.	**Number of Ph. D** (as per the AICTE norms)	08	10	08

Table B2.2

B2.3. Faculty Cadre Proportion

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = 1/9 x Number of Faculty required to comply with 15:1 Student-Faculty ratio based on no. of students (N) as per B2.1

F2: Number of Associate Professors required = 2/9 x Number of Faculty required to comply with 15:1 Student-Faculty ratio based on no. of students (N) as per B2.1

F3: Number of Assistant Professors required = 6/9 x Number of Faculty required to comply with 15:1Student-Faculty ratio based on no. of students (N) as per B2.1

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY (2022-23)	2	2	4	4	13	14
CAYm1(2021-22)	2	2	4	4	13	14
CAYm2 (2020-21)	2	2	4	4	13	14
Average Numbers	RF1= 2	AF1= 2	RF2= 4	AF2= 4	RF3= 13	AF3= 14

Table B2.3

B2.4. Faculty as participants in Faculty development/training activities/STTPs

Sr. No.	Name of the Faculty	Details of the participation (Faculty development/training activities/STTPs)		
		CAYm1(2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
1	Dr. S. D. Pande	5	5	-
2	Dr. V.P. Wankhade	5	5	5
3	Mr. S.G. Jawarkar	5	5	5
4	Dr. K. B. Gabhane	5	5	5
5	Mr. A. A. Deshmukh	5	5	5
6	Dr. M. P. Jadhav	5	5	5
7	Dr. N.N. Bobade	5	5	5
8	Dr. S.C. Atram	5	5	5
9	Dr. M. D. Game	5	5	5
10	Mr. A. A. Baitule	5	5	5
11	Mr. J. V. Vyas	5	5	5
12	Dr. V. V. Paithankar	5	5	5
13	Dr. A. M. Wankhade	5	5	5
14	Dr. N. C. Choudhary	5	-	5
15	Mr. S. P. Padole			5
16	Mr. A. V. Sawale	5	5	-
17	Mr. A. R. Jaiswal	5	-	-
18	Mr. V. M. Waghulkar	5	5	-
19	Dr. K. K. Tapar	-	5	5
20	Mr. V D Rathod	-	-	-

21	Miss. S. P. jogdand	-	-	-
22	Mr. S S Gurjar	-	-	-
23	Mr. P. O. Gajbhiye	-	-	-
24	Miss. S. A. Adhau	-	-	-
25	Miss. T. G. Malge	-	-	-
	Sum	**85**	**80**	**75**
RF = Number of Faculty required to comply with 15:1, Student-Faculty ratio as per 5.1		18.35	17.95	17.5
Assessment = $3 \times$ Sum/(0.5 RF)		27.80	26.75	25.71
Average assessment over three years (Marks limited to 15) = **26.75**				

Table B2.4

B2.5. Research and Development

Name of thefaculty	Academic Research			
	Number of quality publications in refereed/ SCI Journals, citations, Books/Book Chapters etc.		Ph.D. guided /Ph.D. awardedduring the assessment periodwhile working in the institute	
	As provided in SAR	After evaluation (till the date of compliance report)	As provided in SAR	After evaluation (till the date of compliance report)
Dr. K. K. Tapar	Pub:03 Book:01	Pub:03 Book: 00	04 **Ph.D. guided**	01 **Ph.D. Awarded**
Dr. S. D. Pande	Pub:07 Book: 00	Pub:18 Book: 00 (01 patent granted)	05 **Ph.D. guided**	02 **Ph.D. Awarded** 05 **Ph.D. guided**
Dr. V.P. Wankhade	Pub:01 Book:01 Chapter	Pub:14 Book: 01 Chapter (01 patent published)	-	-
Mr. S.G. Jawarkar	Pub:01 Book: 00	Pub:22 Book: 00	-	-
Dr. K. B. Gabhane	Pub:00 Book: 00	Pub:06 Book: 00	**Ph.D. awarded** Feb-2016	
Mr. A. A. Deshmukh	Pub:00 Book:00	Pub:03 Book: 00	-	-
Dr. M. P. Jadhav	Pub:00 Book:00	Pub:10 Book: 00	-	**Ph.D. awarded** Feb-2022
Dr. N.N. Bobade	Pub:03 Book:01	Pub:15 Book: 00 (01 patent granted)	**Ph.D. awarded** Nov-2017	
Dr. S.C. Atram	Pub:04 Book:00	Pub:13 Book: 02 Chapter		**Ph.D. awarded** Feb-2022
Dr. M. D. Game	Pub:04 Book: 00	Pub:15 Book: 00	03 **Ph.D. guided**	02 **Ph.D. Awarded** 05 **Ph.D. guided**

Mr. A. A. Baitule	Pub:00 Book: 00	Pub:01 Book: 00	-	-
Mr. J. V. Vyas	Pub:01 Book: 01	Pub:17 Book: 00	-	-
Dr. V. V. Paithankar	Pub: 00 Book: 01	Pub:16 Book: 00 (01 patent published)	-	-
Dr. A. M. Wankhade	Pub:01 Book: 00	Pub:19 Book: 00	-	**Ph.D. awarded** Feb-2022
Dr. N. C. Choudhary	Pub:00 Book: 00	Pub:00 Book: 00	-	-
Mr. A. V. Sawale	Pub:01 Book: 00	Pub:14 Book: 01		-
Mr. A. R. Jaiswal	Pub:00 Book: 00	Pub:02 Book: 00	-	-
Mr. V. M. Waghulkar	Pub:01 Book: 02	Pub:13 Book: 00	-	-
Mr. V D Rathod	Pub:00 Book: 00	Pub:02 Book: 00	-	-
Miss. S. P. jogdand	Pub:00 Book: 00	Pub:01 Book: 00	-	-
Mr. S. S. Gurjar	Pub:00 Book: 00	Pub:02 Book: 00	-	-
Mr. P. O. Gajbhiye	Pub:00 Book: 00	Pub:02 Book: 00	-	-
Miss. S. A. Adhau	Pub:00 Book: 00	Pub:02 Book: 00	-	-
Miss. T. G. Malge	Pub:00 Book: 00	Pub:02 Book: 00	-	-

Table B2.5

B2.6. Sponsored Research/Consultancy

(I) Details as provided in the SAR previously

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount	Duration

Table B2.6(I)

(II) Details after evaluation (till the date of Compliance Report)

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount (in Rupees)	Duration
Dr. K. K. Tapar and Mr. J. V. Vyas	Current And Future Scope In Pharmacology Research	Conference	AICTE	1,08,000=00	1 Year

Dr. S. D. Pande	Tablet Manufacturing defects and Improvement in the dissolution profile	Consultancy	A-klass Pharmaceutical pvt. Ltd-Khamgao	50000=00	06 Month
Dr. V. P. Wankhade	Solubility Enhancement of Coded Drug	Consultancy	Priest Pharmaceutical Pvt. Ltd, Amravati	30,000=00	06 Month
Dr. S. C. Atram	Solubility Enhancement of Coded Drug	Consultancy	A-klass Pharmaceutical pvt. Ltd-Khamgao	35,000=00	06 Month

Table B2.6(II)

3. Students' Performance

Student Intake Table

Item (Information to be provided cumulatively for all the shifts with explicit headings, wherever applicable)	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Sanctioned intake of the program (N)	60	60	60	60
Total number of students admitted in first year *minus* number of students migrated to other programs/institutions, plus no. of students migrated to this program ($N1$)	66	65	63	62
Number of students actually admitted in 2nd year in the same batchvia lateral entry ($N2$)	10	13	14	08
Separate division students, if applicable (N3)	NA	NA	NA	NA
Total number of students admitted in the Program ($N1 + N2 +$ N3)	**76**	**78**	**77**	**70**

Table B3a

Academic Performance Table

Year of entry	$N1 + N2 + N3$ (As defined above)	Number of students who have successfully graduated			
		I Year	II Year	III Year	IV Year
CAY (2022-23)	76				
CAYm1 (2021-22)	78	65			
CAYm2 (2020-21)	77	63	76		
CAYm3 (2019-20)	70	62	74	73	
CAYm4 (LYG) (2018-19)	68	60	68	68	62
CAYm5 (LYGm1) (2017-18)	67	57	57	55	55
CAYm6 (LYGm2) (2016-17)	66	56	66	65	65

Table B3b

B3.1. Success rate without backlog in stipulated period

SI= (Number of students who graduated from the program without backlog in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and actually admitted in 2nd year via lateral entry and separate division, if applicable)

Item	LYG (CAYm4) (2018-19)	LYGm1 (CAYm5) (2017-18)	LYGm2 (CAYm6) (2016-17)
Number of students admitted in the corresponding First Year + actually admitted in 2nd year via lateral entry and separate division, if applicable	68	67	66
Number of students who have graduated without backlogs in the stipulated period	22	13	10
Success Index (SI)	**0.32**	**0.19**	**0.15**

Table B3.1

B3.2. Success rate with backlog in stipulated period of study

SI= (Number of students who graduated from the program with backlog in the stipulated period of course duration)/ (Number of students admitted in the first year of that batch and actually admittedin 2nd year via lateral entry and separate division, if applicable)

Item	LYG (CAYm4) (2018-19)	LYGm1 (CAYm5) (2017-18)	LYGm2 (CAYm6) (2016-17)
Number of students admitted in the corresponding First Year + actually admitted in 2nd year via lateral entry and separate division, if applicable	68	67	66
Number of students who have graduated with backlogs in the stipulated period	62	55	65
Success Index (SI)	**0.91**	**0.82**	**0.98**

Table B3.2

B3.3. First Year Academic Performance

Academic Performance = ((Mean of 1st Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks in First Year of all successful students/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year.

Academic Performance	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	80	97	64
Total no. of successful students (Y)	65	63	62
Total no. of students appeared in the examination (Z)	65	63	62
API = x* (Y/Z)	AP 1 = 8.0	AP 2 = 9.7	AP 3 = 6.4
Average API = (AP1 + AP2 + AP3)/3	8.0 + 9.7 + 6.4 / 3 = **16.06**		

Table B3.3

B3.4. Academic Performance in Second Year

API = ((Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the Third year.

Academic Performance	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students(X)	72	91	66
Total no. of successful students (Y)	76	74	68
Total no. of students appeared in the examination (Z)	76	74	68
API = X* (Y/Z)	AP 1 = 7.2	AP 2 = 9.1	AP 3 = 6.6
Average API = (AP1 + AP2 + AP3)/3	7.2 + 9.1 + 6.6 / 3 = **7.63**		

Table B3.4

B3.5. Academic Performance in Third Year

API = ((Mean of 3rd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Third Year/10)) x (number of successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year.

Academic Performance	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students(X)	72	90	66
Total no. of successful students (Y)	73	75	55
Total no. of students appeared in the examination (Z)	73	75	55
API = x* (Y/Z)	AP 1 = 7.2	AP 2 = 9.0	AP 3 = 6.6
Average API = (AP1 + AP2 + AP3)/3	7.2 + 9.0 + 6.6 / 3 = **7.6**		

Table B3.5

B3.6. Placement, Higher Studies and Entrepreneurship

Item	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Total No. of Final Year Students (N)	74	55	84
No. of students placed in Industries/Hospitals/Government Sector through on/off Campus recruitment or opted for Entrepreneurship (x)	25	23	29
No. of students admitted to higher studies with valid scores in various qualifying exams (y)	31	28	44
x + y =	56	51	73
Placement Index : (x + y)/N	P1 = 0.7567	P2 = 0.9272	P3 = 0.8690
Average placement= (P1 + P2 + P3)/3	0.7567 + 0.9272 + 0.8690 /3 = **0.8509**		

Table B3.6

C. Criterion wise Compliance Status

S.N.	Criteria	Observations made by NBA (During the last accreditation visit)	Compliance Status (Action taken by the institution)
1	**Vision, Mission & Program Educational Objectives**		
1.1.	Formulation	Adequately Discussed, Available, relevant and correct	Compiled. Adequately Discussed, Available with relevance and correct.
1.2.	Dissemination	Adequately Disseminated	
1.3.	Assessment	Well defined	
2	**Course outcome and Program outcomes**		
2.1.	Formulation	Satisfactory	Compiled.
2.2.	Mapping		The existing POs are very sharper which was based on blooms taxonomy for Cognitive and psychomotor skills of graduates. In addition, the existing syllabi and its POs are meeting the graduate attribute defined by Pharmacy council of India syllabus and program specific criteria of reputed foreign universities. Thus existing POs shall highlight the graduate competency towards employability, leadership, problem solving and teamwork ability of graduates.
2.3.	Any other observations of the NBA		
3.	**Curriculum Design, if applicable**		
3.1.	Process to identify the gap, if applicable and action taken thereof	Satisfactory	Implementation of New PCI syllabus in the institute.
3.2.	Curriculum Structure & Component (as applicable)		
3.3.	Any other observations of the NBA		
4	**Details of the Action taken on the Observation of NBA during last visit:**		
1	**Teaching-Learning Processes**		
2.2.3	Quality of students projects	Need to improve	• Every B. Pharmacy Final year (VII and VIII semester) student undertakes Practice School and Project Work as per

			the guidelines given by PCI. Teacher/ Guide is assigned to a group of four to five students. The students thereafter in consultation with Teacher/ Guide select the topic. The students then perform literature survey, formulate the problem individually and then proceed further. Project may be theoretical or experimental. The teachers and the students selects topic that are relevant to the learning of pharmacy and the teacher ensures that while selecting the topic, contribution to respective POs is assured. A project normally covers a wide range of POs.
			• The quality projects are evaluated by the project assessment committee and published in peer reviewed journals.
			CAY 2022-23: 6, CAYm1 2021-22: 5, CAYm2 2020-21:4
2.2.4	Initiatives related to industry interaction /or Hospital interaction	Need to improve	• College always strives to impart education of standards. In addition to the regular compliance several initiatives have been taken to foster the growth of the students.
			• The college has taken steps to conduct industrial visits, which includes the research laboratories (animal house, maintenance and handling) medicinal and botanical gardens, pharmaceutical industries (Allopathic and Ayurvedic products).
			• The guest lectures are arranged which supported them for improving the knowledge base and motivate for higher studies.
			• The MOU was prepared with respective hospitals and Industry.
			CAY 2022-2023: Industrial Visit: 03, Hospital Visit: 02
			CAYm1 2021-2022: Industrial Visit: 02
			CAYm2 2020-2021: Due to Covid -19 pandemic Industrial/Hospital Visit could not conducted.

2	**Student Performance**		
4.8	**Professional Activities**		
4.8.3	Participation in inter-institute events by students	Need Improvement	Compiled. In the year CAY 2022-23 and CAYm1 2021-22: more than 100 students participated in the various inter-institute activities and for CAYm2 2020-21**: Due to Covid -19 pandemic s**tudents were not allowed to participate in the various activities physically but participated in various online events.
3	**Faculty Information and Contribution**		
5.7	**Research and Development**		
5.7.1	Academic Research	16 paper published	180 paper published, 01 Books and **02 Books chapter published** and 01 patent Granted and 01 patent Published
		Two PhD., awarded during the Assessment year	Five PhD., awarded during the Assessment year from our research center
5.7.2	Sponsored Research (By DST, DBT, ICMR, AICTE, etc.)	Poor	Sponsored Research project (RPS) proposal was submitted at AICTE in the year 2020-21 and 2021- 2022, respectively. The RPS and MODROB are being prepared for the session 2022-2023. It is to be submitted AICTE in due time of course.
5.7.3	Consultancy (From Industry)	Poor	The committee had given the remark that consultancy from the industry was poor. Therefore, we tried our level to get consultancy from various Industries from Vidharbha region and some of our faculty are involved in the consultancy projects given by Two Industry from our region.
5.7.4	Honorary Consultancy from Central/State/Local Government Organizations	Poor	The committee had given the remark that Honorary consultancy from the Central/State/Local Government Organizations was poor. Therefore, we are trying our level to provide consultancy.
4	**Student Support System**		
8.4	**Self Learning**	Need improvement	• Increased the no. of books

			in Library.
			• In the year CAY 2022-23, CAYm1 2021-22: students allowed participating in the various activities and for CAYm2 2020-21: **Due to Covid -19 pandemic s**tudents were not allowed to participate in the various activities. • The facilities provided by institute, not only to strengthen the teaching -learning process for the students, but also generate academic discipline, scientific temperament, innovativeness and inculcate the self-learning. The impact of self learning is that students are motivated to participate in various activities like workshops, poster presentation etc. • Training on self learning systems: Orientation programs and workshops are periodically conducted. • Evidence of self learning- Every B. Pharmacy Final year (VII and VIII semester) student undertakes Practice School and Project Work as per the guidelines given by PCI.
5	**Governance, Institutional Support and Financial Resources**		
9.1	**Organization, Governance and Transparency**		
9.1.1	Governing body, administrative setup, functions of various bodies, service rules procedures, recruitment and promotional policies	Transparency has to be enhance among stakeholders	• Principal has delivered seminar and provided detailed information about institutional policies among stakeholders. • Information on the policies, rules, processes has been made available on website for stakeholders.
9.1.3	Delegation of financial powers	Need more transparency	Efforts were taken and transparency has enhanced. • Principal: The principal has the financial powers to spend Rs 25,000/- at a time, keeping in view of the urgency and needs. These are to authorize the purchase of consumables for laboratories (books etc) over and above the general procedure of

				annual purchases.
				• To permit the reimbursement of travelling (conferences and workshops) and other expenses for official purposes.
				• To take care of guests, parents, alumni and stakeholders.
				• To sponsor faculty/staff for any academic activities as per norms.
				• To authorize any other expenses, he may deem essential.
9.1.4	Transparency and availability of correct/unambiguous information in public domain	Need more transparency		Information on the policies, rules, processes has been made available on website for stakeholders.
				• After admission to First year of B. Pharmacy program, all students joining VBCP are informed about the rules, regulations and procedures of institute during orientation program.
				• All relevant information needed by stakeholders is available on website.
				• Student Policies are also available on college website for all stakeholders.
				• At the time of joining new staff, personal information qualifications, professional skills and experience are collected and used for strengthening the course and the college.
				• The data of all staff are periodically updated and uploaded in the college website.
				• The administrative rules and regulations covering all cadre of staff employed are mentioned in the manual. The employees are given uniform consideration. Transparency is maintained relating to rules followed which include general administration, service conditions, duties, promotion policies, increments, awards and also disciplinary action.
				• The program syllabus book (PCI) is available in the library and also on college website which provides transparency in implementing academic plans and current

			regulations, courses, marks, attendance, examination, etc. • Recruitment and interview of all staff is done by publishing advertisements and abiding the regulations of SGBAU, Amravati, AICTE and Pharmacy Council of India (PCI). Thus reference points are made clear to the staff.
9.2	**Budget allocation, Utilization and Public accounting at institute level**		
9.2.1	Adequacy of budget allocation	Need more transparency	Quantum of budget allocation was done as per the requirement of respective departments to maintain transparency. • The allocation model is updated annually. Keeping in view of the fact that no budgeting process is perfect and that ideally there would be more funds to allocate. • The college plans the budgets allocates the fund and the available resources based on the forecasted requirements, keeping the curricular and beyond curricular activities, R & D, library, transport, and maintenance in mind. • It is the responsibility of Institutional Development and Monitoring Committee (IDMC) to ensure that the allocated resources are spent as per their forecasted plans. • The emphasis is to increase quality of academic inputs delivered and positively contribute to the institute, in terms of development of new technologies, methods and practices. • For more transparency, the budget as well as audited statement of account is made available on college website.

Table C

Declaration

It is hereby declared that information provided in this Compliance Report is factually correct. I understand and agree that an appropriate action against the Institute will be initiated by the NBA (which may include debarring the institution for three years), in case any false statement/information is observed during the assessment of the compliance report.

Date: 03|02|2023

Place: Amravati

Dr. S. D. Pande
Signature & Name
Head of the Institution with seal

Principal
Vidyabharati College of Pharmacy
Amravati

CRITERION 1	VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES	50

1. VISION, MISSION AND PROGRAM EDUCATIONAL OBJECTIVES (50)

1.1 State the vision and Mission (5)

(Vision statement typically indicates aspirations and Mission statement states the broad approach to achieve aspirations)

Vision:

TO BE PERCEIVED AS A PREVALENT INSTITUTE FOR PROMOTING TRANSCENDENCE IN PHARMACY DISCIPLINE TO CODDLE THE URGE FOR PROFESSION AND HUMANITY

Mission:

M1 : To achieve transcendence by creating learning environment and providing facilities for creative thinking and personality development.

M2 : Impart conducive environment to escalate problem solving perspectives, forethought ability and effective communication skill in budding pharmacists.

M3 : Promote ethical and professional values to prepare sustainable and competent workforce having professional identity with sense of social responsibility.

M4 : Establish industry institute interactions to escalate industrial perspective for improving employability, entrepreneurship skills, industrial competency and toprosper lifelong learning.

These highlights have become the basis to vitalize the educational program and process, at VBCP.

1.2. State the Program Educational Objectives (PEOs) (5)

(State the Program Educational Objectives 3 to 5 of the program seeking accreditation)

PEO 1	To provide pharmaceutical education and professional skills to tackle complex pharmaceutical problems using emerging technologies.
PEO 2	To inculcate leadership skills, planning abilities and effective oral written communication with multi-disciplinary approach.
PEO 3	To encourage ethical principles and professional values to develop pharmacists with professional identity for making decisions in broader context to profession and society.
PEO 4	To establish industry-institute interactions through collaborations, consultancy activities, training programs to make students competent and sustainable for industrial environment.
PEO 5	To encourage students for lifelong learning skills, entrepreneurship abilities leading to successful professional career

1.3. Indicate where and how the Vision, Mission and PEOs are published and disseminated among stakeholders (15)

(Describe where (websites, curricula, posters etc.) the Vision, Mission and PEOs are published and detail the process which ensures awareness among internal and external stakeholders with effective process implementation)

(Internal stakeholders may include Management, Governing Board Members, faculty, support staff, students etc. and external stakeholders may include employers, industry, alumni, funding agencies, etc.)

Every effort is made to ensure that the Vision and Mission of the college is communicated effectively to all stakeholders namely students, faculty, parents, industry, regulating authorities, alumni, management, etc.

The Vision and Mission statements are published and disseminated through the following methods.

Print Media

➢ College brochure
➢ Electronic Media: College website
➢ Display Boards: Flexi-boards, Permanent boards
➢ Direct Communication: An Orientation program to fresher's/parents induction programs to staff members.

The college makes several efforts to ensure that the B. Pharmacy Vision, Mission, and PEOs are communicated effectively to all stakeholders, namely students, faculty, parents, industry, alumni, management, etc.

1. They are informed to students of each year and explained their importance and the objectives to be achieved.
2. They are circulated to the faculty and sought the opinion about the commission and omission of the objectives.
3. They are circulated to the non-teaching staff and sought the opinion about the commission and omission of the objectives.
4. They are circulated and informed to parents during orientation program and when they visit the college.
5. Circulated to the fellow pharmacy professionals and sought the opinion about the commission and omission of the objectives.

1.4. State the process for defining the Vision & Mission and PEOs of the program (10)

(Articulate the process for defining the Vision, Mission and PEOs of the program)

The college has established the Vision and Mission statements through consultative process involving the stake holders; internal stake holders (management, Governing body members, faculty, support staff, students, etc.) and external stake holders (employees, industry, alumni) considering the scope and growth of the college and the future societal needs.

The institute established the vision and mission through a consultative process as shown in Figure 1.1
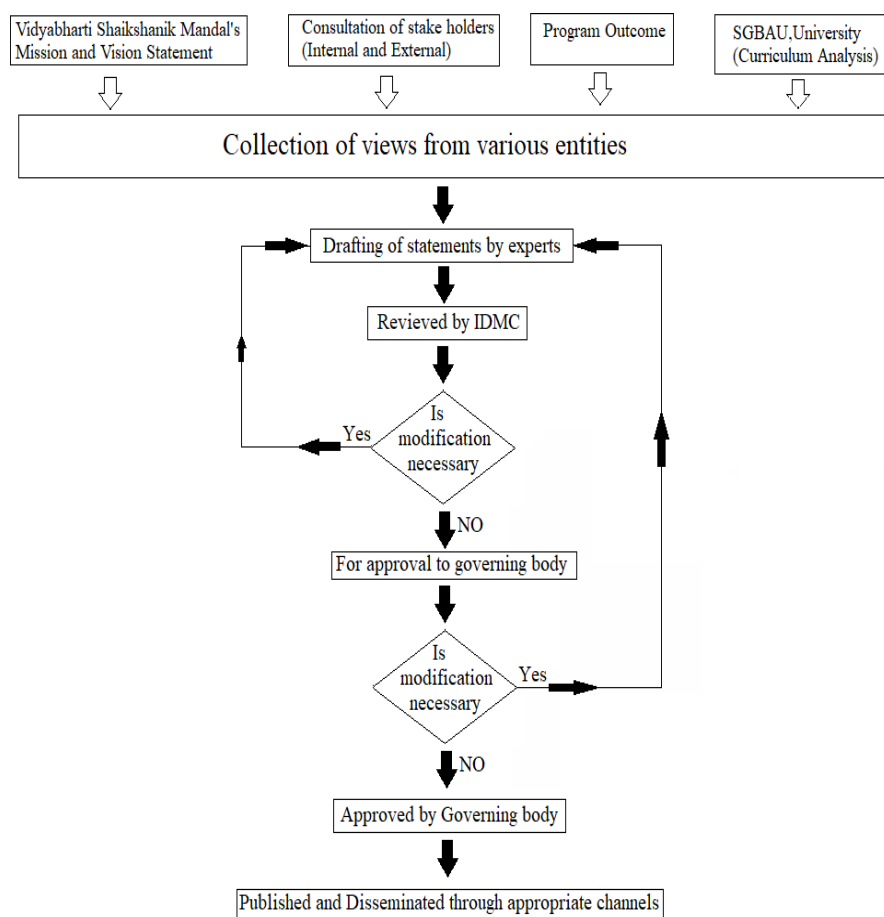

Fig 1.1: Flow chart for process for defining the Vision & Mission

In establishing the vision and mission of the department, the following steps were followed.

|		
Step 1	Vision and Mission of the society are taken as an origin.	
Step 2	Collection of views from internal and external stake holders	
Step 3	Based on available information, views from stake holders, contents from program outcome and university curriculum analysis, brainstorming sessions are carriedout by the experts and draft copy is prepared	
Step 4	The draft copy is revived by Institutional Development and Monitoring committee (IDMC)	
Step 5	If approved, further communicated to Governing body for final approval. In case of rejection or changes suggested further again placed in front of expert committeefor changes to be made, if any.	
Step 6	Approval on final draft copy is taken from Governing body,	
Step 7	After approval dissemination is carried out through appropriate channels.	

The inputs from stake holders, faculty, alumni, industry, and professional bodies are considered to formulate our course PEOs. Formatted survey data is utilized to gather comprehensive information for scrutiny and analysis. Formal and informal visits by thealumni gives scope for direct personal interaction, discussion and also give an opportunity to collect and record information required for improving the program based on their professional experiences. A similar format can be used in other cases.

The PEOs are established through the following steps.

Step 1	Vision and Mission of the college, University (SGBAU) curriculum and Program objectives are taken as the basis to interact with various stakeholders for formulatingthe PEOs.
Step 2	All the views as mentioned above are collected, scrutinized and summarized to convey the key constituents to drafting committee.
Step 3	In the light of current status of the institute, teaching-learning environment, and based on the review of feedback, PEOs are formulated by the appointed expertise members
Step 4	The proposed PEOs are reviewed by IDMC and recommendations, if any, are refereed back to drafting committee. These are further sent to the Governing Body.
Step 5	If approved, further communicated to Governing body for final approval. In case of rejection or changes suggested further again placed in front of expert committee for changes to be made, if any.
Step 6	Approval on final draft copy is taken from Governing body
Step 7	After approval dissemination is carried out through appropriate channels.

Fig 1.2: Flow chart for process for defining the Program Educational Objective

1.5 Establish consistency of PEOs with Mission of the Institute (15)
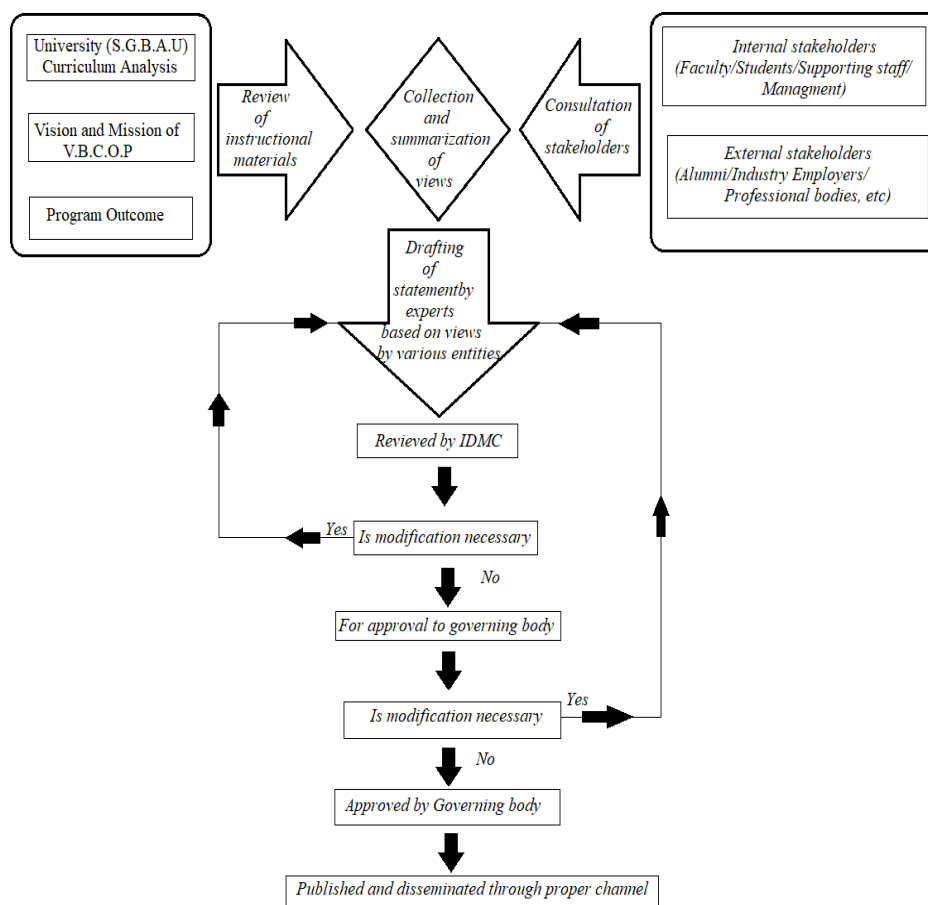
The program educational objectives are consistent with the VBCP mission statement, as is evident from the statements below.

Sr. no.	PEO statement	Mission of the Institute			
		M1	**M2**	**M3**	**M4**
1	PEO 1	2	-	2	-
2	PEO 2	2	3	2	-
3	PEO 3	-	2	3	-
4	PEO 4	2	-	2	3
5	PEO 5	-	-	-	3

CRITERION 2	**Program Curriculum and Teaching-Learning Processes**	**150**

2   Program Curriculum and Teaching-Learning Processes (150)

2.1   Program Curriculum(40)

2.1.1 Delivery of Syllabus Contents and compliance of the curriculum for attainment of Pos   (10)

(State the contents of the syllabus; about the course/learning material/content/laboratory experiments/projects etc. also mention identified curriculum gaps, if any)

Note: In case all POs are being demonstrably met through University Curriculum then 2.1.2 will not be applicable and the weightage of 2.1.1 will be 30.

Vidyabharati College of Pharmacy (VBCP) is affiliated to Sant Gadgebaba Amravati University (SGBAU), Amravati, since its inception (1993). VBCP follows the syllabus prescribed by the Sant Gadgebaba Amravati University. As per the SGBAU regulations, four year B. Pharmacy course is offered in eight Semester system.

The curriculum is framed by the duly constituted board of studies committee in the subject Pharmaceutical Sciences by SGBAU in the faculty of science and technology.

The course is framed under Credit Based Semester Grade System (CBSGS) and Choice Based Credit System (CBCS) by the SGBAU.

A particular syllabus is framed for prescribed the number of lectures and practicals in each course. Lectures are carried out on the basis of use of ICT tools. According to tentative lesson plan the execution of syllabus gets completed. The syllabus is completed using ICT tools and traditional chalk board system.

According to the curriculum

- The internal exam consist of internal assessment comprising of periodic sessional examinations and continuous evaluation
- The external exam consist of end semester examination for both theory and practical subjects.

According to the CBSGS system the percentage of marks for external and internal examination is 69% and 31% respectively for each semester. As per the CBCS system the

percentage of marks for external and internal examination is 75% and 25% respectively.

Course attainments and programme attainments are calculated after completion of all the courses of each semester.

The contents of each theory subject are well defined and the experiments are specified for each laboratory component. The university included an important component such as an assignment, projects and seminars etc. Innovative teaching and learning techniques are followed in both theory and practical. It includes chart preparation, giving assignments, projects and seminar. Weaker students are given additional support by taking remedial classes and tests papers are solved from them.

Each faculty determined the level of their courses studying the elements of POs (Programme outcome). For developing content beyond the syllabus the feedback from alumini and industry (Training and Placement Department) were discuss thoroughly. Demands of pharmaceutical industries were assessed on internet searching and analyzed the same.

Meeting with Institute Development Monitoring Committee (IDMC)/ Internal Quality Assurance Cell (IQAC) and subject expert had been conducted to review the syllabus provided by university to detect the gap.

Finally the content beyond the syllabus which is to be taught to make corrective action for bridging the gaps were thoroughly discussed and finalized.

Implementation process

Identified content beyond the syllabus (theory and lab work), if any would be conducted in classroom and laboratory by the subject teachers and guest lecture are also arranged to bridge the gap to meet content beyond the syllabus.

Effectiveness of this process would be analysed through feedback from the students and their performance in examination

2.1.2 State the delivery details of the contents beyond the syllabus for the attainment of Pos

The COs and POs mapping were performed, the weak areas were pointed out and probale gaps were identified. COs are revived by faculty members faculty members to determine which componanat of POs was either not mapped or meet to level 1 only. Faculty focus on either level 1 of introductory nature was adequate or the institutes need to develop more beyond syllabus topic to improve the level.

