Vidarbha Youth Welfare Society's

INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH
Borgaon (Meghe), Wardha – 442 001 (M. S.)

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2017-2018

CONTENTS

Estd : 1991

VIDARBHA YOUTH WELFARE SOCIETY'S

INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

Borgaon (Meghe), Wardha, Maharashtra State, India - 442 001

NAAC accredited Grade 'A'

Ph. : 07152 - 240284
Fax. : 07152 - 241684

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

Conducting Degree, Post Graduate and Doctorate Programme in Pharmaceutical Sciences

Ref. No. EST/536/IQAC/2018-19/03

Date: 27/09/2018

To,
The Director,
National Assessment and Accreditation Council,
P.O. Box No. 1075, Nagarbhavi
Bangalore – 560 072, India.

Subject : Submission of Annual Quality Assurance Report 2017-18.

Respected Sir/Madam,

We are pleased to submit Annual Quality Assurance Report of our Institute for academic year 2017-18. The report has been prepared in accordance with the guidelines prescribed by NAAC.

Name of Institute   : Institute of Pharmaceutical Education and Research
The Institution Track ID   : MHCOGN18280
E-Mail ID   : iper4160@gmail.com

Thanking you.

Yours faithfully,

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

Part – A

1. 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:

iper4160@gmail.com

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	1st Cycle	A	3.17	2014	5 years
2	2nd Cycle				
3	3rd Cycle				
4	4th Cycle				

1.7 Date of Establishment of IQAC :   DD/MM/YYYY

01.07.2012

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

2017-18

1.9 Details of the previous year's AQAR submitted to NAAC after the latest Assessment and Accreditation by NAAC ((*for example AQAR 2010-11submitted 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 2016-17 submitted to NAAC on 04/09/2017
   iv. AQAR_____ _____ (DD/MM/YYYY)

1.10 Institutional Status

University   State ☐ Central ☐ Deemed ☐ Private ☑

Affiliated College   Yes ☑   No ☐

Constituent College   Yes ☐   No ☑

Autonomous college of UGC   Yes ☐   No ☑

Regulatory Agency approved Institution   Yes ☑   No ☐

(AICTE and PCI)

Type of Institution   Co-education ☑   Men ☐   Women ☐

Urban ☐   Rural ☑   Tribal ☐

Financial Status   Grant-in-aid ☐   UGC 2(f) ☑   UGC 12B ☑

Grant-in-aid + Self Financing ☐   Totally Self-financing ☑

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

UGC-Special Assistance Programme	No	DST-FIST	No
UGC-Innovative PG programmes	No	Any other (*Specify*)	
UGC-COP Programmes	No		

2. IQAC Composition and Activities

2.1 No. of Teachers — 08

2.2 No. of Administrative/Technical staff — 01

2.3 No. of students — 01

2.4 No. of Management representatives — 01

2.5 No. of Alumni — 01

2.6 No. of any other stakeholder and community representatives — 01

2.7 No. of Employers/ Industrialists — 01

2.8 No. of other External Experts — Nil

2.9 Total No. of members — 14

2.10 No. of IQAC meetings held — 03

2.11 No. of meetings with various stakeholders: No. 09 Faculty 05

Non-Teaching Staff /Students 01 Alumni 01 Others 02

2.12 Has IQAC received any funding from UGC during the year? Yes No

If yes, mention the amount ☐ No √

2.13 Seminars and Conferences (only quality related)

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

Total Nos. | Nil | International | | National | | State | | Institution Level |

(ii) Themes

2.14 Significant Activities and contributions made by IQAC

> 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	Sink and tap of Pharmaceutical chemistry laboratories were replaced. Old curtains of the girl's hostel were replaced by new one. Air conditioners of Spectroscopy lab & Principal chamber, quality assurance lab drainage, carpet and chairs of library and freeze of laboratory were repaired. Net is fitted on the windows of the girl's hostel. Water cooler, front door, pilot plant door, departmental and office chairs and guest room furniture were repaired. Painting to the cupboard of the library was carried out.
Upgradation of Amenities	All computers were updated with antivirus. New printer was purchased and installed in the office. Ten new computers were purchased for the Institute. New boards of some committees were displayed in the Institute. A fibre modem with speed internet was installed in the Institute.
Upgradation of Library	A budget of Rs. 3,05,500/- for B. Pharm and 1,56,000-/ for M. Pharm was approved for the purchase of books, Journals, News-papers and for binding. Three hundred books were purchased from this fund.

