



Vidarbha Youth Welfare Society's

INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARCH

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

ANNUAL QUALITY ASSURANCE REPORT (AQAR)

2018-2019



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Part – A**Data of the Institution**

1. Name of the Institution: INSTITUTE OF PHARMACEUTICAL EDUCATION AND RESEARH

- Name of the Head of the institution : Dr. R. O. Ganjiwale
- Designation: I/c Principal
- Does the institution function from own campus: Yes
- Phone no./Alternate phone no.: 07152240284
- Mobile no.: 9890816170
- Registered e-mail: iper4160@gmail.com
- Alternate e-mail : dr_yeolepg@yahoo.co.in
- Address :Hinganghat Road, Borgaon(Meghe), Wardha
- City/Town : Wardha
- State/UT : Maharashtra
- Pin Code : 442001

2. Institutional status:

- Affiliated / Constituent: Affiliated
- Type of Institution: Co-education/Men/Women : Co-education
- Location : Rural/Semi-urban/Urban: Rural
- Financial Status: UGC 2f and 12 (B) and Self financing
- Name of the Affiliating University: Rashtra Sant Tukdoji Maharaj Nagpur University, Nagpur
- Name of the IQAC Co-ordinator : Dr. L. G. Rathi
- Phone no. : 07152240284
Alternate phone no.: 8766921103
- Mobile: 9422144079
- IQAC e-mail address: iper4160@gmail.com
- Alternate Email address: rathilg@rediffmail.com

3. Website address: www.iperwardha.com

Web-link of the AQAR: (Previous Academic Year): https://www.iperwardha.com/wp-content/uploads/2018/09/AQAR_2017-18.pdf

4. Whether Academic Calendar prepared during the year?

Yes/No: Yes, if yes, whether it is uploaded in the Institutional website: Yes

Weblink: <http://www.iperwardha.com>

5. Accreditation Details:

Cycle	Grade	CGPA	Year of Accreditation	Validity Period
1 st	A	3.17	2014	from:24.09.2014 to: 23.09.2019

6. Date of Establishment of IQAC: DD/MM/YYYY: 01.07.2012

7. Internal Quality Assurance System

7.1 Quality initiatives by IQAC during the year for promoting quality culture		
Item /Title of the quality initiative by IQAC	Date & duration	Number of participants/beneficiaries
Feedback from all stakeholders collected, analysed and used for improvements	February	350
Timely submission of AQAR to NAAC	27.09.2018	
Regular meeting of IQAC	11.08.2018, 24.11.2018, 20.02.2019, 04.05.2019	25
Conducted Academic Administrative Audit	August One month	
Participation in NIRF	November One month	

Note: Some Quality Assurance initiatives of the institution are:

(Indicative list)

- Regular meeting of Internal Quality Assurance Cell (IQAC); timely submission of Annual Quality Assurance Report (AQAR) to NAAC; Feedback from all stakeholders collected, analysed and used for improvements
- Academic Administrative Audit (AAA) conducted and its follow up action
- Participation in NIRF
- ISO Certification
- NBA etc.
- Any other Quality Audit

8. Provide the list of funds by Central/ State Government-
UGC/CSIR/DST/DBT/ICMR/TEQIP/World Bank/CPE of UGC etc.

Institution/ Department/Faculty	Scheme	Funding agency	Year of award with duration	Amount
Institute of Pharmaceutical Education and Research, Wardha	Digital Literacy for women	Maharashtra State Women's Commission	2019	48000

9. Whether composition of IQAC as per latest NAAC guidelines: Yes/No: Yes

*upload latest notification of formation of IQAC <http://www.iperwardha.com/pages/naac.php>

10. No. of IQAC meetings held during the year: 4

The minutes of IQAC meeting and compliance to the decisions have been uploaded on the institutional website : <http://www.iperwardha.com/pages/naac.php>

Yes/No : Yes

(Please upload, minutes of meetings and action taken report)