Though the SGBAU university B.Pharmacy syllabus is well designed and achieved the programme outcomes (POs), a few gaps are mentioned below as per the format given

2022-23: Contents beyond the syllabus

Sr. no.	Gap	Action taken	D/M/Y	Resource person with designation	No. of students present	Relevance to Pos
1	Adulteration In Some Edible Oils And Fats And Their Detection Methods	Assignment given to students	15/11/22	-	60	9
2	Immunity: Definition, Classification Its Types, Mechanism & Measurement. Of Immunity	Guest lecture	28/1/23	Dr.S.R.Gulhane, Assistant Professor Bhartiya Mahavidyalaya, Pune	54	9,10,11
3	Detail Manufacturing Procedure Of Antibiotics And Vitamins At Pharmaceutical Industries	Assignment given to students				9,10,11
4	Recent Advances In Solubility Techniques	Guest lecture	28/12/22	Mr. S. P. Padole, Assistant Professor, Pote College of Pharmacy, Amraavti	51	1,7,8,9
4	Advances In Granulation Techniques	Guest lecture	30/08/22	Mr.Ravindra Bhattad Sr.Manager Quality Operations Sun Pharmaceuticals, Halol (Vadodara), Gujrat	60	4,10,11
6	Framework For Sustainable Environmental Analysis	Extra class was taken	20/11/22		63	9,10

2021-22: Contents beyond the syllabus

Sr. no.	Gap	Action taken	D/M/Y	Resource person with designation	No. of students present	Relevance to Pos
1	Adulteration In Some Edible Oils And Fats And Their Detection Methods	Assignment given to students	28/10/21	-	60	9
2	Immunity: Definition, Classification Its Types, Mechanism And Measurement Of Immunity	Guest lecture	30/10/21	Dr.S.R.Gulhane, Assistant Professor Bhartiya Mahavidyalaya, Pune	48	9,10,11

Sr. no.	Gap	Action taken	D/M/Y	Resource person with designation	No. of students present	Relevance to Pos
3	Role Of Community Pharmacy In Research & Development	Assignment				
4	Role Of Pharmacovigilance In Patient Safety	Assignment	09/12/21		64	6,9,10
5	Advances In Granulation Techniques	Seminar	17/12/21	Dr. N. N. Bobade Vidyabharati College of Pharmacy, Amravati	60	4,10,11
6	Framework For Sustainable Environmental Analysis	Assignment	10/10/21	-	61	9,10
7	Rapid Advances In Technology & Computational Tools Of The Biological World	Assignment	12/11/21		58	4,5,9,10,11
8	To Study General Instructions For Working In Laboratory	Extra Practical	21/3/22		60	1

2020-21: Contents beyond the syllabus

Sr. no.	Gap	Action taken	D/M/Y	Resource person with designation	No. of students present	Relevance to Pos
1.	Adulteration in some Edible oils and fats and their detection methods	Assignment given to students	02/10/21	-	60	9
2.	Immunity: Definition, Classification Its Types, Mechanism & Measurement. Of Immunity	Guest lecture	10/10/20	Dr.S.R.Gulhane, Assistant Professor Bhartiya Mhavidyalaya, Pune	52	9,10,11
3.	Recent Advances in solubility techniques	Seminar was conducted	23/12/20	Prof.Minakshi Nimbalwar. Asso.Prof. Gode College of Pharmacy ,Amravati	51	1,7,8,9
4.	Role of Pharmacovigilance in patient safety	Assignments	23/12/20	-	60	9,10
5.	Role of Community Pharmacy in Research &Development	Guest lecture		-		9,10

6	Detail manufacturing process of antibiotics and vitamins at pharmaceutical industries	Assignments	16/02/21	-	63	9,10,11
7	Advances in granulation techniques	Guest lecture	07/01/21	Mr.Vaishnav Dhote Jr.Regulatory Affairs specialist. Covance Scientific Solutions Pvt. Ltd. Pune	47	4,10,11
8	Framework for sustainable environmental analysis	Assignment	10/12/20	-	63	9,10

2.1.3. Adherence to Academic Calendar (10)

(Demonstrate notified academic calendar & its adherence)

In the beginning of every academic year, an academic calendar is prepared with an objective to plan the academic activities to be undertaken in the coming year based on the SGBAU circular. It is finalized by the principal, and college IDMC/College development committee and other committee members. The calendar specifies prescribed minimum numbers of lectures and practical to be conducted per semester depending upon weightage in the curriculum. It also specifies dates for conducting internal theory and practical examination. The planned dates are subject to change as per university circular from time to time. The teaching plans are prepared and displayed on notice board in the beginning of the session. Other activities including the cultural events, co-curricular events, guest lectures, and sports activities are also planned in advance. All the faculty members follow the institutional academic calendar. The timetables are prepared by considering the academic calendar and the scheme of lectures and practicals given in the university syllabus with specified classrooms. The timetable includes theory classes, tutorial classes, laboratory practical etc.

Teaching plan has been maintained according to the institute's academic calendar. Total working days are calculated excluding holidays and Sundays and then the lectures are planned accordingly which could cover whole syllabus. Adherence to institutional academic calendar, timetable and course file of teacher is so design that all dates match with the academic calendar of the university that is published by SGBAU every year.

2.2   Teaching and Learning Processes   (110)

2.2.1   Initiatives in Teaching and Learning Process   (25)

(Implemented teaching-learning process and Initiatives in improving instruction methods, using real world examples, collaborative learning, the quality of laboratory experiments with regard to conduct, record observations, analysis, Feedback collection process; collection, analysis and action taken etc. encouraging bright students, assisting weak students etc. The initiatives, implementation details and impact analysis need to be documented)

In VBCP, the teaching and learning process begins with an orientation program. The essential topics of this program orient the students towards professional education and promote the capabilities to learn the subjects

- Teaching is based on ICT tools and traditional chalk and board system is adopted.

- Teachers prepares the course file which include lesson plan, academic diary, notes on delivery of contents, list of reference book, question banks etc, preplanning of delivery of syllabus is carried out by subject teachers.

- With the help of power point presentation the contents from the syllabus are explained to the students. The students ask the questions on the topics which is not well understood by them and the concern subject teacher satisfies their queries which facilitates better learning and understanding of the topic.

- Topics are explained to the students with e-learning in form of working pictures from internet or YouTube to make them understand more clearly about the concepts and mechanisms.

- Flipped classrooms the teachers feed the material on a specific topic online on whatsup and facebook study groups for students, so students are more acquainted with topics and they come with preparations in the classroom for better interaction with faculty.

- Focus is given on developing abilities/ skills and lifelong learning. These abilities are developed by giving specific assignments.

- Our campus is connected with WIFI system which provides open asses to the students to collect the information which can help them for generating self learning environment.

- Some pedagogical initiatives are taken by the department like seminars, lab experiments beyond the syllabus visual charts, videos, e-learning etc.

- All labs are well equipped with sophisticated instruments with standard operating procedure. Lab manual was provided by individual subject teacher. Students prepare laboratory record which includes the principle, procedure, data and analysis along with result and conclusion. These records are checked by subject teachers.

- Weak and bright students identification was done through result analysis of first sessional test of each semester

Weak students – teachers attempt to enhance the performance of weak students as follows

  ➢ Counseling and moral support by mentor mentee system
  ➢ Remedial class are arranged for such students
  ➢ Encouraging for regular attendance
  ➢ Extra assignments are given.

Bright students – faculty members encourage the bright students for

  ➢ For participations in seminars/ conferences
  ➢ Attending workshop
  ➢ Poster and paper presentation
  ➢ Preparing competitive examination like GPAT etc.

Effectiveness of this process is analyzed by feedback from students. Feedback is analyzed by the principal and it is discussed during faculty meeting and corrective measures are decided and implemented.

For the achievement of POs initiatives were taken to deliver the content beyond the syllabus such as industrial visit, guest lecturers, membership of professional societies, conference and seminars participated by students.

Both traditional and innovative techniques are used to ensure attainment of course objective and program outcome.

2.2.2 **Quality of internal semester question papers, assignments and evaluation (10)**

2.2.3   (Mention the initiatives, implementation details and impact analysis related to quality assurance of semester question papers, assignments that encourage and empower the students to develop skills and higher orders of learning and evaluation)

As per the SGBAU regulations, the components allotted to theory are 25% and practicals 37.5% for internal assessment. The remaining 75% for theory and 62.5% for practicals is

included in university assessment. The university examinations for theory subjects are conducted at a center other than this college. Though the percentage of internal assessment is low, it is covering a large number of components of assessment. The internal examinations and the prescribed marks are to be complied with the regulation. Therefore, the scope for assessment is narrow. According to the Credit Based Semester Grade system the percentage of marks for end semester and Internal examination is 75% and 25% respectively, and is same in the Choice Based Credit System. University semester examination papers are set by the panel of examiners appointed by SGBAU University.

The Sessional examination question papers were designed with Blooms taxonomy. The questions are setup as per course objective of each subject. Two Sessional exams are conducted for each theory and practical course as per the schedule prescribed under CBCS and one Sessional examination is conducted as per CBSGS course pattern given by SGBAU. Best of one from the two sessionals are considered. The pattern of question paper is short essay type and long essay type. Paper pattern is set according to the level of competitive examination and are problem based. GPAT level questions and other competitive exam level questions are set to improve the thinking ability of students. Setting of question papers is based on SGBAU pattern.

Assignments are given to each student by the all subject teacher. Different topics are distributed to each group of student. The topics are based on analytical ability, some are problem based to improve the thinking ability of students and they are evaluated. The marks of assignments are considered in credit based system. The assignments are prepared that it covers the relevant COs.

2.2.3. Quality of Students projects (15)

(Quality of the project is measured in terms of consideration to factors including, but not limited to, cost, type {application, product, research, review etc.} environment, safety, ethics and standards. Processes related to project identification, allotment, continuous monitoring, evaluation including demonstration of working prototypes, and to enhance the relevance of projects. Mention Implementation details including details of POs addressed through the projects with justification)

Identification of projects and allocation methodology to faculty members

Every B. Pharmacy VII & VIII semester student undertakes Pharmacy practice project as per the guidelines given by SGBAU. Teacher/ Guide is assigned to a group of four to five students. The students thereafter in consultation with Teacher/ Guide select the topic. The

students then perform literature survey, formulate the problem individually and then proceed further. Project may be theoretical or experimental. The teachers and the students selects topic that are relevant to the learning of pharmacy and the teacher ensures that while selecting the topic, contribution to respective POs is assured. A project normally covers a wide range of POs.

Process of monitoring and evaluation

Every week the student report to the concerned faculty and provide the details about the progress of project. Students write their projects after the conducting of field work/ library work and the project report is prepared. Progress is continuously monitored by guide. Project evaluation committee evaluates the presentation on the project.

Assessment of project is done considering factors such as (i) their quality (ii) the state of the art technology used in execution (iii) the relevance to society, industry and academics (iv) use and development of theoretical and experimental methods and the coverage of broader areas of pharmacy. Faculty uses Rubrics for the assessment of projects. Final evaluation of project report is conducted in formal setup by the project evaluation committee.

The quality projects are evaluated by the project assessment committee.

Year	No. of Projects
2022-23	6
2021-22	5
2020-21	4

2.2.4   Initiatives related to Industry and/or Hospital interaction   (20)

(Give details of the industry/ hospital involvement in the program such as industry-attached Laboratories, partial delivery of appropriate courses by industry experts and/or collaborative initiatives with the hospitals etc. Mention the initiatives, implementation details and impact analysis)

College always strives to impart education of standards. In addition to the regular compliance to the VBCP University approved syllabus, several initiatives have been taken to foster the growth of the students. As part of B. Pharmacy program, SGBAU also seeks the guidance of Industry/Hospital to deliver Guest Lectures to our students. As the B. Pharmacy course is largely industry oriented and industry based guest lectures are also planned.

The college has taken steps to conduct industrial visits, which includes the research laboratories (animal house, maintenance and handling) medicinal and botanical gardens,

pharmaceutical industries (Allopathic and Ayurvedic products). The guest lectures are arranged which supported them for improving the knowledge base and motivate for higher studies. For hospital visit the MOU was prepared with respective hospitals.

Industrial Visits for three years CAY: CAY: 2022-23

Title	Professional societies	Date	Number of students presents	Achievements /benefits
Industrial visit	Glacier Pharmaceuticals Pvt. Ltd, Amravati	13/12/2022	40	Gaining knowledge about industrial process
Industrial visit	Priest Pharmaceuticals Pvt. Ltd, Amravati	13/12/2022	43	Value addition and real time appreciation
Hospital visit	Dayasagar Hospital, Camp, Amravati	20/12/2022	40	Value addition and real time appreciation

Industrial Visits for three years CAY: CAY: 2021-22

Title	Professional societies	Date	Number of students presents	Achievements /benefits
Industrial visit	Glacier Pharmaceuticals Pvt. Ltd, Amravati	05/04/2022	41	Gaining knowledge about industrial process
Industrial visit	Priest Pharmaceuticals Pvt. Ltd, Amravati	05/04/2022	43	Value addition and real time appreciation

Industrial Visits for three years CAY: CAY: 2020-21

Due to Covid -19 pandemic Industrial/Hospital Visit not conducted

2.2.4 Initiatives related to skill development programs / Industry internship/ summer training (10)

(*Mention the initiatives, implementation details and impact analysis)*

As per SGBAU every student has to undergo four week training in industry/ hospital/ medical shop. College Training and Placement Cell facilitates arrangements for four week in-plant training which is undergone by the B Pharm T. Y. students. At the beginning of semester V, the cell gives orientation to the students regarding the in plant training and procedures to approach industries for the same. The cell also facilitates to issue official letters to the students which need to be submitted to the industries.

On the completion of the training, the students are asked to submit a report of same and one duplicate copy of training certificate. A short individual interactive session is held with

training cell regarding their observation and experience during training. Students are benefited from such training as they have to learn machines, equipments from their syllabus. They get confidence and practical knowledge from such trainings. They also get help in the placement in Industry /hospitals.

Apart from university requirement institute has established an Entrepreneurship Development Cell under these cell students was motivated for entrepreneurship. For this purpose the cell organizes guest lecturers from nearby successful entrepreneurs on different topic including skill development.

2.2.5 Continuous Evaluation Process   (10)

According to PCI syllabus,03 marks are given to record on the basis of work done and viva-vice.

For continuous evaluation process we take feedback from students, alumini and employer. Analyse the feedback and necessary action are taken.

The institution follows a set mechanism of continuous assessment in terms of academic knowledge, skill development, trough practical, industrial visit training exposure to world of work.

Continuous evaluation process is done through:

- ➢ Evaluation of COs and POs attainment by filling the identified gap from the content beyond the syllabus.
- ➢ Evaluation of adherence to academic calendar specially the date of sessional examination which were helpful to students for their planning of study.
- ➢ Evaluation of lesson plan/ teaching plan by the internal monitoring committee from time to time to execute the lesson plan prepared by the subject expert.
- ➢ Quality of question papers is evaluated by Sessional exam committee.
- ➢ Evaluation of Sessional papers is done after the completion of examination.
- ➢ Identification of weak students and bright students is based on the performance of first sessional examination of every semester.
- ➢ Efforts are provided by the subject teachers for weak students by giving remedial classes, solving problems of students by mentor mentee system, extra assignments are given. Impact analysis is done by the performance of students after the second sessional examination and the university examination.
- ➢ Encourage the bright students for attending seminars, workshop, poster and paper presentation, competitive examination such as GPAT etc.

- Student project is evaluated by the guide/ supervisor and finally evaluated by project assessment committee. Attainment of POs is evaluated and quality project is sorted out.
- Evaluation of quality of assignment was done by the subject expert by observing the attainment of COs and POs. Its impact analysis was done by observing their performance in the result.
- Quality of experiments is evaluated specially from beyond the syllabus which is carried out on sophisticated instrument.
- The academic knowledge formation is monitor trough the assessment process.
- Summer training of every student was evaluated.

Along with these special efforts are taken to overall development of the students. Students are given certain assignments by respective subject teacher. Students are also motivated to give seminar on the topic of their interest, and some students give seminar on some topics in the syllabus which boost confidence and the topic can understand in depth. The result of overall analysis was done by the assessment committee and takes a corrective action in all above parameters.

2.2.4   Quality of Experiments   (20)

The college has separate Instrument Room and Pilot-Plant. The syllabus of prescribed by SGBAU University has specified the list of experiments after due consideration of the quality of the experiments.

1. The laboratories are spacious and equipped with the necessary infrastructure that facilitate for the smooth conduct of experiments.

2. The college has the necessary equipments, instruments and apparatus as prescribed the Pharmacy Council of India.

3. The teachers are meritorious, well qualified and experienced for handling the practical/labs work and effective learning.

4. The teachers are continuously striving and actively involved in research work, which is translated into the practicals.

5. The animal experiments are being exposed to students for enhanced learning of pharmacology.

6. The language laboratory imparts specific skill. A multimedia aided language lab gives stress on experiments based on: grammatical exercises, phonetics pronunciation, oral presentations, vocabulary building, writing skills and interview skills.

7. Each student is given opportunity to conduct the experiments independently. For this

reason, the practical batch size limited to 20 to 22 students.

8. Sufficient number of systems is maintained in the computer lab to enable that each student can get one terminal, to work independently in a lab.

9. The sophisticated equipment procured to facilitate the learning for students.

Based on the perspectives and setup, the experimental course work is correlated to the program outcomes, while rating the equipment and performance of the students.

List of some Quality experiments

1. Study of CPR techniques on CPR model
2. Study of oral glucose tolerance test
3. Study of effect of hepatic microsomal enzyme inducer on the phenobarbitone sleeping time in mice
4. Determination of the Identification Test For Ferrous Gluconate
5. Identification of relative rates of SN1 and SN2 reactions
6. Study of the effect of UV radiation on bacterial growth
7. Conductometric titration of hydrochloric acid with sodium hydroxide and to determine end point
8. Development of UV spectrophotometric method for estimation of drugs in Multicomponent formulation.

ANNEXURE – I : PROGRAM OUTCOMES

1. Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.

2. Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

3. Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

4. Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

5. Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and wellbeing.

6. Professional Identity: Understand, analyze and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

7. Pharmaceutical Ethics: Honour personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

8. Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective

reports, make effective presentations and documentation, and give and receive clear instructions.

9. The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

10. Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

11. Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

CRITERION 3	Course Outcomes (COs) and Program Outcomes (POs)	100

3.3. Course Outcomes (COs) and Program Outcomes (POs) 20

3.1. Establish the correlation between the courses and the Program Outcomes

(NBA defined Program Outcomes as mentioned in Annexure I)

3.1.1. Course Outcomes (SAR should include course outcomes of one course from each semester of study, however, should be prepared for all courses) 05

Note: Number of Outcomes for a Course is expected to be around 6.

Course Name: CN:101- Anatomy and Physiology -I

Item	Anatomy and Physiology -I
CN:101.1	Student should able to understand and explain the cellular and tissue level of organization.
CN:101.2	Student should able to explain the organization of integumentary and skeletal system.
CN:101.3	Student should able to explain the composition and function of body fluid.
CN:101.4	Student should able to explain the organization of autonomic nervous system.
CN:101.5	Student should able to understand and explain the structure and function of special senses.
CN:101.6	Student should able to explain the organization and working of cardiovascular system.

CN:101 is in the First year (First Semester), 101 is the subject code for Anatomy and Physiology- I and CN:101.1 to CN:101.6 are the outcomes of this course.

Course Name: CN:108- Anatomy and Physiology-II

Item	Anatomy and Physiology -II
CN:108.1	Student should be able to explain the organization of nervous system and its role in function of different systems.
CN:108.2	Student should be able to explain the process of digestion of food in human body.
CN:108.3	Student should be able to explain the hormonal control of human body.
CN:108.4	Student should be able to interpret and explain the knowledge of reproductive system of human body, various family planning devices and pregnancy kit.

CN:108.5	Student should be able to explain the working of organs of various systems of human body.
CN:108.6	Student should be able to explain the excretory system of human body.

CN:108 is in the First year (Second Semester), 108 is the subject code for Anatomy and Physiology- II and CN:108.1 to CN:108.6 are the outcomes of this course.

Course Name: CN:201- Pharmaceutical Organic Chemistry-II

Item	Pharmaceutical Organic Chemistry-II
CN:201.1	Student should able to write the structure, name and the type of isomerism of the organic compound.
CN:201.2	Student should able to write the reaction, name the reaction and orientation of reactions
CN:201.3	Student should able to account the reactivity/stability of compound
CN:201.4	Student should able to synthesize organic compounds.

CN:201 is in the Second year (Third Semester), 201 is the subject code for Pharmaceutical Organic Chemistry-II and CN:201.1 to CN:201.6 are the outcomes of this course.

Course Name: CN:205- Pharmaceutical Organic Chemistry-III

Item	Pharmaceutical Organic Chemistry-III
CN:205.1	Student should be able to understand the methods of preparation and properties of organic compounds.
CN:205.2	Student should be able to explain the stereo chemical aspects of organic compounds and stereo chemical reactions.
CN:205.3	Student should be able to know the medicinal uses and other applications of organic compounds.

CN:205 is in the Second year (Fourth Semester), 205 is the subject code for Pharmaceutical Organic Chemistry- III and CN:205.1 to CN:205.6 are the outcomes of this course.

Course Name: CN:304- Pharmacognosy and Phytochemistry-II

Item	Pharmacognosy and Phytochemistry-II
CN:304.1	Student should able to understand the basic metabolic pathway in higher plant and their

Item	
	determination.
CN:304.2	Student should able to know the modern extraction techniques, characterization and identification of herbal drugs and phytoconstitutents.
CN:304.3	Student should able to understand the isolation, identification and analysis of phytoconstitutents.
CN:304.4	Student should able to carryout the morphological, microscopic, powder characteristics and extraction and detection of crude drugs.

CN:304 is in the Third year (Fifth Semester), 304 is the subject code for Pharmacognosy and Phytochemistry-II and CN:304.1 to CN:304.6 are the outcomes of this course.

Course Name: CN:308- Herbal Drug Technology

Item	Herbal Drug Technology
CN:308.1	Student should able to understand raw material as source of herbal drugs from cultivation to herbal drug product.
CN:308.2	Student should able to know the WHO and ICH guidelines for evaluation of herbal drugs and formulations.
CN:308.3	Student should able to know the herbal cosmetics, natural sweeteners, nutraceuticals.
CN:308.4	Student should able to understand the herbal drug interactions.
CN:308.5	Student should able to appreciate patenting of herbal dugs, GMP.
CN:308.6	Student should able to demonstrate the monograph from latest edition of pharmacopoeia.

CN:308 is in the Third year (Sixth Semester), 308 is the subject code for Herbal Drug Technology and CN:308.1 to CN:308.6 are the outcomes of this course.

Course Name: CN:402- Industrial Pharmacy-II

Item	Industrial Pharmacy-II
CN:402.1	Student should able to understand a part of the pharmaceutical industry.
CN:402.2	Student should able to express different terminologies of Technology Transfer (TT).
CN:402.3	Student should able to justify various regulatory requirements for drug approval, IND and NDA.
CN:402.4	Student should able to recall quality concepts in pharmaceutical developments.

CN:402.5	Student should able to understand developing standards and regulatory measures for drugs linguistics and devices.

CN:402 is in the Final year (Seventh Semester), 402 is the subject code for Industrial Pharmacy-II and CN:402.1 to CN:402.6 are the outcomes of this course.

Course Name: CN:409- Pharmaceutical Regulatory Sciences

Item	Pharmaceutical Regulatory Sciences
CN:409.1	Student should able to explain about the process of drug discovery and development.
CN:409.2	Student should able to explain the regulatory approval process, regulatory authorities and agencies.
CN:409.3	Student should able to summarize the registration of drug product in Indian and in International markets.
CN:409.4	Student should able to describe the clinical trials, Pharmacovigilance and Regulatory concept.

CN:409 is in the Final year (Eighth Semester), 409 is the subject code for Pharmaceutical Regulatory Sciences and CN409.1 to CN:409.6 are the outcomes of this course.

3.1.2 CO-PO matrices of courses selected in 3.1.1 (four matrices to be mentioned; one per semester from 1st to 8th semester; at least one per year)   05

Note: Enter correlation level 1, 2 or 3 as defined below:

1: Slight (Low)   2 : Moderate (Medium)   3 : Substantial (High)

If there is no correlation, put –

Course Name: CN:101- Anatomy and Physiology -I

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:101.1	2	-		2	-	-	-	2	2	-	2
CN:101.2	2	-	2	2	-	2	-	2	2	-	2
CN:101.3	2	-	2	2	-	2	-	2	2	-	2
CN:101.4	2	-	2	2	-	2	-	2	2	-	2
CN:101.5	2	-	2	1	-	2	-	2	2	-	2
CN:101.6	2	-	2	2	-	2	-	2	2	-	2
Average	2	-	2	2	-	2	-	2	2	-	2

Course Name: CN:108- Anatomy and Physiology-II

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:108.1	3	-	1	1	2	-	1	2	2	-	2
CN:108.2	3	-	1	1	2	-	1	2	2	-	2
CN:108.3	3	-	1	1	2	-	1	2	2	-	2
CN:108.4	3	-	1	1	2	-	1	2	2	-	2
CN:108.5	3	-	1	1	2	-	1	2	2	-	2
Average	3	-	1	1	2	-	1	2	2	-	2

Course Name: CN:201- Pharmaceutical Organic Chemistry-II

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:201.1	3	-	2	-	-	-	1	-	-	-	1
CN:201.2	3	-	2	-	-	-	1	-	-	-	1
CN:201.3	3	1	2	-	-	-	1	-	-	-	1
CN:201.4	3	2	2	-	2	2	1	2	-	-	1
Average	3	2	2	-	2	2	1	2	-	-	1

Course Name: CN:205- Pharmaceutical Organic Chemistry-III

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:205.1	3	2	2	2	1	2	2	2	2	2	2
CN:205.2	3	1	2	1	1	2	2	2	2	2	2
CN:205.3	3	2	2	2	2	2	2	2	2	2	2
Average	3	2	2	2	2	2	2	2	2	2	2

Course Name: CN:304- Pharmacognosy and Phytochemistry-II

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:304.1	3	1	1	1	-	-	-	-	-	-	2
CN:304.2	3	2	2	2	-	-	-	-	-	-	2
CN:304.3	3	2	2	2	-	-	-	-	-	-	2
CN:304.4	3	2	2	2	-	-	-	-	-	-	2
Average	3	2	2	2	-	-	-	-	-	-	2

Course Name: CN:308- Herbal Drug Technology

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:308.1	3	3	1	2	-	-	-	-	2	2	2
CN:308.2	3	3	3	3	-	-	-	-	2	2	2

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:308.3	3	3	3	3	-	-	-	-	2	2	2
CN:308.4	3	2	2	3	-	-	-	-	2	2	2
CN:308.5	3	3	3	3	-	-	-	-	2	2	2
CN:308.6	3	2	3	3	-	-	-	-	2	2	2
Average	3	3	3	3	-	-	-	-	2	2	2

Course Name: CN:402- Industrial Pharmacy-II

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:402.1	3	3	2	2	-	-	-	-	-	-	-
CN:402.2	3	3	2	2	-	-	-	-	-	-	-
CN:402.3	3	3	2	2	-	-	-	-	-	-	-
CN:402.4	3	3	2	2	-	-	-	-	-	-	-
CN:402.5	3	3	2	2	-	-	-	-	-	-	-
Average	3	3	2	2	-	-	-	-	-	-	-

Course Name: CN:409- Pharmaceutical Regulatory Sciences

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:409.1	3	2	3	3	2	2	3	3	2	2	3
CN:409.2	3	1	1	1	2	2	3	3	2	3	3
CN:409.3	3	3	3	3	2	2	3	3	2	2	3
CN:409.4	3	3	3	3	2	2	3	3	2	2	3
Average	3	3	3	3	2	2	3	3	2	3	3

3.1.3 Course-PO matrix of courses for all years of study (10)

Note: Correlation levels 1, 2 or 3 as defined below:

1: Slight (Low)　　　　　2: Moderate (Medium)　　　　　3: Substantial (High)

If there is no correlation put "-"

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:101	2	-	2	2	-	2	-	2	2	-	2
CN:102	3	2	2	2	-	-	-	-	-	-	-
CN:103	3	3	1	2	1	2	3	2	2	1	1
CN:104	2	2	2	-	2	3	-	2	3	1	2
CN:105	-	1	2	-	2	-	-	3	-	-	2
CN:106	3	2	2	2	-	2	-	-	-	-	1
CN:107	-	2	2	2	-	-	-	-	-	-	-
CN:108	2	-	2	2	-	2	-	2	2	-	2

CN:109	3	-	2	1	-	-	-	-	-	-	-
CN:110	3	2	1	1	-	2	-	2	1	1	1
CN:111	3	-	2	-	-	1	-	1	1	-	-
CN:112	3	2	2	2	-	-	-	2	-	-	-
CN:113	-	2	1	-	1	-	-	1	-	3	2
CN:201	3	2	2	-	2	2	1	2	-	-	1
CN:202	3	2	3	2	-	-	-	-	-	-	-
CN:203	3	2	3	2	1	1	3	1	-	2	2
CN:204	3	3	3	2	-	-	-	-	-	-	1
CN:205	3	-	2	2	-	-	-	-	-	-	-
CN:206	3	2	2	2	1	2	2	2	2	2	2
CN:207	3	2	2	2	-	-	-	-	-	-	-
CN:208	3	-	2	-	-	1	1	1	2	1	-
CN:209	3	2	1	1	-	2	3	-	-	3	1
CN:301	3	1	3	3	-	1	2	2	1	2	1
CN:302	3	3	3	3	3	3	3	3	-	-	3
CN:303	3	2	1	1	-	1	1	2	1	1	3
CN:304	3	2	2	2	-	-	-	-	-	-	2
CN:305	3	-	2	1	1	2	2	2	-	-	-
CN:306	3	-	2	2	-	1	2	1	1	2	1
CN:307	3	1	3	2	-	2	2	2	1	--	3
CN:308	3	3	3	3	-	-	-	-	2	2	2
CN:309	3	2	2	1	-	-	-	1	-	-	-
CN:310	3	1	2	3	1	1	3	1	-	2	2
CN:311	3	2	2	1	1	1	2	1	1	1	1
CN:401	3	2	2	3	2	1	1	1	-	-	1
CN:402	3	1	2	2	-	-	-	-	-	-	-
CN:403	3	3	3	3	3	3	3	3	-	-	2
CN:404	3	3	3	3	1	2	3	3	2	2	3
CN:405	3	2	2	2	2	2	2	2	2	2	2
CN:406	2	3	3	2	3	1	-	1	-	-	2
CN:407	3	2	2	-	2	3	2	3	3	-	3
CN:408	3	3	3	1	2	2	2	3	1	1	-
CN:409	3	2	3	3	2	2	3	3	2	2	3
CN:410	3	3	2	-	-	-	-	3	2	-	3
CN:411	3	2	2	3	2	1	1	1	-	-	1
CN:412	2	-	2	2	-	2	-	2	2	-	2

3.2 Attainment of Course Outcomes (40)

3.2.1 Describe the assessment processes used to gather the data upon which the evaluation of Course Outcome is based (10)

(Examples of data collection processes may include, but are not limited to, specific exam/tutorial questions, assignments, laboratory tests, project evaluation, student portfolios (A portfolio is a

collection of artifacts that demonstrate skills, personal characteristics, and accomplishments created by the student during study period), internally developed assessment exams, project presentations, oral exams, focus groups etc. It is expected that each theory subject taught should impart specific knowledge and make a foundation for a set of Basic Concepts related to it. Similarly the laboratory experiments should have some predetermined and predefined skills which can be developed during the study).

Assessment process is divided into two parts

a. Internal Assessment   b. University Exam Assessment

Twenty percent weightage is given for Internal Assessment and Eighty percent weightage is given for University Assessment. This is in accordance with the weightage given to meet PCI curriculum.

1. Internal Assessment: The course outcomes are assessed by the performance of students in the internal exams. Two sessional examinations are conducted based on syllabus of 30 marks for Theory and a 40marks for practical. This comprises of direct assessment.

2. University Examination: It is an important tool for assessment of course outcomes. This examination consists of descriptive type questions and MCQ based questions also. University examination is conducted at the end of each semester based on entire syllabus for 75 marks. Also oral/Practical examination is conducted at the end of each semester for 35 marks as per syllabus.

As the University does not provide average or median marks, we have set University Pass Percentage (50%) as the target level for Theory courses and 50% marks as the target level for Practical courses.

Following table gives the description of different tools:

Assessment	Data Collection Process	Skills/Personal Characteristics demonstrated by the students
External	University Examination	• Performance in exam indicates that breadth and depth of students fundamental knowledge applied to a particular course. • Demonstrate the ability to synthesize ideas and critically evaluate topics related to course. • Enhance critical thinking.
Internal	Assignments/ tutorial	• Deep understanding of the subject matter in their discipline.

		• Enable students to learn how to think. • Develop students basic academic skills. • Inculcates the self learning attitude among the students.
	Projects	• Cultivate domain specific skills and knowledge. • Demonstrate the ability to identify and formulate the problems. • Gives experience of research, writing skills and oral communication.
	Practical's	• Disseminate students with pharmaceutical tools, equipments and techniques. • Facilitates to understand the pharmaceutical terms and concepts learned in classrooms. • Provides with actual experience of different works of students interest which aid them to become a pharmacist. • Involves applications and deals with real time situations.

3.2.2 Record the attainment of Course Outcomes of all courses with respect to set attainment levels   (30)

Program shall have set Course Outcome attainment levels for all courses.