Admission and counselling	All the sanctioned seats of UG and 18 seats of PG were filled for academic year 2017-18. Visit to the coaching classes/ colleges were conducted in the last week of November for awareness of pharmacy profession and the data collected during visit will be useful for Institute admission and proper guidance to students
Teaching learning plans	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. New PCI syllabus is implemented for first year of UG & PG. Program committee was constituted according to new PCI syllabi for smooth implementation of syllabus. 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. All records and attendance registers are verified by the principal at the end of the session.
Internal Resources generation	Industrial projects worth Rs. 1.4 lac were completed by pharmacology department and Consultancy worth Rs. 48910/- was also completed successfully by Quality Assurance Department.
Plan for project / seminar / workshop/FDP	Research proposals were submitted to DST and were accepted for evaluation till date.
Research plans and its implementation	Dissertation work of M. Pharm. students was completed. Their internal seminars were completed in the last week of April and final viva in the month of June. B. Pharm final year students also submitted their projects successfully.
Emphasis on publication of faculty and students	Seven papers were published in this session in peer-reviewed journals of international repute. Twenty four students attended the conference/workshop during this session of which five students presented the paper in the conference. Seven faculty members attended the conference, one faculty attended FDP for two week and one faculty chaired the conference.

	Fifteen faculties attended the conference held in the host Institute.
Financial aid to students	Four students received the GPAT scholarship directly to their account from AICTE. 11 girls received Lila Poonawala foundation scholarship. All eligible students are registered for minority and GOI scholarship. Some students received the scholarship from Government.
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.
Feedback from students/parents and its feasible implementation	Student's feedback for faculty, library and hostel and parents feedback was collected and analyzed. Report of analysis was circulated among faculties.
Health services	Health check-up camp was organised on 16.03.2018 by Ayurved College, Sawangi and report was submitted to R.T.M. Nagpur University, Nagpur.
Planning for improvement of placement services	T & P cell of the Institute contacted to HR of various Industries for campus placement and Glaxo-Smithline gave their consent to organise it in the month of July.
Training to students	Training was provided to M. Pharm. students on the sophisticated instruments. Certificates of the same were issued to the students.
Community services	Tree plantation and cleanliness drive was already arranged in July and September respectively. Yoga day was celebrated on 21st June 2017.
Industrial visit	Industrial visit was arranged at Allwin Medicot Pvt. Ltd., Salod, Hirapur, Wardha.
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 29th January, 2017 and Annual Gathering (Fest) on 23 & 24 February, 2018.

	Personality development programme was organised for the students.
Appreciation of student's achievement by awards	It was appreciated during annual gathering on 23 & 24 February 2018. Sports and cultural achievements were also appreciated by the Institute. Gold medal was also awarded by the university to the university toppers in the convocation.

* 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

1. 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 given by Pharmacy Council of India were implemented from session 2017-18. This year, new syllabus is implemented for B. Pharm II year (Semester III).

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 appear for term end examination.
6. Every student shall complete minimum total 208 credits points in eight semesters

   First year (semester I and II)   = 56/58/59 credits

   Second year (semester III and IV)   = 54 credits

   Third year (semester V and VI)   = 52 credits

   Fourth year (semester VII and VIII)   = 46 credits

   Extracurricular / cocurricular activities = 01

     Eight semester total credits   = 209/211/212 credits
7. CGPA equal to 7.50 and above shall be considered as equivalent to First Class with distinction.
8. CGPA equal to 6.00 and above upto 7.49 shall be considered as first class.
9. The syllabus is now job oriented and as per requirement of pharmaceutical industry

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
15	08	04	03	-

2.2 No. of permanent faculty with Ph.D.

09

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

Asst. Professors		Associate Professors		Professors		Others		Total	
R	V	R	V	R	V	R	V	R	V
-	-	-	02	-	01	-	-	-	-

2.4 No. of Guest and Visiting faculty and Temporary faculty   Nil   Nil   07

2.5 Faculty participation in conferences and symposia:

No. of Faculty	International level	National level	State level
Attended	Nil	04	Nil
Presented papers	Nil	Nil	Nil
Resource Persons	Nil	Nil	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   : 190
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

