



Vidarbha Youth Welfare Society's

INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Borgaon (Meghe), Wardha – 442 001 (M. S.)

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2016-2017



**Phone : 07152 – 240284
Fax : 07152 – 241684**

**E-Mail : iper4160@gmail.com
Web Site : www.iperwardha.com**

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Part – A

I. Details of the Institution

1.1 Name of the Institution

Institute of Pharmaceutical Education and Research

1.2 Address Line 1

Hinganghat Road

Address Line 2

Borgaon (Meghe)

City/Town

Wardha

State

Maharashtra

Pin Code

442 001

Institution e-mail address

iper4160@gmail.com

Contact Nos.

07152-240284

Name of the Head of the Institution:

Dr. R. O. Ganjiwale

Tel. No. with STD Code:

07152-240284

Mobile:

9890816170

Name of the IQAC Co-ordinator:

Dr. L. G. Rathi

Mobile:

9422144079

IQAC e-mail address:

1.3 NAAC Track ID (For ex. MHCOGN 18879)

MHCOGN18280

1.4 NAAC Executive Committee No. & Date:

(For Example EC/32/A&A/143 dated 3-5-2004.

This EC no. is available in the right corner- bottom of your institution's Accreditation Certificate)

EC(SC)/03/A&A/03 dated 24.09.2014

1.5 Website address:

www.iperwardha.com

Web-link of the AQAR:

For ex. <http://www.ladykeanecollege.edu.in/AQAR2012-13.doc>

1.6 Accreditation Details:

Sl. No.	Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1	1 st Cycle	A	3.17	2014	5 years
2	2 nd Cycle				
3	3 rd Cycle				
4	4 th Cycle				

1.7 Date of Establishment of IQAC :

DD/MM/YYYY

01.07.2012

1.8 AQAR for the year (for example 2010-11)

2016-17

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((for example AQAR 2010-11 submitted to NAAC on 12-10-2011)

- i. AQAR 2014-15 submitted to NAAC on 15/09/2015
- ii. AQAR 2015-16 submitted to NAAC on 16/09/2016
- iii. AQAR _____ (DD/MM/YYYY)
- iv. AQAR _____ (DD/MM/YYYY)

1.10 Institutional Status

University	State	Central	Deemed	Private
Affiliated College	Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>		
Constituent College	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Autonomous college of UGC	Yes <input type="checkbox"/>	No <input checked="" type="checkbox"/>		
Regulatory Agency approved Institution (AICTE and PCI)		Yes <input checked="" type="checkbox"/>	No <input type="checkbox"/>	
Type of Institution	Co-education <input checked="" type="checkbox"/>	Men <input type="checkbox"/>	Women <input type="checkbox"/>	
	Urban <input type="checkbox"/>	Rural <input checked="" type="checkbox"/>	Tribal <input type="checkbox"/>	
Financial Status	Grant-in-aid <input type="checkbox"/>	UGC 2(f) <input checked="" type="checkbox"/>	UGC 12B <input checked="" type="checkbox"/>	
	Grant-in-aid + Self Financing <input type="checkbox"/>	Totally Self-financing <input checked="" type="checkbox"/>		

1.11 Type of Faculty/Programme

Arts Science Commerce Law PEI (Phys Edu)

TEI (Edu) Engineering Health Science Management

Others (Specify)

Pharmaceutical Sciences

1.12 Name of the Affiliating University (*for the Colleges*)

Rashtrasant Tukdoji Maharaj
Nagpur University, Nagpur

1.13 Special status conferred by Central/ State Government-- UGC/CSIR/DST/DBT/ICMR etc : No

Autonomy by State/Central Govt. / University

No

University with Potential for Excellence

No

UGC-CPE

No

DST Star Scheme

No

UGC-CE

No

IPER, Wardha

No

No

UGC-Special Assistance Programme

DST-FIST

UGC-Innovative PG programmes

Any other (*Specify*)

UGC-COP Programmes

2. IQAC Composition and Activities

2.1 No. of Teachers	<input type="text" value="08"/>
2.2 No. of Administrative/Technical staff	<input type="text" value="01"/>
2.3 No. of students	<input type="text" value="01"/>
2.4 No. of Management representatives	<input type="text" value="01"/>
2.5 No. of Alumni	<input type="text" value="01"/>
2.6 No. of any other stakeholder and community representatives	<input type="text" value="01"/>
2.7 No. of Employers/ Industrialists	<input type="text" value="01"/>
2.8 No. of other External Experts	<input type="text" value="Nil"/>
2.9 Total No. of members	<input type="text" value="14"/>
2.10 No. of IQAC meetings held	<input type="text" value="04"/>
2.11 No. of meetings with various stakeholders:	No. <input type="text" value="16"/> Faculty <input type="text" value="06"/>
Non-Teaching Staff /Students	<input type="text" value="01"/> Alumni <input type="text" value="01"/> Others <input type="text" value="08"/>
2.12 Has IQAC received any funding from UGC during the year?	Yes <input type="checkbox"/> No <input type="checkbox"/>
If yes, mention the amount	<input type="text"/> <input type="checkbox"/> <input type="checkbox" value="v"/>
2.13 Seminars and Conferences (only quality related)	

(i) No. of Seminars/Conferences/ Workshops/Symposia organized by the IQAC

IPER, Wardha

P

Total Nos. International National State Institution Level

(ii) Themes

--

2.14 Significant Activities and contributions made by IQAC

- | |
|--|
| <ul style="list-style-type: none"> a. IQAC contributes to improve the teaching-learning process b. The IQAC plans the academic and administrative activities of the institute. c. Contribute to facilitate smooth progress and implementation of research schemes/projects d. The policies are driven and deployed by IQAC along with various academic committees, Senior faculty members, HODs of respective departments. |
|--|

2.15 Plan of Action by IQAC/Outcome

The plan of action chalked out by the IQAC in the beginning of the year towards quality enhancement and the outcome achieved by the end of the year*

Plan of Action	Achievements
Maintenance and upgradation of Laboratories	Insecticide sprayed in campus on dated 24/06/2016. Aqua guard repaired on dated 23/06/2016. An amount of Rs.1.25 lac was sanctioned by Management in LMC for repairing HPLC and was repaired on dated 31.01.2017 by company. FT-IR was also repaired.
Upgradation of Amenities	06 Racks for the library were purchased. Sanitary napkin machine was installed in the girls common room.
Upgradation of Library	6 racks for the library were purchased. Library budget of 4,49,000/- was sanctioned in the LMC meeting for purchase of books, journals, newspapers etc. Two extra Borrow's Tickets were issued to meritorious students. Individual class teachers provided orientation to new entrants regarding library facilities. Library Annex roof was repaired for leakage.
Admission and counselling	The activity of Admission Receipt Centre was successfully completed by the Institute. All the sanctioned seats of UG and 27 seats of PG were filled for academic year 2016-17. Staff members visited the schools and coaching classes for creating awareness of pharmacy profession among students that will help in 2017-18 admissions. Counselling to new students was

	done by the guardian teachers.
Plan for teaching learning	The syllabi of odd semester were covered in sufficient depth by the faculty. The results of all odd semesters of all programmes were declared and the session for even semester was started from the last week of December. Dr. S.A. Khan prepared the time table of extra lectures for M. Pharm sem I students as discussed in the second meeting. The syllabi of even semester were also covered by faculty. All internal exams of all programmes were completed and the final result of internal marks was also displayed on notice board. The work-diary was maintained by all faculties which were weekly checked by Principal. HODs are monitoring the planning of teaching, attendance, etc. New practicals were designed for semester VII & VIII.
Internal Resources generation	Some Industrial projects were completed by pharmacology department. Analysis of milk samples provided by Goras Bhandar Wardha worth Rs. 12000/- were completed successfully.
Plan for project / seminar / workshop/FDP	Research and MODROB proposals were submitted to DST and AICTE. Two faculty members attended the international conference at Goa. One faculty attended the conference at Nagpur. Proposals were accepted for evaluation till date.
Research plans and its implementation	Dissertation work of M. Pharm. students was completed. Ph.D. was awarded to two faculty members by R.T.M. Nagpur University. One more faculty submitted the Ph.D. thesis to R.T.M Nagpur University.
Emphasis on publication of faculty and students	One patent and three papers were published/accepted in this session in peer-reviewed journals.
Financial aid to students	Two students received the GPAT scholarship directly to their account from AICTE. 19 girls received Lila Poonawala foundation scholarship. Some students are registered for minority and GOI scholarship.
Parent Teachers meeting	Meeting was organised on 14.01.2017.