11. Whether IQAC received funding from any of the funding agency to support its activities during the year? No

If yes, mention the amount: Year:

12. Significant contributions made by IQAC during the current year (maximum five bullets)

- * Academic Administrative Audit conducted
- * Feedback collected from all stakeholders, analysed and used for improvements on quality related institutional processes
- * Annual Quality Assurance Report was prepared and submitted in due course of time as per the guidelines and parameters of NAAC
- * Developed the process of documentation of various activities leading to quality improvement

13. Plan of action chalked out by the IQAC in the beginning of the Academic year towards Quality Enhancement and the outcome achieved by the end of the Academic year

Plan of Action	Achievements/Outcomes
1. Maintenance	Electronic balance, magnetic stirrer, vacuum pump, oven dissolution test apparatus and ball mill were not working. All above instruments got repaired during this session. Two exhaust fans, LCD, OHP and ducting cooler were repaired. Renovation of guest house and

2. Upgradation of Amenities	<p>dining hall was carried out. Cleaning of ACP panel was carried out.</p> <p>LCD was purchased for upgradation of class room. Fifteen chairs of seminar halls were replaced by new executive chairs. New internet connection of radio modem was installed for high speed. A total of 55 damaged taps of Pharmaceutics, Pharmaceutical chemistry and Pharmacognosy laboratory were replaced. Windows of the girls hostels were covered with Mosquito net.</p>
3. Upgradation of Library	<p>Railwire internet connection was installed with a speed of 20 mbps. A budget of 300000/- for B. Pharm and 175000/ for M. Pharm was approved for the purchase of books, Journals, News-papers and for binding. More than 1000 books were purchased from this fund. Four racks were procured for storage of new purchased books.</p>
4. Admission and counselling to new students	<p>All the sanctioned seats of UG and 37 seats of PG were filled for academic year 2018-19. Counselling was made by the class teacher for newly admitted students to make them aware regarding the facilities available in the Institute. Career counselling and counselling regarding scholarship were also made for the students.</p>
5. Teaching Learning Plans	<p>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/first week of January. New PCI syllabus is implemented for second year of UG. Program committee constituted according to new PCI syllabi is responsible for smooth implementation of syllabus.</p> <p>The syllabi of even semester were also covered by faculty in sufficient depth. 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</p>

	by the principal at the end of the session.
6. Internal Resources generation	Industrial projects worth Rs. 1.88 lac were completed by pharmacology department and Consultancy worth Rs. 60000/- was also completed successfully by Quality Assurance and Pharmaceutics Department.
7. Plan for Project / seminar / workshop / FDP	Six Research/seminar grant proposals were submitted to AICTE and the result of evaluation is awaited till date. Two days international conference was organised on 21 st and 22 nd February. Dr. M.P. Puranik attended the refresher programme at Government college of Pharmacy, Aurangabad. Three faculty members presented the scientific work orally in Eight Annual International Conference and Exhibition, SPER organised by the Institute and Dr. S.A. Khan received third prize. More than fifty students attended the conference/workshop during this session of which eight students presented the paper in the conference. Twenty faculty members attended the conference. Two days deminar was organised by the Institute. in collaboration with Anchrom Enterprises (I) Pvt. Ltd.
8. Research Plans and its implementation	Dissertation work of M. Pharm. students was completed. Their internal seminars were arranged in the last week of April. B. Pharm final year students also submitted their projects and their viva is scheduled on 14 th May 2019.
9. Emphasis on publication of faculty and students	Eleven papers were published in this session in peer-reviewed journals of international repute.
10. Financial aid to students	Five students received the GPAT scholarship directly to their account from AICTE. All eligible students were registered for minority and GOI scholarship. Half of the scholarship amount was received to the Institute from the Government and Maintenance allowance and examination fees were credited directly to the students account.
11. Parent Teachers meeting	Meeting was organised on 09/02/2019. Feedback of the parents was collected after the meeting. Parents expressed their views.