03		

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	60	5.00	43.33	13.33	-	61.66
B. Pharm sem II	60	1.66	51.66	6.66	-	60.00
B. Pharm sem III	56	-	57.14	12.50	-	69.64
B. Pharm sem IV	56	-	-	-	-	71.42
B. Pharm sem V	56	-	51.78	25.00	-	76.79
B. Pharm sem VI	56	1.78	76.78	5.35	-	83.93
B. Pharm sem VII	67	-	59.70	19.40	-	79.10
B. Pharm sem VIII	67	1.49	83.58	5.97	-	91.04
M. Pharm sem I	18	27.77	66.66	-	-	94.44
M. Pharm sem II	18	5.55	55.55	5.55	-	66.66
M. Pharm sem III	24	8.33	58.33	25.00	-	91.66
M. Pharm sem IV	24	-	100	-	-	100

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

a. 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.
b. The HODs, who are members of IQAC, monitor the teaching plans throughout the year.
c. 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.
d. 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.
e. Brain storming discussion in IQAC on improving teaching-learning process and understanding the multiple roles of a teacher in an educational institution.
f. Periodical review of strengths and weaknesses in the teaching-learning process.
g. Providing a frame work to the examination committee in relation to all aspects of examinations.
h. Preparation of feedback forms, analyzing the same, review of deviation and taking corrective action.
i. 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

Faculty / Staff Development Programmes	Number of faculty benefitted
Refresher courses	01
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	Nil
Summer / Winter schools, Workshops, etc.	17
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	01
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	-	-	-	-
Outlay in Rs. Lakhs	-	-	-	-

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	06	03	-
Non-Peer Review Journals	-	-	-
e-Journals	-	-	-
Conference proceedings	-	-	-

3.5 Details on Impact factor of publications:

Range 0.679-5.6   Average 3.139   h-index 224   Nos. in SCOPUS 08

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	2017-18	1. Baidyanath Ayurved Bhavan Pvt. Limited, Nagpur	Rs. 144000	Rs. 144000
Projects sponsored by the University/ College				
Students research projects *(other than compulsory by the*	-	-	-	-

University)				
Any other(Specify)	-	-	-	-
Total	-	-	Rs. 144000	Rs. 144000

3.7 No. of books published | Nil |

     i) With ISBN No. [   ]   Chapters in Edited Books | Nil |

    ii) Without ISBN No. | Nil |

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 | Rs. 192910 |

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 | 03 |

3.13 No. of collaborations   International [ ]   National [ ]   Any other [ ]

3.14 No. of linkages created during this year | Nil |

3.15 Total budget for research for current year in lakhs :

From Funding agency | Nil | From Management of University/College | 1 lakh |

Total | 1 lakh |

3.16 No. of patents received this year

Type of Patent		Number
National	Applied	Nil
	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 : **01**

Total	International	National	State	University	Dist	College
01	-	01	-	-	-	-

3.18 No. of faculty from the Institution
who are Ph. D. Guides   [6]
and students registered under them   [02]

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

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 [02]

NCC [   ]   NSS [06]   Any other [03]

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

- Health check-up camp organised on 16th March, 2018 in collaboration with Ayurved College, Sawangi(Meghe), Wardha

- Counselling to students for increasing the awareness of Pharmacy profession in the month of November.

- Intercollegiate quiz competition was organised on 24th February, 2018

- Tree plantation, Yoga shibir, Swachtta abhiyan and Young inspiration Network YIN was carried out under the banner of N.S.S.

- Personality development programme was organised for the students on 27th February 2018

- Intercollegiate debate competition was organised on 29th January, 2018

- 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 Allwin Medicot Pvt. Ltd., Salod, Hirapur for 42 students on 30/12/2017.

- One day workshop on way to Scientific writing and publishing with effective tools was organised on 8th March 2018.

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 (≥ 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 "Benthum 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	4853	4782020	181	139857	5034	4921877
Reference Books	1501	3035000	32	201809	1533	3236809
e-Books	-	-	-	-	-	-
Journals	140	480093	30	71569	170	551662
e-Journals	96	395021	24	115698	120	510619
Digital Database	334	-	31	-	365	-
CD & Video	-	-	-	-	-	-
Others (specify)	-	-	-	-	-	-

4.4 Technology up gradation (overall)

	Total Computers	Computer Labs	Internet	Browsing Centres	Computer Centres	Office	Depart-ments	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 — 18120

ii) Campus Infrastructure and facilities — 36178

iii) Equipments — 8060

iv) Others (ICT, Equipment & Furniture) — 5815

Total : 68173

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
239	42	02	-

(b) No. of students outside the state

01

(c) No. of international students

Nil

Men	No	%
	98	34.62

Women	No	%
	185	65.37

Last Year (2016-17)						This Year (2017-18)					
General	SC	ST	OBC	Physically Challenged	Total	General	SC	ST	OBC	Physically Challenged	Total
62	49	08	192	01	312	57	40	07	177	02	283