	Feedback of the parents was collected after the meeting. Parents expressed their views. Suggestions made by the parents during meeting will be Implemented.
Feedback from students/parents and its feasible implementation	Student's feedback for faculty, library, hostel and parents feedback was collected and analyzed. Report of analysis will be circulated among faculties. Feedback given by the students for faculty was analyzed on 10 point scale and was circulated among staff members
Health services	Health check-up camp was organised on 18.01.2017 by Ayurved College, Sawangi and report was submitted to R.T.M. Nagpur University, Nagpur.
Planning for improvement of placement services	Organized the seminar and training programme in the institute.
Training to teachers and students	The Institute prepared training module for development of hands of the students on the instrument. Students trained on different instruments according to their choice.
Community services	Blood donation camp was organised on 01.01.2017. Health check-up camp was organised on 18.01.2017. Tree plantation was already done in July.
Industrial and Hospital visit	Blood donation camp was organised on 01.01.2017. Health check-up camp was organised on 18.01.2017. Tree plantation was already done in July.
Extra-curricular Activity	Ganesh Festival was organised in the month of September. Students participated in the cultural and sports activities. Their participation was appreciated by giving medals and certificate. Intercollegiate Debate competition was organised on 29 th January, 2016 and Annual Gathering (Fest) on 30 & 31 st January, 2016. Pre-marriage counselling seminar and Personality development programme were organised for the students.
Appreciation of student's achievement by awards	Was appreciated during annual gathering on 17 th and 18 th March.

** Attached the Academic Calendar of the year as Annexure I*

2.15 Whether the AQAR was placed in statutory body Yes No

Management

Syndicate

Any other body

Provide the details of the action taken

Number of decision proposed by IQAC	Number of IQAC decisions approved by management/authority	Number of decisions actually implemented
(i) Recurring and non-recurring expenditure	Approved	Implemented
(ii) Purchase of stationary, chemicals and apparatus	Approved	Implemented
(iii) Purchase of books, machines and instruments	Approved	Implemented
(iv) Annual increment to the eligible staff	Approved	Implemented
(v) Repairing of four aqua guards and HPLC instruments	Approved	Implemented

Part – B

Criterion – I

I. Curricular Aspects

1.1 Details about Academic Programmes

Level of the Programme	Number of existing Programmes	Number of programmes added during the year	Number of self-financing programmes	Number of value added / Career Oriented programmes
PhD	01		01	
PG	01		01	
UG	01		01	
PG Diploma				
Advanced Diploma				
Diploma				
Certificate				
Others				
Total	03		03	
Interdisciplinary				
Innovative				

1.2 (i) Flexibility of the Curriculum: CBCS and Elective option

(ii) Pattern of programmes:

Pattern	Number of programmes
Semester	02
Trimester	
Annual	

1.3 Feedback from stakeholders* Alumni Parents Employers Students
(On all aspects)

Mode of feedback : Online Manual Co-operating schools (for PEI)

**Attached analysis of the feedback in the Annexure II*

1.4 Whether there is any revision/update of regulation or syllabi, if yes, mention their salient aspects.

Yes, the syllabi was revised and implemented from session 2013-14. This year, new syllabus is implemented for B. Pharm IV year (Semester VII).

Salient Features of new syllabus

1. The new syllabus is Credit-grade based semester pattern
2. One credit course of theory will be of one clock hour per week running for 15 weeks.
3. One credit course of practical will consist of 1.5 hours of laboratory exercise for 15 weeks.
4. Credit system offer more options to students and has more flexibility.
5. Students can get requisite credits from the concerned colleges where she/he is mutually permitted on terms mutually agreed to complete the same and be eligible to

1.5 Any new Department/Centre introduced during the year. If yes, give details.

No

Criterion – II

2. Teaching, Learning and Evaluation

2.1 Total No. of permanent faculty

Total	Asst. Professors	Associate Professors	Professors	Others
16	08	04	04	-

2.2 No. of permanent faculty with Ph.D.

10

Asst. Professors	Associate Professors	Professors	Others	Total

2.3 No. of Faculty Positions Recruited (R) and Vacant (V) during the year

R	V	R	V	R	V	R	V	R	V
-	-	-	-	-	-	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty

Nil

Nil

03

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	Nil	01	Nil
Presented papers	02	Nil	Nil
Resource Persons	Nil	01	Nil

2.6 Innovative processes adopted by the institution in Teaching and Learning:

ICT enabled Teaching and Learning, Use of stereomodels, Seminars given to students, Practical training given to students on instruments. Training modules on instruments designed by the Institute were given free of charge to PG students.

2.7 Total No. of actual teaching days during this academic year

B. Pharm I : 180
B. Pharm II, III, IV : 213

2.8 Examination/ Evaluation Reforms initiated by the Institution (for example: Open Book Examination, Bar Coding, Double Valuation, Photocopy, Online Multiple Choice Questions)

NA

2.9 No. of faculty members involved in curriculum restructuring/revision/syllabus development as member of Board of Study/Faculty/Curriculum Development workshop

01

2.10 Average percentage of attendance of students

> 90 %

2.11 Course/Programme wise
distribution of pass percentage :

Title of the Programme	Total no. of students appeared	Division				
		Distinction %	I %	II %	III %	Pass %
B. Pharm sem I	55	1.81	61.81	10.90	-	74.54
B. Pharm sem II	56	-	60.71	8.92	-	69.64
B. Pharm sem III	66	-	32.30	12.30	-	44.61
B. Pharm sem IV	66	-	53.03	16.66	-	69.69
B. Pharm sem V	75	-	49.33	5.33	-	54.66
B. Pharm sem VI	75	-	60	13.33	-	73.33
B. Pharm sem VII	61	1.63	78.68	13.11	-	93.42
B. Pharm sem VIII	61	-	85.24	13.11	-	98.36
M. Pharm sem I	28	-	60.71	7.14	-	67.85
M. Pharm sem II	28	-	14.28	-	-	14.28
M. Pharm sem III	18	-	55.55	-	-	55.55
M. Pharm sem IV	-	-	-	-	-	-

2.12 How does IQAC Contribute/Monitor/Evaluate the Teaching & Learning processes:

- In the first meeting of IQAC, held in the beginning of the session, plans related to teaching-learning, co-curricular and extracurricular activities are prepared. Methods for their implementation are also planned.
- The HODs, who are members of IQAC, monitor the teaching plans throughout the year.
- The suggestions extended by IQAC regarding the improvement in teaching-learning methodology helps training teachers on, preparation of work diary, lesson plan, effective maintenance of attendance and educational aids (use of ICT in teaching) and other class-room teaching practices.
- The suggestions extended by IQAC provide frame work for participation of teachers in career counselling, faculty development programs to be attended by faculty members and such other faculty-related activities.
- Brain storming discussion in IQAC on improving teaching-learning process and understanding the multiple roles of a teacher in an educational institution.
- Periodical review of strengths and weaknesses in the teaching-learning process.
- Providing a frame work to the examination committee in relation to all aspects of examinations.
- Preparation of feedback forms, analyzing the same, review of deviation and taking corrective action.
- In the subsequent IQAC meeting, held at the end of the session, outcome of the proposed plans and also difficulties faced in execution are discussed; the review of academic year was taken and methods for improvement are suggested.

2.13 Initiatives undertaken towards faculty development

<i>Faculty / Staff Development Programmes</i>	<i>Number of faculty benefitted</i>
Refresher courses	Nil
UGC – Faculty Improvement Programme	Nil

HRD programmes	Nil
Orientation programmes	01
Faculty exchange programme	Nil
Staff training conducted by the university	Nil
Staff training conducted by other institutions	01
Summer / Winter schools, Workshops, etc.	02
Others	Nil

2.14 Details of Administrative and Technical staff

Category	Number of Permanent Employees	Number of Vacant Positions	Number of permanent positions filled during the Year	Number of positions filled temporarily
Administrative Staff	18	Nil	Nil	Nil
Technical Staff	07	Nil	Nil	Nil

Criterion – III

3. Research, Consultancy and Extension

3.1 Initiatives of the IQAC in Sensitizing/Promoting Research Climate in the institution

Autonomy extended to principal investigator under the policy framed by IQAC and Research committee. Resources are released whenever required. Necessary institutional infrastructure is always provided. Additional technical hand provided if sanctioned in the project. Labs are permitted to be utilized even after working hours. Efforts are made to enrich lab with modern instruments and ICT facility

3.2 Details regarding major projects

	Completed	Ongoing	Sanctioned	Submitted
Number	01	-	-	06
Outlay in Rs. Lakhs	6.5	-	-	191.15

3.3 Details regarding minor projects

	Completed	Ongoing	Sanctioned	Submitted
Number	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

3.4 Details on research publications

	International	National	Others
Peer Review Journals	03	01	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range 0-5.6 Average 1.4 h-index 78 Nos. in SCOPUS 03

3.6 Research funds sanctioned and received from various funding agencies, industry and other organisations

Nature of the Project	Duration Year	Name of the funding Agency	Total grant sanctioned	Received
Major projects	-	-	-	-
Minor Projects	-	-	-	-
Interdisciplinary Projects	-	-	-	-
Industry sponsored	2015-16	1. Siddhayu Ayurvedic Research Foundation Pvt. Ltd., Nagpur 2. Baidyanath Ayurved Bhavan Pvt. Limited, Nagpur	Rs. 180000	Rs. 163600
Projects sponsored by	2015-16	SRTM University,	80000	65000

the University/ College		Nanded		
Students research projects <i>(other than compulsory by the University)</i>	-	-	-	-
Any other(Specify)	-	-	-	-
Total	-	-	Rs. 260000	Rs. 228600

3.7 No. of books published

i) With ISBN No. Chapters in Edited Books

ii) Without ISBN No.