(The attainment levels shall be set considering average performance levels in the university examination or any higher value set as target for the assessment years. Attainment level is to be measured in terms of student performance in internal assessments with respect the course outcomes of a course in addition to the performance in the University examination)

Year 2021-2022

First Year (Semester I)

CN:101- Anatomy and Physiology –I (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 96.92% : **LEVEL** 3

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 100% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.20*3 = **3**

CN:101- Anatomy and Physiology –I (Lab)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 100% : **LEVEL** 3

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 100% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.20*3 = **3**

CN:101- Anatomy and Physiology –I: Total attainment level = **3**

First Year (Semester II)

CN:108- Anatomy and Physiology-II (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 46.39% : **LEVEL 0**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 54% : **LEVEL 1**

Total attainment level = 0.8*1 + 0.2*0 = **0.8**

CN:108- Anatomy and Physiology-II (Lab)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 76.14% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 89% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:108- Anatomy and Physiology –II: Total attainment level = **1.9**

<center>Second Year (Semester-III)</center>

CN:201- Pharmaceutical Organic Chemistry-II (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 99.34 % : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 100% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:201- Pharmaceutical Organic Chemistry-II (Lab)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 99.34 % : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 100% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:201- Pharmaceutical Organic Chemistry-II: Total attainment level = **3**

Second Year (Semester IV)

CN:205- Pharmaceutical Organic Chemistry-III (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 64.47% : **LEVEL** 2

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 59.00% : **LEVEL 1**

Total attainment level = 0.8*1 + 0.2*2 = **1.2**

CN:205- Pharmaceutical Organic Chemistry-III: Total attainment level = **1.2**

Third Year (Semester V)

CN:304- Pharmacognosy and Phytochemistry-II (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks

Percentage achieved = 99.34% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 99.00% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:304- Pharmacognosy and Phytochemistry-II (Lab)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 99.34% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 99.00% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:304- Pharmacognosy and Phytochemistry-II: Total attainment level = **3**

Third Year (Semester VI)

CN:308- Herbal drug Technology (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 92.75% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 65.00% : **LEVEL 2**

Total attainment level = 0.8*2 + 0.2*3 = **2.2**

CN:308- Herbal drug Technology (Lab)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 100.00% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 100.00% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:308- Herbal drug Technology: Total attainment level = **2.6**

Final Year (Semester VII)

CN:402- Industrial Pharmacy-II (Th)

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 73.00% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 73.00% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:402- Industrial Pharmacy-II: Total attainment level = **3**

Final Year (Semester VIII)

CN:409: Pharmaceutical Regulatory Sciences

Internal Assessment (Sessional Examination)

Attainment level 1: 50% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 2: 60% students scoring more than 50% of marks out of relevant maximum marks.

Attainment level 3: 70% students scoring more than 50% of marks out of relevant maximum marks.

Percentage achieved = 71.97% : **LEVEL 3**

External Assessment (University Examination)

Attainment level 1: 50% students scoring more than 50% marks in University examination.

Attainment level 2: 60% students scoring more than 50% marks in University examination.

Attainment level 3: 70% students scoring more than 50% marks in University examination.

Percentage achieved = 95.00% : **LEVEL 3**

Total attainment level = 0.8*3 + 0.2*3 = **3**

CN:409: Pharmaceutical Regulatory Sciences: Total attainment level = **3**

3.3 Attainment of Program Outcomes   **(40)**

3.3.1 Describe assessment tools and processes used for assessing the attainment of each PO

(10)

(Describe the assessment tools and processes used to gather the data upon which the evaluation of each the Program Outcome is based indicating the frequency with which these processes are carried out. Describe the assessment processes that demonstrate the degree to which the Program Outcomes are attained and document the attainment levels)

Several tools are described for assessing course outcomes. The program outcomes are based on the course outcomes. Thus, the tools remain the same for assessing the program outcomes

Assessment process:

The assessment tools are direct and indirect methods for evaluating the attainment of POs.

Direct methods:

1.   Internal Assessment   2.   University Exam Assessment

Indirect methods:

1. Program Exit Survey: At the end of the program, program exit survey is conducted to summarize the feedback of students and program outcome attainment level.

2. Alumni Survey: Alumni survey is conducted during Alumni meet.

PO evaluation

The process used to measure the attainment of POs through direct and indirect attainment is

as follows,

Step 1: Course outcomes for all courses are drafted.

Step 2: Each course outcome is mapped to POs.

Step 3: Attainment of COs are measured by using direct assessment tools.

Step 4: By using result of CO attainment corresponding PO attainments are calculated.

Step 5: Also attainment of POs are calculated by using indirect attainment tools.

This process is repeated for all courses in the program to calculate attainment of POs.

3.3.2. Provide results of evaluation of each PO   (30)

Program shall set Program Outcome attainment levels for all POs.

(The attainment levels by direct (student performance) and indirect (surveys) are to be

presented through Program level Course-PO matrix as indicated).

Year 2020-21

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:101	3	-	3	3	-	3	-	3	3	-	3
CN:102	3	3	3	3	-	-	-	-	-	-	-
CN:103	3	3	3	3	3	3	3	3	3	3	3
CN:104	3	3	3	-	3	3	-	3	3	3	3
CN:105	-	3	3	-	3	-	-	3	-	-	3
CN:106	2.4	2.4	2.4	2.4	-	2.4	-	-	-	-	2.4
CN:107	-	3	3	3	-	-	-	-	-	-	-
CN:108	3	-	3	3	-	3	-	3	3	-	3
CN:109	3	-	3	3	-	-	-	-	-	-	-
CN:110	3	3	3	3	-	3	-	3	3	3	3
CN:111	3	-	3	-	-	3	-	3	3	-	-
CN:112	3	3	3	3	-	-	-	3	-	-	-
CN:113	-	3	3	-	3	-	-	3	-	3	3
CN:201	3	3	3	-	3	3	3	3	-	-	3
CN:202	3	3	3	3	-	-	-	-	-	-	-
CN:203	3	3	3	3	3	3	3	3	-	3	3
CN:204	3	3	3	3	-	-	-	-	-	-	3
CN:205	3	-	3	3	-	-	-	-	-	-	-
CN:206	3	3	3	3	3	3	3	3	3	3	3
CN:207	3	3	3	3	-	-	-	-	-	-	-
CN:208	3	-	3	-	-	3	3	3	3	3	-
CN:209	3	3	3	3	-	3	3	-	-	3	3
CN:301	3	3	3	3	-	3	3	3	3	3	3
CN:302	3	3	3	3	3	3	3	3	-	-	3
CN:303	3	3	3	3	-	3	3	3	3	3	3
CN:304	3	3	3	3	-	-	-	-	-	-	3
CN:305	3	-	3	3	3	3	3	3	-	-	-
CN:306	3	-	3	3	-	3	3	3	3	3	3
CN:307	3	3	3	3	-	3	3	3	3	--	3
CN:308	3	3	3	3	-	-	-	-	3	3	3
CN:309	3	3	3	3	-	-	-	3	-	-	-
CN:310	3	3	3	3	3	3	3	3	-	3	3
CN:311	3	3	3	3	3	3	3	3	3	3	3
CN:401	3	3	3	3	3	3	3	3	-	-	3
CN:402	3	3	3	3	-	-	-	-	-	-	-
CN:403	3	3	3	3	3	3	3	3	-	-	3

Course											
CN:404	3	3	3	3	3	3	3	3	3	3	3
CN:405	3	3	3	3	3	3	3	3	3	3	3
CN:406	3	3	3	3	3	3	-	3	-	-	3
CN:407	3	3	3	-	3	3	3	3	3	-	3
CN:408	3	3	3	3	3	3	3	3	3	3	-
CN:409	3	3	3	3	3	3	3	3	3	3	3
CN:410	3	3	3	-	-	-	-	3	3	-	3
CN:412	3	3	3	3	3	3	3	3	-	-	3

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct Attainment	2.79	2.45	2.99	2.45	1.40	1.99	1.53	2.20	1.40	1.27	2.12
Indirect Attainment	2.35	2.28	2.14	2.07	2.12	2.09	2.35	2.17	2.16	2.09	2.49
PO Attainment	2.7	2.42	2.82	2.38	1.54	2.01	1.7	2.19	1.55	1.43	2.19

Year 2021-22

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:101	3	-	3	3	-	3	-	3	3	-	3
CN:102	3	3	3	3	-	-	-	-	-	-	-
CN:103	3	3	3	3	3	3	3	3	3	3	3
CN:104	3	3	3	-	3	3	-	3	3	3	3
CN:105	-	3	3	-	3	-	-	3	-	-	3
CN:106	3	3	3	3	-	3	-	-	-	-	3
CN:107	-	3	3	3	-	-	-	-	-	-	-
CN:108	2.3	-	2.3	2.3	-	2.3	-	2.3	2.3	-	2.3
CN:109	2.6	-	2.6	2.6	-	-	-	-	-	-	-
CN:110	2.4	2.4	2.4	2.4	-	2.4	-	2.4	2.4	2.4	2.4
CN:111	1.6	-	1.6	-	-	1.6	-	1.6	1.6	-	-
CN:112	2.9	2.9	2.9	2.9	-	-	-	2.9	-	-	-
CN:113	-	3	3	-	3	-	-	3	-	3	3
CN:201	3	3	3	-	3	3	3	3	-	-	3
CN:202	3	3	3	3	-	-	-	-	-	-	-
CN:203	3	3	3	3	3	3	3	3	-	3	3
CN:204	3	3	3	3	-	-	-	-	-	-	3
CN:205	2.8	-	2.8	2.8	-	-	-	-	-	-	-
CN:206	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9	2.9
CN:207	3	3	3	3	-	-	-	-	-	-	-
CN:208	2.8	-	2.8	-	-	2.8	2.8	2.8	2.8	2.8	-
CN:209	2.7	2.7	2.7	2.7	-	2.7	2.7	-	-	2.7	2.7
CN:301	3	3	3	3	-	3	3	3	3	3	3
CN:302	3	3	3	3	3	3	3	3	-	-	3
CN:303	3	3	3	3	-	3	3	3	3	3	3

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CN:304	3	3	3	3	-	-	-	-	-	-	3
CN:305	3	-	3	3	3	3	3	3	-	-	-
CN:306	3	-	3	3	-	3	3	3	3	3	3
CN:307	3	3	3	3	-	3	3	3	3	--	3
CN:308	3	3	3	3	-	-	-	-	3	3	3
CN:309	2.6	2.6	2.6	2.6	-	-	-	2.6	-	-	-
CN:310	3	3	3	3	3	3	3	3	-	3	3
CN:311	3	3	3	3	3	3	3	3	3	3	3
CN:401	3	3	3	3	3	3	3	3	-	-	3
CN:402	3	3	3	3	-	-	-	-	-	-	-
CN:403	3	3	3	3	3	3	3	3	-	-	3
CN:404	3	3	3	3	3	3	3	3	3	3	3
CN:405	3	3	3	3	3	3	3	3	3	3	3
CN:406	2.8	2.8	2.8	2.8	2.8	2.8	-	2.8	-	-	2.8
CN:407	2.6	2.6	2.6	-	2.6	2.6	2.6	2.6	2.6	-	2.6
CN:408	3	3	3	3	3	3	3	3	3	3	-
CN:409	3	3	3	3	3	3	3	3	3	3	3
CN:410	2.6	2.6	2.6	-	-	-	-	2.6	2.6	-	2.6
CN:411	3	-	3	3	3	3	3	3	3	-	3

PO Attainment

Course	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
Direct Attainment	2.87	2.70	2.88	2.92	2.37	2.87	2.50	2.86	2.82	2.51	2.66
Indirect Attainment	2.27	2.23	2.09	2.03	2.12	2.14	2.35	2.23	2.15	2.04	2.44
PO Attainment	2.75	2.60	2.72	2.74	2.32	2.72	2.47	2.73	2.68	2.42	2.61
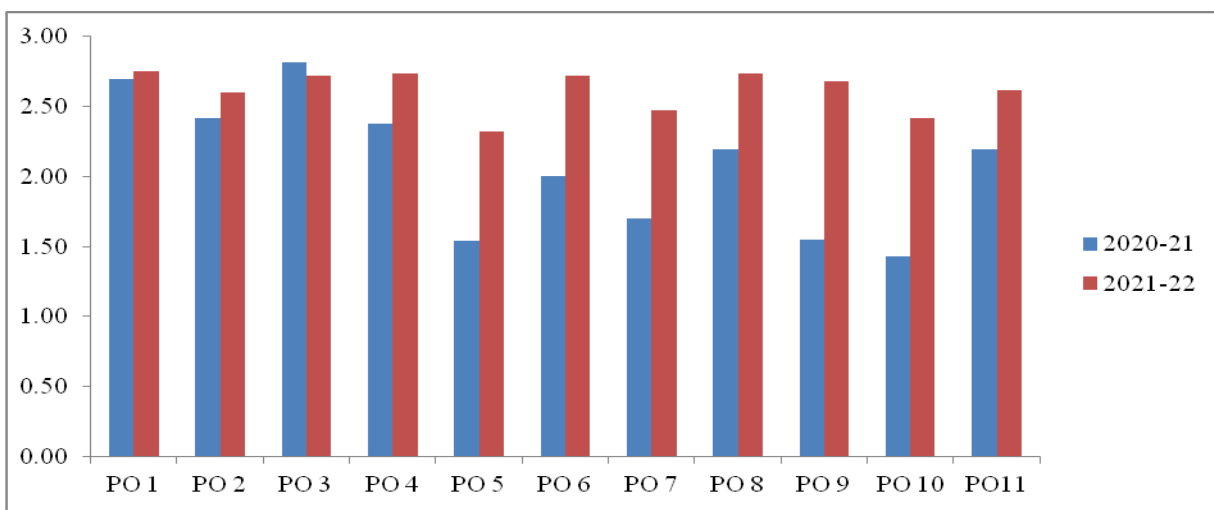
CRITERION 4	STUDENT'S PERFORMANCE	180

4. Student's Performance

Item	CAY 2022 -23	CAY m1 2021-22	CAY m2 2020-21	CAY m3 2019-20
Sanctioned intake of the program (N)	60	60	60	60
Total number of students Admitted in first year (N1)	66	66	63	62
Number of students admitted in the 2nd year in same batch via lateral entry (N2)	NA	10	13	14
Total number of students admitted in the programme (N1+N2)	66	76	76	76

4.1 Enrolment rate (20)

Enrolment ratio=N1/N

Item (Students enroll at first year level on average basis during the previous three academic years starting from current academic year)	Number of students
>=90% students enrolled	66+66+63=195/3= 65

Enrolment Ratio= 257/240 = 1.07

4.2. Success Rate in the stipulated period of the program (50)

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)		Number of students who have successfully graduated without backlogs in any year of study (Without backlog means no compartment or failure in any semester/year of study)			
	N1	N2	I year	II year	III year	IV year
CAY (2022-23)			-	-	-	-
CAY m1 (2021-22)	66	10	40	-	-	-
CAY m2 (2020-21)	63	13	63	54	-	-
CAY m3 (2019-20)	62	14	37	51	50	-
CAY m4 (2018-19)	60	08	22	22	22	22
CAY m5 (LYG m1) (2017-18)	57	10	16	13	13	13
CAY m6 (LYGm2)(2016-17)	56	10	17	19	10	10

Year of entry	Number of students admitted in 1st year + admitted via lateral entry in 2nd year (N1 + N2)		Number of students who have successfully graduated (Students with backlog in stipulated period of study)			
	N1	N2	I year	II year	III year	IV year
CAY (2022-23)			-	-	-	-
CAY m1 (2021-22)	60	10	65	-	-	-
CAY *m2* (2020-21)	63	13	63	76	-	-
CAY *m3* (2019-20)	62	14	62	74	73	-
CAY *m4* (2018-19)	60	08	60	68	68	62
CAY *m5* (LYG m1) (2017-18)	57	10	57	57	55	55
CAY *m6* (LYGm2)(2016-17)	56	10	56	66	65	65

4.2.1. Success rate without backlogs in any year of study

(30

)

SI = (Number of students who graduated from the program without backlog)/

{(Number of students admitted in the first year of that batch) plus

(lateral entry students admitted in second year of study)}

Average SI = Mean of success index (SI) for past three

batches Success rate without backlogs in any year of

study = 30 × Average SI

Item	LYG (2021-22)	LYGm 1 (2020-21)	LYGm2 (2019-2020)
Number of students admitted in the corresponding First Year with lateral entry second year students	68	67	66
Number of students who have graduated without backlogs in the stipulated period	22	13	10
Success index (SI)	0.32	0.19	0.15

Average SI=0.66/3=0.22   Success rate =0.22x 30 = 6.6

4.2.2. Success rate in stipulated period (20)

SI= (Number of students who graduated from the program in the stipulated period of course duration)/ {(Number of students admitted in the first year of that batch) plus (Lateral entry students admitted in second year of study)}

Average SI = mean of success index (SI) for past

three batches Success rate = 20 ×Average SI

Item	LYG (2021-22)	LYGm1 (2020-21)	LYGm2 (2019-20)
Number of students admitted in the corresponding First Year with lateral entry second year students	68	67	66
Number of students who have graduated with backlogs in the stipulated period	62	55	65
Success index (SI)	0.91	0.82	0.98

Average SI= 2.71/3 = 0.90   Success rate =0.90 x 20 =18.06

4.3. Academic Performance in Final Year

4.4. (10) Academic Performance = Average API

Academic Performance Index(API) = (Mean of Final Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) x (successful students/number of students appeared in the examination)

Successful students are those who passed in the final year courses

Academic Performance	CAYm1 (2021-22)	CAYm2 (2020-21)	CAYm3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	75	89	68
Total no. of successful students (Y)	68	55	84
Total no. of students appeared in the examination (Z)	74	55	85
API = x* (Y/Z)	6.9	8.9	6.7
Academic Performance =Average API = (AP1 + AP2 + AP3)/3	6.9 + 8.9 + 6.7 = 22.51 22.51 / 3 = 7.50		

4.5. Academic Performance in Third Year

4.6. (10) Academic Performance = Average API

Academic Performance Index = (Mean of 3rdYear Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of

marks of all successful students in Third Year/10)) x (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the final year

Academic Performance	CAY*m*1 (2021-22)	CAY*m*2 (2020-21)	CAY*m*3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	72	90	66
Total no. of successful students (Y)	73	75	55
Total no. of students appeared in the examination (Z)	73	75	55
API = x* (Y/Z)	7.2	9.0	6.6
Academic Performance =Average API = (AP1 + AP2 + AP3)/3	7.2+ 9.0 + 6.6 = 22.8 /3 = 7.6		

4.5 Academic Performance in Second Year (10)

Academic Performance Index=(API) = (Mean of 2nd Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Second Year/10)) x (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the third year

Academic Performance	CAY*m*1 (2021-22)	CAY*m*2 (2020-21)	CAY*m*3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	72	91	66
Total no. of successful students (Y)	76	74	68
Total no. of students appeared in the examination (Z)	76	74	68
API = x* (Y/Z)	7.2	9.1	6.6
Academic Performance =Average API = (AP1 + AP2 + AP3)/3	7.2 + 9. 1 + 6.6 = 22.9/3 = 7.63		

4.6. Academic Performance in First Year (20)

Academic Performance= 2.0*Average API

Academic Performance Index (API) = (Mean of 1st successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in first Year/ 10) x (successful students/number of students appeared in the examination)

Successful students are those who are permitted to proceed to the second year

Academic Performance	CAY$m1$ (2021-22)	CAY$m2$ (2020-21)	CAY$m3$ (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	80	97	64
Total no. of successful students (Y)	65	63	62
Total no. of students appeared in the examination (Z)	65	63	62
API = x* (Y/Z)	8.0	9.7	6.4
Academic Performance =Average API = (AP1 + AP2 + AP3)/3	8.0 + 9.7 + 6.4 = 24.1/3 = 8.03*2 =16.06		

Placement and Higher Studies   (40)

Assessment Points = 40 × (x + y)/N

Item	LYG (2021-22)	LYGm1 (2020-21)	LYGm2 (2019-20)
Total No. of Final Year Students (N)	74	55	85
Number of students placed in Industries/ hospital/ government sector through on/off campus recruitment or opted for entrepreneurship	29	25	31
No. of students admitted to higher studies with valid scores in various qualifying exams(y)	31	28	44
$x + y$	60	53	75
Placement Index : (x + y)/N	0.81	0.96	0.88
T = Average of (x + y)/N	0.81+ 0.96 + 0.88 = 2.65/3 = 0.88		
Assessment = 40 X T	**40 X 0.88 = 35.2**		

4.7.1. Provide the placement data in the below mentioned format with the name of the program and the assessment year: 2021-2022

B Pharm & Assessment year 2021-22				
Sr. No.	Name of Student Placed	Enrollment No.	Name of the Employer	Appointment letter reference no. and date
1	Miss.Vishaka Chandane	**1914666**	Pritam International Pvt. Lmt , Rookee	PIPL/HR/OFFER/2022 /MAY /76 & Date & 21/05/22
2	Mr. Vittal Karpe	**1914668**	Pritam International Pvt. Lmt , Rookee	PIPL/HR/OFFER/2022 /MAY /10 & Date & 21/05/22
3	Mr. Laxmikant Bhattad	**1714691487**	Pritam International Pvt. Lmt , Rookee	PIPL/HR/OFFER/2022 /MAY /18 & Date & 21/05/22

4	Ku. Aditi Bijwe	**1814639**	Optival Health Solutions Private Limited, Nagpur	19/10/2022
5	Mr.Shailesh Bompilwar	**181463**	USV Pvt.Ltd. Nanded	07/01/2023
B Pharm & Assessment Year 2020-21				
1	Mr. Shreyas Bobade	**171469691509**	Shri Swami Samarth Institute of Pharmacy, Dhamangaon	SSSIOP/486/2022 & Date :-21/01/22
2	Mr. Dhiraj Dulani	**171469691520**	Hetero Health Care Lmt. Mumbai	APPT:H-GENX:ROM : 208625 & Date :- 08/12/2021
3.	Miss. Divyani P. Gawande	**171469691492**	Ifedora Services Private Lmt , Ahmadabad Gujarat	Confirmation Letter Date : 06/06/2022 Appointment Letter Date : 06/12/2022
4	Mr.Shreyash Gupta	**1754653**	Laxachem Organics Pvt. Ltd. Amravati	LOPL/QA/05/2021-22
5	Mr.PrasannaRikhe	**1414639**	TroikaaPharmaceutical Limited, Ahemedabad	15/05/2023
B Pharm & Assessment Year 2019-20				
1	Ku. Suvarna Shrikhande	**171469691547**	Laxachem Organics Pvt. Ltd, Amravati	LOPL/QA/01/2 021-22 & Date 06.04.2021
2	Ku. Urvashi Roy	**1614691467**	Episource Pvt Ltd, Mumbai	Email Dated 21/Feb/2022
3	Ku. Lanjekar S.V	**161469691469**	Angel Pharmacy, Amravati	Angel Medical /2020/11/09 & Dated – 16/09/2020
4	Mr.Aditya Kadu	**15126411**	Shri.Shivaji Medical store, Amravati	18/01/2022
5	Ku.MohiniRahate	**1414648**	Cognizant technology solutions India Pvt.Ltd.	16338784

4.8 Professional Activities (20)

4.8.1 Professional societies / chapters and organizingpharmacyevents(5)

(Provide the relevant details)

All the programs are conducted under the banner of **Indian Pharmaceutical**

Association, Local Branch, Amravati.

Composition:

Sr. No.	Name of the Nominee /Nominees	Position	No. of the Position
1	Dr. K. K. Tapar	President	(One Position)
2	Dr. S. S. Khadbadi	Vice President	(One Position)
3	Mr. J. V. Vyas	Hon. Secretary	(One Position)
4	Mr. A. R. Jaiswal	Joint Secretary	(One Position)
5	Dr. S. D. Pande	Treasurer	(One Position)
6	Dr. L. N. Barde	Council members	(Five Position)
7	Dr. S. J. Dighade	Council members	
8	Dr. M. Tawar	Council members	
9	Mrs. B. Mohokar	Council members	
10	Mr. R. I. Nanwani	Council members	

4.8.2 Publication of technical magazines, newsletters, etc.(5)

(List the publications mentioned along with the names of the editors, publishers, etc.)

a) Studentspublications

b) Collegemagazine

c) Pharmacy professional activities –Campaign

a) Students publications (2022-2023)

Sr.no	Name of Students	Title of paper	Journal Details	Year
1	Shirin S.Bhuyar, Riya S. Bhendkar, Anuj A.Deshmukh,, Amol V Sawale, Anisha A.Kohale, Priya N. Kothari, Kiran L. Humbarde	Review On : Novel Approaches For The Control Of Diabetes Mellitus	December 2022| Ijirt | Volume 9 Issue 7 | Issn: 2349-6002	2022-23
2	Vaishnavi More , Madhuri Game , Amol Sawale , Deva Pundkar , Tanayagupta	Review On ; Study Of Pathophysiology And Daignosis Of West Nile Virus	Iajps 2022, 09 (12),63-69 Vaishnavi More Et Al Issn 2349-7750	2022-23
3	Priya N Kothari,AnishaKohale ,Anuj Deshmukh, Amol V Sawale, Kiran Humbadre, RiyaaBheendkar , ShrinBhuyar	Review On ; Study Of Pathophysiology And Treatment Of Tuberculosis.	Iajps 2022,09 (120 1-9 Priya N Kothari Et Al Issn 2349--77550	2022-23
4	Shivam S Bangale,Shailesh G Jawarakar, Amol V Sawale	Review On ; Emerging Therapy For Dengue.	2022 Ijcrt I Volumme 10, Issue 12 December N2022i Issn; 23220-28882	2022-23
5	Riya Bhendkar, Shirin Bhuyar, Annuj Deshmukh, Amol V. Sawale, Kiran Humbarde, Priya Kothari, Anishaa Kohale	Review On ; Pathophysiology Of Angina Pectoris	December 2022 \ Ijirt/ Volume 9 Issue 7 /Issn;2349-6002	2022-23

6	Anisha A Kohale, Priya N Kothari, Anuj A Deshmukh, Amol V Sawale, Kiran L Humbarde, Shirin S Bhuyar, Riya S Bhendkar	Review On ; Pathophysiology Of Arthritis And Drugs Used In The Management Of Artritis	Iajsp 2022, 09 (11), 2644-276 Issn 23499-7750	2022-23
7	UddeshTehare, Shraaddha D Muneshwar, Amol V Sawale, Sohan S Thipe	Misuse Of Antibiotics And Other Drugs In CoviddPandamic	IAJPPS 2022,09 (8), 3088-313 ISSN 2349-7750	2022-23
8	Sohan S Thipe,Amol V Sawale,Shradha Dd. Muneshwar, Mayur R Totade.	Self Medication ;Risk,Benefits,The Role Off Pharmacist And Survey On Pracctice Of Self Medication With Antibiotics.	IAJPS 2022,09 (8),231-240 ISSN 2349-7750	2022-23
9	Ms.Samiksha Sunil Jawaker Dr. S.D.Pande	Nose To Brane Delivary System	Iajps 2022,09(12),120-129 2349-7750	2022-23
10	Nakul S Dhore. Ajay W Baitule	A Revieve On Scrub Typhus	IAJPSS 2022,09(12),120-129 ISSN 2349-7750	2022-23
11	Ms.Ayushi H Mishra , Vikrant P Wankhade , Nirbhay A Suryawanshi, Pranay V Sharma	Review On Causes Prevention Treatment And Consquence Of Polysystic Ovarian Syndrome	Sjif Impact Factor 7.187 Coden (Usa) ISSN 2349-7750	2022-23
12	Ms.Ayushi H Mishra , Vikrant P Wankhade , Nirbhay A Suryawanshi, Pranay V Sharma	Review On Dendrimer Synthesis Properties And Applixcation In Medicine	Sjif Impact Factor 7.187 Coden (Usa) ISSN 2349-7750	2022-23
13	Pranay V Sharma ,Ms.Ayushi H Mishra , Vikrant P Wankhade , Nirbhay A Suryawanshi,	Review On Biosensors Priciple Working Type And Application In Mediocin	Sjif Impact Factor 7.187 Coden (Usa) ISSN 2349-7750	2022-23
14	Ishwar Pm Kokate ,Dr.VPaithanker,Dattahari N Dhage , Komal R. Thakare	A Brief Review On Herbal Treatment Of Parkinsons Disease	Sjif Impact Factor 7.187 Coden (Usa) ISSN 2349-7750	2022-23
15	Harshad Khandare, Yash R. Mahatme , Vivekkumar D. Rathod, Shiwani A. Gulhane And Sakshi S. Gahukar	Diuretic Activity And In Vitro Anti Uro Lithiasis Activity Of Bauhnia Racemosa L Leaf Extract	Int. J. Of Life Sciences, 2023; 11 (1): 63-72 ISSN:2320-7817(P)	2320-964X(O)	2022-23
16	Shreyash. S. Padmawar, Amol. V. Sawale, Dattahari. N. Dhage And Janvi. A. Fadnis	Modern Method Of Drug Delivery Across Blood Brain Barrier	World Journal Of Biology Pharmacy And Health Sciences, 2023, 14(02), 015–027	2022-23
17	Ashwini M Khiratkar, Amol V Sawale, Swati A Telmore	A Review On: Recent Advances In Microneedle Drug Delivery System	International Journal Of Scientific Development And Research (IJSDR) **ISSN: 2455-2631** April 2023 IJSDR		2022-23

			Volume 8 Issue 4	
18	Yash R. Mahatme , Vivekkumar D. Rathod, Shiwani A. Gulhane And Sakshi S. Gahukar	Pharmacological Activities Of Pea (*Pisum Sativum*): A Review	Int. J. Of Life Sciences, 2023; 11 (1): 73-77 ISSN:2320-7817(P)	2320-964X(O)	2022-23
19	Aniket K Akolkar, Dr. Anjali Wankhade, Nikhil S Wagh	A Review On Ocimum Gratissimum	International Journal Of Innovative Research In Technology Volume 9 Issue 8 Issn: 2349-6002	2022-23
20	Mr. Nikhil S Wagh, Dr. Anjali M Wankhade, Mr. Aniket K Akolkar, Vaishnavi S Balinge, Vedanti S Nalkande, Vaishanavi U Kale	A Review: Solubility Enhancement Techniques By Co.Crystallization	International Journal Of Creative Research Thoughts (IJCRT) Volume 11, Issue 1 January 2023 ISSN: 2320-2882	2022-23
21	Swati A. Telmore, Ashwini M. Khiratkar And Vijay M. Waghulkar	A Research On: Formulation And Evaluation Of Herbal Mouthwash	World Journal Of Pharmaceutical Research ISSN 2277– 7105 Volume 12, Issue 9, 1696-1716.	2022-23
22	Vaishnavi S Honale, Shraddha D Muneshwar, Amol V Sawale	Formulation And Evaluation Of Oral Soft Jelly Containing Salbutamol Sulphate For The Treatment Of Asthma	Journal Of Drug Delivery & Therapeutics. ISSN: 2250-1177 2023; 13(6):118-124	2022-23
23	Vidhi Sunil Jajoo, Dnyaneshwar S. Shrirame, Amol V. Sawale, Sandeep C. Atram	Formulation And Evaluation Of Transdermal Patch For The Treatment Of Migraine	Journal Of Drug Delivery & Therapeutics. ISSN: 2250-1177 2023; 13(5):47-52	2022-23
24	Vaishnavi U. Kale, Vaishnavi S. Balinge,Dr. Anjali M. Wankhade, Nikhil S. Wagh,	Review On: "Coumarins: A Unique Scaffold With Versatile Biological Behaviour"	Iajps Issn 2349-7750 2023, 10 (01), 1-7	2022-23
25	Vedanti S. Nalkande, Nikhil S. Wagh, Dr A.M Wankhade	Review On Pharmaceutical Preformulations Physiochemical Studies In Formulation And Development Of New Drug Molecules	International Journal For Research Trends And Innovation (Ijirt) Volume 7, Issue 12	ISSN: 2456-3315	2022-23
26	Vaishnavi S Balinge, Dr.M. Anjali M Wankhade, Vaishnavi R Kale, Nikjil. S. Wagh	Review On: "Role Of Antioxidants In Diabetes Mellitus"	Iajps 2023, 10 (01), 8-16 Issn 2349-7750	2022-23
27	Deep G. Agrawal, Divya I. Sahejwani, Amol V. Sawale	Review On: Winter Vomiting Disease (Norovirus)	International Journal Of Scientific	2022-23

			Development And Research (IJSDR) ISSN: 2455-2631 April 2023 IJSDR | Volume 8 Issue 4	
28	Shraddha D Muneshwar, Amol V Sawale, Vaishnavi S Honale, Sohan S Thipe	Current Development In Bioanalytical Sample Preparation Technique In Pharmaceuticals	International Journal Of Scientific Development And Research (IJSDR) ISSN: 2455-2631 March 2023 IJSDR | Volume 8 Issue 3	2022-23
29	Dnyaneshwar S Shrirame, Amol V Sawale , Shraddha D Muneshwar, Sohan S Thipe, Vaishnavi S Honale	Review On Lumpy Skin Disease	International Journal For Research Trends And Innovation - IJRTI.Volume 8 | Issue 3 | March-2023	2022-23
30	Swati Telmore. Ashwini Khiratkar, Vijay Waghulkar	Tomato Flu In India: A Rapid Review	International Journal For Research Trends And Innovation – IJRTI Volume 8 | Issue 3 | March-2023	2022-23
31	Devesh.S. Haramkar, Amol .V. Sawale, Dattahari. N. Dhage, Shreyash.S. Padmawar	Quality By Design Approches Towards The Development Of Analytical Method	International Journal Of Creative Research Thoughts (IJCRT) Volume 11, Issue 6	2022-23
32	Miss. Srushti S. Rodge, Dr. V.P. Wankhade	Survey Report On Digital Eye Strain (Des)	2023 Ijnrd | Volume 8, Issue 1 January 2023 | Issn: 2456-4184 | Ijnrd.Org	2022-23
33	Vedanti V. Bhivgade, Dr Vivek Paithankar	A Report On Formulation And Development Of Different Dosage Forms	Indo American Journal Of Pharmaceutical Sciences Issn : 2349-7750 Iajps 2023, 10 (01), 188-193	2022-23
34	Ishwar.P.Kokate, Dr.V. V. Paithankar, Dattahari.N.Dhage, Komal.R.Thakre	A Brief Review On: Herbal Treatment Of Parkinson's Disease	Indo American Journal Of Pharmaceutical Sciences Issn : 2349-7750iajps 2023, 10 (01), 81-99	2022-23

a) Students publications (2021-202)

1	Swapnil S. Zarkar, Amol V. Sawaale, Amit R Jaiswal	Review On ; Pulsatile Drug Delivery System	August 2021 / Ijirttt / Volume 8 Issue 3/ Issn; 2349-6002	2021 -22
2	Rohit S Tohare,Amol V Sawale ,Faisal Khan Laxmiant G. Bhattad	Review On ; Recent Advances In The Treatment Of Aids	2022 Ijrar April 2022, Volume 9,Issue 2 22348—1269,P-Issn 2349-5138	2021 -22
3	Faisal Aqif Khan, Amol V Sawale,Laxmikant G Bhattad,Vaishnavi N Chavhan	Review On; Omicron Virus	2022 Ijrar April 2022, Volume 99,Issue 2 (E-Issn 22348-1269,,P-Issn 2349-5138)	2021 -22
4	Miss.Srushti S Rodgge,Mr. Ammol V Sawale,MissRadhiika S Vighe, Miss Swatii A Telmore	XeVarient Of Omicron- New Covid 19 Tranmissible Mutants	2022 Ijnrd / Volume 7,Issue 5 May 2022 /Issn; 2456-4184/ Ijnrd.Org	2021 -22
5	Lakhan D. Baheti*, Aditya R. Pachghare, Anuja V. Deshmukh, S. C. Atram	Computer Aided Drug Development (Cadd) Process And Screening: High Throughput Screening (Hts)	Indo American Journal Of Pharmaceutical Research Issn No: 2231-6876 Vol 11 Issue 10, 2021.	2021 -22
6	Anmol V. Yaul, Gaurav J. Thakurani, Dhiraj J. Dulaniand Nishan N. Bobade	A Review Article On Anti-Fungal Nail Lacqer Using Treatment Of Nailinfection	European Journal Of Biomedical And Pharmaceutical Sciences Issn 2349-8870 Volume: 8 Issue: 9 235-239 Year: 2021	2021 -22
7	Jumde Kajal S; Bobade Nishan N; TherkarChitralekha G; NichatKetakee A; Quraishi Mohd. Vaqqas	Formulation And Evaluation Of Bucco-Adhesive Tablet Of Antidiabetic Agent.	International Journal Of Creative Research Thoughts (Ijcrt) Volume 10, Issue 5 May 2022	Issn: 2320-2882	2021 -22
8	TherkarChitralekha G., Bobade Nishan N., NichatKetakee A., Jumde Kajal S., Quraishi Mohd. Vaqqas	Development And Evaluation Of Gastro Retentive Floating Drug Delivery System For Ropinirole Hydrochloride	International Journal Of Creative Research Thoughts (Ijcrt) Volume 10, Issue 5 May 2022	Issn: 2320-2882	2021 -22
9	Daniyal Abdullah, Anmol V. Yaul And Nishan N. Bobade	Recent Advancement In Buccal Patches	World Journal Of Pharmacy And Pharmaceutical Sciences Issn 2278 – 4357 Volume 10, Issue 7, 1002-1014	2021 -22
10	Pranav Dullarwar , Mayuri	Betel leaf gel formulation	International	2021

	Savarkar, Pranav Lendhey, Mayuri Pathak, MrudulHete	in the management of antifungal and antimicrobial activity	Journal of Advances in Engineering and Management (IJAEM) Volume 4, Issue 6 June 2022, pp: 486-491 ISSN: 2395-5252	-22

Students publications (2020-2021)

1	Simran Ajani , Mr. Amit R. Jaiswal	A Review On Nanorobotics And Its Application In Advance Pharmaceutical Science	World Journal Of Pharmacy And Pharmaceutical Sciences Issn 2278 – 4357 Volume 10, Issue 8, 2165-2189	2020-21

b) College Magazine (College has In-house publication of quarterly newsletter)

VBCP-ECHO and in-house newsletter named VBCP-ECHO is circulated it cover various article and social welfare activities. The motto of this newsletter to develop skill among staff and students. This news letter is available both in print and soft copy.