	Last Year	This Year
Demand ratio	1:1.08	1:0.99
Dropout %	0	0

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

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

No. of students beneficiaries | 43 |

5.5 No. of students qualified in these examinations

NET		SET/SLET		GATE		CAT	
IAS/IPS etc		State PSC		UPSC		Others	14

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.
> a. Organizing guest lectures of the expert, lectures on personality developments.
> b. Mentoring, Guardian-Teacher (cluster scheme), Teacher-parent meet and Value based programs/lectures
> c. Displaying various advertisements related to jobs and recruitments in various fields.
> d. The students are consistently encouraged to appear for various competitive examinations, such as GPAT, CAT, CET, GRE, TOEFL, MPSC/UPSC and others.
> e. The application forms at various examinations and entrance test are made available to the students. The eligible students are encouraged to apply for job.
> f. Guiding the students on various placement aspects such as interviews, resume making, group discussion etc. under ISTE students chapter
> g. Organizing placement camps in collaboration with private and public agencies.
> h. 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 | 91 |

5.7 Details of campus placement

On campus			Off Campus
Number of Organizations 1Visited	Number of Students Participated	Number of Students Placed	Number of Students Placed
Nil	Nil	Nil	24

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   03   National level   01   International level

    No. of students participated in cultural events

    State/ University level   15   National level   International level

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

    Sports : State/ University level   01   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	190	13324376
Financial support from other sources	73	3070000
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 pharmacrat.

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 the implementation of PCI 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 Pro Vice-chancellor at the Parent University, the CBS pattern is changed to CGBS, credit and grade based system.

a. Institute organized curriculum meeting for discussion on new syllabus involving the participation of staff members and subject experts.
b. The syllabus demonstrates interrelationship between disciplines.
c. 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

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

6.3.3 Examination and Evaluation

The examination committee takes care of the internal, University and Non-university examination processes. The committee prepares a schedule containing dates of internal examination; deadlines are set for valuation of papers and submission of marks, scrutiny and re-totaling of submitted internally assessed scripts. The examination committee

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 roaster 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 roaster 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 organized 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 d. Health Insurance
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	No	--	Yes	Institute
Administrative	No	--	Yes	Institute

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?

> a. Introduction of on screen valuation of university exam answer sheets.
> b. Introduction of online enrolment of student, registration for examination, and generation of hall ticket
> c. Online submission of internal assessment marks of Theory and Practical
> d. Introduction of OMR (Optical Mark Recognition) sheets on the front page of the answer booklet in the final examinations
> e. Increase in the number of pages in the answer booklet to avoid the use of additional sheets
> f. Reduction in the number of examination centres to have better control over the examination process and appointment of a squad in each centre
> g. Ease in the rules for students to apply for a photocopy of their answer scripts if they are unhappy with their marks
> h. Streamlining the online evaluation process in assessment centre
> i. Compulsion of minimum attendance of 75% in each paper for the students to appear in final examination
> j. The major reform RTM Nagpur University implemented is changing annual pattern to Semester, Credit & Grading.
> k. The CGB based semester pattern has been introduced for UG and PG programmes from the session2017-18.

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 of 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

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Action Taken Report

1 Upgradation and Maintenance of Laboratory facilities

Sink and tap of Pharmaceutical chemistry laboratories were replaced. Old curtains of the girl's hostel were replaced by new one. Air conditioners of Spectroscopy lab & Principal chamber, quality assurance lab drainage, carpet and chairs of library and freeze of laboratory were repaired. Net is fitted on the windows of the girl's hostel. Water cooler, front door, pilot plant door, departmental and office chairs and guest room furniture were repaired. Painting to the cupboard of the library was carried out.

2 Upgradation of Amenities

All computers were updated with antivirus. New printer was purchased and installed in the office. Ten new computers were purchased for the Institute. New boards of some committees were displayed. A process of installing a fibre modem for high speed internet is in progress.

3 Upgradation of Library

A budget of 3,05,500/- for B. Pharm and 1,56,000-/ for M. Pharm was approved for the purchase of books, Journals, News-papers and for binding. Three hundred books were purchased from this fund.