3.8 No. of University Departments receiving funds from

UGC-SAP CAS DST-FIST

DPE DBT Scheme/funds

3.9 For colleges

Autonomy CPE DBT Star Scheme

INSPIRE CE Any Other (specify)

3.10 Revenue generated through consultancy

3.11 No. of conferences organized by the Institution

Level	International	National	State	University	College
Number	-	-	-	-	-
Sponsoring agencies					

3.12 No. of faculty served as experts, chairpersons or resource persons

3.13 No. of collaborations International National Any other

3.14 No. of linkages created during this year

3.15 Total budget for research for current year in lakhs :

From Funding agency From Management of University/College

Total

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	02
	Granted	Nil
International	Applied	Nil
	Granted	Nil
Commercialised	Applied	Nil
	Granted	Nil

3.17 No. of research awards/ recognitions received by faculty and research fellows of the institute in the year : **Nil**

Total	International	National	State	University	Dist	College
-	-	-	-	-	-	-

3.18 No. of faculty from the Institution who are Ph. D. Guides and students registered under them

7

5

3.19 No. of Ph.D. awarded by faculty from the Institution

02

3.20 No. of Research scholars receiving the Fellowships (Newly enrolled + existing ones)

JRF SRF Project Fellows Any other

3.21 No. of students Participated in NSS events:

University level State level
National level International level

3.22 No. of students participated in NCC events:

University level State level
National level International level

3.23 No. of Awards won in NSS:

University level State level
National level International level

3.24 No. of Awards won in NCC:

University level State level
National level International level

3.25 No. of Extension activities organized

University forum College forum
NCC NSS Any other

3.26 Major Activities during the year in the sphere of extension activities and Institutional Social Responsibility

- Health check-up camp organised on 18th January, 2017 in collaboration with Ayurved College, Sawangi(Meghe), Wardha
- Blood donation and blood group detection camp on 1st January, 2017 under the banner of N.S.S. regular activities
- Counselling to students for increasing the awareness of Pharmacy profession in the month of November.
- Intercollegiate quiz competition was organised on 18th March, 2017
- Tree plantation, Yoga shibir and Swachhta abhiyan was carried out under the banner of N.S.S.
- A work-shop on awareness programme about sexual harassment of women at workplace was organised on 20/02/2017.
- Personality development programme was organised for the students
- Intercollegiate debate competition was organised on 29th January, 2016
- Ganesh festival was celebrated in the month of September. Students participated in the cultural and sports activities.
- Group discussion, personality development and other activities were organised under the banner of ISTE students chapter
- Industrial visit was arranged for the students at Sangrose Laboratory Pvt. Ltd, Mavelikara, Kerala for 32 students on 20/12/2016.

Criterion – IV

4. Infrastructure and Learning Resources

4.1 Details of increase in infrastructure facilities:

Facilities	Existing	Newly created	Source of Fund	Total
Campus area	4 Acres	-	-	4 Acres
Class rooms	04	-	-	04
Laboratories	20	-	-	20
Seminar Halls	08	-	-	08
No. of important equipments purchased (\geq 1-0 lakh) during the current year.	36	-	-	36
Value of the equipment purchased during the year (Rs. in Lakhs)	1,71,68,418	-	-	-
Others	Herbal Garden, Pilot plant, Animal House, Spectroscopy Lab, Auditorium	-	-	-

4.2 Computerization of administration and library

The administration of the Institute is computerised and enabled with "College Automation Software". This software is maintaining regular administration, accounts and students profile. The Institute library is also computerised and having "library Management Software" which is useful for daily transaction of books and record keeping. The library has e-library section for online browsing of journals. Library has online subscription for "Bentham Science Publisher Journals". OPAC is available in e-library through LAN.

4.3 Library services:

	Existing		Newly added		Total	
	No.	Value (Rs.)	No.	Value	No.	Value (Rs.)
Text Books	4756	4731366	97	50654	4853	4782020
Reference Books	1501	3035000	-	-	01	35000
e-Books	-	-	-	-	-	-
Journals	109	381159	31	98934	140	480093
e-Journals	72	296321	24	98700	96	395021
Digital Database	328	-	06	-	334	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Departments	Others
Existing	90	01	24Mbps 1Mbps 512kbps	01	03	10 PC	05	-
Added	-	-	-	-	-	-	-	-
Total	90	01	24Mbps 1Mbps 512kbps	01	03	10 PC	05	-

4.5 Computer, Internet access, training to teachers and students and any other programme for technology upgradation (Networking, e-Governance etc.)

Institute has total 90 computers, among which 47 are having internet connectivity. Institute has provided 'off campus' computer facility by providing 4 laptops to faculty members. Institute has designed "training modules" for students to impart technical skills in addition to curriculum. Institute is always motivating faculty members to participate in various refresher courses.

4.6 Amount spent on maintenance in lakhs :

i) ICT	15396
ii) Campus Infrastructure and facilities	75817
iii) Equipments	164872
iv) Others (ICT, Equipment & Furniture)	45758
Total :	301843

Criterion – V**5. Student Support and Progression**

5.1 Contribution of IQAC in enhancing awareness about Student Support Services

To keep a close watch on the students, Guardian Teachers have been appointed for individual batches of all the classes. This enables the teachers to keep a personal touch with the students and helps the students to solve their problems including personal problems. Meetings are regularly arranged to discuss the issues related to student's performance and attendance. Apart from keeping a watch on the student performance, they are also given a personal touch in difficult times, which makes them feel secured.

5.2 Efforts made by the institution for tracking the progression

Progression of students from UG to PG and PG to Ph.D. was tracked. Financial assistance to the economically and socially disadvantaged students for continuing their education was checked. Guardian Teachers have been appointed for individual batches of all the classes to monitor the progression

5.3 (a) Total Number of students

UG	PG	Ph. D.	Others
261	46	05	-

(b) No. of students outside the state

01

(c) No. of international students

Nil

Men	No	%	Women	No	%
	106	33.97		206	66.02

Last Year (2015-16)						This Year (2016-17)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
70	55	07	233	-	365	62	49	08	192	01	312

	Last Year	This Year
Demand ratio	1:1.50	1:1.30
Dropout %	0	0

5.4 Details of student support mechanism for coaching for competitive examinations (If any)

- The institution facilitates and supports students in appearing and qualifying various competitive examinations by
- Organizing guest lecture of experts, special guidance session and Personality Development session.
- Materials for competitive exams are provided and students are encouraged to crack various competitive exams.
- The college has E-library through which free internet facility is provided to the students.
- The faculties of the institutes are actively involved in guiding the students for competitive exams such as GPAT.

No. of students beneficiaries

39

5.5 No. of students qualified in these examinations

NET	<input type="text"/>	SET/SLET	<input type="text"/>	GATE	<input type="text"/>	CAT	<input type="text"/>
IAS/IPS etc	<input type="text"/>	State PSC	<input type="text"/>	UPSC	<input type="text"/>	Others	06

5.6 Details of student counselling and career guidance

The Carrier counselling cell of the college counsels the students for Career Guidance and Placement. It provides the following services to the students.

- Organizing guest lectures of the expert, lectures on personality developments.
- Mentoring, Guardian-Teacher (cluster scheme), Teacher-parent meet and Value based programs/lectures
- Displaying various advertisements related to jobs and recruitments in various fields.
- The students are consistently encouraged to appear for various competitive examinations, such as GPAT, CAT, CET, GRE, TOEFL, MPSC/UPSC and others.
- The application forms at various examinations and entrance test are made available to the students. The eligible students are encouraged to apply for job.
- Guiding the students on various placement aspects such as interviews, resume making, group discussion etc. under ISTE students chapter
- Organizing placement camps in collaboration with private and public agencies.
- The Institute is active on social networking site under the name "IPERites Placement Society", where the institutional students already placed at various positions in the field, effectively provide the vacancy and recruitment status in different industries and organizations to the students.