Titles of the Newsletters	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)	Publisher
VBCP-ECHO	02	NA	NA	VBCP

c) Pharmacy professional activities- 2022-23

Sr. No	Title	Level	Venue	Date
1	Workshop On Intellectual Property Right(IPR)	National	Vidya bharti College of Pharmacy, Amravati	4th August 2022
2	Pharmacist Day Celebration	Institute	Vidya bharti College of Pharmacy, Amravati	25th Sept.2022
3	Webinar On Job Opportunities In Pharmacovegilance, Medical Coding ,Clinical Research And Other Fields	National	Online Vidya bharti College of Pharmacy, Amravati	25th Nov.2020
4	Pariksha Pe Charcha	National	Online, Vidya bharti College of Pharmacy, Amravati	27th Jan.2023
5	Conference On Current And Future Scope In Pharmaceutical Chemistry	National	Vidya bharti College of Pharmacy, Amravati	4th March 2023

Pharmacy professional activities- 2021-22

Sr. No	Title	Level	Venue	Date

1	Webinar On Stakeholders Of Clinical Research-A Prospective For Students	Institute	Online, Vidya bharti College of Pharmacy, Amravati	30th June 2021
2	AICTE Sponsored Conference On Current And Future Scope In Pharmacology	National	Online, Vidya bharti College of Pharmacy, Amravati	17-18 sept 2021
3	Pharmacist day Celebration	Institute	Vidya bharti College of Pharmacy, Amravati	25th Sept.2021
4	Workshop on Intellectual Property Right(IPR)	National	Vidya bharti College of Pharmacy, Amravati	8th Feb.2022

Pharmacy professional activities- 2020-21

Sr. No	Title	Level	Venue	Date
1	FDP On Digital And Online Methodology	Institute	Vidya bharti College of Pharmacy, Amravati	29-07-2020 to 4/7/2020
2	Pharmacist Day Celebration	Institute	Vidya bharti College of Pharmacy, Amravati	25th Sept.2020
3	Webinar Global Career Opportunities To Serve Health Care System	International	Online Vidya bharti College of Pharmacy, Amravati	25th Sept.2020
4	Webinar On Job Opportunities Inpharmacovegilance, Medical Coding ,Clinical Research And Other Fields	National	Online Vidya bharti College of Pharmacy, Amravati	28th Nov.2020
5	Online Workshop On Recent Trends Advances In Tablet Granulation Techniques	Institute	Online,Vidyabharti College of Pharmacy, Amravati	7h Jan. 2021
6	Conference On Recent Advances In Pharmacological Research	National	Online,Vidyabharti College of Pharmacy, Amravati	6th April 2021

Pharmacy professional activities- 2019-20

Sr. No	Title	Level	Venue	Date
1	Workshop On Pre-Campus Placement Training Program	Institute	Vidya bharti College of Pharmacy, Amravati	9th August 2019
2	Pharmacist Day Celebration	Institute	Vidya bharti College of Pharmacy, Amravati	25th Sept.2019

4.8.3 Participation in inter-institute events by students of the program of study (10)

(Provide a table indicating those publications, which received awards in the events/ conferences organized by other institutes).

Sr. no.	Name of event	State	Outside State	Achievements	TOTAL
2022-23					
1	CONFERENCE	48	--NIL--	--NIL--	

2	WORKSHOPS	03	06	--NIL--	
3	WEBNINAR	--NIL--	16	--NIL--	**201**
4	POSTER PRESENTATION/MAKING	05	--NIL--	--NIL--	
5	QUIZE COMETATION	--NIL--	07	--NIL--	
6	YOUTH FESTIVAL	24	--NIL--	--NIL--	
7	SPORTS	59	--NIL--	01	
8	BLOOOD DONATION	32	--NIL--	--NIL--	
9	GPAT	--NIL--	--NIL--	--NIL--	
2021-22					
1	CONFERENCE	--NIL--	--NIL--	--NIL--	
2	WORKSHOPS	06	02	--NIL--	
3	WEBNINAR	05	01	--NIL--	
4	POSTER PRESENTATION/MAKING	03	--NIL--	--NIL--	**41**
5	QUIZE COMETATION	05	01	--NIL--	
6	YOUTH FESTIVAL	12	--NIL--	--NIL--	
7	SPORTS	--NIL--	--NIL--	--NIL--	
8	BLOOOD DONATION	NIL	--NIL--	--NIL--	
9	GPAT	--NIL--	--NIL--	06	
2020-21					
1	CONFERENCE	NIL--	--NIL--	--NIL--	
2	WORKSHOPS	NIL--	--NIL--	--NIL--	
3	WEBNINAR	06	03	--NIL--	
4	POSTER PRESENTATION/MAKING	01	--NIL--	--NIL--	**19**
5	QUIZE COMETATION	--NIL--	01	--NIL--	
6	YOUTH FESTIVAL	NIL	--NIL--	--NIL--	
7	SPORTS	NIL	--NIL--	--NIL--	
8	BLOOOD DONATION	NIL	--NIL--	--NIL--	
9	GPAT	--NIL--	--NIL--	07	
10	OTHERS ACHIEVEMENTS	--NIL--	--NIL--	01	
2019-20					
1	CONFERENCE	01	02	--NIL--	
2	WORKSHOPS	01	--NIL--	--NIL--	
3	WEBNINAR	--NIL--	--NIL--	--NIL--	
4	POSTER PRESENTATION/MAKING	--NIL--	--NIL--	--NIL--	
5	QUIZE COMETATION	03	--NIL--	--NIL--	**12**
6	YOUTH FESTIVAL	--NIL--	--NIL--	--NIL--	
7	SPORTS	--NIL--	--NIL--	--NIL--	
8	BLOOOD DONATION	--NIL--	--NIL--	--NIL--	
9	GPAT	--NIL--	--NIL--	03	
10	OTHERS ACHIEVEMENTS	--NIL--	--NIL--	02	
TOTAL					**273**

Participation in inter-college –

a) **Achievements and prizes**

Sr. No.	Name	Title	Sports	Prize	Level	Year
1	Miss.Shivani	Khelo India Dus	Badminton	First	University	10 March

	Gulhane	ka Dum				2023
2	Miss.Shivani Gulhane	Amravati Badminton Championship	Badminton	First	District	3-4 Aug.2019
3	Mr. Lakhan Baheti	All India Assay Witting event	-	Merit	National	2019-20
4	Miss. Anuja Deshmukha	Advanced in post graduate program in clinical research and managements	-	-	-	2020-21

GPAT Qualified students (2021-22)				
Sr no.	**Name of students**	**Roll no**	**GPAT score**	**ALL India rank**
1	Kajai Zunzunwala	MR03000089	200	267
2	Mayuri Sawarkar	MR03000932	139	2613
3	Samiksha Gothane	MR03000130	152	1615
4	Sapna Nikam	MR03000723	138	2722
5	Abhishek Barahate	MR03000890	132	3343
6	Kiran Raundale	MR03000648	121	4818
GPAT Qualified students (2020-21)				
1	Nikita Khandelwal	MR03000230	220	618
2	SaurabhaGajbhiye	MR03000709	215	730
3	Pallavi Lilhare	MR03000383	183	1914
4	VaishaviLikhe	MR03000606	154	4358
5	Samiksha Sakharkar	MR03000346	170	2761
6	PrathameshSalao	MR03000767	171	2137
7	Kamraj Dhule	MR03000693	21	43439
GPAT Qualified students (2019-20)				
1	Payal Thakur	MR0302100425	152	2656
2	Shubham Wagh	MR0302100616	142	3612
3	Kamraj Dhule	MR0302100070	37	39985

Students Participation (2022-23)

a) Conference– Participation

Sr. No	Author Name	Title	Level	Venue	Date
1	Miss.Pooja	Indian	International	Department	20-22 Jan

				ofP'ceutical sciences RTMNU,Nagpur	2023
Ghonge	Pharmaceutical Congress, Nagpur				
2	Miss.Sushma Badhe	Indian Pharmaceutical Congress,Nagpur	International	Department of Pharmaceutical sciences RTMNU,Nagpur	20-22 Jan 2023
3	Mr.Yash Mahatme	Indian Pharmaceutical Congress,Nagpur	International	Department of Pharmaceutical sciences RTMNU,Nagpur	20-22 Jan 2023
4	Ku.Sakshi Gahukar	Indian Pharmaceutical Congress, Nagpur	International	Department of Pharmaceutical sciences RTMNU, Nagpur	20-22 Jan 2023
5	Ku.Shivani Gulhane	Indian Pharmaceutical Congress, Nagpur	International	Department of Pharmaceutical sciences RTMNU, Nagpur	20-22 Jan 2023
6	Mr.Harshad Khandare	Indian Pharmaceutical Congress, Nagpur	International	Department of Pharmaceutical sciences RTMNU, Nagpur	20-22 Jan 2023
7	Mr.Nikhil Mawale, Mr.Dev Pande &39 more students	Current and future scenario in Pharmaceutical Chemistry	National	Vidyabharti College of Pharmacy, Amravati	4th march 2023

Workshop Attend (2022-23)

Sr. No	Author Name	Title	Level	Venue	Date
1	Ku. Prajakta Somkumwar & 5 other students	National Intellectual Property Awareness	National	Vidyabharti College of Pharmacy,Amravati	4th August 2022
2	Mr. Rahul Bawane	Gender equality travelling film festival	State	Dr.K G Deshmukh hall,SGBAU,Amravati	3th Oct.2022
3	PranaliChandre	Gender equality travelling film festival	State	Dr.K G Deshmukh hall,SGBAU,Amravati	3th Oct.2022
4	Priyanka Hembade	Disaster prepaidness	District	SGBAU, Amaravti	4-5-march-22

Webinar Attend (2022-23)

Sr. No	Author Name	Title	Venue	Date
1	Shirin Bhuyar	Clinical embryology	Learn to upgrade and wetlab championships	17-11-2022

2	Shirin Bhuyar	Pharmacovigilance	Learn to upgrade and wetlab championships	15-10-2022
3	Shirin Bhuyar	Food microbiology	Learn to upgrade and wetlab championships	17-11-2022
4	Shirin Bhuyar	Clinical data managements	Learn to upgrade organized by DBT and NSDT	15-10-2022
5	Shirin Bhuyar	Noval cell modl for rapid screening of SARS-COV_02 infection study	Learn to upgrade and wetlab championships	15-10-2022
6	Priya Kothari	Career in clinical research and trials	Learn to upgrade organized by DBT and NSDT	19-09-2022
7	Deepak Puri	Medical lab technicians	Learn to upgrade organized by DBT and NSDT	26-09-2022
8	Shirin Bhuyar	Career in pharma research and developments	Learn to upgrade organized by DBT and NSDT	26-09-2022
9	Shirin Bhuyar	Career in clinical research and trials	Learn to upgrade organized by DBT and NSDT	19-09-2022
10	Shirin Bhuyar	PV-The career and job scope	Learn to upgrade organized by DBT and NSDT	15-10-2022
11	Shirin Bhuyar	Neutiogenomics	Learn to upgrade organized by DBT and NSDT	17-09-2022
12	Shirin Bhuyar	Career in medical devices	Learn to upgrade organized by DBT and NSDT	17-09-2022
13	Shirin Bhuyar	Career in pharmaceutical production managements	Learn to upgrade organized by DBT and NSDT	17-09-2022
14	Shirin Bhuyar	Medical lab technicians	Learn to upgrade organized by DBT and NSDT	17-09-2022
15	Shirin Bhuyar	PacBio sequencing and its application	Learn to upgrade organized by DBT and NSDT	17-11-2022
16	Shirin Bhuyar	QSAR modeling	Learn to upgrade organized by DBT and NSDT	17-11-2022

Poster presentation:

Sr. No	Author Name	Title	Level	Venue	Date
1	Harshad Khandare	IPC 72th Nagpur	International	RTMNU Nagpur	20-22-Jan-2023
2	SohanThipe	Aawishkar 2022	University	PR Pote college Amaravati	12-dec-2022
3	Nirbhaysing Suryavanshi	Aawishkar 2022	University	PR Pote college Amaravati	12-dec-2022
4	Vidhi Jajoo	Aawishkar 2022	University	PR Pote college	12-dec-2022

				Amaravati	
5	Ayushi Mishra	Aawishkar 2022	University	PR Pote college Amaravati	12-dec-2022

Quiz Competition:

Sr. No	Author Name	Title	Level	Venue	Date
1	Shradha Malpani and other 06 students.	India-the mother of democracy	National	Online	15-aug-22

Youth Festival

Sr. No	Event	No. of Participant	Level
1	Skit	06	University
2	Collage	01	University
3	Spot Photography	01	University
4	Postermaking	01	University
5	Debate	02	University
6	Quiz English	03	University
7	Light vocal Indian	02	University
8	Mehandi	01	University
9	Rangoli	01	University
10	Folk dance	01	University
11	Installation	04	University
12	Spot Painting	01	

Sports

Sr. No	Event	No. of Participant	Level
1	Badminton (Girls)	06	University
2	Badminton (Boys)	04	University
3	Cricket (Girls)	16	University
4	Cricket (Boys)	14	University
5	Volley ball (Boys)	11	University
6	Chess(Girls)	04	University
7	Chess (Boys)	04	University

Blood Donation Camp

Sr no.	Name of student	Venue	Date
1	Pranav Doifode and other 31 students	PDMC, Amaravti	19-12-22

Students Participation (**2021-22**)

Webinar Attended

Sr. No	Author Name	Title	Venue	Date
1	Ku.Payal Solanke and other 4 students	Microsoft technologies for future	Vidyabharti Mahavidyalay, Amravati	18th Jan 2022
2	Swati Telmore	Industrial Pharmacy	Online	25-sep-2021

Workshop attended

Sr. No	Name	Title	Level	Venue	Date
1	Swati Telmore	Graphic design workshop	-	Online	2021
2	Archi Agrawal	Graphic design workshop	-	Online	2021
3	RathikaVighe and other 3 students	Personality developments	District	Shri Shivaji art and commerance college amaravati	26-feb-2022
4	SohanThipe and other two students	Disaster prepaidness		SGBAU, Amaravati	4-5 march-2022

Quiz Competition

Sr. No	Name	Title	Level	Venue	Date
1	Payal Solanke and other 4 students	Bhartiya Savidhan	University	Sant Shankar Maharaj art and commerce college , Pipalkutha (online mode)	14-april-2022
2	Archi Agrawal	National; pollution control day	National	Online	4-dec-21

Poster making competition

Sr. No	Name	Title	Level	Venue	Date
1	Swati Telmore and PrajataSomkumwar	All trusted for your health	University	Online	25-sep-21
2	Swati Telmore	End enquilities	Int college	Online	10-dec-2021

Youth Festival

Sr. No	Event	No. of Participant	Level
1	Classical Dance	01	University
2	Collage	01	University
3	Spot Photography	01	University
4	Classical Instrumental solo	01	University
5	Debate	01	University
6	Western vocal solo	01	University
7	Quiz English	03	University
8	Light vocal Indian	01	University
9	Mehandi	01	University
10	Rangoli	01	University

Students Participation (**2020-21**)

Webinar Attended

Sr. No	Author Name	Title	Mode	Year
1	Priya Kothari	Re-emerging role of pharmacist in COVID global health	online	07-april-2021
2	Shradha Malpani and other 4 students	HIV/AIDS prevention and awareness activity in social media competition	online	2020-21
3	Shirin Bhuyar and priyakothari	Being assertive:freewebninar	Online	2020

Poster competition

Sr. no.	Name	Topic	Mode	year
1	Swati Telmore	Post Covid-19:confronting pandemic challenge together	Online	2020

Quiz Competition

Sr no.	Name	Topic	Mode	year
1	Prajata Somkumar	National Pollution control day quiz 2021	online	2021

Students Participation (2019-20)

Conferences participation (2019-20)

Sr. No	Author Name	Title	Level	Mode	Date
1	S. S. Gurjar	Invigorting research in pharmaceutical : reasonalble industrial; approach	International	Dadasaheb Balande college of Pharmacy, Nagpur	14-15 feb-2020
2	S. S. Gurjar	Pharacovigilance and drug safety	National	Shri.Gurudatta shikshanprasarak sanstha institute of Pharmacy, Akola	6th March 2020
3.	Priya Kothari	Pharna Vision2025	National	Online	27th Sept 2020

Workshop Attended

Sr. No	Name	Title	Level	Venue	Date
1	S. S. Gurjar	Pre-campus placement training program	-	Vidyabhari college of Pharmacy,Amravati	9 Aug.2019

Quiz Competition

Sr. no.	Name	Topic	Mode	year
1	Priya Kothari	National Pharma Quiz competition	online	22th Dec.2020
2	Shubham Bangale and Swati Telmore	Analytical techniques	online	10th May 2020
3	S.S Gurjar	Eloucation	online	3 oct.2019

CRITERION 5	FACULTY INFORMATION AND CONTRIBUTIONS	175

5. Faculty Information and Contributions (175)

(List of Faculty Members: Exclusively for the program/shared with other Programs)

For CAY 2022-2023

Name of the faculty	Qualification			Association with institute	Designation	Date of Joining the institution	Department	Specialization	Academic Research			Sponsored Research (Funded	Consultancy and Product development
	Degree (highest degree)	university	Years of Graduation						Research Paper Publication	PhD, Guidance	Faculty receiving Ph.D		
Dr. S. D Pande	Ph.D., 2007	RTM Nagpur university, Nagpur	1990	31	Principal &Professor	01/08/1992	Pharmacy	Pharmaceutics	11	04	-	-	1
Mr. J. V. Vyas	M.Pharm, 1991	RTM Nagpur university, Nagpur	1990	31	Associate Professor	16/11/1992	Pharmacy	Pharmacology	24	-	-	-	-
Dr. M. D. Game	Ph.D., 2012	SGBAU, Amravati	1987	26	Professor	1/09/1997	Pharmacy	Pharma chemistry	01	04	-	-	-
Mr. A. W. Baitule	M.Pharm, 1993	RTM Nagpur university, Nagpur	1992	28	Associate Professor	09/10/1995	Pharmacy	Pharmacognos y	02	-	-	-	-
Dr. V.P. Wankhade	Ph.D., 2014	SGBAU, Amravati	2005	16	Associate Professor	2/07/2007	Pharmacy	Pharmaceutic s	09	-	-	-	1
Mr. S.G. Jawarkar	M. Pharm,2004	MAHE, Manipal	2001	18	Assistant Professor	1/07/2005	Pharmacy	P'ceutical chemistry	16	-	-	-	-

Name	Qualification	University	Year	Experience	Designation	Date	Dept	Specialization	No.				
Mr. A. A. Deshmukh	M.Pharm, 2006	RTM Nagpur university, Nagpur	2004	16	Assistant Professor	5/12/2007	Pharmacy	Pharmacognosy	04	-	-	-	-
Mr. V.M. Waghulkar	M.Pharm, 2005	RTM Nagpur university, Nagpur	2002	16	Assistant Professor	13/08/2007	Pharmacy	Quality Assurance	07	-	-	-	-
Dr. A. M. Wankhade	PhD.,2022	SGBAU, Amravati	2002	13	Assistant Professor	1/08/2010	Pharmacy	Pharmacology	24	-	-	-	-
Dr. M. P. Jadhav	M.Pharm, 2008	SGBAU, Amravati	2006	15	Assistant Professor	21/08/2008	Pharmacy	Quality Assurance	01	-	-	-	-
Dr. V.V. Paithankar	PhD 2014	Baghwant University Ajmer	2007	14	Assistant Professor	13/07/2009	Pharmacy	Pharmacology	24	-	-	-	-
Dr. N.N. Bobade	Ph.D., 2017	SGBAU, Amravati	2006	14	Associate Professor	10/08/2009	Pharmacy	Pharmaceutics	08	-	-	-	-
Dr. S. C. Atram	Ph.D., 2022	SGBAU, Amravati	2007	13	Assistant Professor	03/08210	Pharmacy	Pharmaceutics	08	-	-	-	1
Mr. A. V. Sawale	M.Pharm, 2018	SGBAU, Amravati,	2016	05	Assistant Professor	01/08/2018	Pharmacy	Quality Assurance	09	-	-	-	-
Mr. V R Rathod	M.Pharm-2011	SGBAU, Amravati	2013	02	Assistant Professor	15/07/2020	Pharmacy	Pharmacology	1				
Miss. S P Jogdand	M.Pharm-2018	SGBAU, Amravati	2016	01	Assistant Professor	03/12/2022	Pharmacy	Pharmacognosy	1				
Mr. S S. Gurjar	M.Pharm-2022	SGBAU, Amravati	2020	06 Month	Assistant Professor	07/09/2022	Pharmacy	Pharmaceutics	2	-	-	-	-

Name of the faculty	Degree (highest degree)	university	Years of Graduation	Association with institute	Designation	Date of Joining the institution	Department	Specialization	Research Paper Publication	PhD, Guidance	Faculty receiving Ph.D	Sponsored Research (Funded	Consultancy and Product development
Miss. T. G. Malge	M.Pharm-2022	SGBAU, Amravati	2020	06 Month	Assistant Professor	03/09/2022	Pharmacy	Quality Assurance	02	-	-	-	-
Miss. S. A. Adhau	M.Pharm-2022	SGBAU, Amravati	2020	06 Month	Assistant Professor	07/09/2022	Pharmacy	Pharmaceutics	02	-	-	-	-
Mr. P. O. Gajbhiye	M.Pharm-2022	SGBAU, Amravati	2019	06 Month	Assistant Professor	03/09/2022	Pharmacy	Quality Assurance	02	-	-	-	-

For CAY m1 2021-2022

| Name of the faculty | Qualification | | | Association with institute | Designation | Date of Joining the institution | Department | Specialization | Academic Research | | | Sponsored Research (Funded | Consultancy and Product development |
	Degree (highest degree)	university	Years of Graduation						Research Paper Publication	PhD, Guidance	Faculty receiving Ph.D		
Dr. S. D Pande	Ph.D., 2007	RTM Nagpur university, Nagpur	1990	30	Principal &Professor	01/08/1992	Pharmacy	Pharmaceutics	06	04	-	-	1
Mr. J. V. Vyas	M.Pharm, 1991	RTM Nagpur university, Nagpur	1990	30	Associate Professor	16/11/1992	Pharmacy	Pharmacology	13	-	-	-	-
Dr. M. D. Game	Ph.D., 2012	SGBAU, Amravati	1987	25	Professor	1/09/1997	Pharmacy	Pharma chemistry	08	04	-	-	-
Mr. A. W. Baitule	M.Pharm, 1993	RTM Nagpur university, Nagpur	1992	27	Associate Professor	09/10/1995	Pharmacy	Pharmacognosy	-	-	-	-	-
Dr. V.P. Wankhade	Ph.D., 2014	SGBAU, Amravati	2005	15	Associate Professor	2/07/2007	Pharmacy	Pharmaceutics	08	-	-	-	-

Name	Qualification	University	Year	Exp	Designation	Date	Dept	Subject					
Mr. S.G. Jawarkar	M.Pharm,2004	MAHE, Manipal	2001	17	Assistant Professor	1/07/2005	Pharmacy	P'ceutical chemistry	13	-	-	-	-
Mr. A. A. Deshmukh	M.Pharm, 2006	RTM Nagpur university, Nagpur	2004	15	Assistant Professor	5/12/2007	Pharmacy	Pharmacognosy	-	-	-	-	-
Dr. K.B. Gabhane	Ph.D., 2016	SGBAU, Amravati	2004	15	Assistant Professor	5/12/2007	Pharmacy	P'ceutical chemistry	03	-	-	-	-
Mr. V.M. Waghulkar	M.Pharm, 2005	RTM Nagpur university, Nagpur	2002	15	Assistant Professor	13/08/2007	Pharmacy	Q.A.	06	-	-	-	-
Dr. A. M. Wankhade	PhD.,2022	SGBAU, Amravati	2002	12	Assistant Professor	1/08/2010	Pharmacy	Pharmacology	10	-	-	-	-
Dr. M. P. Jadhav	M.Pharm, 2008	SGBAU, Amravati	2006	14	Assistant Professor	21/08/2008	Pharmacy	Q.A.	04	-	-	-	-
Dr. V.V. Paithankar	PhD 2014	BaghwantUniversity Ajmer	2007	13	Assistant Professor	13/07/2009	Pharmacy	Pharmacology	10	-	-	-	-
Dr. N.N. Bobade	Ph.D., 2017	SGBAU, Amravati	2006	13	Associate Professor	10/08/2009	Pharmacy	Pharmaceutics	08	-	-	-	-
Dr. S. C.Atram	Ph.D., 2022	SGBAU, Amravati	2007	12	Assistant Professor	03/08210	Pharmacy	Pharmaceutics	11	-	-	-	-
Mr. A. V. Sawale	M.Pharm, 2018	SGBAU, Amravati,	2016	04	Assistant Professor	01/08/2018	Pharmacy	Q. A	02	-	-	-	-
Mr. S. P. Padole	M.Pharm-2009	RTM Nagpur university, Nagpur	2007	12	Assistant Professor	01/07/2020	Pharmacy	Pharmacology	-	-	-	-	-

Name of the faculty	Degree (highest degree)	university	Years of Graduation	Association with institute	Designation	Date of Joining the institution	Department	Specialization	Research Paper Publication	PhD, Guidance	Faculty receiving Ph.D	Sponsored Research (Funded	Consultancy and Product development
Mr. A. R. Jaiswal	M.Pharm-2011	Biju Patnaik University of Technology, Orissa	2001	20 Regular	Assistant Professor	9/07/2002	Pharmacy	Pharmaceutics	--	-	-	-	-
Mr. V R Rathod	M.Pharm-2011	SGBAU, Amravati	2013	01, contractual	Assistant Professor	15/07/2020	Pharmacy	Pharmacology	-				
Miss. S P Jogdand	M.Pharm-2018	SGBAU, Amravati	2016	06 month contractual	Assistant Professor	03/12/2022	Pharmacy	Pharmacognosy	-				
Dr. N. Choudhary	PhD , 2016	SRTM. Nanded,	2011	03	Assistant Professor	20/09/2019	Pharmacy	Pharmaceutics	-	-	-	-	-

For CAY m2 2020-2021

Name of the faculty	Qualification			Years of Graduation	Association with institute	Designation	Date of Joining the institution	Department	Specialization	Academic Research		Faculty receiving Ph.D	Sponsored Research (Funded	Consultancy and Product development
	Degree (highest degree)	university								Research Paper Publication	PhD, Guidance			
Dr. K. K. Tapar	Ph.D., 2008	RTM Nagpur university, Nagpur	1982	34	Professor & Principal	02/09/1987	Pharmacy	Pharmaceutics	03	01	-	-	-
Dr. S. D Pande	Ph.D., 2007	RTM Nagpur university, Nagpur	1990	29	Professor	01/08/1992	Pharmacy	Pharmaceutics	09	04	-	-	-
Mr. J. V. Vyas	M.Pharm, 1991	RTM Nagpur university, Nagpur	1990	29	Associate Professor	16/11/1992	Pharmacy	Pharmacology	04	-	-	-	-
Dr. M. D. Game	Ph.D., 2012	SGBAU, Amravati	1987	24	Associate Professor	1/09/1997	Pharmacy	Pharma chemistry	07	03	-	-	-

Name	Qualification	University	Year	Exp	Designation	Date	Dept	Specialization					
Mr. A. W. Baitule	M.Pharm, 1993	RTM Nagpur university, Nagpur	1992	26	Associate Professor	09/10/1995	Pharmacy	Pharmacognosy	-	-	-	-	-
Dr. V.P. Wankhade	Ph.D., 2014	SGBAU, Amravati	2005	14	Associat e Professor	2/07/2007	Pharmacy	Pharmaceutic s	03	-	-	-	-
Mr. S.G. Jawarkar	M. Pharm,2004	MAHE, Manipal	2001	16	Assistant Professor	1/07/2005	Pharmacy	P' ceutical chemistry	06	-	-	-	-
Mr. A. A.Deshmukh	M.Pharm , 2006	RTM Nagpur university, Nagpur	2004	14	Assistant Professor	5/12/2007	Pharmacy	Pharmacognosy	-	-	-	-	-
Dr. K.B. Gabhane	Ph.D., 2016	SGBAU, Amravati	2004	14	Assistant Professor	5/12/2007	Pharmacy	P' ceutical chemistry	03	-	-	-	-
Mr. V.M. Waghulkar	M.Pharm , 2005	RTM Nagpur university, Nagpur	2002	14	Assistant Professor	13/08/2007	Pharmacy	Q.A.	07	-	-	-	-
Miss. A. M. Wankhade	M. Pharm,2004	RTM Nagpur university, Nagpur	2002	11	Assistant Professor	1/08/2010	Pharmacy	Pharmacology	04	-	-	-	-
Miss. M. P. Jadhav	M.Pharm , 2008	RTM Nagpur university, Nagpur	2006	13	Assistant Professor	21/08/2008	Pharmacy	Q.A.	06	-	-	-	-
Dr. V.V. Paithankar	PhD 2014	BaghwantUniversity Ajmer	2007	12	Assistant Professor	13/07/2009	Pharmacy	Pharmacology	04	-	-	-	-
Mr. Sachin P Padole	M.Pharm-2009	RTM Nagpur university, Nagpur	2007	12	Assistant Professor	01/07/2020	Pharmacy	Pharmacology	-	-	-	-	-
Dr. N.N. Bobade	Ph.D., 2017	SGBAU, Amravati	2006	12	Assistant Professor	10/08/2009	Pharmacy	Pharmaceutics	07	-	-	-	-

Name	Qualification	University	Year	Experience	Designation	Date	Dept	Specialization					
Mr. S. C. Atram	M.Pharm 2009	BAMU, Aurangabad	2007	11	Assistant Professor	03/08/2010	Pharmacy	Pharmaceutics	01	-	-	-	-
Mr. A. V. Sawale	M.Pharm , 2018	SGBAU, Amravati,	2016	03	Assistant Professor	01/08/2018	Pharmacy	Q. A	07	-	-	-	-
Dr. N. Choudhary	PhD , 2016	SRTM. Nanded,	2011	02	Assistant Professor	20/09/2019	Pharmacy	Pharmaceutics	-	-	-	-	-
Mr. A. R. Jaiswal	M.Pharm-2011	Biju Patnaik University – Orissa	2001	19	Assistant Professor	9/07/2002	Pharmacy	Pharmaceutics	02	-	-	-	-
Mr. V R Rathod	M.Pharm-2011	SGBAU, Amravati	2013	06 Month , contractual	Assistant Professor	15/07/2020	Pharmacy	Pharmacology	-				

5.1. Student-Faculty Ratio(SFR)   (20)

(No of Faculty as per the sanctioned intake)

No. of UG Programs in the Department(n):   01
No. of PG Programs in the Department (m):   03

No. of Students in UG 1 Year (u1) =   66
No. of Students in UG 2 Year (u2) =   75
No. of Students in UG 3 Year (u3) =   76
No. of Students in UG 4 Year (u4) =   73
No. of Students in PG 1Year (p1) =   50

No. of Students in PG 2 Year (p1) =   47

Note:
                    (CAY) 2022-23
1) No. of Students = Sanctioned Intake + Actual admitted lateral entry
          277 = 240 +37
(The above data to be provided *considering all the UG and PG programs of the department)*
S = Number of Students in the Department
          = UG1 + PG1 + PG2+ PG3 = 277 + 31 + 33+33 = **374**
   F = Total Number of Regular Faculty Members in the Department
                    = 374 /20 = **18.7**
Student Faculty Ratio (SFR) = S/F

                    (CAY m1) 2021-2022
1) No. of Students = Sanctioned Intake + Actual admitted lateral entry

275   = 240 +35

= UG1 + PG1 + PG2+ PG3 = 275 + 31 + 32+28 = **366**

= 366 /20 = **18.3**

(CAY m2) 2020-2021

1) No. of Students = Sanctioned Intake + Actual admitted lateral entry

272   = 240 +32

= UG1 + PG1 + PG2+ PG3 = 272 + 31 + 29+16 = **348**

= 348 /20 = **17.4**

Average Student Faculty Ratio (SFR) = 18.7+18.3+17.4

= 54.4/3

Average Student Faculty Ratio (SFR) as per sanction intake= 18.1

Year	(CAY) 2022-23	(CAY m1) 2021-2022	(CAY m2) 2020-2021
U1.1	66	65	63
U1.2	75	76	74
U1.3	76	73	75
U1.4	73	74	55
UG1	290	288	267
P1.1	16	15	16
P1.2	16	16	15
PG1	31	31	**31**
P2.1	17	16	16
P2.2	15	16	13
PG2	33	32	**29**
P3.1	17	16	10
P3.2	16	12	06
PG3	33	28	**16**
PG1 + PG2 + PG3	97	91	76
Total No. of Students in the Department (S)	387 S1 = 387	380 S1 = 380	343 S1 = 343
No. of Faculty in the Department (F)	20	20	20
Student Faculty Ratio (SFR)	19.35	19	17.15
Average SFR	**SFR = (SFR1 + SFR2 + SFR3)/3 = 55.5/3 = 18.5**		

Table B.5.1

Marks to be given proportionally from a maximum of 20 to a minimum of 10

for average SFR between 15:1 to 20:1, and zero for average SFR higher than

20:1.