4 Admission and Councilling

All the sanctioned seats of UG and 18 seats of PG were filled for academic year 2017-18. Visit to the coaching classes/ colleges were conducted in the last week of November for awareness of pharmacy profession and the data collected during visit will be useful for Institute admission and proper guidance to students

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. New PCI syllabus is implemented for first year of UG & PG. Program committee was constituted according to new PCI syllabi for smooth implementation of syllabus.

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. All records and attendance registers are verified by the principal at the end of the session.

6. **Internal resources generation**
Industrial projects worth Rs. 1.4 lac were completed by pharmacology department and Consultancy worth Rs. 48910/- was also completed successfully by Quality Assurance Department.

7. **Plan for seminar/workshop**
Research proposals were submitted to DST and were accepted for evaluation till date.

8. **Plan for research activity and promotion**
Dissertation work of M. Pharm. students was completed. Their internal seminars were planned in the last week of April. B. Pharm final year students also submitted their projects.

9. **Publication of faculty and students**
Seven papers were published in this session in peer-reviewed journals of international repute. Twenty four students attended the conference/workshop during this session of which five students presented the paper in the conference. Seven faculty members attended the conference, one faculty attended FDP for two week and one faculty chaired the conference. Fifteen faculties attended the conference held in the host Institute.

10. **Financial aid to students**
Four students received the GPAT scholarship directly to their account from AICTE. 11 new girls received Lila Poonawala foundation scholarship. All eligible 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 will be implemented.

12. **Feedback from 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.

13. **Health services**
Health check-up camp was organised on 16.03.2018 by Ayurved College, Sawangi and report was submitted to R.T.M. Nagpur University, Nagpur.

14. **Planning for improvement of placement services**
T & P cell of the Institute contacted to HR of various Industries for campus placement.

15. **Training to teachers and students**
Training was provided to M. Pharm. students on the sophisticated instruments. Certificates of the same will be issued to the students.

16. **Community services**
Tree plantation and cleanliness drive was already arranged in July and September respectively. Yoga day was celebrated on 21st May 2017.

17 **Industrial and Hospital visit**
Industrial visit was arranged for the students at Allwin Medicot Pvt. Ltd., Salod, Hirapur for 42 students on 30/12/2017.

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)

> **STRENGHTS**
>
> 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

Name: Prof. R. O. Ganjiwale

_____
Signature of the Coordinator, IQAC

_____
Signature of the Chairperson, IQAC

***

Annexure I

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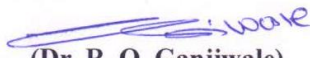
ACADEMIC CALENDER

B.Pharm Course 2017 - 18 (Semester Pattern)

First Term (Odd semester)	:	16.06.2017
Commencement of Classes: Semester- III V, and VII	:	16.06.2017
Semester –I		01.08.2017
First Sessional Examination, Semester- III ,Vth & VII	:	10.08.2017 to 18.08.2017
Second Term	:	19/08/2017
Ganesh Festival	:	25.08.2017 to 5.09.2017
First Sessional Examination, Semester -I	:	11.09.2017 to 16.09.2017
Parents Meet	:	07.10.2017
Second Sessional Examination, Semester – III,V & Semester- VII(Theory & Practical)	:	03.10.2017 to 14.10.2017
Winter Vacation	:	16.10.2017 to 21.10.2017
Verification of Records Semester – I , III,V & VII	:	Before 01.11.2017
Second Sessional Examination, Semester – I (Theory & Practical)		01.11.2017 to 11.11.2017
Commencement of Semester Examination (Odd Semester) (Theory & Practical)	:	As per University Schedule
First Term (Even Semester)	:	18.12.2017
Commencement of Classes Semester II, IV, VI & VIII	:	18.12.2017
Educational Tour	:	17.12.2017 to 24.12.2017
69th IPC 2017	:	22.12.2017 to 24.12.2017
Late Prof. Ram Meghe Memorial Debate Competition	:	29.01.2018
Annual Gathering	:	30.01.2018 to 31.01.2018
Alumni Meet	:	31.01.2018
First Sessional Examination, Semester –II, IV , VI & VIII	:	12.02.2018 to 19.02.2018
Second Term (Even Semester)	:	20.02.2018
Second Sessional Examination, Semester –II IV, VI & VIII (Theory & Practical)	:	09.04.2018 to 20.04.2018
Verification of Records	:	Before 10.04.2018
Commencement of Semester Examination (Even Semester) (Theory & Practical)	:	As per University Schedule
Commencement of Session 2018-19	:	18.06.2018