No. of students benefitted

85

5.7 Details of campus placement

<i>On campus</i>			<i>Off Campus</i>
Number of Organizations Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	12

5.8 Details of gender sensitization programmes

The college is a co-educational institute and believes in imparting professional education with an emphasis on moral and ethical principles. Gender Related Issues, are handled safely by Sexual Harassment Control Committee, Girls/ Women Security Cell and issues related to gender, human rights etc., are debated and discussed in Seminars, Rallies under the university programmes like NSS, and professional societies like ISTE Students Chapter.

5.9 Students Activities

5.9.1 No. of students participated in Sports, Games and other events

State/ University level National level International level

No. of students participated in cultural events

State/ University level National level International level

5.9.2 No. of medals /awards won by students in Sports, Games and other events

Sports : State/ University level National level International level

Cultural: State/ University level National level International level

5.10 Scholarships and Financial Support

	Number of Students	Amount
Financial support from institution		
Financial support from government	207	1,51,52,985
Financial support from other sources	19	10,75,000
Number of students who received International/ National recognitions		

5.11 Student organised / initiatives

Fairs : State/ University level National level International level

Exhibition: State/ University level National level International level

5.12 No. of social initiatives undertaken by the students

5.13 Major grievances of students (if any) redressed: Nil

Criterion – VI

6. Governance, Leadership and Management

6.1 State the Vision and Mission of the institution

Vision:	Making every student a total quality person and pride of human race.
Mission:	To become a centre of excellence where Innovative techniques and training methodologies are Instilled for excellence in education, training and Research in order to build quality pharmacist.

6.2 Does the Institution has a management Information System

Yes, Three Teacher's representatives and one non-teaching representative are nominated on LMC (a statutory committee to look after academic and administrative matters) to represent academic and administrative matters of the staff, provide suggestions for academic developments and thus portray culture of participative management at Institutional level.

6.3 Quality improvement strategies adopted by the institution for each of the following:

6.3.1 Curriculum Development

Institute has taken lead in framing the syllabus of Parent University at both under graduate as well as post graduate level. It is because of the efforts of Head of Institution who happened to be Dean; Faculty of Medicine at the Parent University, the annual pattern is changed to semester, credit and grade.

- Institute organized curriculum meeting for discussion on new syllabus involving the participation of University authorities and subject experts.
- The syllabus set by institution demonstrates interrelationship between disciplines.
- Institute invited expert faculty's opinion from other Universities, Industry experts on newly framed syllabus.
- The institution also has deputed its faculties to participate in curricular meetings organized by the University and other institutions.

Curriculum builds essential skills-including communication, refusal, assessing accuracy of information, decision making, planning and goal setting, self-control, and self-management that enable students to build their personal confidence, deal with social pressures, and avoid or reduce risk behavior.

6.3.2 Teaching and Learning

- Supplementing conventional teaching process of chalk and board with Audio-visual aids.
- Distributing subject notes, home assignments, detail question bank.
- Regular conduction of Class test/ Unit test/ Surprise Test/ Sessional Exams.
- Regular conduction of viva-voce in practical.
- Arranging lectures of eminent personalities
- Organizing student seminars
- Organizing regular Industrial & Hospital visits

6.3.3 Examination and Evaluation

The examination committee takes care of the internal and University examination process. The committee prepares a schedule containing dates of internal examination; deadlines are set for valuation of papers and submission of marks. Scrutiny and re-totalling of submitted internally assessed scripts. The examination committee collects feedback from students on examination and evaluation process.

The institution makes its students aware of the evaluation processes as follows:

- a. Schedule of Sessional examination is mentioned in the academic calendar and displayed on notice board from time to time.
- b. Students are instructed about examinations in the beginning of session
- c. Faculties and students are made aware about the exact schedule of examinations through circulated and displayed notices
- d. Pattern of examination and marking system is instructed by faculty to students
- e. Answer books of internal exam are shown to students after evaluation
- f. Sessional papers and register are verified by the faculty at the end of session

6.3.4 Research and Development

- a. Developing facilities conducive of Research.
- b. Directing faculty to undertake Major and Minor research projects
- c. Encouraging faculty to attend seminars/conferences/workshops for getting acquainted with advanced research developments
- d. Supporting faculties for presentation of research papers and its publications in reputed journals
- e. Encouraging faculty to carry out research, register as Ph.D. supervisor and enroll Ph.D. students under them
- f. Encouraging faculty to do consultancy, testing, and industrial collaboration
- g. Encourage faculty to participate in various activities under Industry Institute Partnership Cell of AICTE, New Delhi
- h. Procuring sophisticated instruments and improve infrastructural facilities for research and investigatory projects
- i. Involving students participation by delegating them individual/group projects and also encouraging them to participate in inter-university research festival, Avishkar
- j. Organizing study tour of students and faculty to research institutes, University departments

6.3.5 Library, ICT and physical infrastructure / instrumentation

- a. Institute is using library management software and bar code system for daily issue and return of books.
- b. Adequate budget provisions are made for addition and upgrading of computer systems. To upgrade the IT infrastructure, help from trained IT people are taken.
- c. Up-gradation of all software and hardware is done on a need basis.
- d. ICT infrastructure facilities are added and upgraded with latest version on the needs basis.
- e. Increasing the ICT supported classrooms

6.3.6 Human Resource Management

- a. Faculty gets PF and pension
- b. Recruitment of faculties on merit basis by strictly following the norms laid down by UGC, State Government, and University
- c. Promoting qualified faculties to higher positions on merit basis
- d. Directing faculty to undertake Major and Minor research projects
- e. Faculty gets monetary incentives/ remuneration for consultancy
- f. Faculty felicitation for their notable achievements at the time of Annual Gathering.

6.3.7 Faculty and Staff recruitment

There is a systematic process of recruitment. The selection procedure involves the following steps:

- a. Approval of university for vacant positions
- b. Fixation of roster for vacancy as per norms of state Government
- c. In case of a vacancy, advertisement is placed in local newspaper and posts are declared as per roster system along with qualification and pay-scale is mentioned.
- d. Applications from eligible candidates are invited and screened.
- e. Suitable candidates are called for personal interview by the selection committee comprising of a management representative, Vice-chancellor nominee, subject expert, HOD and Principal
- f. Suitable candidates are selected and appointment letters are issued.

6.3.8 Industry Interaction / Collaboration

- a. Successfully organizing several workshops under the orbit of IIPC (Industry Institute Partnership Cell of AICTE, New Delhi).
- b. Organizing study tour for students and faculty to industries.
- c. Arranging lectures of persons from industries.
- d. Inviting industries for campus interviews and placements.
- e. Partnering with industry in several areas of research and development
- f. Signed MOU with Leben Laboratories, Akola, Zim Laboratories Pvt. Ltd., Kalmeshwar and Ipca Laboratories Pvt. Ltd, Mumbai for technology transfer and pre-clinical screening.

6.3.9 Admission of Students

Students admissions is as per the norms laid down by the Directorate of Technical Education, Government of Maharashtra.

6.4 Welfare schemes for

Teaching/ Non-teaching	a. C.P.F. b. Pension Scheme c. Staff Loan Facility
Students	a. GOI scholarships to all BC and OBC students b. EBC concession c. Book Bank Scheme to BC students

6.5 Total corpus fund generated

Nil

6.6 Whether annual financial audit has been done

Yes

No

6.7 Whether Academic and Administrative Audit (AAA) has been done?

Audit Type	External		Internal	
	Yes/No	Agency	Yes/No	Authority
Academic	Yes	NAAC	Yes	V.Y.W.Society
Administrative	Yes	NAAC	Yes	V.Y.W.Society

6.8 Does the University/ Autonomous College declares results within 30 days?

For UG Programmes

Yes

No

For PG Programmes

Yes

No

6.9 What efforts are made by the University/ Autonomous College for Examination Reforms?

- Introduction of on screen valuation of university exam answer sheets.
- Introduction of online enrolment of student, registration for examination, and generation of hall ticket
- Online submission of internal assessment marks of Theory and Practical
- Introduction of OMR (Optical Mark Recognition) sheets on the front page of the answer booklet in the final examinations
- Increase in the number of pages in the answer booklet to avoid the use of additional sheets
- Reduction in the number of examination centers to have better control over the examination process and appointment of a squad in each center
- Ease in the rules for students to apply for a photocopy of their answer scripts if they are unhappy with their marks
- Streamlining the online evaluation process in assessment centers
- Compulsion of minimum attendance of 75% in each paper for the students to appear in final examination
- The major reform RTM Nagpur University implemented is changing annual pattern to Semester, Credit & Grading.
- Semester pattern has been introduced for PG programmes from the session 2012-13 and for UG programme from 2013-2014

6.10 What efforts are made by the University to promote autonomy in the affiliated/constituent colleges?

Not Applicable

6.11 Activities and support from the Alumni Association

- a. Organizing popular lectures on academic and morale building
- b. Organizing the Annual Alumni Meet of the ex-students
- c. Organizing competitions
- d. Providing financial assistance in the form honour to students topping in B.Pharm I & M.Pharm I.
- e. Addressing and guiding the students of the college.
- f. In-future has plans for infrastructural development at IPER.