Note:

Minimum 75% should be Regular/ full time faculty and the remaining shall be

Contractual Faculty/Adjunct Faculty/Resource persons from industry as per

AICTE norms and standards. The contractual faculty will be considered for

assessment only if a faculty is drawing a salary as prescribed by the concerned

State Government for the contractual faculty in the respective cadre and who have

taught over consecutive 4 semesters.

5.2. Faculty Cadre Proportion (20)

The reference Faculty cadre proportion is 1(F1):2(F2):6(F3)

F1: Number of Professors required = 1/9 x Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F2: Number of Associate Professors required = 2/9 x Number of Faculty required to comply with 15:1 Student-Faculty ratio.

F3: Number of Assistant Professors required = 6/9 x Number of Faculty required to comply with 15:1

Year	Professors		Associate Professors		Assistant Professors	
	Required F1	Available	Required F2	Available	Required F3	Available
CAY (2020-21)	2	2	4	4	13	14
CAY m1 (2021-22)	2	2	4	4	13	14
CAYm2 (2022-23)	2	2	4	4	13	14
Average Numbers	RF1=2	AF1=2	RF2=4	AF2=4	RF3=13	AF3=14

$$\text{Cadre Proportion Marks} = \left[\left(\frac{AF1}{RF1} \right) + \left(\frac{AF2}{RF2} \times 0.6 \right) + \left(\frac{AF3}{RF3} \times 0.4 \right) \right] \times 10$$

Cadre Proportion Marks = 20.3

Cadre Proportion Marks $=$ 20   If AF1 = AF2= 0 then zero marks

Maximum marks to be limited if it exceeds the allocated marks

Example: Intake = 180; Required number of Faculty: 12; RF1= 1, RF2=2 and Rf3=9 Case 1: AF1/RF1= 1; AF2/RF2 = 1; AF3/RF3 = 1 Cadre proportion marks = (1+0.6+0.4) x10 = 20 Case 2: AF1/RF1= 1; AF2/RF2 = 3/2; AF3/RF3 = 8/9 Cadre proportion marks = (1+0.9 +0.3) x10 = limited to 20

5.3. Faculty Qualification (20)

FQ = 2*(10X +6Y)/F where X is no. of faculty with Ph.D., Y is no. of faculty

with M. Pharmacy, F is no. of faculty required to comply 1:15 Faculty Student ratio (no. of faculty and no. of students required to be calculated as per 5.1)

Year	X	Y	F	FQ=2*[(10X+ 6Y)/F]
2022-23 CAY	08	12	20	15.2
2021-22 CAY m1	10	10	20	16
2020-21 CAY m2	08	12	20	15.2
Average Assessment:				15.4

5.4. Faculty Retention   (20)

Item	Marks
>= 90% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	20
>= 75% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	16
>= 60% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	12
>= 50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	08
<50% of required Faculty members retained during the period of assessment keeping CAYm2 as base year	00

Sr. no.	Name of the Faculty	Date of joining	Status during Academic Year 2020-21	Status during Academic Year 2021-22	Status during Academic Year 2022-23
1	Dr. K. K. Tapar	02/09/1987	Retired	Retired	Retired
2	Dr. S. D Pande	01/08/1992	Retained	Retained	Retained
3	Mr. J.V. Vyas	16/11/1992	Retained	Retained	Retained
4	Dr. M. D. Game	1/09/1997	Retained	Retained	Retained
5	Mr. A. W. Baitule	09/10/1995	Retained	Retained	Retained
6	Dr. V.P.Wankhade	2/07/2007	Retained	Retained	Retained
7	Mr. S.G.Jawarkar	1/07/2005	Retained	Retained	Retained
8	Mr. A.A. Deshmukh	5/12/2007	Retained	Retained	Retained
9	Dr. K.B.Gabhane	5/12/2007	Retained	Not Retained	Not Retained
10	Mr. V.M.Waghulkar	13/08/2007	Retained	Retained	Retained
11	Miss. A. M. Wankhade	1/08/2010	Retained	Retained	Retained
12	Dr. M. P. Jadhav	21/08/2008	Retained	Retained	Retained
13	Dr. V.V.Paithankar	13/07/2009	Retained	Retained	Retained
14	Dr. N.N.Bobade	10/08/2009	Retained	Retained	Retained
15	Dr. S. C. Atram	03/08/ 2010	Retained	Retained	Retained
16	Mr. A. V. Sawale	01/08/2018	Retained	Retained	Retained

17	Dr. N. Choudhary	20/09/2019	Retained	Not Retained	Not Retained
18	Mr. S. P Padole	01/07/2020	Retained	Retained	Not Retained
19	Mr. A. R. Jaiswal	9/07/2002	Retained	Retained	Not Retained
20	Mr. V D Rathod	15/06/2020	Retained	Retained	Retained
21	Miss. S. P. Jogdand	03/12/2021	--	Retained	Retained
22	Mr. S S. Gurjar	07/09/2022	--	--	Retained
23	Mr. P. O. Gajbhiye	03/09/2022	--	--	Retained
24	Miss. S. A. Adhau	07/09/2022	--	--	Retained
25	Miss. T. G. Malge	03/09/2022	--	--	Retained
Number of faculty members retained			20	18	20
% Faculty members retained during the period of assessment			100%	90%	83.33%
Avg % Faculty members retained during the period of assessment keeping CAYm3 as base year			91.11%		

5.5. Innovations by the Faculty in Teaching and Learning (15)

Innovations by the Faculty in teaching and learning shall be summarized as per the following description.

Contributions to teaching and learning are activities that contribute to the improvement of student learning. These activities may include innovations including, however not limited to, use of ICT, in instruction delivery, instructional methods, assessment, evaluation and inclusive class rooms that lead to effective, efficient and engaging instruction. Any contributions to teaching and learning should satisfy the criteria:

- *The work must be made available on Institute website*

- *The work must be available for peer review and critique*

- *The work must be able to be reproduced and built on by other scholars*

The institution may set up appropriate processes for making the contributions available to the public, getting them reviewed and for rewarding. These may typically include statement of clear goals, adequate preparation, use of appropriate methods, and significance of results, effective presentation and reflective critique.

1. The conventional teaching method of 'chalk and talk' is shifted to ICT - based classroom teaching. This allowed more scope and time for interaction with students, rather than developing the concepts on the blackboard. In a few subjects, the traditional method of teaching is continued as in Mathematics, Pharmaceutical Chemistry, Pharmaceutics and

Pharmacognosy.

2. The communication technology (ICT) is fully employed for training in the language lab using software that trains the students with international trends and formats.

3. The teaching faculty is also involved in development of books, laboratory manuals and charts which facilitates the learning by students.

4. The faculty encourages the students to get experience in answering MCQ type of questions. This was beyond the curriculum for old syllabus and now implemented in new PCI syllabus so as to train the students for competitive exams, GPAT etc.

5. Tutorials are made more interactive and student-centric which facilitates the learning process.

6. Assignments on subject topics are being introduced and are self learning exercises for the students, where in the teacher acts as a facilitator. It includes instructional methods.

7. Teachers focused on group study.

8. Faculty takes efforts to develop lifelong learning attitude in students.

9. Institute conducts the Soft skill classes for personality development.

10. Conduct the Quality of laboratory experiments by teachers.

11. Weak and bright students Identification by subject teachers.

12. Pedagogical initiatives taken by the department in addition to Chalk & Talk, Lectures, Assignments, power point presentation, tutorials; -Working model/Visual charts/ videos and this material also available on our website and Eduhub.

13. Webex platform purchased for conducting the online class during Covid 19 Pandemic.

14. Google platform like Google classroom, Google form…etc, were utilized for sharing study material, assignment and conduction of examination.

SN	Year	Availability of PPT/ video	Usage	Benefit

1	2022-2023	150	Improves students' ability to apply what they learn, course content that clarifies changes in theory, novel assignments lead to increased student engagement, student publications, and/or activities that bring students from diverse backgrounds together	Learners (quantitative and qualitative), research data and analysis, or measures of change in student achievement and success rates.
2	2021-2022	130	Diagrammatic presentation is effective	Better impact to understand the concept given in subject
3	2020-2021	106	Visualizing the organ Models	This led to improvement in understanding

5.6 Faculty as participants in Faculty Development/Training Activities   (15)

A Faculty scores maximum five points for participation

☐ Participant in 2 to 5 days Workshop/Faculty Development Program: 3Points

☐ Participant >5 days Workshop/Faculty Development Program: 5points

Sr. no.	Name of the Faculty (contributing to FRP)	Max 5 per Faculty		
		2020-21	2021-22	2022-23
1	Dr. S. D. Pande	5	5	-
2	Dr. V.P. Wankhade	5	5	3
3	Mr. S.G. Jawarkar	5	5	-
4	Dr. K. B. Gabhane	-	5	-
5	Mr. A. A. Deshmukh	5	5	3
6	Dr. M. P. Jadhav	5	5	3
7	Dr. N.N. Bobade	5	5	-
8	Mr. S.C. Atram	5	5	3
9	Dr. M. D. Game	5	5	3
10	Mr. A. A. Baitule	5	5	-
11	Mr. J. V. Vyas	5	5	-
12	Dr. V. V. Paithankar	5	5	-
13	Mrs. A. M. Wankhade	5	5	3
14	Dr. N. C. Choudhary	-	-	-
15	Mr. Amol Sawale	5	5	-
16	Mr. A. R. Jaiswal	5	5	-
17	Mr. V. M. Waghulkar	5	5	-
18	Dr. K. K. Tapar	5	--	-
19	Mr. V D Rathod	--		-
20	Miss. S. P. Jogdand	--		3
21	Mr. S.S. Gurjar			3
22	Mr. P.O. Gajbhiye			-
23	Miss. S. A. Adhau			3
24	Miss. T. G. Malge			3
	Sum	80	80	30

	RF = Number of Faculty required to comply with 15:1, Student-Faculty ratio as per 5.1	20	20	20
	Assessment = 3 × Sum/(0.5 RF)	24	24	09
	Average assessment over three years (Marks limited to 15) = 58.5/3 = 19.00			

Conference and Workshops of Faculty Members

Sr. no.	Year	Conference/workshops Attended by the Faculty
1	2022-2023	39
2	2021-2022	24
3	2020-2021	33

Oral and poster presentations given by faculty

CAY 2022-2023

Sr. no.	Name of the Faculty	Title of the paper presented	Title of Conference/workshop/seminar	Dates
1	Dr. A.M. Wankhade	Anxiolytic effects of Hydroalcoholoic extract of Bacopa monneiri in a mouse model of post-traumatic stress disorder.	72th Indian Pharmaceutical Congress Held at Nagpur (MH)	20th - 22nd Jan 2023
2	Dr. M. P. Jadhav	Nuroproctective activity of Etorocoxib against Haloperinol.	72th Indian Pharmaceutical Congress Held at Nagpur (MH)	20th - 22nd Jan 2023
3	Mr. A. V. Sawale	Development and validation of RP-HPLCC method for the estimation of some novel drugs	"Current And Future Scenario In Pharmaceutical Chemistry" Organized By Vidhybharti College Of Pharmacy, Amravati In Association With Ipa.	04th March 2023
4	Mr. V. M Waghulkar	Practical Approach of QBD in Pharmaceutical Analysis Analysis	"Current And Future Scenario In Pharmaceutical Chemistry" Organized By Vidhybharti College Of Pharmacy, Amravati In Association With Ipa.	04th March 2023
5	Miss. T. G. Malge	Bioanalytical Method development and validation of HPLC method for some anti-diabetic drugs	"Current And Future Scenario In Pharmaceutical Chemistry" Organized By Vidhybharti College Of Pharmacy, Amravati In Association With Ipa.	04th March 2023

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Sr. no.	Name of the Faculty	Title of the paper presented	Title of Conference/workshop/seminar	Dates
1	Mr. V. D Rathod	Pharmacological Evaluation of Cassiatora	Current and Future Scope in Pharmacology Research	17th & 18th Sep. 2021

5.7.1. Academic Research   (10)

Academic research includes research paper publications, Ph.D. guidance, and faculty receiving Ph.D. during the assessment period.

- *Number of quality publications in refereed/SCI Journals, citations, Books/Book Chapters etc.(6)*

- *Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute(4)*

   All relevant details shall be mentioned.

Sr. no.	Year	Paper Published by the Faculty
1	2022-2023	116
2	2021-2022	100
3	2020-2021	46

(Details of Paper Publications)

Name of the faculty	Academic Research	
	Number of quality publications in refereed/ SCI Journals, citations, Books/ Book Chapter etc.	Ph.D. guided /Ph.D. awarded during the assessment period while working in the institute
	No. of Publications during the assessment period (2020-2023)	After evaluation (till the date of compliance report)
Dr. K. K. Tapar	Pub:03 Book:00	01 Student awarded Ph.D.
Dr. S. D. Pande	Pub:26 Book:00 (01 patent granted)	02 Student awarded Ph.D. 05 Students perusing Ph.D.
Dr. V. P. Wankhade	Pub:20 Book:01Chapter (01patent published)	-
Mr. S.G. Jawarkar	Pub: 35 Book:00	
Dr. K. B. Gabhane	Pub:06 Book:00	
Mr. A. A. Deshmukh	Pub:04 Book:00	
Dr. M. P. Jadhav	Pub:11 Book:00	Ph. D. awarded in Feb-2022

Dr. N. N. Bobade	Pub:23 Book:00 (01patent granted)	Ph.D. awarded in Nov-2017
Dr. S. C. Atram	Pub:20 Book:02Chapter	Ph.D. awarded in April-2022
Dr. M. D. Game	Pub:16 Book:00	02 Student awarded Ph.D. 05 Students perusing Ph.D.
Mr. A. A. Baitule	Pub:02 Book:00	
Mr. J. V. Vyas	Pub:41 Book:00	
Dr. V. V. Paithankar	Pub:38 Book:00 (01patent published)	
Dr. A. M. Wankhade	Pub:38 Book:00	Ph.D. awarded in Dec-2021
Dr. N. C. Choudhary	Pub:00 Book:00	
Mr. A. V. Sawale	Pub:18 Book:01	
Mr. A. R. Jaiswal	Pub:02 Book:00	
Mr. V. M. Waghulkar	Pub:20 Book:00	
Mr. V D Rathod	Pub:01 Book:00	
Miss. S. P. Jogdand	Pub:01 Book:00	
Mr. S. S. Gurjar	Pub:02 Book:00	
Mr. P. O. Gajbhiye	Pub:02 Book:00	
Miss. S. A. Adhau	Pub:02 Book:00	
Miss. T. G. Malge	Pub:02Book:00	

Faculty Guide to Ph.D., Students

Sr.no.	Name of the Faculty	Number of Faculty Guide Ph.D., Students		
		CAY 2022-23	CAY m1 2021-2022	CAY m2 2020-2021
1	Dr. K. K. Tapar	--	01	01
2	Dr. S. D. Pande	04	03	03
3	Dr. Mrs M. D. Game	05	03	03

Ph.D. awarded during assessment year while working in the institutes

Sr. no	Name of Faculty	Ph.D. awarded year
1	Dr. S.C. Atram	April-2022
2	Dr. M. P. Jadhao	Feb-2022
3	Dr. A. M. Wankhade	Dec-2021
4	Mr. A. W. Baitule	March-2023 (submitted)

Ph.D. awarded during the assessment year

Sr. no	Name of Faculty	Ph.D. awarded year
1	Dr. V. L. Salode	April-2022
2	Dr. Kunal bhambhar	Jan-2022

Book/ Books Chapter Publications

Sr. No.	Name of the faculty	No. of Book/ Books Chapter Publications during the assessment period (2020-2023)	Total no. of Books/ Book chapters Publications
1	Dr. V. P. Wankhade	01	02
2	Dr. S. C. Atram	01	01
3	Dr. V. V. Paithankar	-	03
4	Mr. V. M. Waghulkar	-	05
5	Mr. J V Vyas	-	02
6	Dr. N N. Bobade	-	03
7	Mr. A.V. Sawale	01	

Staff acted as resource persons/chairman in the conferences / workshop/guest lecture/Seminar outside the college

Sr. no.	Name of the Faculty	Program / attended	Sponsor/ organizer	Date
1	Dr. S. C. Atram	Delivered the Guest Lecture on" Targeted Drug delivery System''.	Dr. R. G. Gode Institute of Pharmacy- Amravati	13/11/2021
2	Dr. M. P. Jadhao	Acted as Evaluator for Regional Level Research Paper competition.	DTE Regional office Amravati and Govt. college of Pharmacy, Amravati	22/09/2022
3	Prof. J. V. Vyas	Acted as a Chairperson for "Integration of Pharmacy Practice services for The Betterment of Health care System". One day Regional level Online Conference	Govt. college of Pharmacy, Amravati.	28/09/2022
4	Dr. S. D. Pande	Delivered the Guest Lecture on" Parenteral Formulation.	G. H. Raisoni University, Amravati. School of Pharmacy, Amravati	15/10/2022
5	Dr. V. P. Wankhade	Acted as Evaluator for Inter collegiate Poster presentation competition. on the occasion of 61st National Pharmacy Week.	G. H. Raisoni University , Amravati. School of Pharmacy, Amravati	25/11/2022
6	Dr. V. P. Wankhade	Acted as Judge for Poster presentation competition. (Techelons'2023).	P.R. Pote Patil Education and welfare Trust, Amravati P.R. Pote Patil college of Pharmacy- Amravati.	17/01/2023
7	Prof. J. V. Vyas	Acted as Evaluator for Poster presentation competition. at 72th Indian Pharmaceutical Congress Held at Nagpur (MH)	72th Indian Pharmaceutical Congress Held at Nagpur (MH)	21/01/2023

8	Dr. V. P. Wankhade	Delivered the Guest Lecture on" Immunity: Definition, classification, Mechanism and Measurement of Immunity.	P. R. Patil Institute of Pharmay-Talegao	31/01/2023
9	Dr. A. M. Wankhade	Acted as Evaluator for Poster presentation competitionon the occasion of National science Day (Global science for global well being.)	Department of Physics, at Sant Gadage baba Amravati University, Amravati.	28/02/2023
10	Dr. S. C. Atram	Acted as Evaluator for Poster presentation competition on the occasion of National science Day (Global science for global well being.)	Department of Physics, at Sant Gadage Baba Amravati University, Amravati.	28/02/2023

5. 7. 2 Sponsored Research   (10)

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount (in Rupees)	Duration
Dr. K. K. Tapar and Mr. J. V. Vyas	Current and Future Scope in Pharmacology Research	Conference	AICTE	108000=00	01 YEAR

5.7.3   Consultancy (from Industry)   (10)

Name of the faculty	Project Title	Project Type Research/ Consultancy	Funding Agency	Amount (in Rupees)	Duration
Dr. S. D. Pande	Tablet Manufacturing defects and Improvement in the dissolution profile	Consultancy	A-klass Pharmaceutical pvt. Ltd Khamgaon	50000=00	06 Month
Dr. V. P. Wankhade	Solubility Enhancement of Coded Drug	Consultancy	Priest Pharmaceutical Pvt. Ltd, Amravati	30000=00	06 Month
Dr. S. C. Atram	Solubility Enhancement of Coded Drug	Consultancy	A-klass Pharmaceutical pvt. Ltd Khamgaon	35000=00	06 Month

5.7.4 Honorary Consultancy from Central/State/Local Government Organizations

(5) Research Scholars at the College as per SGBAU– Fulltime

-Nil-

5.7.5 Development activities (5)

Research and development are a continuous activity conducted by our faculty members and students are also involved in this activity. Fully furnished and well-developed Research laboratories are available to conduct the research activities. National and International journals are made available for the referencing of new research and development in the pharmaceutical sciences. Museum of anatomy and physiology, Crude drug and Pharmaceutical Marketed product prepared by students and faculty members are displayed in the corridor of ground floor.

Development Activities By Faculty In The Assessment Year

Name of Faculty	Product development	Instructional materials	Working models/ charts/ monograms
Dr. K. K. Tapar	2	-	2

Dr. S. D. Pande	2	1	3
Dr. V. P. Wankhade	2	1	2
Mr. J. V. Vyas	2	1	2
Dr. V. V. Paithankar	2	1	3
Mrs. A. M. Wankhade	2	1	3
Dr. M. D. Game	2	1	3
Dr. K. B. Gabhane	2	1	2
Mr. S. G. Jawarkar	2	1	3
Dr. N. N. Bobade	2	1	2
Mr. S. C. Atram	2	1	2
Mr. A. V. Sawale	1	1	1
Mr. V R Rathod	1	1	1
Miss. S P Jogdand	1	1	1
Mr. S S Gurjar	1	1	1
Miss. T G Malge	1	1	1

5.8. Faculty Performance Appraisal and Development System (FPADS)   (20)

Faculty of Higher Educational Institutions today has to perform a variety of tasks pertaining to diverse roles. In addition to instructions, faculty needs to innovate and conduct research for their self-renewal, keep abreast with changes in technology, develop expertise for the effective implementation of curricula. They are also expected to provide services to the hospitals/ industry and community in large for understanding and contributing to the solutions of real life problems. Another role is related to the shouldering of administrative responsibilities to co-operate with other faculty, heads-of-departments and the head of institute. An effective performance appraisal system for faculty is vital for optimizing the contribution of an individual faculty to institutional performance. The assessment is based on

   ➢ A well defined system instituted for all the assessment years

   ➢ Its implementation and effectiveness

Incentives: Teaching staff are sponsored for attending International and National conferences such as IPC, APTI, National conventions, National and International workshops. The staff regularly utilizes the opportunities. Ladies staff is allowed to have Maternity leave

(3 months). Staff pursing Ph.D. is allowed to avail on-duty leave for carrying out research works outside the college.

Professional advancement: Teaching staffs supported with chemicals, infrastructure, etc., to pursue their Ph.D dissertation work. Seven(07) teaching staff has registered for Ph.D. program. Performance based Self-Appraisal takes into account a complete evaluation. The faculty is assessed annually by the Self-Appraisal method, Peer Evaluation. The analysis is done based on the following parameters: Subject wise Results, number of seminars, conferences and QIPs attended, contribution to the college and community, books, papers and special awards is however, given top priority and this is duly communicated at personal level by the principal to the teacher. A teacher who secures more than 90% results in his/her subject is motivated by being presented with a Certificate of Appreciation. The college also encourages Faculty Self Development through upgrading education by offering full support in terms of facilities provided. Faculty participation in continuing education programs, various national and international conferences, sponsored registration and workshops is encouraged. This appraisal system has given way for further enhancement and up-gradation of their skills and knowledge.

Faculty members registered and pursuing Ph.D.

Sr. no.	Name of the faculty	Supervisor / Co-supervisor	Name of the University	Status
1	Mr. S. G. Jawarkar	Dr. M. D. Game	SGBAU, Amravati	Perusing
2	Mr. A. A. Deshmukh	Dr. S. S. Deshpande	SGBAU, Amravati	Perusing
3	Mr. A. W. Baitule	Dr. K.K. Tapar	SGBAU, Amravati	Thesis Submitted
4	Mr. J. V. Vyas	Dr. S.D. Pande	SGBAU, Amravati	Perusing
5	Mr. A. V. Sawale	Dr. M. D. Game	SGBAU, Amravati	Perusing
6	Miss. S P Jogdand	Dr. M. D. Game	SGBAU, Amravati	Perusing
7	Mr. V. M. Waghulkar	Dr. S. S. Deshpande	SGBAU, Amravati	Perusing

Excellent Subject Results in University Examination

Sr. no	Year	Number of faculty Appreciated by College
1	2021-2022	02
2	2020-2021	1
3	2019-2020	1

Award to Faculty for Research Paper / Patent Publication and presentation of Research paper in International /National conference

Sr. no	Year	Number of faculty Appreciated by College
1	2021-2022	02
2	2020-2021	01
3	2019-2020	01

5.9. Visiting/Adjunct Faculty   (5)

Adjunct faculty also includes experts from Industry, Research Organizations/Universities and other Government Organizations. Provide details of participation and contributions in teaching and learning and /or research by visiting/adjunct faculty for all the assessment years.

- Provision of visiting/adjunct faculty (1)
- Minimum 50 hours interaction in a year will result in 1 mark for that year; 1 marks x 3 years = 3marks.

Visiting faculty from industry – 03 Visiting faculty from university – 01

CAY 2022-2023

Sr. No	Name of the adjunct faculty	Parent organization	Subject	Duration and number of classes	Target audience
1	Dr. P. P. Khade	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Biostatistics/ Mathematics	2022 30 hours	B.Pharm-Istsem
2	Dr. V. P. Shegokar	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Communication Skill	2022 60 hours	B.Pharm-Istsem
3	Prof. H.S. Hole	Asst. Prof. HVPM, Engg& Technology Institute-Amravati.	Computer Application	2023 60 hours	B.Pharm-IIndsem

CAY m1 2021-2022

Sr. No	Name of the adjunct faculty	Parent organization	Subject	Duration and number of classes	Target audience
1	Dr. P. P. Khade	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Biostatistics/ Mathematics	2021 30 hours	B.Pharm-Istsem
2	Dr. V. P. Shegokar	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Communication Skill	2021 60 hours	B.Pharm-Istsem

| 3 | Prof. H.S. Hole | Asst. Prof. HVPM, Engg& Technology Institute-Amravati. | Computer Application | 2022 60 hours | B.Pharm-IIndsem |

CAY m1 2020-2021

Sr. No	Name of the adjunct faculty	Parent organization	Subject	Duration and number of classes	Target audience
1	Dr. P. P. Khade	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Biostatistics/ Mathematics	2020 30 hours	B.Pharm-Istsem
2	Dr. V. P. Shegokar	Asst. Prof. Vidyabharati Mahavidyalya, Amravati.	Communication Skill	2020 60 hours	B.Pharm-Istsem
3	Prof. H.S. Hole	Asst. Prof. HVPM, Engg& Technology Institute-Amravati.	Computer Application	2021 60 hours	B.Pharm-IIndsem

6	FACILITIES AND TECHNICAL SUPPORT	120

6. Facilities   (120)

6.1. Availability of adequate, well-equipped classrooms to meet the curriculum requirements   (20)

(*Facilities for conducting theory classes*)

The institute has adequate Facilities for conducting theory classes. For the B. Pharmacy course, for each year, one classroom is separately identified; total 06 class rooms are available. Each classroom can accommodate a minimum of 60 students. Adequate number of tube lights, fans, black board and white projection screen are provided. The above amenities ensure proper ambience for teaching-learning process. As the strength of in-take of students is 60, only one section (division) is operated. Classrooms are provided with good ventilation. Theory sessional examinations are conducted in the classrooms. Mentoring to the students is also done in the classrooms/tutorial rooms.

Tutorial room is used for handling separately for mathematics and biology class work. In addition, discussions with students who are weaker in the subject are also handled. The seminar hall is provided separately for conducting guest lectures. The auditorium hall can accommodate all the B. Pharmacy students (240) at a time, exclusively for conducting guest lectures. The details of the classrooms along with the facilities available are provided in the table below,

Class/ Tutorial	Room No.	Capacity (Per Room)	Area (Sq. M)	Rooms Equipped with
Class Room -01	S-01	75	75	I.C.T , Desks, chairs, teachers table, black board and Wi-Fi
I.C.T Class Room -01	S-02	75	75	LCD , Desks, chairs, teachers table, black board and Wi-Fi
Class Room -02	S-04	75	75	Desks, chairs, teachers table, black board and Wi-Fi
I.C.T Class Room -02	S-05	75	75	ICT, Desks, chairs, teachers table, black board and Wi-Fi
Class Room -03	S-10	75	75	ICT, Desks, chairs, teachers table, black board and Wi-Fi
Class Room –04	S-11	40	45	Desks, chairs, teachers table, black board and Wi-Fi
Class Room –05	S-13	40	45	Desks, chairs, teachers table, black board and Wi-Fi
Class Room –06	S-14	60	45	ICT, Desks, chairs, teachers table, black board and Wi-Fi

I.C.T Class Room -03	T-05	60	45	CT, Desks, chairs, teachers table, black board and Wi-Fi	
Seminar Room	F-06	50	75	State-of-art infrastructure for teaching, black board, ICT screen with sound system, chairs, podium and Wi-Fi	
Conference Hall	G-07	80	100	Virtual board, LCD, State-of-art infrastructure, chairs, toilets, electronic podium and Wi-Fi.	
Auditorium	S-07	350	295	LCD, State - of - art infrastructure , chairs, podium , change room , toilets and Wi-Fi	

6.2. Faculty rooms (10)

(Conducive sitting place)

The faculty rooms are available in adequate numbers, and each faculty is provided with an open cabin. The cabins are provided with necessary infrastructure. Counseling of the students is done in the faculty rooms and personal doubts are cleared. The details of the faculty rooms along with the facilities available are given in the table below.

Faculty Rooms	Room No.	Usage	Area (Sq. M)	Shared/ Exclusive	Number for Seating Place in Each Room
Principal's Chamber	G-01	Principal	32	Exclusive	01
Faculty Rooms	F-21	Faculties	75	Shared	16
NBA Co-ordinator	F-11	NBA Co-ordinator	10	Exclusive	01
HOD (Pharmaceutical Chemistry)	G-22	HOD - (Pharmaceutical Chemistry)	10	Exclusive	01
HOD (Pharmacology)	G-26	HOD- (Pharmacology)	10	Exclusive	01
HOD (Pharmacognosy)	G-09	HOD- (Pharmacognosy)	10	Exclusive	01

6.3. Laboratories including preparation room (wherever applicable), instrument/machine room and computer labs along with equipment and relevant facilities (60)

(Scientific Experiments Conducting/Computing facilities; availability, adequacy & effectiveness)

The facilities such as gas, water, drainage, fire extinguishers, first aid boxes, fuming cupboards (exclusively in pharmaceutical chemistry laboratories), exhaust fans, etc., are available in each laboratory. The B. Pharmacy students are allowed to use PG laboratory

facilities for sophisticated instruments like FT-IR, UV spectrophotometer, HPLC etc. The laboratory staffs works for the students. In all laboratories, excellent electrical and plumbing facilities are provided adequately. Laboratories have un-interrupted power supply using solar systems and generator in campus. The number of experiments conducted for each subject in the laboratory is followed as per the Sant Gadge Baba Amravati University, Amravati syllabus. The list of laboratories and the contents therein are tabulated below.

Lab Description	Room No.	Batch Size	Area (Sq. M)	Availability of lab manuals	Quality of Instruments	Safety measures
Pharmaceutics Lab	F-12	25	100	Available	Excellent	First aid
Pharmaceutics Lab	F-13	25	100	Available	Excellent	First aid
Pharmaceutics Preparation Room	F-14	NA	10	NA	NA	First aid
Pharmacy practice and Microbiology Lab	F-18	25	75	Available	Excellent	First aid
Pharmacy practice and Microbiology Preparation Room	F-19	NA	10	NA	NA	First aid
Aseptic Room	F-20	NA	25	NA	Excellent	First aid
Pharmaceutical Chemistry Lab	G-17	25	100	Available	Excellent	First aid
Pharmaceutical Chemistry Lab Preparation Room	G-18	NA	10	NA	NA	First aid
Pharmaceutical Chemistry Lab	G-20	25	100	Available	Excellent	First aid
Pharmaceutical Chemistry Lab Preparation Room	G-21	NA	10	NA	NA	First aid
Pharmaceutical Analysis Lab	G-10	25	100	Available	Excellent	First aid
Pharmaceutical Analysis Lab Preparation room	G-11	NA	10	NA	NA	First aid
Instrument Room	G-12	NA	35	Available	Excellent	First aid
HAP and Pharmacognosy Lab	F-08	25	100	Available	Excellent	First aid
HAP and Pharmacognosy Preparation Room	F-09	NA	10	Available	Excellent	First aid
Pharmacology Lab	G-27	25	100	Available	Excellent	First aid
Pharmacology Lab Preparation Room	G-28	NA	10	Available	Excellent	First aid
Pharmacognosy Lab	G-13	25	90	Available	Excellent	First aid
Pharmacognosy Lab Preparation Room	G-14	NA	10	Available	Excellent	First aid
Computer & Language Lab	F-05	25	75	Available	Excellent	First aid
Central Stores	G-16	NA	35	NA	NA	First aid

Animal House	G-29	NA	75	Available	NA	First aid
Pilot Plant	G-25	NA	130	Available	Excellent	First aid
Maintenance Room	F-16	NA	10	NA	NA	First aid
Balance Room	G-19	NA	20	NA	Excellent	First aid

Note: Give a separate table for Instrument room and Machine room listing all the instruments/equipment present with their make and model, existence of SOPs and Log Books for individual equipment.