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

Date: 03.08.2017

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

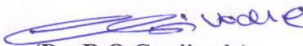## INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH, BORGAON (MEGHE), WARDHA

ACADEMIC CALENDAR

M.Pharm Course 2017-18 (Semester Pattern)

First Term (Odd Semester)	:	16.06.2017
Commencement of Classes	:	Semester- III: 16.06.2017 Semester-I : 21.08.2017
Ganesh Festival	:	25.08.2017- 5.09.2017
First Sessional Examination, Semester-III Sem I (Theory & Practical)	:	14.08.2017 – 16.08.2017 25.09.2017 – 30.09.2017
Parents Meet	:	07.10.2017
Winter Vacation	:	16.10.2017-21.10.2017
Second Term (Odd Semester)	:	23.10.2017
Educational Tour	:	17.12.2017-24.12.2017
IPC 2017	:	22.12.2017-24.12.2017
Second Sessional Examination, Semester- I &III (Theory & Practical)	: :	20.11.2017- 25.11.2017
Verification of Records	:	Before 18.11.2017
Commencement of Semester Examination (Odd Semester) Theory & Practical	:	As per University Schedule
Declaration of Results	:	45 days after Examination
First Term (Even Semester)	:	18.12.2017
Commencement of Classes	:	Semester- II: 18.12.2017
Late Prof. Ram Meghe Memorial Debate Competition	:	29.01.2018
Annual Gathering	:	30.01.2018-31.01.2018
Alumni Meet	:	31.01.2018
First Sessional Examination, Semester-II	:	12.02.2018-17.02.2018
Second Term (Even Semester)		19.02.2018-30.04.2018
Second Sessional Examination, Semester-II (Theory & Practical)	: :	09.04.2018-20.04.2018
Verification of Records	:	Before 07.04.2018
Commencement of Semester Examination (Even Semester) Theory & Practical	:	As per University Schedule
Declaration of Results	:	45 days after Examination
Summer Vacation	:	01.05.2018-16.06.2018
Commencement of Session 2018-19	:	18.06.2018