12. Feedback from students regarding academic, library and hostel, from parents, from alumni and its feasible implementation	<p>Suggestions made by the parents during meeting were Implemented.</p> <p>Student's feedback for faculty, library, and hostel and parents feedback was collected and analyzed. Report of analysis will be circulated among faculties.</p>
13. Health services	<p>Health check-up camp was organised on 18/03/2019 by Mahatma Gandhi Ayurved College Hospital and Research Centre, Sawangi and report was submitted to R.T.M. Nagpur University, Nagpur.</p>
14. Planning for improvement of placement services	<p>Campus interviews were arranged by Glaxo-Smithkline and Gentek Life Sciences Ltd. on 11th July 2018 and 16th January 2019 respectively. 155 students were appeared for the interview and nine students were shortlisted by the companies for further rounds.</p>
15. Training to teachers and students	<p>Training was provided to M. Pharm. students on the sophisticated instruments. Certificates of the same will be issued to the students.</p>
16. Community services	<p>Yoga day was celebrated on 21st May 2018. Tree plantation was carried on 16/07/2018. Around 50 plants were sowed in the Institute during the drive. Cleanliness drive was arranged in the month of September. Awareness on Human Rights, Indian Judiciary System and Constitution of India was organised on 3rd October 2018. 300 students were benefited by the camp. Pharmacy week rally was arranged on 25/10/2019 to create awareness of pharmacy profession in the community. Scrub Typhus awareness rally was organised on World Health Day, 7th April 2019 and Blood donation camp was organised on 01/01/2019. A total of 25 bags of blood were donated by the students.</p>
17. Industrial and Hospital visit	<p>Industrial visit was arranged on 18/12/2018 at Adroit Pharmaceuticals Pvt. Ltd., Nagpur for 50 students and 2 staff members.</p>
18. Appreciation of student's achievement by awards	<p>It was appreciated during annual gathering on 25th March 2019. Sports and cultural</p>

	achievements were also appreciated by the Institute. Gold medal was also awarded to the toppers during the function.
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14. Whether the AQAR was placed before statutory body? Yes /No: No

Name of the Statutory body:

Date of meeting(s):

15. Whether NAAC/or any other accredited body(s) visited IQAC or interacted with it to assess the functioning?

Yes/No: No

Date:

16. Whether institutional data submitted to AISHE: Yes/No: Yes

Year: 2019

Date of Submission:

17. Does the Institution have Management Information System?

No

If yes, give a brief description and a list of modules currently operational.
(Maximum 500 words)

Part-B

CRITERION I – CURRICULAR ASPECTS

1.1 Curriculum Planning and Implementation

1.1.1 Institution has the mechanism for well planned curriculum delivery and documentation. Explain in 500 words

The institution develops and deploys the action plan for effective implementation of the curriculum through PDCA model in the following way:

The institution follows the curriculum of RTM Nagpur University. However, for effective implementation of the curriculum, the institution adopts the following steps:

Plan:

- a. By preparing college time-table scheduling the required number of classes per teacher per subject.
- b. By Preparing academic calendar covering various activities for the entire semester on the basis of the academic calendar of the RTM Nagpur University.
- c. By preparing academic planner for individual subject.
- d. By preparing course file comprising of the calendar of events, syllabus, question bank, assignment bank and books for reference at the beginning of each semester.
- e. By forming various committees of staff for different activities.

Do:

- a. Display of academic calendar to every student.
- b. Enroll the students in various extension activities such as NSS, ISTE etc.
- c. Assign the work load to the individual faculty.
- d. Distribution of academic diaries at the very beginning of the session to the faculty is a regular practice.
- e. Effective implementation of curriculum as per the academic planner is recorded in the work dairy of each staff member which is scrutinized by the Principal on regular basis.
- f. Formation of 'Teacher-Guardian clusters'.
- g. Evaluation of students through regular class tests, and sessional examination.
- h. Assessment of practical records/ journals
- i. Giving home assignments
- j. Invites renowned academicians to deliver talk on recent technological aspects.
- k. On time completion of the syllabus

Check:

- a. Periodic class-wise faculty meetings are conducted by the Principal to review the action plan of teachers, the results, attendance, etc.
- b. If any deviations are found from the stated plan of action then remedial actions and strategies are devised to cover the gaps.