The list of equipment available in each laboratory specialization-wise is given below.

INSTRUMENT ROOM	
Name of Equipment	**Make & Model**
Flourimeter Digital With 05 No Glass Test tube	Make- Elico Model No- FGCLO53F
Conductivity Meter Digital With Cell Type CCo3	Make- Elico Model No FGCLO53F
Spectrophotometer UV- visible Pc based unit. with software	Make –Shimadzu Model- UV-1601 PC
Conductivity meter	Digital model, cystronic make
Photo-flurometer	Make- Systronic Model- 151
Nephlo turbidity meter digital	Make – Systronics Model no- 132
KBR Die. 13 mm	Make – Toshin
Pellet Holder	Make & Model- Toshin
Dry Box for Storage	Make- Toshin Model- Acalic Faber
FTIR Spectrophotometer with Accessories	Make- Shimadzu Model- FTIR 8400s
Vacuum pump oil free for H.P.L.C Solvent	Make- PCI analytical Model-P C I -15
Electronic Weighing Balance	Make –OHAUS Model-AR2140,Cap:210gm,Reds-0.1gm
Fire Extinguisher	Make & Model- ABC
Colorimeter	Make- Systronic Model- Phatoelectric Digital
Electronic Balance	Make – Citizen Model- CTG302
Digital Conductivity Meter	Model- EQ-660B
"Wensar" Digital Electronic Balance	Model-ECB-300
"Equiptronics" Digital pH meter	Model-EQ-610
MACHINE ROOM	
Centrifuge machine	Model : TC-450
Oven hot Air	Make – Shital Model- SST-12
Hot plate Round 4" dia 500 w	Make & Model – Shital
Oven Hot air Thermo stat controlled	Make – Shital Model-SSI-12(45x45x45 cms)
Oven (Labhot Air) Thermostatic controlled	Make – Shital Model-SSI-12 , Thermostatic controlled

Tablet Dissolution Tester	Make – Electrolab Model- TDT-06PL
Friability Test App. with Double Drum	Make- Rajesh Chm Model- Digital RPM code: 1015 C
Tablet Disintegration Test machine	Make-kamal Industries. Model- Two basket Assembly
Tablet Friability Test machine	Make-kamal Industries Model-Double drum
Bulk Density Test Apparatus	Make-Kamal Industries Model- manual
Strip leakage Apparatus	Make-Kamal Industries
Electronic Weighing Balance	Make & Model- Ohaus Model-V31x3, cap: 3000gm, Reda-01g.
Tablet Hardness Tester	Model- Monosanto Type
Tablet Punching Machine	Model- hand Operated
Capsule Filling Machine	Model- Hand Operated 100 holes
Friability Test App.	Sonalee Traders Amravati.
Table Disintegration Test	Sonalee Traders Amravati.
Blender	Sonalee Traders Amravati.
Ball Mill	Sonalee Traders Amravati.
Distilled Water Still Plant	Model- SSi-14
Heating Mantle Multi size	Model- Cap. 50-500ml Built in Energy Regulator
Mechanical Counter	Tina Enterprises
Centrifuge	Make & Model – Remi
Tincture press	The Berar Mechanical Work
Table Counting Device	Neneel Enterprises
Collapsible Tube Filling machine	Model- Hand operated
Tube Crimping & Sealing Machine	Neneel Enterprises
Demineraliser two bed	Make & Model- Indian CA 20 V
Tablet Coating Machine	Ankit Engineering Corporation
Veego Tablet Dissolution Test Apparatus	Model-VDAT
Disintegrating test Apparatus (Double Bask)	Make & Model- Compbell
Hardness Tester	Make & Model- Monosato
Tablet Counter Device	Make & Model- Aluminium
Tablet punching Machine	Model- Single Stroke Hand Operated
Ampoule Clarity Test Apparatus Complete	Hemco Pharma Kalbadevi Road Bombay
Dispensing Balance	Model- 50 gm
Collapsible Tube Crimping Sealing Machine	Rajesh Chemical Co. Bombay
Tablet Hardness Tester	Make & Model- Pfizer Model- Physer type with dial 20 PSI SSI - 62(A)
Brookfield Viscometer	Make-Labman, Model-LMDV - 200
Rotary Evaporator	Make- Equitron, Model-Evator EV-11
PILOT PLANT	
Cadmach single stroke Tablet machine	Make - Cadmach machinery Model – SSF3
Rotary tablet machine (10stn)	
Coating pan 12" inc	Make & Model- Farma Fab
Fluid Bed Dryer (5kg)	Make & Model-Farma fab

Oscillating Granulator (lab)	Make & Model – Farma Fab
Homogenizer C Stand	Make & Model –Farma Fab
Turn Table	Make & Model-Farma Fab
S.S. Storage Tank (25 lits)	Make & Model- Farma Fab
Slat Chain Conveyer P.P Belt 6"	Make & Model- Farma Fab
Polishing pan 12 "	Make & Model- Farma Fab
Double Cone Bender 10 kg	Make & Model- Farma Fab
Blender	Mass mixer, paddle block capacity 5 Kg
Tray Dryer (6 Tray)	Make & Model-Farma Fab
Multi Mill	Make & Model – Farma Fab Model- S.S. 316 (lab)
Planetary Mixer 05 lit	Make & Model- Farma Fab
Vibro Sifter 12 "	Make & Model- Pharma Fab
Two head Bottle Washing and Brushing	Make & Model- Farma Fab
Voluntary Filling Machine	Make & Model-Farma Fab
Filter press	Make & Model- Farma Fab
Transfer Pump	Make & Model- Farm Fab
Stirrer C Stand	Make & Model-Farm Fab
S.S. Vessels (10 LITS)	MAKE & MODEL-Farm Fab
P.P. Cap. Sealing Machine	Make & Model- Pharma Fab
Double Cone Blender 5kg	Make & Model- Kamal Ind.
Capsule filling machine	Make & Model- Kamal Ind. Model- 300 capsule / operation automatic
Capsule loading machine	Make & Model- Kamal Ind. Model- 300 capsule / operation automatic
Dehumidifier	Make & Model- Kamal Ind. Model-Refrigeration type (1 tone)
Electronic Balance	Make & Model – Citizen Model- CTG302

6.4. Drug Museum   (5)

(Type & quality of collection in the museum with proper labelling and display)

The pharmaceutical museum contained the show-casing of products made by the students, solid dosage forms (tablets and capsules), different types of packing (strip / blister), granules, marketed products, injectable formulations, infusion bottles, liquid preparations for humans, aerosols, cosmetic preparations, natural crude extracts and semisolid ointments. The museum is designed with special care to highlight the displayed products and is located in the ground floor, facing to the entrance gate, which becomes visible to everyone while entering. The museum is designed to provide separate sections for various categories of products. Further, electrical points are provided to illuminate cabinet. The list of products displayed in the drug museum are given in the below table.

Anatomy - Physiology Health Education	
Sr. No	**Name of Items**
1	Human Kidney
2	Human Brain
3	Human Eye
4	Human Liver
5	Human Lung
6	Human Intestine
7	Human Spleen
8	Human Stomach
9	Human Embryo
11	Human Teeth
Pharmacognosy	
1	**Name of Crudes Drugs**
2	Smilex
3	Nutmeg
4	Kurchi
5	Valerian
6	Capsicum
7	Fennel
8	Acacia
9	Ferm
10	Celery
11	Lycopodium
12	Jatamansi
13	Aconite
14	Purging
15	Pinus Mole
16	Bahera
17	Fenugreek
18	Clove
19	Brahmi
20	Ashoka
21	Caraway
22	Linseed
23	Nux Vomica
24	Bael Fruit
Pharmaceutical Marketed Products	
1. Tablets	
1	Uncoated
2	Film Coated
3	Sugar Coated
4	Enteric Coated
5	Sustained Release
6	Reconstitute Powder
7	ORS Preparation
8	Effervescent Granules
2. Capsules	
1	Hard Gelatine
2	Soft Gelatine
3. Liquid Dosage Form	

1	Nasal Drop	
2	Eye Drop	
3	Ear Drop	
4	Syrup	
5	Liniment	
6	Lotion	
7	Elixir	
8	Emulsion	
9	Suspension	
4. Semisolid Dosage Form		
1	Medicated Creams	
2	Paste	
3	Suppositories	
4	Pessaries	
5	Gel	
5. Parenterals Products		
1	**Small Volume Parenterals**	
2	**Large Volume Parenterals**	
Cosmeceutical Product		
1. Hair Cosmetics		
1	Shampoo	
2	Dye	
3	Conditioner	
4	Eye Liner	
5	Mascara	
2. Skin Cosmetics		
1	Talcum Powder	
2	Compact Powder	
3	Lipstick	
4	Nail Polish	
5	Nail Polish Remover	
3. Spray And Deodorant		
1	Aerosol	
2	Sticks	

6.5 Medicinal Plant Garden **(5)**

(Area, demarcation, temporary/permanent arrangement, planting of plants under the shade in demarcated areas, adequacy of the plants)

Area **:** The area of the medicinal plant garden is 2500 Sq.ft in which various medicinal plants are maintained.

Demarcation : In our campus

Arrangement : Permanent

Adequacy of the plants: Adequate

Overall look and maintenance of the medicinal plant garden

- Total area of the garden 2500 Sq. ft.
- The boundary of the garden was properly demarcated.
- The medicinal plant garden is permanent and is provided with all time maintenance facility. A permanent gardener takes care about watering and other requirements.
- The medicinal plant garden has green house facility. The cultivation of medicinal plants is proper and kept based on the type of plants. Herbs, xerophytes and shrubs are provided with different locations.
- The plant density of the medicinal plants is maintained properly.

Types, varieties and number of plants, available in the garden

The Vidyabharati College of Pharmacy, Amravati is maintaining the medicinal plant garden which includes several types of herbs, xerophytes and shrubs. The garden is located in the back side of the college. The medicinal garden is managed by the faculty member (Prof A. A. Deshmukh) and two students from each class. The house keeping people, a gardener is taking care for water pouring, cleaning and providing the pesticides from time to time. The medicinal plants maintained in our garden are listed in the table given below. The plantation has made appropriately under the shade of demarcated areas (shadows of trees). All the plants are provided with name plates contains vernacular and botanical names.

Sr. No	Common Name	Biological Source
01	Gavti Chaha	Cymbopgan Flexuosus
02	Sarpgandha	Rauwolfia Serpentina
03	Samodrashok	Argyreia Speciosa
04	Arjuna	Terminalia Arjuna
05	Bael	Aegle Mormelos
06	Shendri	Bixa Orellana
06	Guggle	Commiphora Mukul
07	Karanj	Pongamia Pinnata
08	Pangra	Erythrina Alba
09	Putranjiva	Putranjiva Roxburghii
10	Ratangunj	Adenanthera Pavonina
11	Umber	Ficus Glomerata
12	Behada	Terminalia Bellerica
13	Hirda	Terminalia Chebula
14	Curry Patta	Murraya Koenigii
15	Vasaka	Adhatoda Vasica
16	Ashwagandha	Withania Somniferra
17	Adrak	Zingiber Officinale
18	Chitrak	Plambago Zeylanica
19	Lalgunja	Abrus Precatorus
20	Kalmegh	Adrographis Paniculata
21	Aloe Vera	Aloe Barbedensis

22	Paan Owa	Coleus Amboinicus
23	Sagargoti	Caesalpinia Bonducella
24	Shatavari	Asparagus Racemosus
25	Krushna Tulas	Ocimum Sanctum
26	Kapur Tulas	Ocimum Kilimandscharicum
27	Haldi	Curcuma Longa
28	Kapur Kacheri	Kaempferia Galanga
29	Kambarmodi	Vitex Negundo
30	Touch Me Not	Mimosa Pudica

6.6. Non Teaching Support (20)

6.6.1. Availability of adequate and qualified technical supporting staff for Program specific laboratories (10)

(Assessment based on the information provided in the preceding table)

For fulfillment of above criterion college has sufficient technical staff as per pharmacy council of India norms.

Sr. No	Name Of Technical Staff	Designation	Date of Joining	Qualification		Other Technical Skills Gained	Responsibility
				At Joining	Now		
1	Mr. D. P. Vyas	Lab Tech.	10/01/2001	D.Pharm	D.Pharm	Attended skill development programs for First aid, Fire fighting, Chemical reagent preparations.	1.Preparation of required reagents. 2.Maintenance of equipment and instruments. 3.Maintain stock registers. 4.Keep the lab neat and clean
2	Mr. Virendra Thakur	Lab Tech.	01/01/2008	B.Sc	B.Sc	-	1. Preparation of required reagents. 2. Maintenance of equipment and instruments. 3. Maintain stock registers. 4. Keep the lab neat and clean.

3	Mr.A.P. Jadhao	Lab Tech. & Data Operator	01/01/2008	B.Sc	B.Sc	Received MSCIT certificate and gained competence in Marathi typing.	1.Uploading and 1processing of data to various apex bodies. 2. Maintenance of equipments of Computer Laboratory. 3. Maintaining stock registers and internet usage logbook. 4. Keeping the lab neat and clean. 5.Providing assistance in conduction of practicals and handling of Computer equipments.
4	Miss.Nikita Marodkar	Lab.Technician	1/8/2019	D.Pharm	D.Pharm	Attended skill development programs for First aid, Fire fighting, Chemical reagent preparations.	1.Preparation of required reagents. 2.Maintenance of equipments and instruments. 3.Maintenance of stock registers. 4.Providing assistance in conduction of practicals and handling of instruments.
5	Mr. Nikhil Marodkar	Lab.Technician	1/8/2019	D.Pharm	D.Pharm	Attended skill development programs for First aid, Fire fighting, Chemical reagent preparations.	1.Preparation of required reagents. 2.Maintenance of equipments and instruments. 3.Maintenance of stock registers. 4.Providing assistance in conduction of practicals and handling of instruments.

6.6.2. Incentives, skill upgrade, and professional advancement   **(10)**

(Assessment based on the information provided in the preceding table)

For skill up gradation and professional advancement of the Non- Teaching staff, the college conducted various seminars, demonstrations and training sessions as follows:

Sr. No	Year	Date	Title
1	2022-23	03/10/2022	Workshop on Computer Literacy
		16/02/2023	Workshop On Laboratories Gas Safety & Its Awareness
2	2021-22	31/08/2021	Workshop On Fire Fighting
3	2020-21	24/12/2020	Seminar on New Education Policy
4	2019-20	09/08/2019	Workshop on Fire fighting.
		16/03/2020	Workshop on Preparation of sanitizer

7	CONTINIOUSE IMPROVEMENT	75

7.1. Improvement in Success Index of Students without backlog   (15)

Govt. of Maharashtra State conducts MHCET every year for 10+2 students. Students get admission into B. Pharmacy course based on MHCET and NEET rank, admits 60 students as per PCI, AICTE, Govt. of Maharashtra State and SGBAU Amravati norms and regulations. Vidyabharti College of Pharmacy (VBCP) is going for the second cycle of NBA accreditation. Our institute has renowned faculty, very Good infrastructure and our college gets the bright students. Moreover our faculty strives hard in teaching the students by various approaches such as regular classes with audio- visual aids, tutorial class, remedial classes, mentoring system and other co- and extra-curricular activities. All these collective efforts has lead to the improvement of success index year by year, as depicted in the following table

Item	LYG (2021-22)	LYGm1 (2020-21)	LYGm2 (2019-20)
Number of students admitted in the corresponding First Year with lateral entry second year students	68	67	66
Number of students who have graduated without backlogs in the stipulated period	22	13	10
Success index (SI)	0.32	0.19	0.15

Average SI= 0.66/3=0.22   Success rate =0.22 x 30 = 6.6

SI= (Number of students who graduated from the program without backlog) / (Number of students admitted in the first year of that batch and admitted in 2nd year via lateral entry)

Assessment shall be based on improvement trends in success indices. Marks are awarded accordingly.

7.2. Improvement in Placement and Higher Studies (15)
Assessment is based on improvement in:
- Placement: number, quality placement, core industry, pay packagesetc.

- Higher studies: performance in GPAT etc., and admissions in premierinstitutions

Items	LYG (2021-22)	LYGm1 (2020-21)	LYGm2 (2019-2020)
Placement index (From 4.7)	0.86	0.84	0.76

7.3.   Improvement in the API of the FinalYearStudents   (10)

In addition to the information provided above, our faculty educates students in a well planned manner by organizing guest lectures, workshops, seminars, industry- institute interaction, Students and staff are encouraged to attend National and International conferences, personality development programs and summer projects. The following table provides the outcome of improvement in academic performance of students at VBCP.

Academic Performance Index = ((Mean of Final Year Grade Point Average of all successful Students on a 10 point scale) or (Mean of the percentage of marks of all successful students in Final Year/10)) x (successful students/number of students appeared in the examination)

Successful students are those who passed in all the final year courses

Academic Performance	CAY*m*1 (2021-22)	CAY*m*2 (2020-21)	CAY*m*3 (2019-20)
Mean of CGPA or Mean Percentage of all successful students (X)	75	89	68
Total no. of successful students (Y)	68	55	84
Total no. of students appeared in the examination (Z)	74	55	85
API = x* (Y/Z)	6.9	8.9	6.7

7.4.   Improvement in the quality of students admitted totheprogram   (15)

Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Biology /Mathematics in 12th Standard and percentage marks of the lateral entry students.

Items		CAY (2021-2022)	CAYm1 (2020-2021)	CAYm2 (2019-2020)
National Level Entrance Examination (NEET)	No. of students admitted	03	03	06
	Opening Score / Rank	89.35	87.24	86.86
	Closing Score / Rank	64.87	77.58	44.76
State / University / Level Entrance examination Others (Name of the Entrance Examination) (MH-CET)	No. of students admitted	65	58	56
	Opening Score / Rank	97.48	96.26	98.21
	Closing Score / Rank	6.35	16.40	0.85
Name of the Entrance Examination for	No. of students admitted	13	14	08

Lateral Entry or Lateral Entry details	Opening Score / Rank	95.50	98.20	86.20
	Closing Score / Rank	88.30	63.90	79.10
Average CBSE / Any other Board Result of admitted students (Physics, Chemistry & Math)		80.35	59.91	61.39

7.2. Improvement in the quality of students admitted to the program (15)

Assessment is based on improvement in terms of ranks/score in qualifying state level/national level entrances tests, percentage marks in Physics, Chemistry and Biology /Mathematics in 12th Standard and percentage marks of the lateral entry students.

Items		CAY (2021-22)	CAYm1 (2020-21)	CAYm2 (2019-20)	CAYm-1 (2022-23)
National Level Entrance Examination (NEET)	No. of students admitted	03	03	06	11
	Opening Score / Rank	89.35	87.24	86.86	97.96
	Closing Score / Rank	64.87	77.58	44.76	77.28
State / University / Level Entrance examination Others (Name of the Entrance Examination) (MH-CET)	No. of students admitted	62	58	56	52
	Opening Score / Rank	97.48	96.26	98.21	97.99
	Closing Score / Rank	6.35	16.40	0.85	8.91
Name of the Entrance Examination For Lateral Entry or Lateral Entry details	No. of students admitted	13	14	08	10
	Opening Score / Rank	95.50	98.20	86.20	88.50
	Closing Score / Rank	88.30	63.90	79.10	54.70
Average CBSE / Any other Board Result of admitted students (Physics, Chemistry & Math)		80.35	59.91	61.39	75.58

7.3. Actions taken based on the results of evaluation of each ofthePOs (20)

Identify the areas of weaknesses in the program based on the analysis of evaluation of POs attainment levels. Measures identified and implemented to improve POs attainment levels for the assessment years. Actions to be written as per table in 3.3.2.

Examples of analysis and proposed action

Sample 1- Course outcomes for a laboratory course in Pharmaceutical analysis did not measure up, as some of the laboratory instruments are not calibrated, standardized and not optimally used, as there was no laboratory work involving the use of HPLC and UV-visible

spectrophotometer.

Action taken- The practical work in Pharmaceutical analysis has been upgraded by inclusion of analytical experiments involving the use of HPLC and UV- visible spectrophotometer with the help of SOPs generated.

Sample 2- In a course on Pharmaceutics theory, student performance has been consistently low with respect to some COs as analysis of answer scripts and discussions with the students revealed that this could be attributed to a weaker course and its delivery on GMP, GLP and Drug Regulatory Affairs.

Action taken- The theory course in Pharmaceutics and its delivery has been strengthened by including specific topics on quality control and quality assurance taught by experts drawn from Industry, Academic and Drug Regulatory Authorities.

Sample 3- In a course of Bio-pharmaceutics theory and practicals, the students' performance has been low with respect to attainment of some COs as it was revealed that theory and practical component in Physical Pharmacy is weak and contributed to poor basic concepts and their applications in higherclasses.

Action taken- Extra classes were arranged for the students on the emphasis of the basic concepts in physico-chemical properties like PKA, Partition Coefficient, Biopharmaceutical Classification System (BCS) and other terms.

POs Attainment Levels and Actions for improvement – CAYm1 (2021-2022)

Pos	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.			
PO1	2.00	2.81	Very Good
Action taken- Guest Lecture on "Quantitative structure-activity relationship" was conducted by Dr. P. R. Murumkar, Prof. M.S. University, Vadodara on 4th March 2023			
PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.			
PO2	2.00	2.90	Very Good

Action taken-Workshop on "HOW TO PREPARE Yourself for a Career in pharmaceutical" was conducted by Mr. Ravindra V. Bhattad , Sr. Manager, Sun Pharma Vadodara on 30[th]August 2022

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

PO3	2.00	2.88	Very Good

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	2.00	2.92	Very Good

Action taken- Guest Lecture on "Use of Modern Tools Community Pharmacy for Customer Relation Management" was conducted by Mr. Piyush Techwani, Proprietor Techwani Medical, Paratwada on 21[st]Jan 2023

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	2.00	2.93	Very Good

Action taken- Guest Lecture on "Career in Sales" was conducted by Mr. Rahul Dalwani, Sales Executive, Sun Pharma, Vadodara on 21[st]Jan 2023

PO6: Professional Identity: Understand, analyses and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	2.00	2.88	Very Good

Action taken- National Webinar on "Job Opportunities in Pharmacovigilance, Medical Coding, clinical Research and other fields for pharmacy students" was conducted by Mr. Meher Tundulwar, Director, Race Academy 25[th]Nov 2022

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

PO7	**2.00**	**2.90**	**Very Good**

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.			
PO8	2.00	2.90	Very Good

Action taken- Guest Lecture on "Soft Skill Development" was conducted by Dr. Pallavi Mandavagade, HOD, Management Studies, VBSM, Amravati. on 21st Jan 2023

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.			
PO9	2.00	2.94	Very Good

Action taken- Guest Lecture on "Motivational Session by Successful Entrepreneur" was conducted by Mr. Atul Kolhe, Sales Executive, Sun Pharma, Vadodara on 15th Oct 2023

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.			
PO10	2.00	2.92	Very Good

Action taken- Guest Lecture on "Recent Advances and concept of the environmentally friendly design of chemical products and processes in Green Chemistry" was conducted by Dr. P. M. Sable, Director of BOE, RTMNU, Nagpur on 4th March 2023

PO11: Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.			
PO11	2.00	2.78	Very Good

Action taken- Guest Lecture on "IPR Patent Design And Process" was conducted by Mr. Bharat N. Suryawanshi Examiner Patent And Desidn RGNIIPM, Nagpur 4st Aug 2022

POs Attainment Levels and Actions for improvement – CAYm2 (2020-2021)

Pos	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.			
PO1	2.00	2.93	Very Good

Action taken- Guest Lecture on "Immunity: Mechanism and measurements of immunity" was conducted by Dr. S. R. Gulhane, Director, Samruddhi Microbiology Laboratory Ltd. Amravati on 18th October 2021

PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO2	2.00	2.98	Very Good

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

PO3	2.00	2.99	Very Good

Action taken- Guest Lecture on "Scope in Pharma Sales & Marketing" was conducted by Mr. Shubham R. Mantri, Cancer Care Specialist - (Mumbai), Glenmark Pharmaceuticals Ltd, Mumbai on Thursday, 14th October 2021

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	2.00	2.98	Very Good

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	2.00	3.00	Very Good

Action taken- Guest Lecture on "Profile Building for Young Professional" was conducted by Mr. Pratik Baheti, Electronics Design Engineer, INVENTINDIA PVT LTD, Ahmedabad on Monday, 11th October 2021

PO6: Professional Identity: Understand analyses and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	2.00	2.98	Very Good

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

PO7	2.00	3.00	Very Good

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

PO8	2.00	2.97	Very Good

Action taken- Guest Lecture "Career Guidance, GPAT Exam Preparation & Development of Soft Skill" was conducted by Mr. Peeyush Jaiswal, Mentor-Director GPAT Guidance Centre Bilaspur , Chhattisgarh on Saturday,12th March 2022

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

PO9	2.00	3.00	Very Good

Action taken- Online Workshop on "Intellectual Property Rights (IPR) - Patent, Design & Process" was conducted by Miss. Pooja Vishal Maulikari, examiner of Patents and Designs, RGNIIPM, Nagpur on Monday, 8th Feb 2022

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO10	2.00	3.00	Very Good

PO11:Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.

PO11	2.00	2.89	Very Good

POs Attainment Levels and Actions for improvement – CAYm2 (2019-2020)

Pos	Target Level	Attainment Level	Observations
PO1: Pharmacy Knowledge: Possess knowledge and comprehension of the core and basic knowledge associated with the profession of pharmacy, including biomedical sciences; pharmaceutical sciences; behavioral, social, and administrative pharmacy sciences; and manufacturing practices.			

PO1	2.00	2.75	Very Good

Action taken-1. National Webinar for "Job Opportunities in Pharmacovigilance, Medical Coding , Clinical Research and other Fields after B. Pharm and M. Pharm " was conducted by Mr. Meher Tundulwar , Director, Royal Academy of Career Excellence, Mumbai, Mr. Aryan Neogi , Head Strategic Partnership Jehangir Clinical Development Centre, Pune and Ms. Varsha Kaushik , Senior Pharmacovogilace Specialist, Cognizant on 28th November 2020

2. Lecture on "The concept of modern organic synthesis" was conducted by Ms. Sonali Gadge, Assistant Proff. P. R. Patil institute , Talegaon on 5th November 2020

PO2: Planning Abilities: Demonstrate effective planning abilities including time management, resource management, delegation skills and organizational skills. Develop and implement plans and organize work to meet deadlines.

PO2	2.00	2.75	Very Good

PO3: Problem analysis: Utilize the principles of scientific enquiry, thinking analytically, clearly and critically, while solving problems and making decisions during daily practice. Find, analyze, evaluate and apply information systematically and shall make defensible decisions.

PO3	2.00	2.70	Very Good

Action taken - Guest Lecture on "Rational drug Therapy " was conducted by Dr. Sailesh Kewatkar, Rajashree Sahu College of pharmacy, Buldhana on 10th October 2020

PO4: Modern tool usage: Learn, select, and apply appropriate methods and procedures, resources, and modern pharmacy-related computing tools with an understanding of the limitations.

PO4	2.00	2.70	Very Good

Action taken-1. Guest lecture on "Pharmacophore development and virtual screening using Schrondinger software" was conducted by Dr. Anwar Shaikh Professor and HOD of Pharamaceutical chemistry, Allana college of pharmacy, Pune on 20thjune 2**020.**

2. Guest Lecture on "Advances in chemical and biological methods to identify microorganism " was conducted by Dr. S. R. Gulhane, Director, Samruddhi Microbiology Laboratory Ltd. Amravati on 7th October 2020

PO5: Leadership skills: Understand and consider the human reaction to change, motivation issues, leadership and team-building when planning changes required for fulfillment of practice, professional and societal responsibilities. Assume participatory roles as responsible citizens or leadership roles when appropriate to facilitate improvement in health and well-being.

PO5	2.00	2.75	Very Good

Action taken- Guest Lecture On "Careers in Pharma Management" was delivered by Prof. Ulhas Karkhanis, ES's Management College and Research centre, Mumbai on 8th September 2020 to develop the Leadership skills.

PO6: Professional Identity: Understand analyses and communicate the value of their professional roles in society (e.g. health care professionals, promoters of health, educators, managers, employers, employees).

PO6	2.00	2.68	Very Good

Action taken- Guest lecture on "How to write analysis and interpretation data of practical" was conducted by Dr. Vaibhav Adhau assistant Prof. DRGCOP Malkapur, Maharashtra on 2nd November 2020

PO7: Pharmaceutical Ethics: Honor personal values and apply ethical principles in professional and social contexts. Demonstrate behavior that recognizes cultural and personal variability in values, communication and lifestyles. Use ethical frameworks; apply ethical principles while making decisions and take responsibility for the outcomes associated with the decisions.

PO7	2.00	2.74	Very Good

Action taken- One day National Conference was organized on "Recent Advances in Pharmacological research" was conducted by Vidyabharti college of Pharmacy on 6th April 2021. Four Eminent Speakers spoke on various topic 1. Dr. Satish Sadana, Amity Institute of Pharmacy , Haryana 2. Dr. N. Ganesh Head and Senior Scientist, JN Cancer hospital, Bhopal. 3.Mr. Sanjay Kabra, DirectorGlobal Services Center, Novetech ,Banglore. 4. Dr. Vaibhav Tiwari, Principal,SIPSS, Bhilai, Chattisgarh

PO8: Communication: Communicate effectively with the pharmacy community and with society at large, such as, being able to comprehend and write effective reports, make effective presentations and documentation, and give and receive clear instructions.

PO8	2.00	2.72	Very Good

Action taken- Guest lecture on "Career opportunities in Pharmacy" was conducted by Mr. Chaitanya Gulhane, Dr. Rajendra Gode College of pharmacy, Amravati on 17th September 2020

PO9: The Pharmacist and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety and legal issues and the consequent responsibilities relevant to the professional pharmacy practice.

PO9	2.00	2.70	Very Good

PO10: Environment and sustainability: Understand the impact of the professional pharmacy solutions in societal and environmental contexts, and demonstrate the knowledge of, and need for sustainable development.

PO10	2.00	2.68	Very Good
PO11:Life-long learning: Recognize the need for, and have the preparation and ability to engage in independent and life-long learning in the broadest context of technological change. Self-assess and use feedback effectively from others to identify learning needs and to satisfy these needs on an ongoing basis.			
PO11	2.00	0.49	Need improvement
Action taken- Guest lecture on "Role of Innovative Technology in delivery of therapeutics" was conducted on 19th June2020 by Dr. Ambikanandan Misra, Director Pharmaceutical research at S.V. K. M's NMIMS Deemed to be university Mumbai.			

CRITERION 8	STUDENT SUPPORT SYSTEMS	50

8.1 Mentoring system to help at individual levels   (5)

Type of mentoring: Professional guidance/ career advancement/ course work specific/ laboratory specific/ all-round development. Number of faculty mentors, Number of students per mentor, Frequency of meeting

(Details of the mentoring system that has been developed for the students for various purposes and also states the efficacy of such system)

- Type of mentoring:
- Professional guidance / career advancement / course work specific / laboratory specific / all-round development
- Number of faculty mentors: 19
- Number of students per mentor :   20
- Frequency of meeting: weekly

The class teachers are appointed for the first to final year classes. The mentoring team consists of 19 teachers. Each faculty member is assigned a fixed number of students, right at the time of their joining of the program .i.e. approximately 20 students per mentor.

The faculty conducts periodical meeting with students in order to evaluate their academic performance and proper orientation towards the program, as well as guide them to rectify any short comings and to solve any problems.

 Following information about students is collected by individual mentors and a record i s maintained.

- Students Personal Information
- Previous Record / Type of admission
- Academic Performance
- Scholarships Received
- Co-Curricular and Extra-Curricular activities.

The mentors meet the students periodically and monitor their performance and their activities. Parent-Teacher meeting is held once in each year to brief the progress of their wards to their parents. This process has improved student academic performance, attendance and participation in co-curricular and extra-curricular activities.

Academic Mentoring at VBCP

- **Exploring options and choosing a major professional path** :

One of the great benefits of a liberal arts education is that students don't have to know what they want to study when they begin their first year.

- **Planning with a postgraduate career in mind:**

Most students with the academic credentials of those admitted to VBCP will continue with their education beyond the undergraduate level. Students who have a particular graduate degree in mind are encouraged to investigate the expectations and requirements of a handful of the top graduate programs.

- **Help along the way:**

Academic mentoring is designed to help students make the most of the many options associated with their academic experience at VBCP. Students will have many opportunities to connect with their academic mentors at various points as they think through the plentiful options at VBCP.

MENTORING PROCESS

Fifteen to Twenty students in the section are assigned to one faculty member as a Mentor and entire section is being supervised by Head Counselor. Record is maintained for each student with details as per proforma given to Mentor. The Mentor meets the students periodically and monitor their performance, activities and guide them. Occasionally meetings with parents are conducted based on requirements.

Types of Mentoring
- Academics
- Professional guidance
- Carrier advancement
- Course work
- Personal & Psychosocial guidance

A weekly counseling meeting is organized & problems faced by students are recorded & it is then resolved by the Counselor & if not then it is forwarded to Academic Head & Head of Institution.