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

Date: 04.08.2017

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

Annexure II

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

STUDENTS FEED BACK FORM ANALYSIS - 2017-18

S.No.	Name of Teacher	Class	Subject	1	2	3	4	5	6	7	8	9	10	Total	Remark
1	Dr. R. O. Ganjiwale														
2	Dr. M. P. Puranik	B.Pharm. IV	Pharmaceutical Analysis IV	0.97	0.98	0.96	0.75	0.89	0.94	0.86	0.69	0.68	0.80	8.52	
		M.Pharm. I	P'ceutical Validation (Q.A.)	1.00	1.00	1.00	0.84	0.96	0.96	0.88	0.20	0.52	0.96	8.32	
				0.99	**0.99**	**0.98**	**0.80**	**0.93**	**0.95**	**0.87**	**0.45**	**0.60**	**0.88**	**8.42**	
3	Dr. S. A. Khan	B.Pharm. IV	Industrial Pharmacy	0.92	0.75	0.78	0.88	0.71	0.84	0.81	0.64	0.61	0.45	7.39	
		M.Pharm. I	Molucular p'ceutics (PH)	1.00	0.96	1.00	1.00	1.00	1.00	0.40	0.12	0.80	1.00	8.28	
				0.96	**0.86**	**0.89**	**0.94**	**0.86**	**0.92**	**0.61**	**0.38**	**0.71**	**0.73**	**7.84**	
4	Dr. L. G. Rathi	B.Pharm. II	Pharmacetuical Chemistry-IV	0.94	0.86	0.90	0.55	0.81	0.89	0.78	0.68	0.54	0.90	7.85	
		M. Pharm. I	Hazards & safety (QA)	0.84	0.84	0.88	0.84	0.84	0.92	0.88	0.16	0.52	0.96	7.68	
				0.89	**0.85**	**0.89**	**0.70**	**0.83**	**0.91**	**0.83**	**0.42**	**0.53**	**0.93**	**7.77**	
5	Mr. G. D. Dahikar	B.Pharm. III	P'ceutical Medicinal Chemistry II	0.91	0.76	0.85	0.60	0.77	0.86	0.73	0.62	0.72	0.80	7.62	
		B.Pharm. IV	P'ceutical Biotechnology and Molecular Biology	0.95	0.89	0.91	0.68	0.88	0.89	0.85	0.69	0.73	0.85	8.32	
				0.93	**0.83**	**0.88**	**0.64**	**0.83**	**0.88**	**0.79**	**0.66**	**0.73**	**0.83**	**7.97**	
6	Mr. S. P. Dewani	B. Pharm. I	Computer Appli. in Pharmacy	0.80	0.66	0.75	0.87	0.59	0.67	0.74	0.48	0.41	0.74	6.71	
		B.Pharm. II	P'ceutical Micro. & Immunology II	0.86	0.79	0.77	0.92	0.71	0.77	0.69	0.66	0.56	0.77	7.50	
		M.Pharm. I	Computer Aided Drug Designing (PH)	1.00	1.00	1.00	1.00	1.00	1.00	0.40	0.12	0.80	1.00	8.32	
				0.89	**0.82**	**0.84**	**0.93**	**0.77**	**0.81**	**0.61**	**0.42**	**0.59**	**0.84**	**7.51**	
7	Dr. D. J. Singhavi	B.Pharm. IV	Pharmaceutics (DFT II)	0.92	0.85	0.92	0.89	0.85	0.94	0.84	0.69	0.84	0.84	8.58	
		M.Pharm. I	Advanced Biop'ceutics (PH)	1.00	1.00	1.00	1.00	1.00	1.00	0.40	0.12	0.80	1.00	8.32	
				0.96	**0.93**	**0.96**	**0.95**	**0.93**	**0.97**	**0.62**	**0.41**	**0.82**	**0.92**	**8.45**	
8	Ms. S. P. Gautam	B.Pharm. I	Biochemistry	0.95	0.92	0.94	0.88	0.83	0.89	0.85	0.50	0.61	0.90	8.27	
		B.Pharm. III	Clinical Pharmacotheraputics-I	0.71	0.71	0.73	0.69	0.67	0.77	0.58	0.56	0.65	0.78	6.85	
				0.83	**0.82**	**0.84**	**0.79**	**0.75**	**0.83**	**0.72**	**0.53**	**0.63**	**0.84**	**7.56**	
9	Mr. A. M. Patole	B.Pharm. IV	Pharmacovigilance	0.79	0.67	0.63	0.48	0.69	0.63	0.75	0.68	0.56	0.50	6.38	
		M.Pharm. I	P'cological Toxicology (P'cology)	0.85	1.00	0.93	0.98	0.98	0.98	0.55	0.13	0.38	0.93	7.71	
		M.Pharm. I	Principle of Drug Discovery (P'cology)	0.88	0.98	0.93	0.93	0.95	0.98	0.55	0.13	0.35	0.93	7.61	
				0.84	**0.88**	**0.83**	**0.80**	**0.87**	**0.86**	**0.62**	**0.31**	**0.43**	**0.79**	**7.23**	
10	Mrs. J. S. Wankhede	B.Pharm. I	Environmental Sciences	0.63	0.59	0.64	0.45	0.55	0.67	0.60	0.58	0.62	0.60	5.93	
		B.Pharm. II	Pharmaceutical Management	0.77	0.71	0.74	0.59	0.71	0.78	0.73	0.68	0.66	0.47	6.84	
		M.Pharm. I	Cosmetics (PH)	0.96	0.88	0.84	0.92	0.92	0.88	0.40	0.12	0.80	1.00	7.72	
				0.79	**0.73**	**0.74**	**0.65**	**0.73**	**0.78**	**0.58**	**0.46**	**0.69**	**0.69**	**6.83**	