Action:

- a. After the review, remedial measures like extra classes are conducted as per the requirements of the students.
- b. Feedback is taken from the students to know the level of implementation of the curriculum
- c. The feedback so collected is compiled and analyzed for further improvement in the curriculum delivery.
- d. The college organizes various faculty development programs and also encourages faculty members to attend faculty development programs which focus on better implementation of curriculum.

1.1.2 Certificate/ Diploma Courses introduced during the Academic year

Name of the Certificate Course	Name of the Diploma Courses	Date of introduction and duration	focus on employability/ entrepreneurship	Skill development

1.2 Academic Flexibility

1.2.1 New programmes/courses introduced during the Academic year					
Programme with Code	Date of Introduction		Course with Code	Date of Introduction	
No					
1.2.2 Programmes in which Choice Based Credit System (CBCS)/Elective course system implemented at the affiliated Colleges (if applicable) during the Academic year.					
Name of Programmes adopting CBCS	UG	PG	Date of implementation of CBCS / Elective Course System	UG	PG
Already adopted (mention the year)				2017	2017
1.2.3 Students enrolled in Certificate/ Diploma Courses introduced during the year					
No of Students	Certificate		Diploma Courses		
1.3 Curriculum Enrichment					
1.3.1 Value-added courses imparting transferable and life skills offered during the year					
Value added courses		Date of introduction		Number of students enrolled	
1.3.2 Field Projects / Internships under taken during the year					
Project/Programme Title			No. of students enrolled for Field Projects / Internships		
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1.4 Feedback System					
1.4.1 Whether structured feedback received from all the stakeholders.					
1) Students	2) Teachers	3) Employers	4) Alumni	5) Parents	
Yes	No	No	No	Yes	
1.4.2 How the feedback obtained is being analyzed and utilized for overall development of the institution? (maximum 500 words)					
<p>a. Subject wise feedback is collected on a ten point rating scale at the end of year from all the students in well framed feedback forms regarding quality of teaching, subject understanding, language control, infrastructure, class room control and on time completion of syllabus which is an indicator of institutional performance. This feedback is used to enhance teacher quality, up gradation of facilities and class room management. The feedback obtained is analysed and the Evaluation Report is made available to the teachers by the principal.</p> <p>b. Based on Evaluation reports, the teachers having good performance are encouraged, while the teacher with average performance are counselled by the principal and supports them to improve their performance.</p> <p>c. The Principal also collects feedback informally from the students through meetings with class representatives in student's council. If any gaps are identified between the student's expectations and the class room teaching, the college invites resource people from other institutions to bridge the gap. The college also conducts various FDPs to improve the quality of the teaching – learning process.</p> <p>d. Feedback is also received from other stakeholders namely alumni, parents and employers. Parent-Teacher Meeting and the Alumni Meet also help the institution in assessing the overall performance and quality.</p> <p>e. Feedback is collected from the recruiters and employers and the same is analysed and corrective measures for improvement are taken up.</p> <p>f. Feedback is also collected from the students on the library and is analysed critically for. Users can put in their suggestions in the 'suggestion box' kept in the library. The suggestions are brought to discussion during the library committee meeting and feasible amongst them are used for improving library services.</p> <p>g. Services of the hostels are improved by the suggestions given by the hostel students in the feedback form.</p> <p>h. A visitor 's book is maintained by the institution which records the feedback on overall performance and quality from all Chief Guests, Guest speakers and eminent people invited for all the events hosted by the institution.</p>					

- i. Institutional provisions to improve quality of programs include providing training to the students on employability skills, personality development programs, corporate etiquette and industrial visits etc.
- j. The suggestions so received from the feedback are studied as it reflects the performance and quality of the institution.