Outcome of Mentoring System:

We observe that many students hesitate to share their problems or difficulties in class or in front of other students, due to mentoring system they share problems and ask for help on the same. Due to mentoring system students feel positive about college environment, and faculties. This attracts them towards regular classes and improvement in attendance. Moreover students are encouraged to appear for competitive exams like GPAT for M. Pharm. & CET for MBA courses and some of them pursue for higher studies.

8.2 Feedback analysis and reward / corrective measures taken, if any   (10)

Feedback collected for all courses: YES/NO Specify the feedback collection process: Percentage of students who participated: Specify the feedback analysis process: Basis of reward / corrective measures, if any: Number of corrective actions taken in the last three years:

(The institution needs to design an effective feedback questionnaire. It needs to justify that the feedback mechanism developed by the institution really helps to evaluate teaching, and finally contributes to the quality of teaching and ensure attainment of set levels for each PO)

- Feedback collected for B.Pharm :   YES

- Specify the feedback collection process: It is mentioned in method followed for student feedback collection.

- Percentage of students who participated: 60-70%

- Specify the feedback analysis process: It is mentioned in feedback analysis process

- Basis of reward/ corrective measures, if any: It is mentioned in reward / corrective measures

- Number of corrective actions taken in the last three years: Nil

Method Followed For Students' Feedback Collection

Method followed for collection of feedback

- Students' feedback format was devised after a number of discussions with the faculty and undergoes modifications as and when required.

- All students of each class are given an opportunity to express their opinion with regards to effectiveness in teaching by a teacher, which are detailed in the feedback format.

- There are always possibilities of certain students developing prejudices against a teacher if he/ she is a strict disciplinarian. This may lead to a negative impression about the teacher concerned. This factor is taken into consideration while analyzing the students' feedback.

- As a corrective measure against such prejudices, 10% of worst opinions are not considered while analyzing the feedback.

- By and large this system has been functioning well; teachers are encouraged by giving letter of appreciation.

- Students are also encouraged to share their views and suggestion with the mentor to whom they are assigned.

Design of Performa and process of feedback evaluation

- This is taken at the end of each semester in the questionnaire format.

- The feedback is analyzed and a report is generated for each faulty for every subject.

- However, the feedback is not shared with the teachers until the beginning of the following semester.

- As a corrective measure against possible prejudices, 10% of worst opinions are not considered while analyzing the feedback.

Sr. No	Description	Remarks
1	Who collects the feedback?	**Feedback committee is identified for collecting feedback.**
2	Number of feedback Items	**10**
3	Number of feedback levels	**5**
4	Space for descriptive feedback/suggestion etc.	**YES**
5	Consistency check	**YES**

6	Performance/attendance profile	YES
7	Frequency of feedback collection	**Once in a semester**
8	Feedback collection	**Hard-copy / On-line mode**
9	**Percentage of students participating**	**60-70%**

Feedback analysis process

Sr. No	Description	Remarks
1	Is this done manually?	**YES, hard copy format, On -Line mode**
2	What metrics are calculated?	**Teaching attitude, attention to learning process.**
3	What is inferred from the metrics?	**Strengths & weakness of a teaching process.**
4	How are the comments used?	**Teachers effectiveness for self awareness.** **Used for course corrections.** **To overcome weakness of teacher.** **Students expectation from teachers.**

Basis of reward / corrective measures

Actions taken:

The following actions are taken on basis of the feedback collected.

Commendatory actions

Letters of appreciation to faculty members are given who receive more than 90% in their feedback.

Corrective actions

Principal discusses the feedback with faculty member who needs improvement in teaching & the remedies are suggested. The comments are used for evaluation of overall strengths & weaknesses of the teacher pertaining to teaching & sincerity, also following points are consider for corrective actions.

1. Teachers receiving between 50-60 % in their feedback would be counseled.

2. Strict action would be taken against teachers with less than 50% in their feedback

3. Encouragement in terms of privileges

Number of corrective actions taken

Sr. No.	Year	Commendatory actions	Corrective actions
1	CAY (2022-23)	02	
2	CAYm1 (2021-22)	02	
3	CAYm2 (2020-21)	01	

8.3 Feedback on facilities (5)

(Assessment is based on feedback collection, analysis, and corrective action taken in respect of library, computing facilities, canteen, sports etc.)

Feedback committee is identified for collecting feedback. For the metrics of facilities, questionnaire were prepared and evaluated on basis of 1-5 scale, where 5 as Excellent, 4 as good, 3 as average, 2 as Below average, 1 as needs improvement. Space for descriptive feedback/suggestion was provided.

Corrective Actions:

➢ Increased in drinking water facilities

➢ Increased in sports kits

➢ Library timings are extended during examination period

➢ Increased audio visual aids.

➢ Increased the number of books in Library.

➢ Availed the Computer and Internet facility

➢ Participation of students in extracurricular activities increased.

➢ Availed the Canteen facility in campus.

8.4 Self Learning   (5)

(Specify the facilities, materials and scope for self-learning / learning beyond syllabus and creation of facilities for self-learning / learning beyond syllabus)

Scope for self learning beyond the syllabus

1. The students are encouraged to undertake self learning module. They utilize this mode for poster presentation and power point for oral presentation.

2. They are allowed to participate in intercollegiate competitions conducted at different levels like State, National, International levels in Amravati and outside.

3. The students compulsorily undertake Practice School and Project Work as per the guidelines given by PCI in B. Pharmacy VII & VIII semester respectively. This involves the collection of research materials from literature, organizing, formatting and submitting the write-ups as a report.

4. College timings are much wider than students working hours, giving students the time to consult, learn and do research.

5. Each laboratory curriculum is augmented by at least one experiment beyond curriculum supplementing the syllabus and giving additional skills.

6. Students are encouraged to utilize facilities to promote knowledge by research, while choosing the topic for project/ seminars.

In the year CAY 2022-23, CAYm1 2021-22 and CAYm2 2020-21 sixty students are allowed to undergo the process in the above activities, the teachers of concerned specialization assist and mentor.

Creation of self learning facilities and availability of materials for learning beyond syllabus

Self learning facilities- Materials

1. The computer laboratory is equipped with internet facility. It is opened to the students in self-learning module. Literature search is being attempted. Downloads are also permitted.

2. The library and information centre has been contributing for last 12 yrs for hard bound journals of national and international repute. The back volumes are available. Students also use e- library facility. Students use 'VIDYA NIKETAN' a study centre for studying in late hours in the campus.

3. The students are allowed to prepare their power-point material for oral and poster presentation.

4. The teacher expert support in the technical matter, while the computer laboratory staff helps the students in the preparation of materials (inventory).

5. For the last 3 years, report on practice school and project work is maintained.

6. The hard bound reports are available.

7. The library and information centre has excellent collection of books including handbooks which immensely facilitates the self learning by the students.

8. Accessibility to popular free access journals and resources online such as DELNET, Inventi, National Digital library etc.

The above facilities go on, not only to strengthen the teaching -learning process for the students, but also generate academic discipline, scientific attitude, innovativeness and inculcate the self-learning. The impact of self learning is that students are motivated to participate in workshops, poster presentation etc.

Training on self learning systems

Orientation programs and workshops are periodically conducted. The details of the workshops are as follows:

Dates	Course	Topic	Resource persons
08/02/2022	B. Pharmacy	Online Workshop on "Intellectual Property Rights (IPR) - Patent, Design & Process"	Miss. Pooja Vishal Maulikari, Examiner of Patents and Designs, RGNIIPM, Nagpur
06/04/2021	B. Pharmacy	One Day Virtual Conference on "Recent Advances In Pharmacological Research "	Dr. Narayanan Ganesh Dr. Satish Sardana Dr. Vaibhav Tiwari Mr. Sanjay Kabra
7/01/2021	B. Pharmacy	Recent Trends Advances in Tablet Granulation Technology	Mr. Vaishnav Dhote , Jr. Regulatory Affair Specialist, Covance Scientific Solution Pvt. Ltd,. Pune
08/09/2020	B. Pharmacy	Guest Lecture On "Careers in Pharma Management"	Prof. Ulhas Karkhanis, ES's Management College and Research centre, Mumbai
29/11/2019	B. Pharmacy	Effective Communication For Interview	Mr.Rajesh Sasane, P.R.O., Forex, Pvt. Ltd. Nagpur

The topics include

➢ Tips to learn better

➢ Tips to learn to better from lecture

➢ Tips to learn better from practical's

Evidence of self learning- Practice school and project work is an integral part of B. Pharm. Final year (VII and VIII semester) syllabus. Every student has to prepare a report on Practice school in Sem.VII and project work in sem. VIII as per guidelines given by PCI. Similarly every student has to submit report on practice school and Project work.

8.5   Career Guidance, Training, Placement   **(10)**

(Specify the facilities, its management and its effectiveness for career guidance including counseling for higher studies, campus placement support, industry interaction for training / internship / placement, etc.)

Career Guidance:

- Guest lectures are arranged for competitive exams like GPAT etc.

- Arranging personality development sessions by experts of the college on one side, and on the other by industry.

- Periodic motivational lectures by experts.

- Arrange internships with industry.

- Encouraging students to participate the motivation programs

Year	Speaker	Designation	Title
12/03/2022	Mr. Peeyush Jaiswal	Mentor-Director GPAT Guidance Centre Bilaspur , Chattisgarh	"Career Guidance, GPAT Exam Preparation & Development of Soft Skill"
14/10/2021	Mr. Shubham R. Mantri	Cancer Care Specialist - (Mumbai), Glenmark Pharmaceuticals Ltd , Mumbai	"Scope in Pharma Sales & Marketing"
28/11/2020	Mr Meher Tundulwar	Director, Royal Academy of Career Excellence, Mumbai	National Webinar for "Job Opportunities in Pharmacovigilance , Medical Coding , Clinical Research and other Fields after B. Pharm and M. Pharm "
25/09/2020	Mr. Ashwin Gurjar	Regional Head-Asia, Piramal Healthcare, Bangkok, Thailand	International Webinar- "Global Career Opportunities To Serve Health Care System"
09/08/2019	Mr. S.D. Molke	C.E.O MSCP Pharma Pvt. Ltd. Indore	Pre Campus Placement Training Program

Training: As per the 'Direction of SGBAU', it is mandatory for the students to undertake industrial training for 4 weeks in a pharmaceutical manufacturing unit. The training helps the students to understand the industrial scale operations and the use of the latest equipment

and instruments. On completion of training, the industry issues a certificate to the students for the fulfillment of degree.

Placements: In the era of globalization and industrialization, VBCP is committed to create talent among students, which would enable them an easy access to the pharmaceutical industry. Hence, VBCP is committed to invite pharma industries, CROs and allied healthcare industries for the campus placements. Through our placement cell, VBCP welcomes all the concerned industries to end their search of talent. VBCP believes that our students would surely bring laurels to their companies. Facilities are available to simultaneously conduct written test for students during Campus Placements.

The broad areas at the training and placement cell:

1. At the time of campus recruitment, it is mandatory for students to be present in the formal dress.

2. For pre-placements talks (PPT), students should be present at least 15 minutes before the scheduled time at the venue.

3. Canvassing with the company personnel may disqualify the candidature.

4. For any queries, students should contact the T&P cell only.

5. The data bank or the students profiles is maintained by the cell and campus recruitment will be done by T&P. The interested students submit their CV directly to the T&P Cell, which will be used for this purpose.

6. For any queries/problems, the students should first discuss with the T&P cell, if necessary.

7. A nice ambience is maintained by the students during the Placements/Recruitment program.

8. Our main focus is to get at least one job to the registered student. However the condition of second job will depend upon the situation and the response of the company.

9. Those students who do not wish to participate in any recruitment process, must inform to the T&P office in advance, so as to give opportunity to other students.

10. T&P coordinator has to be present throughout the recruitment process in T&P

office, for smooth conduction of interview.

Impact: The Training and placement cell is committed to provide all possible assistance to its graduates to achieve their career goals.

8.6 Entrepreneurship cell (5)

(Describe the facility, its management and its effectiveness in encouraging entrepreneurship and incubation)

Entrepreneurship cell and incubation facility: Entrepreneurship has assumed importance for accelerating economic growth in India. It promotes capital formation and creates wealth in country. It is a hope and dream of millions of individuals around the world. It reduces unemployment and poverty, and it is a pathway to prosper. Entrepreneurship is a process of exploring the opportunities in the market place and arranging resources required to exploit these opportunities for a long term gain. It is a process of planning, and organizing opportunities and assuming. Thus, it is a risk of business enterprise. It may be distinguished as an ability to take risk independently to make utmost earnings in the market. It is a creative and innovative skill and adapting response to environment.

Entrepreneurship development activities at VBCP were started in 2016 with the following aim and general competencies:

Aim:

1. Developing entrepreneurial awareness and ability in students.

2. Creating a forum for potential entrepreneurs.

3. Make aware about various government policies regarding subsidies & marketing.

General Competencies:

1. Identifying facts, processes and concepts specific to the field of social sciences and the relations among them, using concepts specific to social and humanistic sciences.

2. Use of tools specific to the social and humanistic sciences, so as to generally and specifically characterize a theoretical and a practical problem.

3. Explaining facts, phenomena and processes specific to the social sciences field, by using theoretical models.

4. Interpreting the results of an analysis, or research, and the different approaches

studied through the perspective of social sciences.

5. Realizing connections between knowledge acquired in the field of social and humanistic sciences, by applying them for evaluating and optimizing solutions intended for critical situations.

6. The Entrepreneurship Development Cell aims to improve and generate a culture of innovation and development of entrepreneurial spirit amongst the students and budding entrepreneurs and start their own enterprise. It also attempts to train and equip them with the knowledge and resources they need to build a successful business.

The following programs are organized to develop entrepreneurship skills in students and also to familiarize them with various procedures required in converting an idea into a successful business.

The entrepreneurship activities conducted at VBCP:

Date and Year	Event	Speakers
06/04/ 2021	One Day Virtual Conference on "Recent Advances In Pharmacological Research "	Dr. Narayanan Ganesh Dr. Satish Sardana Dr. Vaibhav Tiwari Mr. Sanjay Kabra
25/09/2020	International Webinar- "Global Career Opportunities To Serve Health Care System"	Mr. Ashwin Gurjar, Regional Head-Asia, Piramal Healthcare, Bangkok , Thailand
08/09/2020	Guest Lecture On "Careers in Pharma Management"	Mr. Chaitanya Gulhane, Asst. Professor,Dr. Rajendra Gode Institute of Pharmacy, Amravati
01/02/2020	Guest Lecture On " Entrepreneurship Development Awareness Program"	Mr. Pradip Ingale Project In-charge , Maharashtra Centre For Entrepreneurship Development (M.C.E.D), Amravati
25/9/2019	Opportunities Of Business in Abroad	Mr.Deepak Rathi M.D . Care And Cure Pharmaceuticals, Malkapur

Facility

The Entrepreneurship Cell is attached with the training & placement cell. All the members of the training and placement cells are available throughout the day for the students to help them

regarding starting up their own business venture. The activities are not just limited to the current students but even the alumni are encouraged to take benefits of the services offered by the cell. The institute provides facilities to train students for Pharma production through pilot plant of VBCP to develop entrepreneurship.

8.7 Co curricular and Extracurricular Activities (10)

(Specify the co-curricular and extra-curricular activities)

Vidyabharati College of Pharmacy lays stress on beyond academic activities through structured co- and extra-curricular activities integrated and spread over the entire academic year, as they have profound impact in shaping up the overall personality of a student.

1. All activities are designed as per SGBAU calendar
2. All activities are executed by the students with assistance from faculty when needed.

Co- curricular activities:

- Paper publication: Students are encouraged to publish papers of mini projects as well as review articles.

- Poster presentation: Students as well as faculty are allowed for presenting the papers in national conferences such as intercollegiate Research Festival Avishkar, IPC, APTI and international conferences.

- Conferences / seminars/guest lecturers attended by students: Students regularly attend seminars / guest lectures organized by institute from time to time throughout the academic session.

- College Magazine

An in-house newsletter named VBCP'S ECHO 'is circulated. It covers various articles, news and happenings in the institute. The motto of this newsletter is to provide and develop skills in scientific drafting among staff and students. Many students are actively involved themselves in the development of this newsletter.

VBCP'S ECHO is the newsletter of Vidyabharati College of Pharmacy and publishes three issues in a year. The newsletter briefs the events of VBCP, both in print out and soft copy versions. Hard copy version is available in the institution, while the soft copy is available in a website http://www.VBCP.org.

Titles of the magazines	CAY (2022-23)	CAYm1 (2021-22)	CAYm2 (2020-21)	Publisher
VBCP'S ECHO (News Letter)	**3**	**3**	**3**	**VBCP**

- **National pharmacy week:**

The faculty and students are regularly participating in National Pharmacy Week celebrations, under the banner of Indian Pharmaceutical Association (IPA) local branch Amravati, and the following were the activities conducted during the last year National pharmacy week (NPW).

- Generating widespread awareness/educate the public about the pharmacist and the pharmacy profession and its vital role in society.

- Creating awareness amongst various authorities and do advocacy on various fronts, so as to highlight the important role of the pharmacist in health care and well being of the people.

- Ensuring that the pharmacist is given his due role in India's health care system both private and public.

- Interacting with other health care professionals and highlight the importance and role of the pharmacist in the health care system, and move towards better coordination and working together.

- Enhancing the image of pharmacists as the medication experts and an integral part of the health care.

➢ World Pharmacist day: 25-09-2022

A rally was organized with the theme given by PCI through posters. Enhancing the image of pharmacists as the medication experts and an integral part of the health care . Guest lectures were conducted.

➢ World Pharmacist day: 25-09-2021

Guest lectures were conducted on-line mode.

➢ World Pharmacist day: 25-09-2020 (not conducted due to coved -19)

Extra-curricular activities:

Program Calendar for various Extra-curricular activities

Sr. No.	Activity	Institute / Intercollegiate Level
1.	Sports / Game	College Annual Gathering (Sports) Day - January Intercollegiate sports - September
2.	Cultural	College Annual Gathering (Cultural) - January Youth Festival- September
3.	Extracurricular Activities	NSS Camp – January/ February Teachers Day - 5th September World Pharmacist Day- 25th September Blood Donation – December

a) **Games:** The College has teams in all major games and sports. The teams participate in Institute and inter college tournaments organized by SGBAU.

1) VBCP sports day: The college conducts sports day in connection to annual day celebration

every year.

2) The list of Events and students participated in intercollegiate level organized by SGBAU are as follows.

CAY 2022-2023

Event	Number of Students participated
Badminton (Girls)	06
Badminton (Boys)	04
Cricket (Girls)	16
Cricket (Boys)	14
Volley ball (Boys)	11
Chess (Girls)	04
Chess (Boys)	04

CAYm1 2021-2022

This year 2021-2022 Inter collegiate tournaments of SGBAU for men and Women were not held due to covid -19.

CAYm2 2020-2021

This year 2020-2021 Inter collegiate tournaments of SGBAU for men and Women were not held due to covid -19.

b] Cultural Activities:

1) The college conducts annual cultural activity in connection to annual day celebration every year.

2) The list of Events and students participated in intercollegiate level organized by SGBAU are as follows.

CAY 2022-23

Event	Number Students participated
skit	06
Collage	01
Spot Photography	01
Poster making	01
Debate	02
Quiz- English	03
Light Vocal Indian	02
Mehendi	01
Rangoli	01
Folk Dance	01
Installation	04

Spot Painting	01

CAYm1 2021-2022

Event	Number of Students participated
Classical Dance	01
Collage	01
Spot Photography	01
Classical Instrument solo (Non percussion)	01
Debate	01
Western vocal solo	01
Quiz- English	03
Light Vocal Indian	01
Mehendi	01
Rangoli	01
Classical Dance	01
Collage	01

CAYm2 2020-21

This year 2020-2021 Youth Festival of SGBAU was not held due to covid -19.

c) NSS Activities:

VBCP-NSS activities make students to be socially conscious through promoting NSS functions effectively by conducting tree planting campaigns and blood donation camps. First Aid awareness programmes and AIDS awareness programmes are also organized. Engaging in social activity to bridge the gap between the fortunate and the less fortunate through empowerment is the main focus of NSS activity. NSS provides an excellent opportunity to the students who desire to serve the community and to develop interpersonal relationships and skills. The students of VBCP are associated with Vidyabharati Mahavidyalaya Amravati in the campus for such activities.

The various activities include;

- Plantation of Trees
- Road safety Awareness program
- Social Awareness Campaign
- Guest Lecture on Personality Development & Leadership

Events organized/Participated

- Conducted essay, drawing, elocution competition
- Participation of essay competition.
- Participated Inter college events.
- Attending fire safety training program

d) Blood Donation Camp: VBCP has been participating regularly in blood donation camps conducted Vidyabharati Shaikshanik Mandal Amravati in the month of December every year.

CRITERION 9	GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	100

9.1 Organization, Governance and Transparency (25)

9.1.1 Governing body, administrative setup, functions of various bodies, service Rules Procedures, recruitment and promotional policies (10)

List the governing, senate, and all other academic and administrative bodies; their memberships, functions, and responsibilities frequency of the meetings and attendance therein, participation of external members in a tabular form. A few sample minutes of the meetings and action-taken reports should be annexed.

The published rules, policies and procedures; year of publication and its implementation shall be listed. Also state the extent of awareness among the employees/students

The governance aspects are dealt and recorded by the different administrative bodies listed below which look after the governance of the organization and ensures its transparency to stake holders.

A) Governing Body (GB)

B) College Development committee(CDC)

The transparency of the procedures and code of conduct followed by the institute are made available through the following -

C) Organizational Chart

D) Rules and procedures , recruitment and Promotional policies

Governing Body: The governing body is constituted as per AICTE norms. It consists of management representatives, faculty representatives and experts from the field of industry and academia. The body mainly plays the governance part by proper planning and monitoring of utilization of resources.

The following is the composition of governing body of VBCOP for the period 2018 – 2022:

Composition of Governing Body
(2018 – 2022)

Sr. No.	Name of the Member	Designation
1.	Mr. R.D. alias Raosaheb Shekhawat (President VBSM, Amravati)	Chairman
2.	Mr.B.L.Shekhawat (Society Nominee)	Member
3.	Dr. A.D Chavhan (Society Nominee)	Member
4.	Mr. Raghunathji Rode (Society Nominee)	Member
5.	Mr. S.V. Kalikar (Educationalist from region)	Member
6.	Mr.Ashok I. Nanwani (Industrialist from region)	Member
7.	Dr.S.D.Pande (Faculty Nominee)	Member
8.	Mr. A.R. Jaiswal (Faculty Nominee)	Member
9.	Dr. F.C.Raghuwanshi (Nominee of University)	Member
10.	Nominee of D.T.E. (Director DTE)	Ex-officio Member
11.	Nominee of M.S.B.T.E. (Dy. Secretary of the region)	Ex-officio Member
12.	Nominee AICTE (Office incharge , Western region)	Ex-officio Member
13.	Dr.K.K.Tapar (Principal)	Member Secretary

Composition of New Governing Body with Effect from 08/04/2022 :

Sr. No.	Name of the Member	Designation
1.	Mr. R.D. alias Raosaheb Shekhawat (President VBSM, Amravati)	Chairman
2.	Mr.B.L.Shekhawat (Society Nominee)	Member
3.	Dr. A.D Chavhan (Society Nominee)	Member
4.	Mr. Raghunathji Rode (Society Nominee)	Member
5.	Mr. S.V. Kalikar (Educationalist from region)	Member
6.	Mr.Ashok I. Nanwani (Industrialist from region)	Member
7.	Dr.Mrs.M.D.Game (Faculty Nominee)	Member
8.	Miss.L.J.Gonsalves (Faculty Nominee)	Member
9.	Dr. Arun D.Chavhan (Nominee of University)	Member
10.	Nominee of D.T.E. (Director DTE)	Ex-officio Member
11.	Nominee of M.S.B.T.E. (Dy. Secretary of the region)	Ex-officio Member
12.	Nominee AICTE (Office incharge , Western region)	Ex-officio Member
13.	Dr.S.D.Pande (Principal)	Member Secretary

Powers and Functions of the Governing Body:

The Governing Body, besides being the supreme administrative authority of the institute, shall have the following functions:

i) To consider the important communications, policy decisions received from the MSBTE / University, Government, AICTE, PCI and other apex bodies.

ii) To make recommendations on the planning and monitoring the institute working and development.

iii) To monitor the development programs of students and faculty.

iv) Fixation of the fee and other charges that are payable by the students to the institute based on the recommendations of the Fees Regulating Authority, Govt. of Maharashtra and other regulatory authority.

V) To consider and approve the proposals for creation of infrastructure facilities such as building, equipment and learning resources on continuous basis.

VI) To study the annual planned budget of the institute and approve it with required suggestions for allocation.

VII) To analyze the audited account statements and approve the same.

Frequency of G.B. meeting:

Normally governing body meeting takes place once in a academic year or as per the requirement.

Details of dates of Governing Body Meetings held during last three years:

CAY 2021-22	CAYm1 2020-2021	CAYm2 2019-20
20/08/2021	15/06/2020	15/06/2019

B. **College Development Committee (CDC)**: The CDC comprises of management representatives and representatives of teaching and non-teaching staff which mainly look after planning and executions of the academic activities of the institute.

Composition of College Development Committee (CDC):

Sr. No.	Name of the Member	Designation
1	Mr. R.D. alias Raosaheb Shekhawat (President VBSM, Amravati)	Chairman
2	Dr. A.D Chavhan (Secretary V.B.S.M.Amravati)	Member
3	Mr. Raghunathji Rode (Treasurer, V.B.S.M.Amravati)	Member
4	Dr.S.D.Pande (H.O.D. Nominated by Principal)	Member
5	Dr.Mrs.M.D.Game (Elected member from female teaching staff)	Member
6	Mr.A.W.Baitule (Elected member from teaching staff)	Member
7	Dr.V.P.Wankhade (Elected member from teaching staff)	Member
8	Mr.L.S.Pande (Elected member from non-teaching staff)	Member
9	Mr.A.R.Jaiswal (Educationalist)	Member
10	Mr.Ashok I. Nanwani (Industrialist)	Member
11	Dr.S.M. Sakharwade (Researcher)	Member
12	Dr.Sheela Rathod (Social Worker)	Member
13	Mr.J.V.Vyas (I.D.M.C. Coordinator)	Member
14	President Student Council	Member

15	Secretary Student Council	Member
16	Dr.K.K.Tapar Principal V.B.C.P. Amravati	Member Secretary

Composition of New College Development Committee (CDC) 08/04/2022 onwards:

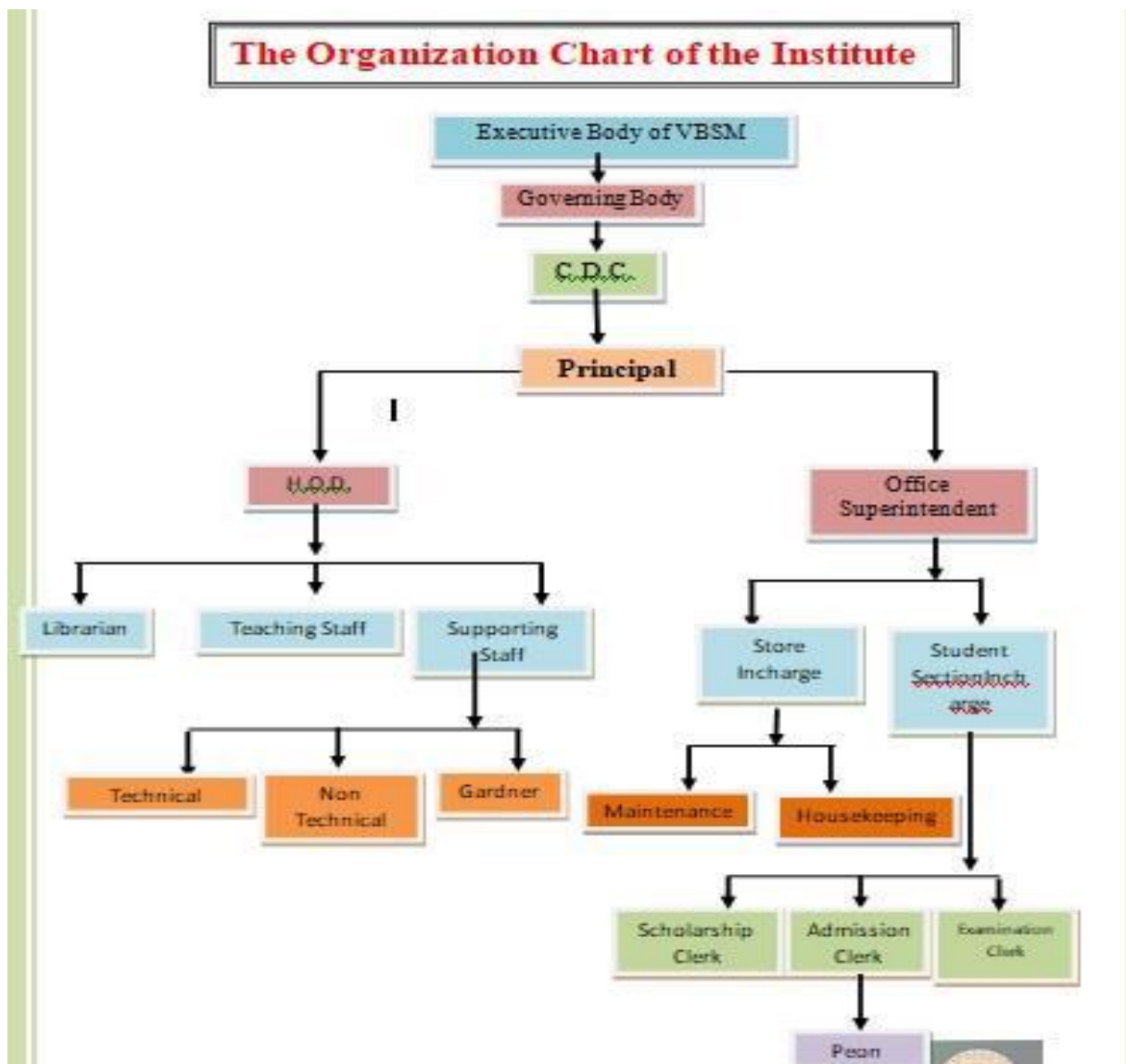| Sr. No.	Name of the Member	Designation
1	Mr. R.D. alias Raosaheb Shekhawat (President VBSM, Amravati)	Chairman
2	Dr. A.D Chavhan (Secretary V.B.S.M.Amravati)	Member
3	Mr. Raghunathji Rode (Treasurer, V.B.S.M.Amravati)	Member
4	Miss.L.J.Gonsalves (H.O.D D.Pharm.) (Nominated by Principal)	Member
5	Dr.Mrs.M.D.Game (Elected member from female teaching staff)	Member
6	Mr.A.W.Baitule (Elected member from teaching staff)	Member
7	Dr.V.P.Wankhade (Elected member from teaching staff)	Member
8	Mr.L.S.Pande (Elected member from non-teaching staff)	Member
9	Mr.A.W.Dahekar (Educationalist)	Member
10	Mr.Ashok I. Nanwani (Industrialist)	Member
11	Dr.S.M. Sakharwade (Researcher)	Member
12	Dr.Sheela Rathod (Social Worker)	Member
13	Mr.J.V.Vyas (I.D.M.C. Coordinator)	Member
14	President Student Council	Member
15	Secretary Student Council	Member
16	Dr.S.D.Pande Principal V.B.C.P. Amravati	Member Secretary

Functions of the CDC:

1. To monitor the execution of academic and other related activities of the college and to make necessary arrangement for the proper execution of academic activities.
2. To approve the syllabus content to be taught and to approve the activities to be conducted for bridging the gap of the syllabus content.
3. To monitor the development program of students and faculty and to motivate them by Institute scholarships, fellowships, medals, prizes and certificates based on the recommendations of the Internal Monitoring Committee.
4. To plan the annual budget of the institute.
5. To approve the budget estimates- recurring and non- recurring for the financial year in advance demanded by the H.O.D. and Principal.

Frequency of CDC meeting: Twice in a session.

Details of dates of CDC Meetings held during last three years:

CAY 2021-2022	CAYm1 2020-2021	CAYm2 2019-20
23/08/2021	15/06/2020	15/06/2019
20/02/2022	Due To Strict Lockdown Implemented By local Disaster Management Committee, Amravti, Meeting Was Not Conducted.	09/03/2020

C.The organization chart of the Institution

The Organization Chart of the Institute

Executive Body of VBSM

Governing Body

C.D.C.

Principal

H.O.D.

Librarian | Teaching Staff | Supporting Staff

Technical | Non Technical | Gardner

Office Superintendent

Store Incharge | Student Section/Incharge

Maintenance | Housekeeping

Scholarship Clerk | Admission Clerk | Examination Clerk

Peon

D.Defined rules, procedures, recruitment, and promotional policies, etc.

Following acts and rules are adopted as guidelines for procedures, recruitment, promotional policies, code of conduct issued from time to time by the regulatory bodies:

☐ AICTE Norms

☐ Rules for Affiliation by SGBAU University, Amravati

☐ All other applicable state/central government rules/regulations

☐ Rules and By-laws of Society

☐ Norms of Pharmacy Council of India (PCI)

Rules for Recruitment for Teaching Staff

Cadre Structure

(a) Principal

(c) Professor

(d) Associate Professor

(e) Assistant Professors

Qualifications

Faculty is recruited based on the qualifications prescribed by the AICTE, PCI and SGBAU University from time to time.

Mode of Selection of Teaching Staff

Direct recruitment to all cadres is based strictly on merit. Invariably in almost all cases, the following procedure is followed:

a) Advertisements are issued in leading newspapers.

b) Applications are scrutinized 30 days after the last day for receipt of application.

c) The lists of applications and resumes with relevant details are prepared for Selection Committee nominated by SGBAU University .

d) The Registrar, SGBAU University appoints the subject experts and Vice Chancellor nominee for the posts of Assistant Professors, Associate Professors,& Professors.

e) Call letters are sent to eligible candidates, for attending interviews specifying place, date and time of interview.

f) Selection Committee interviews and recommends candidates.

g) Letters of appointment are issued to selected candidates.

h) The selection list along with supporting documents are sent to the Registrar, SGBAU University for approval.