#	Name	Class	Subject	1	2	3	4	5	6	7	8	9	10	Total
11	Mr. N. A. Karande	B.Pharm. II	Pharmaceutical Analysis II	0.79	0.80	0.88	0.46	0.79	0.84	0.81	0.64	0.62	0.78	7.41
		M.Pharm. I	Audits & Regulatory (QA)	0.96	0.96	1.00	0.84	0.96	0.96	0.92	0.08	0.56	0.96	8.20
				0.88	**0.88**	**0.94**	**0.65**	**0.88**	**0.90**	**0.87**	**0.36**	**0.59**	**0.87**	**7.81**
12	Shri. S. D. Gandhi	B.Pharm. II	Pharmacology - II	0.92	0.88	0.80	0.54	0.83	0.83	0.79	0.65	0.73	0.66	7.63
		B.Pharm. III	Pharmacology - IV	0.92	0.92	0.78	0.64	0.77	0.76	0.74	0.67	0.74	0.67	7.61
		M.Pharm.I	Advanced P'cology (P'cology)	0.95	0.98	0.85	0.70	0.95	0.88	0.48	0.13	0.35	0.93	7.20
				0.93	**0.93**	**0.81**	**0.63**	**0.85**	**0.82**	**0.67**	**0.48**	**0.61**	**0.75**	**7.48**
13	Ms. S. V. Padhare	B.Pharm. III	P'Cognosy & Phytochemistry-IV	0.77	0.77	0.72	0.55	0.72	0.75	0.64	0.61	0.71	0.78	7.02
		B.Pharm. IV	P'Cognosy Phytochemistry - VI	0.72	0.74	0.63	0.53	0.67	0.74	0.70	0.55	0.58	0.75	6.61
				0.75	**0.76**	**0.68**	**0.54**	**0.70**	**0.75**	**0.67**	**0.58**	**0.65**	**0.77**	**6.82**
14	Ms. V. A. Tople	B.Pharm. II	Pharmaceutics-III	0.44	0.41	0.43	0.38	0.41	0.58	0.49	0.51	0.42	0.46	4.53
15	Mr. A. Y. Khan	B.Pharm. I	Human Ana. & Physiology	0.76	0.52	0.57	0.53	0.66	0.63	0.73	0.55	0.52	0.65	6.12
		M.Pharm. I	P'covigilence (P'cology)	0.98	1.00	0.93	0.98	0.95	0.98	0.55	0.13	0.38	0.93	7.81
				0.87	**0.76**	**0.75**	**0.76**	**0.81**	**0.81**	**0.64**	**0.34**	**0.45**	**0.79**	**6.97**
16	Mrs. M. V. Navadkar	B.Pharm. I	Pathophysiology	0.80	0.78	0.86	0.80	0.75	0.80	0.75	0.54	0.76	0.74	7.58
		B.Pharm. III	P'ceutical Validation	0.85	0.83	0.83	0.76	0.77	0.80	0.67	0.64	0.82	0.70	7.67
				0.83	**0.81**	**0.85**	**0.78**	**0.76**	**0.80**	**0.71**	**0.59**	**0.79**	**0.72**	**7.63**
17	Ms. P. G. Swami	B.Pharm. I	P'ceutical Organic Chem. I	0.63	0.53	0.60	0.52	0.69	0.68	0.61	0.57	0.69	0.75	6.27
		M.Pharm. I	P'ceutical Manuf. Tech. (QA)	1.00	1.00	0.96	0.84	1.00	1.00	0.96	0.16	0.52	0.84	8.28
				0.82	**0.77**	**0.78**	**0.68**	**0.85**	**0.84**	**0.79**	**0.37**	**0.61**	**0.80**	**7.28**
18	Mr. A. B. Budhrani	B.Pharm. III	P'ceutics - V	0.46	0.55	0.61	0.74	0.64	0.62	0.52	0.50	0.69	0.76	6.09

Date : 25/04/2018

Abbrevations :-

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 2017-18

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 facility for filling of scholarship forms in college.	Respective class teacher and guardian teacher on dated 30-03-2018	Every class teacher and guardian teacher helps to every eligible student for filling and forwarding scholarship forms on DBT portal or on Govt. scholarship site.
2	Improve canteen and drinking water facility	Mess and canteen committee on dated 30-03-2018	Necessary directions are given to mess contractor for improvement of canteen facility and separate water coolers along with aqua guards are provided on each floor.
3	Give more timing for library	Library Committee on dated 30-03-2018	The library remains open till 7.00 pm every day after completion of college timing.
4	Develop various skills to overall development of the student and college	Cultural committee and ISTE committee on dated 30-03-2018	Extra curricular and co-curricular activities are carried out under ISTE chapter and GFC as well as Annual gathering every year.
5	Improve common room facility	Respective teacher in charge on dated 30-03-2018	Separate cupboards and toilet rooms are provided in girl's common room.

Prepared by

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

Dr. R. O. Ganjiwale

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, 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.

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. 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 2 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 pee-reviewed journals of international repute with high impact factor. When survey is carried out using *www.googlescholar.com* and *www.scopus.com*, it is evident that some of these published research articles have been cited extensively for more than 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 Laboratoratories 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 175 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.