6.12 Activities and support from the Parent – Teacher Association

- a. Parents meeting with the teacher/principal are also used to assess the teaching quality
- b. Parent-Teacher Meeting and the Alumni Meet also help the institution in assessing the overall performance and quality.

6.13 Development programmes for support staff

- a. Encourage non-teaching staff to attend Laboratory Training Programmes, for Library Staff to attend Library training programmes.
- b. Encourage staff to develop computer literacy.
- c. Encourage staff for improvement of its qualification.

6.14 Initiatives taken by the institution to make the campus eco-friendly

Energy conservation, Plantation, Efforts for Carbon neutrality, Hazardous waste management, e-Waste management

Criterion – VII

7. Innovations and Best Practices

- 7.1 Innovations introduced during this academic year which have created a positive impact on the functioning of the institution. Give details.

Training module

The institute provides training to the faculty and/ or students of the parent and/ or other institutes. The training on instruments related to all the major subjects of Pharmacy is provided to the faculty and/ or students.

- 7.2 Provide the Action Taken Report (ATR) based on the plan of action decided upon at the beginning of the year

Action Taken Report

1 Upgradation and Maintenance of Laboratory facilities

Insecticide sprayed in campus on dated 24/06/2016. Aqua guard repaired on dated 23/06/2016. An amount of Rs.1.25 lac was sanctioned by Management in LMC for repairing HPLC and was repaired on dated 31.01.2017 by company. FT-IR was also repaired.

2 Upgradation of Amenities

Six Racks for the library were purchased. Sanitary napkin machine was installed in the girls common room.

3 Upgradation of Library

Six racks for the library were purchased. Library budget of 4,49,000/- was sanctioned in the LMC meeting for purchase of books, journals, newspapers etc. Two extra Borrow's Tickets were issued to meritorious students. Individual class teachers provided orientation to new entrants regarding library facilities. Library Annex roof was repaired for leakage.

4 Admission and Councilling

The activity of Admission Receipt Centre was successfully completed by the Institute. All the sanctioned seats of UG and 27 seats of PG were filled for academic year 2016-17. Staff members visited the schools and coaching classes for creating awareness of pharmacy profession among students that will help in 2017-18 admissions. Counselling to new students was done by the guardian teachers.

5 Plan for Teaching Learning

The syllabi of odd semester were covered in sufficient depth by the faculty. The results of all odd semesters of all programmes were declared and the session for even semester was started from the last week of December. Dr. S.A. Khan prepared the time table of extra lectures for M. Pharm sem I students as discussed in the second meeting. The syllabi of even semester were also covered by faculty. All internal exams of all programmes were completed and the final result of internal marks was also displayed on notice board. The work-diary was maintained by all faculties which were weekly checked by Principal.

6. Internal resources generation

Some Industrial projects were completed by pharmacology department. Analysis of milk samples provided by Goras Bhandar Wardha worth Rs. 12000/- were completed successfully.

7. Plan for seminar/workshop

Research and MODROB proposals were submitted to DST and AICTE. Two faculty members attended the international conference at Goa. One faculty attended the conference at Nagpur. Proposals were accepted for evaluation till date.

8. Plan for research activity and promotion

Dissertation work of M. Pharm. students was completed. Ph.D. was awarded to two faculty members by R.T.M. Nagpur University. One more faculty submitted the Ph.D. thesis to R.T.M Nagpur University.

9. Publication of faculty and students

One patent and three papers were published/accepted in this session in peer-reviewed journals

10. Financial aid to students

Two students received the GPAT scholarship by direct benefit transfer from AICTE. Nineteen girls received Lila Poonawala foundation scholarship. Some students are registered for minority and GOI scholarship.

11. Parent Teachers meeting

Meeting was organised on 14.01.2017. Feedback of the parents was collected after the meeting. Parents expressed their views. Suggestions made by the parents during meeting were implemented.

12. Feedback from parents and its feasible implementation

Student's feedback for faculty, library, hostel and parents feedback was collected and analysed and feasible suggestions were implemented. Feedback given by the students for faculty was analyzed on 10 point scale and was circulated among staff members

13. Health services

Health check-up camp was organised on 18.01.2017 by Ayurved College, Sawangi and report was submitted to R.T.M. Nagpur University, Nagpur.

14. Planning for improvement of placement services

Organized the seminar and training programme in the institute. Most of the Post Graduate students of this batch were placed in Industry. Further, efforts were made by the staff members for in-campus placement

15. Training to teachers and students

The Institute prepared training module for development of hands of the students on the instrument. M. Pharm. Students trained on different instruments according to their choice.

16. Community services

Blood donation camp was organised on 01.01.2017. Health check-up camp was organised on 18.01.2017. Tree plantation was already done in July.

17. Industrial and Hospital visit

Industrial visit was arranged on 20.12.2017 at Sandos Laboratory Pvt. Ltd., Mavelikara, Kerala with 32 students.

18. Appreciation of student's achievement by awards

Was appreciated during annual gathering on 17th and 18th March.

7.3 Give two Best Practices of the institution (*please see the format in the NAAC Self-study Manuals*)

Attached separate sheet as Annexure III

7.4 Contribution to environmental awareness / protection

Environment awareness through field visits, projects, films, and in organizing workshops like “Safeguarding Biosphere from Pollution”, and also through subject like Environmental Science, etc. Hazardous waste is a waste that poses substantial or potential threats to public health or the environment. Therefore the practices for hazardous waste management are followed as recommended by the Environmental Protection Act (EPA).

7.5 Whether environmental audit was conducted? Yes No

7.6 Any other relevant information the institution wishes to add. (for example SWOT Analysis)

STRENGTHS

- a. Earned reputation at National level with its quality education
- b. Support from the management
- c. Value based management and education
- d. Aims at holistic development
- e. Located away from Concrete Jungle,
- f. Spacious, well lighted class rooms, well equipped computer lab, well designed staffrooms with comfortable work area, well designed office, state of art laboratories.
- g. Rich Digital library
- h. Good organizational culture
- i. Good Leadership, Visionary Leadership, Dynamic Leadership
- j. Good administration and internal audit
- k. Transparency in administrative issues
- l. Highly experienced faculty , Highly committed staff and combination of experienced and young minds
- m. Continuous Comprehensive Evaluation of Students
- n. Harmonious teacher student relationship
- o. Very active T & P Cell
- p. Good number of Knowledge enhancement certificate courses like workshops/ conferences/ SDPs
- q. Adequate e-resources
- r. Financial assistance to students
- s. Economical fee structure for B.Pharm/ M.Pharm program
- t. Faculty development / improvement initiatives
- u. Adequate alumni support
- v. Industry Institute Partnership Cell to bridge the gap between Academia and Industry.

- w. Professional environment
- x. Caters to different sections of the society, Unity in Diversity
- y. Word of mouth publicity
- z. Created Separate Identity in academic field
- aa. ICT enabled teaching

WEAKNESSES

- a. Still inadequate industry academic interface
- b. Though away from concrete jungle, but rural location
- c. Still public perception of Pharmacy is limited to compounders

OPPORTUNITIES

- a. To encourage academic collaborations with other institutions
- b. To encourage and increase internships in corporate and other establishments
- c. To introduce new enrichment courses

8. Plans of institution for next year

1. Maintenance
2. Upgradation of Amenities
3. Upgradation of Library
4. Admission and counselling to new students
5. Teaching Learning Plans
6. Internal Resources generation
7. Plan for project / seminar / workshop / FDP
8. Research Plans and its implementation
9. Emphasis on publication of faculty and students
10. Financial aid to students
11. Parent Teachers meeting
12. Feedback from students regarding academic, library and hostel, from parents, from alumni and its feasible implementation
13. Health services
14. Planning for improvement of placement services
15. Training to teachers and students
16. Community services
17. Industrial and Hospital visit
18. Appreciation of student's achievement by awards

Name: Dr. L. G. Rathi



Signature of the Coordinator, IQAC

Name: Prof. R. O. Ganjiwale



Signature of the Chairperson, IQAC

Annexure I

**INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
BORGAON (Meghe), WARDHA**

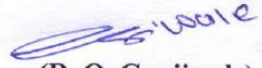
ACADEMIC CALENDER

B.Pharm Course 2016 - 17 (Semester Pattern)