Selection Committee

1. Vice Chancellor/nominee as the Chairman of the selection committee

2. President/Nominee of President of the Vidyabharati Educational Society

3. 4, 5. Expert Members (Nominated by University)

6. Commissioner/nominee from the Director Technical Education, Govt. of Maharashtra.

7. Principal.

Cadre Structure

a) Office

(i) Administrative Officer (Graduate with experience)

(ii) Senior Assistant (Graduate with experience)

(iii) Junior Assistant (Graduate)

(iv) Peon (below or equal to SSC)

b) Laboratories (other than computer Labs)

i) Lab Technician (Diploma in Pharmacy / DMLT / B.Sc.)

ii) Lab Attender (below or equal to SSC)

c) Computer Labs

i) System Administrator

ii) Lab Technician (Graduate with experience)

Qualifications

Non-teaching staff are recruited on the qualifications prescribed by the State Government.

Mode of Selection of Non – Teaching Staff

All positions are advertised in the news papers or notified in the local notice boards. After scrutiny of received applications, a short list is made by Vidyabharati Educational Society, Secretary/Principal; Interview call letters are sent to eligible candidates to appear for personal interview. The selection committee consists of some or all of the following:

(a) President/nominee of President of the Educational Society

(b) Principal

(c) Administrative Head

☐ All appointments (Teaching and Non-teaching staff) made after selection, are forwarded to the Chairman for approval and to the Governing Body.

☐ Management is a single term used to collectively represent the society through President of Vidyabharati Shaikshanik Mandal, Amravati.

Probation Period Policy

Probation: Probation means an appointment made on trial on specified conditions for a stipulated period to a post for determining one's fitness for the job. With the exception of certain employees, all regular employees serve the first two years of employment on probation.

Temporary appointment: It means appointment made purely on temporary basis either for a permanent post or in tenure post or against a temporary post. With the exception of certain employees, all regular employees serve the first twelve months of employment on a temporary basis.

Evaluation in Probation Period: Probation period allows the employee's department head to evaluate the ability, suitability, and potential for success of the employee. It also allows time for the employee to decide there job satisfaction. Fifteen days prior to the completion of probation period, the Head of the Department, based on his / her evaluation, will intimate an employee about his performance / non-performance to the Principal. The Management decide to continue service or he / she may be terminated from service..

Continuance of Probation: If the employee's service during the probationary period is deemed unsatisfactory but if it is determined that the employee should continue in a probation status rather than being terminated, the recommendation that the employee remain in a probationary status should be forwarded by the Head of the Institute to the Management. In all such instances, the employee must be counseled and notified in writing regarding the extension of the probationary period.

Voluntary Resignations : It may be accepted in lieu of termination. Unless notified all job offers are on a permanent requirement with a probation period. Termination of employment, or other disciplinary action, during the probationary period, is not subject to progressive discipline and the grievance procedure.

Salary Policy

Type & fixation of Initial salary: In general, the type and fixation of initial salary is subject to statutory requirements like those of the government pay scales (Current is 6th pay rule), University of Amravati norms and All India Council of Technical Education (AICTE). Salary is fixed at the discretion of management.

a. Consolidated salary Usually non-teaching staff is paid consolidated salary at the time of joining till regularization of salary on the basis of individual performance. Salary fixation is dependent upon post, qualifications, experience as well as employees service at VBCOP College of Pharmacy institutes. It is fixed as per management decision ,

Salary And Increments as per pay

Salary Increments (Rationalization):

   i.   Time scale of pay: Time scale of pay means a scale in which the salary rises, subject to the conditions prescribed in the statutes of 6th pay rules by periodical increments, from a minimum to maximum. Every employee is entitled to an annual increment in salary subject to the recommendations of the Head of the Institute as per the requirements of government pay scales, All India Council for Technical Education, SGBAU, Amravati etc. The recommendations based on the performance appraisal of the employee are reviewed by the Principal and Executive

   ii. Payroll Schedules: Employees are paid for all the days of the month. Payment is directly deposited with a designated bank in the individual's account or given in cash for employees who are paid for visits or whose job is menial in nature of employment. All employees are advised to open a savings bank account in designated bank and intimate the account number to Accounts Department in writing within 7 days from the date of joining.

Payment mode of salary: Every employee opens a salary account at Campus branch of DENA Bank and the salary is transferred to employees account.

Payroll Deductions: Income–tax, professional tax and contributory provident funds are deducted wherever applicable.

An employee may also authorize deductions for institute-sponsored health benefits, insurance, and employee's emergency fund wherever applicable. All other deductions will be notified to the employees. Employees are not allowed to commit any deductions from salary directly to any outside agency / bank / financial institution / co-operative society, etc without explicit written permission by the Management / Principal.

i. Income-tax : It is mandatory that all staff must present their deduction scheme to the Administration by the end of May, and final proof for savings by the end of December of each calendar year in order to finalize tax deducted at source for the year.

ii. Contributory Provident Fund Scheme: Contributory provident fund facility is available to grade III cadre employees from the starting date of their employment. This facility is granted to those employees having university pay scale only after completing 3 years of service.

Promotion and Transfer Policy

1 A promotion is the shift of an employee from one position to another with more responsible duties or requiring more skills. Promotions are based on merit and qualifications required for the higher position. A pay rise is eminent in case of promotions but the Management reserves the right to do so.

2 A lateral transfer is when an employee moves from one position to another position that is on the same pay scale regardless of the title of the new position.

3 Transfers and promotions during probation period are subject to an administrative approval for the same, by Principal.

4 Employees are encouraged to apply for any position for which they are qualified and should contact the Principal for specific information.

5 When an employee is promoted either on applying for an advertised position or via the reclassification process the employee may receive remuneration based on an employee's exceptional experience and/or education and job responsibility.

6 A faculty desiring of promotion to a higher post has to face the Selection Committee appointed by the SGBAU and only on the recommendations of the committee he /she is granted promotion .

iii) Promotion Policy for Teaching Staff

☐ Career Advancement Scheme is implemented strictly in accordance with AICTE Rules.

☐ Higher posts such as Professor and Associate Professor are offered through selection committee constituted by the Registrar, SGBAU University.

Sr. no.	Name of staff member	Date of Promotion
	Professor to Principal	
1	Dr.S.D.PANDE	01/01/2021

Promotion Policy for Non-Teaching Staff

☐ Time bound promotions given to Non-Teaching Staff.

☐ Promotion to higher post through selection procedure.

### Leaves and Vacations Policy

General Principle for granting leaves is to follow the guideline issued by University of SGBAU, All India Council for Technical Education, Government of Maharashtra etc.

1 Continuous Service means a service rendered by an employee without any break under the same competent authority. Leave of any kind mentioned (as under Section 11.2) does not constitute to a break in service. The Management maintains a permanent record of leaves granted and used by each employee. The Institute functions on a six-day week basis running from Monday through Saturday.

2 Leaves can be broadly classified :

i) Casual Leave [CL]	ii) Medical Leave [ML]
iii) On-Duty Leave [DL]	iv) Maternity Leave[MA]/Paternity Leave[PA]
v) Compensatory Leave [CO]	vi) Study Leave [SL]
vii) Earned Leave [EL]	viii) Sabbatical Leave [SA]
ix) Special Leave [SP]	x) Leave Without Pay [LWP]

9.1.2. Decentrilisation in working and grievance redressal mechanism (15)
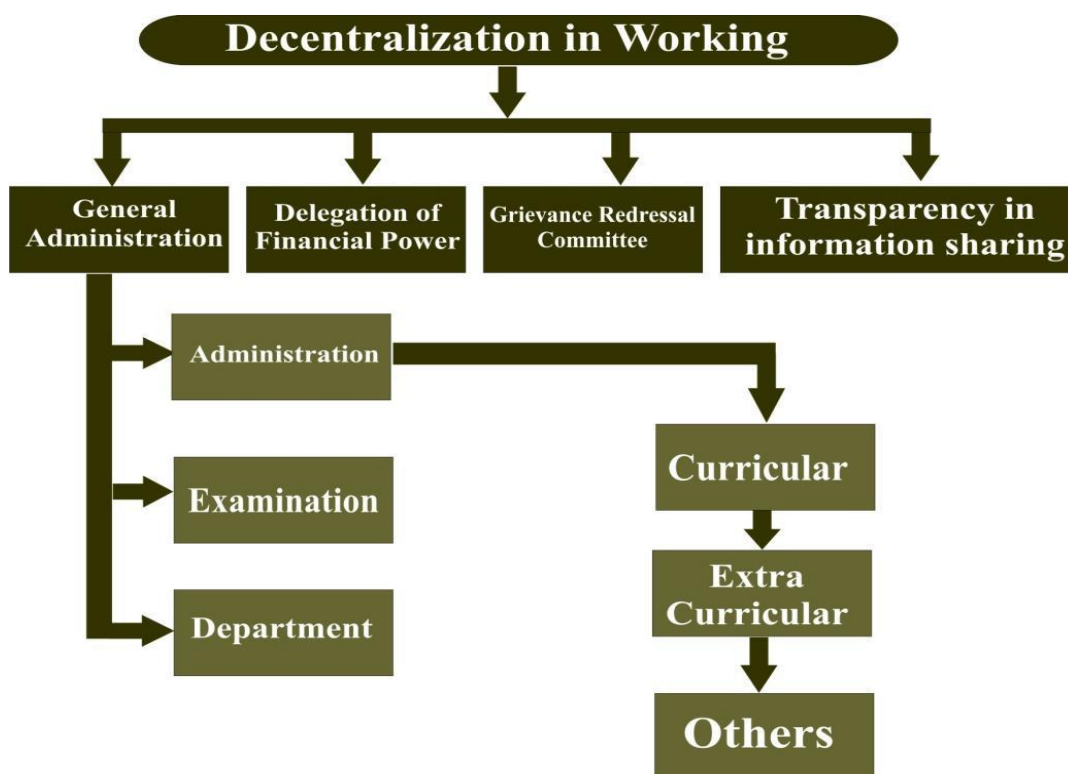
Various administrative and academic committees for the program formed for the session: 2019-20 (CAYm2)

a) Administration

Sr. No.	Name of Committee	Constitution	Functions
1	Training & Placement cell	Incharge – Dr. Nishan Bobade	1.Organization of skill developments programs for students teaching and non-teaching members. 2. Arranging campus interviews. 3. Assisting students for Off campus placement drives. 4.Arranging industry, Hospital visit and educational tours. 5.Organization of career orientation programs and industry expert lecture. 6. Making MOU with industry, Institute and Hospitals. 7. Deputing the students to the identified training centers and evaluations of training reports. 8. Maintaining and communicating the record of training report to the SGBAU for issue of Degree certificate.
2	Sports	Incharge – Prof. A.W.Baitule	1.Procurement of sport facilities at the institute.. 2.Escorting the students for participating in Youth festival events. 3.Filing and maintaining the records of sport department. 4.Organization of various sport evens at the institute.

3	Feedback Committee	Incharge - Prof.A.W.Baitule	1. Collection of faculty and institutional facilities feedback from students. 2. Analysis of feedback and perpetration of feedback report and submit to Principal. 3. Preparation of action taken report with the consent of Principal.
4	Time-table Committee	Incharge - Prof. A.A.Deshmukh	1.Calculation of workload and distribution of workload to the faculty with consent of Principal. 2. Preparation of time-table considering the occupancy of classroom and labs.
5	E.D.Cell	Incharge - Dr.S.C.Atram	1. Organization of Entrepreneur Development Program in association with Mitcon, Industry or any Government organization. 2. Organization of Trade fair. 3. Organizing Visit to the medical stores or other business organization. 4. Preparation and maintenance of records of E.D. activities.
6	Institutional development & Monitoring committee	Chairman -Principal Co– coordinator - Prof. J.V.Vyas	1. Execution and implementation of Academic Plan. 2. Monitoring the academic activities of the program. 3. Conducting Academic audits twice in a session and submitting the report to the Principal.
7	Prospectus Committee	Mr.J.V.Vyas	1. To place the order to cooperative store for prospectus as per the requirement. 2. Providing data required for designing the Prospectus . 3. Finalization of prospectus design.
8	Library Committee Signature:	Principal - Chairperson H.O.D. - Member Librarian – Member Secretary Student Representative from the program	1. To review the Library utilization and day to day Library working. 2. Procurement and development of learning resources 3. Grievance Redressal of grievance reported regarding Library working 4. Planning and preparing proposals for enhancement of Library facilities.
9	Purchase Committee Signature:	Principal - Chairperson H.O.D. - Member O.S. – Member Storekeeper – Member Secretary	1. To prepare indent for consumable and non consumable Laboratory requirements. 2. Calling Quotations from suppliers. 3. Preparations of comparatives statements on the basis of received Quotations 4. Finalization of order and procurement of good received.

NOTE: Due to the Lockdown implemented from March 2020 till further notice the above mentioned administrative and academic committees continued the working for CAYm2 ,CAYm1 & CAY.

b) Examination

Examinations is an important component for assessment of the progress of the learning.

☐All the examination matters are dealt by Controller of Examinations, SGBAU,Amravati

☐Internal examinations are conducted by examinations cell by Examination incharge and

advised by Principal.

Table consisting of members of the examination cell for different periods

Sr. No.	Examination Incharge			
	CAY 2022-23	**CAY 2021-22**	**CAY 2020-21**	
1	Dr.V.P. WANKHADE	Dr.V.P. WANKHADE	Dr.V.P. WANKHADE	
2	Dr. A.M. WANKHEDE	Dr. A.M. WANKHEDE	Dr. A.M. WANKHEDE	
	Students Project Incharge			
Class	**CAY 2022-23**	**CAY 2021-22**	**CAY 2020-21**	
B.Pharm-IV year	Prof. S.G.JAWARKAR	Prof. S.G.JAWARKAR	Prof. S.G.JAWARKAR	

Apart from the above mentioned committees the following institutional committees have been constituted with the adequate representation of department for the Grievance Redressal of the stake holders.

Grievances is addressed by presence and functioning of following bodies in the college

1. Women Grievance Redressal Cell

2. Antiragging committee

3. Discipline Committee

Grievances related to women are addressed by a Women Grievance Redressal Cell. The college has formed an internal complaints committee (Sexual harassment of women at work place prevention prohibition and Redressal Act 2013). The composition is as given below

1. **Women Grievance Redressal Cell**

Sr. No.	Name	Designation
1.	Dr.M.D.Game	Chairperson
2	Miss. L.J.Gonsalves	Member
3	Mr.J.V.Vyas (Male teacher representative)	Member
4	Miss. P.H.Hindocha	Member
5	Dr. Varsha Deshmukh (Lady Lawyer)	Member
6	Dr. Subhash Tawar (Representative of N.G.O.)	Member
7	Mr. L. S. Pande (Non-teaching Staff Representative)	Member
8	Mr. V.R.Mehare	Member
9	Miss. M.P.Jadhav	Member
10	Nominee for female diploma students	Member
11	Nominee for female U.G. students	Member
12	Nominee for female P.G. students	Member

2. **Antiragging committee**

Ragging though a universal phenomenon, it often takes a malignant form wherein the juniors and new students may be subjected to physiological or physical discomfort or harassment. To prevent and deter such incidents in higher educational institutions, the Government of India

has taken a serious view on the cases of ragging. The AICTE, UGC and PCI and statutory bodies implement the provisions. The following members of the college are being appointed to form the antiragging committee in the previous years. Besides looking after general discipline, the committee will supervise all anti-ragging measures. Disciplinary matters are dealt with stern approach expeditiously. Any matter communicated verbally, written form or in anonymous format are viewed with due weightage.

The composition of committee is given below:

Sr. No.	Name	Designation
1.	Dr.S.D.Pande	Chairman
2.	Mrs. L.J. Jain	Member
3.	Dr.M.D.Game (Ladies Representative)	Member
4.	Mr. N.N. Bobade	Member
5.	Mrs. A.B.Tasare (Ladies Representative)	Member
6.	Mr. A.W.Dahekar (Backward class Representative)	Member
7.	Mr. S.C. Atram (Backward class Representative)	Member

3) Discipline Committee

Disciplinary matters are dealt with stern approach expeditiously. Any matter communicated verbally, written form or in anonymous format are viewed with due weightage. Matters reported concerning ragging reportes by any means or by the antiragging squad are dealt with utmost seriousness. SGBAU follows a well documented Anti-Ragging policy.

Composition:

Sr. No.	Name	Designation
1	Dr.K.K.Tapar	Chairman
2	Prof. A.W.Baitule	Incharge
3	Prof. J.V.Vyas	Member
4	Mrs. L.J. Jain	Member
5	Prof. V.M. Waghulkar	Member
6	Prof. Dr. M.D.Game	Ladies representative
7	Mr. L.S.Pande	Member

All the grievances are settled amicably at department level grievances committee. All women related grievances are redressed by women grievance Redressal cell.

9.1.3. Delegation of financial powers   (15)

Principal: The principal has the financial powers to spend Rs 25,000/- at a time, keeping in view of the urgency and needs. These are to authorize the purchase of consumables for laboratories (books etc) over and above the general procedure of annual purchases.

- To permit the reimbursement of travelling (conferences and workshops) and other expenses for official purposes.

- To take care of guests, parents, alumni and stakeholders.

- To sponsor faculty/staff for any academic activities as per norms.

- To authorize any other expenses, he may deem essential.

Head of the Department: The Head of the Department have the financial powers to spend Rs 5,000/- at a time, keeping in view of the urgency and needs (chemicals, recurring expences), repair of equipment.

9.1.4. Transparency and availability of correct/unambiguous information in public domain   (10)

Information on the policies, rules and processes is made available on website.

- The arrival, all students joining VBCP are informed about the rules, regulations and procedures at college during orientation program.

- The same are available in the society manual.

- Periodic reminders are done through circulars which get inputs.

- All information relevant or needed by all stakeholders is available in web.

- Periodic communications are sent to parents/guardians.

- SMS communications are sent to the parents regarding absenteesm, sessional marks, monthly attendance, examination absenteesm, etc.

- At the time of joining new staff, personal information qualifications, professional skills and experience are collected and used for strengthening the course and the college.

- The data of all staff are periodically updated and uploaded in the college website.

- The administrative rules and regulations covering all cadre of staff employed are mentioned in the manual. The employees are given uniform consideration. Transparency is maintained relating to rules followed which include general administration, service conditions, duties, promotion policies, increments, awards and also disciplinary action.

- The programme syllabus book (of SGBAU, Amravati) is available in the library which provides transparency in implementing academic plans and current regulations, courses, marks, attendance, examination, etc.

- Recruitment and interview of all staff is done by issuing advertisements and following the regulations of SGBAU, Amravati, AICTE and Pharmacy Council of India (PCI). Thus reference points are made clear to the staff.

- Communications are displayed in the notice boards. Several boards are available for each department, placement, training, info apex, library, etc. In total, the administration and staff are available to open the communication with students, employers (for placement) etc. To a largest extent, paper work and communications are few and technology (SMS) is employed.

9.2 Budget allocation, Utilization and Public accounting at institute level

Summary of current financial year's budget and actual expenditure incurred (for the institution exclusively) in the three previous financial years.

Total Income at Institute level: For CFY, CFYm1, CFYm2 & CFYm3

CFY: Current Financial Year, CFYm1: Current Financial Year minus 1,

CFYm2: Current Financial Year minus 2, CFYm3: Current Financial Year minus 3

Budget allocation and utilization: The details of budget allocation in terms of income earned and expenditure incurred for the last four consequent previous years are given below

Estimation, Allocation & Utilisation Report – 2019-2020

Item	Amount in Rupees			Percentage of Expenses as compare to Allocated Budget
	Estimate Budget in (2019-20) (CFYm3)	Allocated Budget in (2019-20) (as per sanctioned of GB Meeting)	Actual Utilized Expenses for (2019-20)	
Infrastructural built-up	500000	500000	250000	50.00
Library	367475	367475	329214	89.58
Laboratory Equipment	250000	250000	247053	98.82
Laboratory consumables	100000	100000	74340	74.34
Teaching and Non-Teaching staff salary	19612184	19612184	16469099	83.97
Maintenance & Spare	161000	161000	154148	95.74
Research and Development	100000	100000	94000	94.00
Training and Travel	15000	15000	10418	69.45
Miscellaneous expenses	45000	45000	42495	94.43
Others	1468500	1468500	4348580.80	-
Total	**22619159.00**	**22619159.00**	**22019347.80**	**97.34**

*All figures in the Indian Rupees

The major areas are salaries, training and travel research, consumables, fee and licenses, housekeeping maintenance, etc.

Estimation, Allocation & Utilisation Report – 2020-2021

Item	Amount in Rupees			Percentage of Expenses as compare to Allocated Budget
	Estimate Budget in (2020-21) (CFYm2)	Allocated Budget in (2020-21) (as per sanctioned of GB Meeting)	Actual Utilized Expenses for (2020-21)	
Infrastructural built-up	-	-	-	-
Library	130000	130000	128052	98.50
Laboratory Equipment	250000	250000	233729	93.49
Laboratory consumables	180000	180000	116754	64.86
Teaching and Non-Teaching staff salary	18510000	18510000	12681476	68.51
Maintenance & Spare	50000	50000	49736	99.47
Research and Development	-	-	-	-
Training and Travel	10000	10000	5363	53.63
Miscellaneous expenses	20000	20000	17480	87.04
Others	790000	790000	3348345.56	**-**
Total	**19940000.00**	**19940000.00**	**16580935.56**	**83.15**

*All figures in the Indian Rupees

The major areas are salaries, training and travel research, consumables, fee and licenses, housekeeping maintenance, etc.

Estimation, Allocation & Utilisation Report – 2021-2022

Item	Amount in Rupees			Percentage of Expenses as compare to Allocated Budget
	Estimate Budget in (2021-22) (CFYm1)	Allocated Budget in (2021-22) (as per sanctioned of GB Meeting)	Actual Utilized Expenses for (2021-22)	
Infrastructural built-up	150000	150000	44500	29.66
Library	250000	250000	249914	99.96
Laboratory Equipment	210000	210000	208175	99.13
Laboratory consumables	90000	90000	41515	46.12
Teaching and Non-Teaching staff salary	18577676	18577676	11338704	61.03
Maintenance & Spare	100000	100000	86323	86.32
Research and Development	50000	50000	13020	26.04
Training and Travel	20000	20000	14599	72.99
Miscellaneous expenses	25000	25000	21488	85.95
Others	123324	123324	2771025.79	**-**
Total	**19596000**	**19596000**	**14789263.79**	**75.47**

*All figures in the Indian Rupees

The major areas are salaries, training and travel research, consumables, fee and licenses, housekeeping maintenance, etc.

Estimation, Allocation & Utilisation Report – 2022-2023

Item	Amount in Rupees			Percentage of Expenses as compare to Allocated Budget
	Estimate Budget in (2022-23) (CFYm1)	Allocated Budget in (2022-23) (as per sanctioned of GB Meeting)	Actual Utilized Expenses for (2022-23)	
Infrastructural built-up	50000	50000	0	0
Library	500000	500000	400600	80.12
Laboratory Equipment	500000	500000	217445	43.48
Laboratory consumables	590000	590000	561777	95.21
Teaching and Non-Teaching staff salary	17105000	17105000	10358586	60.55
Maintenance & Spare	150000	150000	112390	74.92
Research and Development	200000	200000	159963	79.98
Training and Travel	50000	50000	18870	37.74
Miscellaneous expenses	50000	50000	39145	78.29
Others	4915000	4915000	11492697.30	-
Total	**24110000.00**	**24110000.00**	**23222370.30**	**96.31**

*All figures in the Indian Rupees

The major areas are salaries, training and travel research, consumables, fee and licenses, housekeeping maintenance, etc.

Budget expenditure: The details of expenditure into various heads for the previous 4 years are given below.

Item	Amount in Rupees							
	Budgeted in CFY (2022-23)	Expenses in CFY (till 31.3.2023)	Budgeted in CFY (2021-22)	Expenses in CFY (till 31.3.2022)	Budgeted in CFYM1 (2020-21)	Expenses in CFY M1 (till 31.3.2020)	Budgeted in CFY M2 (2019-20)	Expenses in CFYM2 (2019-20)
Infrastructural built-up	50000	0	150000	44500	-	-	500000	250000
Library	500000	400600	250000	249914	130000	128052	367475	329214
Laboratory Equipment	500000	217445	210000	208175	250000	233729	250000	247053
Laboratory consumables	590000	422674	90000	41515	180000	116754	100000	74340
Teaching and Non-Teaching staff salary	17105000	10358586	18577676	11338704	18510000	12681476	19612184	16469099
Maintenance & Spare	150000	112390	100000	86323	50000	49736	161000	154148

R & D	200000	159963	50000	13020	-	-	100000	94000
Training and Travel	50000	18870	20000	14599	10000	5363	15000	10418
Miscellaneous expences*	50000	39145	25000	21488	20000	17480	45000	42495
Others	4915000	11492697.30	123324	2771025.79	790000	3348345.56	146850	4348580.80
Total	24110000.00	23222370.30	195960 00	14789263.79	199400 00	16580935.56	226191 59	22019347.80

*All figures in the Indian Rupees

The major areas are salaries, training and travel research, consumables, fee and licences, house keeping maintenance, etc.

Accounting: The accounting of the income and expenditure of the college is handled by two accountant staff. Further a system of internal auditing is arranged as well as engaging the auditor, not associated with the organization, This is a process of accounting is once in every 3 months and compiling for the financial year.

9.2.1. Adequacy of budget allocation   (10)

Justify that the budget allocated over the years was adequate.

Sr. No	Year	Total Fees & Other Collection	Salary (%)	Laboratory Consumable & Lab. Equip.	Building Construction ,Maintenance & Spare	Library Expdr. (%)	Student Activity & Establishment , R&D, Training & Travel, Miscellaneous & other	Total Actual % of Expenses
1	2022-2023	23222370.30	10358586 (44.60%)	800082 (3.44%)	7626155 (32.83%)	400600 (1.72%)	4036947.30 (17.38%)	99.97%
2	2021-2022	22893094.77	11338704 (49.52%)	249690 (1.09%)	130823 (0.57%)	255590 (1.11%)	2814456.79 (12.29%)	64.58%
3	2020-2021	16760405.39	12681476 (75.66%)	350483 (2.09%)	141252 (0.84%)	187920 (1.12%)	3219804.56 (19.21%)	98.92%
4	2019-2020	22019347.80	16469099 (74.79%)	253689 (1.15%)	495663 (2.25%)	329214 (1.49%)	4471682.80 (20.30%)	99.98%

VBCP follows the process of distributing the available financial resources in a manner consistent with our institute's vision, mission, long-term goals, which are transparent to stakeholders. The allocation model is updated annually. Keeping in view of the fact that no budgeting process is perfect and that ideally there would be more funds to allocate, the goals of the process are to:

- Recognize the importance of staff to long term success.
- Encourage areas to focus on outputs directly related to the strategic plan.
- Improve institutional and support facilities to make the learning an environment of vibrate the development.
- increase research and development

The college allocates the available resources based on the forecasted requirements, keeping the curricular and beyond curricular activities, R & D, library, transport, and maintenance in mind. It is the responsibility of Institutional Development and Monitoring Committee (IDMC) to ensure that the allocated resources are spent as per their forecasted plans. The emphasis is to increase quality of academic inputs delivered and positively contribute to the institute, in terms of development of new technologies, methods and practices.

9.2.2. Utilization of allocated funds (15)

As per the 9.2 Budget Allocation and Utilization summary is Budgeted Expenditure

Sr. No.	Financial Year	Budgeted in CFY	Actual Expenses in CFY (till 31 March)	Percentage
01	CFY 2022-23	24110000.00	23222370.30	96.31
02	CFY M1 2021-22	19596000.00	14789263.79	75.47
03	CFYM2 2020-21	19940000.00	16580935.56	83.15
04	CFYM3 2019-20	22619159.00	22019347.80	97.34

The respective academic and supportive units are informed on allocation of funds under various heads. The guidelines towards making purchase of laboratory equipment, programs conducting, training activities and other miscellaneous. The Institutional Development and Monitoring Committee (IDMC) decides the utilization for the financial year's allocated funds in consultation with the concerned experts including Principal. The utilization is made as per the plans and projections. The priorities are identified. Emphasis is made on increasing the quality of academic inputs that positively contribute to the development. The following is the purchase procedures.

Purchases are done up to the level of allocated funds, however, under some special priority considerations, the purchases can go beyond the allocated funds which will be later ratified by the Governing Body. Delegation of financial powers is promoted to keep the autonomy of the college and to reduce time delays.

Every effort is made for providing the best and updated infra-structural facilities to students and staff. Optimum utilization of this attitude and policy of the management by utilizing the funds in the lines of the mission statement and objectives Regular auditing and inventory checks (in-house) keep the mechanism free from over or unjust spending.

9.2.3. Availability of the audited statements on the institute's website   (5)

Needs to make audited statements available on its website.

Yes, the audited statements are available on vbcop website www.vbcop.org

9.3   LIBRARY AND INTERNET (15)

9.3.1   Quality of learning resources (hard/soft) (10)
Relevance of available learning resources including e-resources
Accessibility to students

VBCOP make every effort to provide good and quality learning resources to its internal stake holders, for that an specious library with variety of learning material is developed and the detail of which are given below -

- **Library Space and utilization :**
- Carpet area of library (in m^2)   325.00 Sq m
- Reading Space (in m^2)   16.87 sq m
- Number of seats in reading space   48
- Number of users (Issue Book) per day   20 - 30
- Number of users (reading Space) per day   60-70
- **Timings**
- During working day   10.00 A.M. to 6.30 P.M.
    Library Staff and automation details:
- **Fulltime qualified Librarian   :   01**
- Number of supporting Library staff   :   01
- Management Computerization for search,
    Indexing, issue / return records, bar coding used   :   Libman
- Library services on internet / intranet   :   Yes
- Library membership   :   DELNET, NDLI

- Archives : Yes
- Number of Computer in Digital Library : 15
- **Titles and Volumes** : Number of Title **3139**
  : Numbers of Volumes **14796**
- **Book Bank facility** : Book Bank sponsored by Social welfare Department
- **Digital Library**

  Availability of digital library Contents:
- No. of e-books 176
- No. of Computers 15
- Availability over internet Yes

Details of additions in Library stack during last three years :

Year	No. of New Titles added	No. of Editions added	No. of New Volumes added
CFY: 2021-22	157	02	705
CFYm1: 2020-21	374	02	37
CFYm2: 2019-20	110	03	1144

Details of Total Library Journals Title wise Back Volume with the additions in last three years :

S. N.	Name of the Journals	2021-22	2020-21	2019-20	Total Volumes present till date as back volume
1	BioPharma International	11	12	12	175
2	International Journal of Pharmacology & Technology	1	2	2	19
3	International J. of Pharmaceutical Reseach & Analysis(2)	1	2	2	15
4	Asian J. Of Research in Pharmaceutical science	3	4	4	11
5	Indian J. Of Heterocyclic Chemistry	3			53
6	Asian J. of Pharmaceutics	3	4	4	51
7	Pharmaceutical Technology	5	12	12	166
8	Asian J. of Pharmaceutical Analysis	3	3	4	30
9	Research Journal of Pharmacy & Technology	10	12	12	148
10	International J. of Pharmacy and Therapeutics	2	4	3	9
11	Asian J. of Pharmacy and Technology	3	4	4	11
12	Asian J. of Reseach in Pharmaceutical Science and Technology	1	2	2	5
13	Indian J. Of Pharmacist Practice	4			4

14	American J. of Biological and Pharmaceutical Research	1	2	2	5
15	Indian J. Of Pharmaceutical Education & Research	4			23
16	International J. of Biopharmaceutics	1	2	2	5
17	International J. of Pharmaceutical and Biological Archives	3	4	4	11
18	International Journals of Green Pharmacy	3	4	4	27
19	Indian Journal of Pharmaceutical Sciences	2	6	6	149
20	Ethanopharmacology (Inventi)	4	4	4	36
21	Molecular Pharmacology (Inventi)	4	4	4	36
22	NDDS (Inventi)	4	4	4	36
23	Pharma Tech (Inventi)	4	4	4	36
24	Molecular Modeling (Inventi)	4	4	4	36
25	Biomedical Anaysis (Inventi)	4	4	4	32
26	Pharma Process Development (Inventi)	4	4	4	32
27	Novel Excipients(Inventi)	4	4	4	12
28	Pharma Analysis and Quality Assurance (Inventi)	4	4	4	12
29	Advanced Dosaging (Inventi)	4	4	4	12
30	Planta Activa (Inventi)	4	4	4	12
31	Indian Journal of Pharmacology	3	6	6	141
32	Journal Of Hospital Pharmacy	4			4
33	Journals of Medicinal Plants Studies	5	6	6	17
34	Indian Drug	10			264
35	Indian J. Of Traditional Knowledge	3			23
36	Research Journal of Phamacognosy and Phytochemistry	3	4	4	11
37	Reseach J. of Topical and Cosmetic Science	1	2	2	5
38	Advances in Pharmacology & Toxicology	1	2	1	27
39	Indian Journal of Hospital Pharmacy	5	6	3	164
40	Indian J. Of Natural Products & Resources	2			10
41	Indian Drug Review	5	6	6	53
42	The Indian Pharmasist	2	4		37
43	Indian J. of Chemistry A	10	11	12	86
44	Indian J .of Chemistry B		11	12	71
45	Indian J. of Experimental Biology	12	11	22	74
46	Medicinal Aromatical Plant Abstract		6	6	90
47	Indian J. Of Drug Development Technology	1	2	2	5

Details of Library Expenditure of Pharmacy Program:

Description	CFY 2022-23	CFY 2021-22	CFYm1 2020-21	CFYm2 2019-20
Books and Journals	400600	249914	128052	329214
Total	400600	249914	128052	329214

*All figures in the Indian Rupees

9.3.2 Internet   (05)

- Name of the Internet provider :   1. Vodafone-Idea
- Availablebandwidth   :   100 mbps(Vodafone-Idea)
- Wi Fi availability   :   Available
- Internet access in labs, classrooms,
  library and otheroffices   :Yes, by LAN and WIFI
- Security arrangements   : Yes. 1) 24 x 7 security guards available in Campus. 2) Whole campus is under CCTV Surveillance.