First Term (Odd semester)	:	16.06.2016
Commencement of Classes: Semester- III & V, VII	:	16.06.2016
Semester -I		08.08.2016
First Sessional Examination, Semester- III & Vth & VII	:	08.08.2016 to 13.08.2016
Second Term	:	16/08/2016
Ganesh Festival	:	05.09.2016 to 15.09.2016
First Sessional Examination, Semester -I	:	26.09.2016 to 1.10.2016
Parents Meet	:	10.10.2016
Second Sessional Examination, Semester - III, V & Semester- VII(Theory & Practical)	:	15.10.2016 to 27.10.2016
Verification of Records Semester - I , III, V & VII	:	Before 24.10.2016
Winter Vacation	:	28.10.2016 to 03.11.2016
Second Sessional Examination, Semester - I (Theory & Practical)		15.11.2016 to 26.11.2016
Commencement of Semester Examination (Odd Semester) (Theory & Practical)	:	As per University Schedule
First Term (Even Semester)	:	15.12.2016
Commencement of Classes Semester II, IV, VI & VIII	:	15.12.2016
Educational Tour	:	11.12.2016 to 18.12.2016
68th IPC 2016	:	16.12.2016 to 18.12.2016
Late Prof. Ram Meghe Memorial Debate Competition	:	29.01.2017
Annual Gathering	:	30.01.2017 to 31.01.2017
Alumni Meet	:	31.01.2017
First Sessional Examination, Semester -II, IV , VI & VIII	:	06.02.2017 to 11.02.2017
Second Term (Even Semester)	:	13.02.2017
Second Sessional Examination, Semester -II IV, And Semester- VI & VIII (Theory & Practical)	:	17.04.2017 to 29.04.2017
Verification of Records	:	Before 20.04.2017
Commencement of Semester Examination (Even Semester) (Theory & Practical)	:	As per University Schedule
Commencement of Session 2017-18	:	16.06.2017

Note: Schedule for guest lectures, students seminars and NSS/ISTE activities will be declared separately.

Date: 07.07.2016


(R. O. Ganjiwale)
 I/c Principal
 I/c. PRINCIPAL
 Institute of Pharmaceutical Education & Research
 Borgaon (Meghe), Wardha

**INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH,
BORGAON (MEGHE), WARDHA**

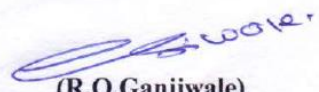
ACADEMIC CALENDAR

M.Pharm Course 2016-17 (Semester Pattern)

First Term (Odd Semester)	:	16.06.2016-05.11.2016
Commencement of Classes	:	Semester- III: 16.06.2016 Semester-I :13.08.2016
Ganesh Festival	:	05.09.2016-15.09.2016
First Sessional Examination, Semester-I & III	:	04.10.2016- 8.10.2016
Parents Meet	:	10.10.2016
Winter Vacation	:	28.10.2016-03.11.2016
Second Term (Odd Semester)	:	07.11.2016-17.12.2016
Educational Tour	:	11.12.2016-18.12.2016
IPC 2016	:	16.12.2016-18.12.2016
Second Sessional Examination, Semester- I & III (Theory & Practical)	:	19.12.2016- 26.12.2016
Verification of Records	:	Before 17.12.2016
Commencement of Semester Examination (Odd Semester) Theory & Practical	:	As per University Schedule
Declaration of Results	:	40 days after Examination
First Term (Even Semester)	:	09.01.2017-25.02.2017
Commencement of Classes	:	Semester- II: 09.01.2017
Late Prof. Ram Meghe Memorial Debate Competition	:	29.01.2017
Annual Gathering	:	30.01.2017-31.01.2017
Alumni Meet	:	31.01.2017
First Sessional Examination, Semester-II	:	21.02.2017-25.02.2017
Second Term (Even Semester)	:	27.02.2017-30.04.2017
Second Sessional Examination, Semester-II (Theory & Practical)	:	17.04.2017-30.04.2017
Verification of Records	:	Before 15.04.2017
Commencement of Semester Examination (Even Semester) Theory & Practical	:	As per University Schedule
Declaration of Results	:	40 days after Examination
Summer Vacation	:	01.05.2017-15.06.2017
Commencement of Session 2017-18	:	16.06.2017

Note: Schedule of various curricular and co-curricular activities will be displayed time to time on college notice board.

Date: 09.07.2016


 (R.O. Ganjiwale)
 I/C Principal
 I/c. PRINCIPAL
 Institute of Pharmaceutical Education & Research
 Borgaon (Meghe), Wardha

INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
Borgaon (Meghe), Wardha

STUDENTS FEED BACK FORM ANALYSIS - 2016-17

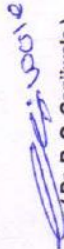
S.No.	Name of Teacher	Class	Subject	1	2	3	4	5	6	7	8	9	10	Total	Remark
1	Dr. R. O. Ganjivale	B.Pharm. IV	P'Cognosy Phytochemistry - VI	0.71	0.71	0.56	0.53	0.59	0.65	0.75	0.63	0.49	0.64	6.26	
2	Dr. M. P. Puranik	B.Pharm. IV M.Pharm. I	Pharmaceutical Analysis IV Q.A. of Cosmeceuticals (Q.A.)	0.95	0.97	0.94	0.78	0.90	0.94	0.86	0.66	0.65	0.83	8.48	
3	Dr. S. A. Khan	B.Pharm. IV M.Pharm. I	Industrial Pharmacy N.D.D.S.	0.98	0.91	0.93	0.89	0.85	0.95	0.67	0.67	0.67	0.85	8.37	
4	Dr. C. R. Tenpe	B.Pharm. IV M.Pharm. I	Industrial Pharmacy N.D.D.S.	0.97	0.94	0.88	0.88	0.88	0.95	0.77	0.67	0.66	0.84	8.43	
5	Dr. S. J. Dighade	B.Pharm. IV M.Pharm. I	Industrial Pharmacy N.D.D.S.	0.83	0.79	0.80	0.89	0.78	0.84	0.82	0.65	0.58	0.53	7.51	
6	Dr. L. G. Rathi	B.Pharm. III M.Pharm. I	Pharmacology IV Ad. P'cology & P'therapeutics	0.97	0.92	0.93	0.96	0.90	0.93	0.71	0.68	0.69	0.91	8.60	
7	Mr. G. D. Dahikar	B.Pharm. III M.Pharm. I	Pharmacology IV Ad. P'cology & P'therapeutics	0.90	0.86	0.87	0.93	0.84	0.89	0.77	0.67	0.64	0.72	8.06	
8	Mr. S. P. Dewani	B.Pharm. II M.Pharm. I	Pharmacology IV Ad. P'cology & P'therapeutics	0.76	0.68	0.58	0.80	0.63	0.66	0.69	0.33	0.47	0.63	6.23	
9	Dr. D. J. Singhavi	B.Pharm. IV M.Pharm. I	Pharmaceutical Chemistry-IV Packaging Technology	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.80	1.00	9.40	
10	Ms. S. P. Gautam	B.Pharm. I B.Pharm. III	Pharmaceutical Chemistry- II Herbal Cosmetics	0.88	0.84	0.79	0.90	0.82	0.83	0.75	0.57	0.64	0.82	7.82	
11	Dr. K. S. Patil	B.Pharm. I M.Pharm. I	Pharmaceutical Chemistry- II Herbal Cosmetics	1.00	0.97	0.79	0.61	0.86	0.75	0.90	0.83	0.59	0.74	8.04	
			Pharmaceutical Chemistry-IV Packaging Technology	1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.80	1.00	9.40	
			P'ceutical Micro & Immunology Sterile Product	1.00	0.99	0.90	0.81	0.93	0.88	0.85	0.82	0.70	0.87	8.72	
			Pharmaceutical Chemistry-IV Packaging Technology	0.89	0.85	0.86	0.57	0.78	0.83	0.65	0.55	0.49	0.89	7.36	
			P'ceutical Micro & Immunology Sterile Product	0.84	0.85	0.91	0.87	0.78	0.85	0.67	0.58	0.49	0.47	7.31	
			Pharmaceuticals (DFT II) P.D.F	0.87	0.85	0.89	0.72	0.78	0.84	0.66	0.57	0.49	0.68	7.34	
			Pharmaceutical Analysis I Clinical Pharmacotherapeutics-I	0.98	0.91	0.94	0.68	0.90	0.88	0.70	0.30	0.82	0.87	7.98	
			Pharmaceuticals - VI Validation & cGMP	0.90	0.91	0.95	0.70	0.92	0.96	0.85	0.63	0.81	0.88	8.52	
			Pharmaceuticals - VI Validation & cGMP	0.94	0.91	0.95	0.69	0.91	0.92	0.78	0.47	0.82	0.88	8.25	
			Pharmaceuticals (DFT II) P.D.F	0.89	0.90	0.91	0.94	0.83	0.87	0.65	0.59	0.70	0.81	8.09	
			Pharmaceuticals (DFT II) P.D.F	1.00	1.00	1.00	0.98	0.98	0.92	0.74	0.72	0.86	0.70	8.90	
			Pharmaceuticals (DFT II) P.D.F	0.95	0.95	0.96	0.96	0.91	0.90	0.70	0.66	0.78	0.76	8.50	
			Pharmaceuticals (DFT II) P.D.F	0.85	0.79	0.92	0.95	0.83	0.95	0.83	0.67	0.87	0.94	8.60	
			Pharmaceuticals (DFT II) P.D.F	1.00	1.00	0.98	1.00	0.98	0.92	0.74	0.72	0.86	1.00	9.20	
			Pharmaceuticals (DFT II) P.D.F	0.93	0.90	0.95	0.98	0.91	0.94	0.79	0.70	0.87	0.97	8.90	
			Pharmaceuticals (DFT II) P.D.F	0.95	0.90	0.93	0.75	0.87	0.90	0.84	0.83	0.77	0.93	8.67	
			Pharmaceuticals (DFT II) P.D.F	0.83	0.80	0.84	0.72	0.79	0.83	0.64	0.36	0.62	0.86	7.29	
			Pharmaceuticals (DFT II) P.D.F	0.89	0.85	0.89	0.74	0.83	0.87	0.74	0.60	0.70	0.90	7.98	
			Pharmaceuticals (DFT II) P.D.F	0.90	0.84	0.77	0.78	0.81	0.77	0.71	0.31	0.41	0.58	6.88	
			Pharmaceuticals (DFT II) P.D.F	0.90	0.90	0.87	0.96	0.88	0.85	0.63	0.64	0.65	0.67	7.95	
			Pharmaceuticals (DFT II) P.D.F	0.90	0.87	0.82	0.87	0.85	0.81	0.67	0.48	0.53	0.63	7.42	

12	Mr. A. M. Patole	B.Pharm. IV M.Pharm. I	Pharmacovigilance Biological Evaluation	0.75	0.73	0.75	0.57	0.74	0.73	0.79	0.68	0.77	0.59	7.10
				0.81	0.86	0.84	0.91	0.87	0.84	0.68	0.57	0.70	0.73	7.81
				0.78	0.80	0.80	0.74	0.81	0.79	0.74	0.63	0.74	0.66	7.46
13	Mrs. J. S. Wankhede	B.Pharm. I B.Pharm. II	Pharmaceutics- II Pharmaceutical Management	0.88	0.79	0.87	0.52	0.79	0.83	0.83	0.82	0.83	0.89	8.05
				0.66	0.65	0.62	0.62	0.62	0.67	0.54	0.51	0.55	0.43	5.87
				0.77	0.72	0.75	0.57	0.71	0.75	0.69	0.67	0.69	0.66	6.96
14	Mr. N. A. Karande	B.Pharm. I B.Pharm. II	Statistics & Comp. Applications Pharmaceutical Analysis - II	0.88	0.86	0.94	0.60	0.86	0.89	0.91	0.83	0.90	0.66	8.33
				0.85	0.89	0.85	0.66	0.85	0.79	0.71	0.58	0.74	0.82	7.74
				0.87	0.88	0.90	0.63	0.86	0.84	0.81	0.71	0.82	0.74	8.04
15	Shri. S. D. Gandhi	B.Pharm. II	Pharmacology - II	0.87	0.84	0.81	0.63	0.75	0.75	0.69	0.58	0.75	0.73	7.40
16	Ms. K. S. Belsare	B.Pharm. I B.Pharm. III	P'Cognosy & Phytochemistry-II P'Cognosy Phytochemistry - IV	0.77	0.65	0.67	0.57	0.70	0.75	0.88	0.82	0.71	0.90	7.42
				0.90	0.86	0.81	0.66	0.79	0.89	0.70	0.31	0.79	0.89	7.60
				0.84	0.76	0.74	0.62	0.75	0.82	0.79	0.57	0.75	0.90	7.51
17	Mr. P. R. Deshmukh	B.Pharm. II B.Pharm. III	Pharmaceutics-IV Pharmaceutical Validation	0.72	0.63	0.71	0.49	0.67	0.66	0.58	0.49	0.48	0.76	6.19
				0.59	0.52	0.57	0.37	0.48	0.57	0.46	0.40	0.36	0.15	4.47
				0.66	0.58	0.64	0.43	0.58	0.62	0.52	0.45	0.42	0.46	5.33
18	Mr. A. Y. Khan	B.Pharm. I M.Pharm. I	Human Ana. Physiology Ad. Systemic Pharmacology	0.54	0.42	0.40	0.74	0.52	0.53	0.43	0.62	0.59	0.81	5.60
				1.00	1.00	1.00	1.00	1.00	1.00	0.80	0.80	0.80	1.00	9.40
				0.77	0.71	0.70	0.87	0.76	0.77	0.62	0.71	0.70	0.91	7.50

Date : 22/04/2017

Abbreviations :-

- 1 Knowledge of subject and Intelligence
- 2 Ability to explain and clarity of speech
- 3 Planning of lecture and class control
- 4 Use of media such as charts, models transparencies, OHP, LCD, Film Projector, Direct projector
- 5 Involvement of students in learning process
- 6 Punctuality in academic work
- 7 Fair and Impartial
- 8 Humiliating the student
- 9 Class tests, surprise test
- 10 Checking of Journals


(Dr. R. O. Ganjiwale)
I/c Principal

I/c. PRINCIPAL

Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha



INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Borgaon (Meghe), Wardha

Parents Feedback and Corrective actions taken

Session 2016-17

Sr. No.	Suggestions given by parents in feedback forms	Forwarded to	Corrective actions taken by institute on suggestions given by parents in the feedback forms.
1	Provide guidance to the students in order to improve educational status of the institute.	Internal Quality Assessment Cell on dated 30-03-2017	Every teacher during teaching and practical hours provides guidance to the students regarding subject matter.
2	Inform regarding extra classes to the parents.	Respective subject teacher on dated 30-03-2017	For extra classes individual teacher give necessary information to the students regarding schedule of extra classes.
3	Teacher should co-operate the students and motivate them whenever necessary.	Respective subject teacher on dated 30-03-2017	Teachers generally co-operate the students and motivate them regarding how to do study and how to collect study material for university examinations and for competitive examinations.
4	Provide Wi - Fi facility and improve computer internet facility.	Library advisory committee on dated 30-03-2017	In library internet facility is already provided and suppose problem arises in the service immediately rectified it by the service provider.
5	Improve canteen facility	Mess and canteen committee on dated 30-03-2017	Necessary directions are given to mess contractor for improvement of canteen facility.

Prepared by  
Mr. G. D. Dahikar and Mr. A. M. Patole


Dr. R. O. Ganjiwale

I/C Principal
I/c. PRINCIPAL
Institute of Pharmaceutical Education & Research
Borgaon (Meghe), Wardha

Best Practices

Best Practice 1:

1. Title of the practice:

Teaching – Learning and Evaluation

2. Goals:

- a. To build competency in the students for the harsh professional competition
- b. To facilitate and promote teaching and learning process
- c. To facilitate teachers academic and professional growth
- d. To implement students assessment and evaluation procedure
- e. To meet the basic aim of MISSION for running the programme
- f. To meet the basic objectives of the programme outcomes (POs), course outcomes (Cos) and programme educational outcomes (PEOs)

3. The Context:

In this context, the institute has employed qualified, experienced and skilled faculty. In the institute, students are admitted through centralise admission process (CAP) conducted by Department of Technical Education (DTE), Maharashtra state. Since the institute is established in 1991 and presently acting as one of the reputed pharmacy institutions, the meritorious students are being admitted every year. The institute has developed adequate physical facilities, maintenance and optimal use of infrastructure, library and computer facilities and other learning resources to run the programme more efficiently.

4. The Practice:

Basically, the teaching-learning activity is composed of teacher, student, learning process and learning evaluation. The teacher prepares the teaching objectives, decides the curriculum plans and employs the teaching-learning process by planning units of syllabi and methods of teaching. The teaching-learning evaluation is then made by oral, written and practical techniques along with theory and practical records.

In this process, teachers of the institute utilize computers / laptops and other audio-visual aids to motivate the learning. The institute has appointed competent teaching faculty in accordance with the University Grant Commission (UGC) norms (i.e. by approved University Selection Panel). Teachers use to prepare academic planner according to the respective academic sessions and syllabi. The teaching is further recorded in daily diary (which is checked and signed by the principal in every week) and attendance register. Teachers of the institute are enough to teach by different methods of teaching using audio-visual aids, computers/ lab tops etc. The teachers inculcated the habit of reading latest books available in the library to provide very recent knowledge of the subject. Moreover teachers are also engaged to use internet facility in downloading the latest reading materials to improve overall teaching-learning process. Teachers use the lecture method with the black-board and other teaching aids. They use to identify and

group students according to their ability to provide additional coaching. For evaluation of the teaching-learning process, teacher conducts surprise tests, class tests, and carries out evaluation by fair means.

In the institute, faculty evaluation is done by Principal periodically. Moreover teachers are being evaluated by outgoing students on the basis of teaching attributes, knowledge, academic qualification and research qualification and steps taken by the teachers for improving their subject knowledge. Additionally, the institute conducts feedback of the faculty from the students. The principal of the institute then do interpretation, analysis and issue feedback certificate to the individual faculty along with suggestions if any.

5. Evidence of success:

The teaching –learning activity is known to raise the performance level of the institution. Since quality of education and excellence of an institution is directly linked with the quality of output of its graduates in different spheres, the institute is being engaged to take the efforts. The institute is also known to provide quality of teaching and modern infrastructure facilities in all over India so as to build quality education and to produce competent pharmacrats (graduates) to foster the harsh competition present in the pharmacy profession.

6. Problems encountered and resources required:

The institute is accredited by National Board of Accreditation (NBA) for two times. Since the institute is established in a remote rural area, there are some levels of shortcomings and weaknesses for example support of Pharmaceutical industries to the institute.

Best Practice 2:

1. Title of the practice:

Research and Development

2. Goals:

- a. To promote teaching and research activities
- b. To promote linkage of the institute-industry through research activities
- c. To motivate the faculty members, post-graduate students and research scholars
- d. To enhance awareness and realization of the faculty members and the students toward research activities
- e. To generate revenue to further boost research activities and other required facilities

3. The Context:

Any premier research and education institutes use to expand research-education technology, research-industry nexus as well as research-training integration. The development of the best practices in research relies on the appropriate recruitment of the most qualified and experienced faculty. Moreover R & D activities are the altogether efforts made by both the students and teachers. The institute of Pharmaceutical Education and Research is established in 1982 with Diploma course in Pharmacy and presently grown to a large extent conducting B. Pharm., M. Pharm. and Ph.D. courses in Pharmacy with national level reputation among the pharmacy institutions. The institute is running P.G. programmes in Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Quality Assurance with highly qualified and experienced faculty. The students of the institute inculcate habit of research activities, in particular the students of P.G. courses.

The institute has been established with all those facilities required to undergo research and development activities. The institute has also signed MOU with different Pharmaceutical industries i.e. Ipca laboratories Pvt. Ltd., Mumbai; Shri Baidyanath Ayurved Bhavan Pvt. Ltd., Nagpur; and Siddhayu Ayurvedic Research Foundation Pvt. Ltd. Nagpur for carrying out different research and consultancy activities. Since these research activities are conducted from last 17 years, it is revealed that the institute (along with faculty members, research students and whole organization) is substantially gaining importance in the Pharmacy profession.

4. The Practice:

The institute is a recognized research (Ph.D.) centre, affiliated to RTM Nagpur University, Nagpur. In the institute, researches related to formulation and development, synthesis and development of biologically active drugs, pharmacological screening (preclinical) of drug substances, herbal drug researches along with analysis and validation of different spectroscopic and chromatographic methods for the pharmaceuticals as well as herbaceuticals are carried out.

For executing the above-mentioned research and development activities, the institute has purchased most of the required instruments. The institute has established a sophisticated spectroscopy and chromatography laboratory, Pilot Plant with various instruments especially used for the formulation and development researches along with different instruments available in the pharmacology and other laboratories.

In the year 1999, the institute has started M. Pharm. programme in Quality Assurance followed by M. Pharm. in Pharmaceutics (2001), Pharmaceutical Chemistry (2004) and Pharmacology (2008). Since inception of different post-graduate courses, the B. Pharm. students always prefer to admit for their P.G. programmes in I.P.E.R. due to infrastructure, quality education and research activities, experienced and highly qualified faculty etc. Since the year 2001, a total number of post graduate students passed from the institute are 581.

The institute has been approved as a research (Ph.D.) centre by R.T.M. Nagpur University since year 2000 with 10 student's intake capacity. Initially, Prof. Dr. P.G. Yeole was the Ph.D. supervisor. Now, Dr. R.O. Ganjiwale, Dr. M.P. Puranik, Dr. C.R. Tenpe, Dr. S.A. Khan, Dr. S.J.

Dighade, Dr. L.G. Rathi are approved as Ph.D. supervisors by R.T.M. Nagpur University, Nagpur. Till date, a total of 17 students have awarded with Ph.D. and 5 more students are pursuing Ph.D. For Ph.D. programme, students of different disciplines were registered and carried out research works related to the formulation and development, synthesis of new chemical entities, pharmacological and biological screening of drug substances employing in vitro and in vivo assays in the experimental animals, phytochemical isolation, purification and characterization along with phytochemical analysis and validation studies, and phyto-formulation as well as phyto-pharmacological protocols.

In the standpoint of research and development, the Ph.D. scholars have developed innovative methods i.e. (a) rapid isolation, purification and identification of the phytocompounds, (b) herbal drug development as immunomodulatory medicine, (c) synthesis and development of new chemical entities, (d) development of nasal drug delivery systems, (e) acute and chronic toxicity (safety and efficacy) studies on the polyherbal formulations, (f) development of HPTLC validated methods for the in-house authentic markers, (g) validation and accelerated stability studies on the allopathic marketed formulations containing different APIs.

It has been revealed that the aforementioned innovative researches are published in the peer-reviewed journals of international repute with high impact factor. When survey is carried out using www.google scholar.com and www.scopus.com, it is evident that some of these published research articles have been cited extensively for upto 50 citations in the reputed journals suggesting the acceptability and the utility of the researches carried out in the institute. More than 2000 citations is the achievement of institute.

Moreover, faculty of the institute are actively involved in the submission of the research project proposals to different Government authorities for the funding sources resulted into approval of a total of 8 research proposals by AICTE as mentioned below-

- a. Upgradation of Teaching Aids and Development of Educational Tools for Pharmaceutical Education Using Multimedia Technology
- b. Phytopharmacological Screening of Herbal Drugs
- c. Brain Targeting of Drugs by Nasal Delivery System
- d. Computer Aided Drug Design and Synthesis of Novel Antimicrobial and Anticancer Agents
- e. Industry Institute Partnership Cell
- f. Standardization of Metal Based Herbal Medicines
- g. Herbal Drug Development as Immunomodulatory Medicine
- h. Design and Development of New Molecule by Microwave Assisted Synthesis

In addition, AICTE has approved 8 conferences/ seminar / faculty development programme / symposia proposals. Currently, in addition to AICTE, the institute has submitted some of the research proposals to the University Grants Commission (UGC) since the institute is affiliated to UGC under 2 (f) and 12 (B) scheme.

Interactions of institute with industries provide new avenues for applied research. Therefore, in this context, the institute has signed MoU with different pharmaceutical industries i.e. Ipca

Laboratories Pvt. Ltd., Mumbai, Baidyanath Research Foundation Ltd., Nagpur and Siddhayu Ayurvedic Research Foundation Pvt. Ltd., Nagpur. The R & D activities, in collaboration with the pharmaceutical industries, are mainly aimed at the elucidation of acute and chronic toxicity studies (safety and efficacy evaluation) of the polyherbal products manufactured by these companies. Moreover, Ipca Laboratories Pvt. Ltd, Mumbai have been sponsored a number of projects related to pharmacological screening (preclinical) of the finished pharmaceutical products (in combinations) using *in vivo* assays in the experimental animals.

Depending on the type of study protocol, the suitable experimental animals are used. The acute and chronic toxicity studies are undertaken by following OECD guidelines. For the pharmacological screening of the finished pharmaceutical products, the officially recommended methods/ protocols are being employed. The institute has been developed all these facilities required to execute the protocols within the stipulated period of time.

5. Evidence of success:

Research and development activities have been greatly benefiting the institute. The faculty members as well as post graduate students of the institute are inculcating the novel researches and other innovative ideas through R & D activities. Till date, more than 165 research articles are published in the journal's of high repute. The innovative researches developed in the institute by P.G. and Ph.D. scholars have been largely utilized for their own purposes and exploiting the profession (Pharmaceutical Sciences) at a large. Interestingly, the institute is recognized with a good reputation in the field of pharmacy. To sum up, the institute is established in a remote rural area with remarkable levels of excellent research culture and integrity towards the R & D activities.

6. Problems encountered and resources required:

Output of the best R &D is also depends on the availability of modern infrastructure with the expensive chemicals, reagents etc. Therefore, removal of obsolescence has to be a vigorous and continuous process. Although the institute got some funds from AICTE, it needs more funding to foster the present needs of further growth in R & D activities.