CRITERION II -TEACHING-LEARNING AND EVALUATION					
2.1 Student Enrolment and Profile					
2.1.1 Demand Ratio during the year					
Name of the Programme	Number of seats available	Number of applications received		Students Enrolled	
B. Pharm	60	628		60	
M. Pharm	45	69		37	
2.2 Catering to Student Diversity					
2.2.1. Student - Full time teacher ratio (current year data)					
Year	Number of students enrolled in the institution (UG)	Number of students enrolled in the institution (PG)	Number of full time teachers available in the institution teaching only UG courses	Number of full time teachers available in the institution teaching only PG courses	Number of teachers teaching both UG and PG courses
2018-19	239	55	16	9	27
2.3 Teaching - Learning Process					
2.3.1 Percentage of teachers using ICT for effective teaching with Learning Management Systems (LMS), E-learning resources etc. (current year data)					
Number of teachers on roll	Number of teachers using ICT (<i>LMS, e-Resources</i>)	ICT tools and resources available	Number of ICT enabled classrooms	Number of smart classrooms	E-resources and techniques used
26	15	LCD, OHP, Direct projector, CD and DVD	03	01	
2.3.2 Students mentoring system available in the institution? Give details. (maximum 500 words)					
Following support and guidance services are provided to the students:					
1. Academic Advice/ Support:					
Academic advice/support is provided on a need basis where the students go to the respective subject teachers. Additional advice/support includes extra/remedial classes, one-on-one teaching. Special assignments apart from the regular assignments based on the ability of the student.					
2. Psychological Support:					
Students are given psychological support by trained counsellors on a need basis. Follow up counselling is done if necessary. In addition to this, lectures are organized with trained professionals to provide more information.					
3. Professional counselling and placement facility:					
Professional counselling is provided by organizing visits to industries, hospitals and other institutions of repute. The purpose of these visits is to help the students in acquiring practical knowledge, skill and professional attitude. The college has established Training and Placement cell to aware the students about the career opportunities. Various campus interviews are conducted via Placement cell.					
Professional counselling regarding admission openings in institute of higher learning centres through competitive examination is also given.					
4. Mentoring through cluster formation:					
Mentoring is a regular activity where the mentor is assigned a set of students. Mentor is aware of the mentee's background and situation. Each mentor is assigned around 20 students. The mentor meets the mentee either when					

they come to them for help or when the mentor feels the student needs it. The students' needs can be seeking academic support, motivation and encouragement.

The mentor also addresses absenteeism, attitudinal problems and any other issues.

Number of students enrolled in the institution	Number of fulltime teachers	Mentor: Mentee Ratio
300	26	1:11.5

2.4 Teacher Profile and Quality

2.4.1 Number of full time teachers appointed during the year

No. of sanctioned positions	No. of filled positions	Vacant positions	Positions filled during the current year	No. of faculty with Ph.D
25	13	12	Nil	8

2.4.2 Honours and recognitions received by teachers

(received awards, recognition, fellowships at State, National, International level from Government, recognised bodies during the year)

Year of award	Name of full time teachers receiving awards from state level, national level, international level	Designation	Name of the award, fellowship, received from Government or recognized bodies
2019	Mr. Angad Patole	Assistant Professor	Young faculty award 2019 by centre for education, growth and research
2019	Mr. Angad Patole	Assistant Professor	Outstanding faculty by Progressive Academic Excellence, India, Maharashtra
2019	Dr. S.A. Khan	Professor	Best oral presentation by Society of Pharmaceutical Education and Research
2019	Dr. D.J. Singhavi	Associate Professor	Best oral presentation by Society of Pharmaceutical Education and Research
2019	Dr. R.O. Ganjiwale	Principal	Eminent Teacher Award by Society of Pharmaceutical Education and Research

2.5 Evaluation Process and Reforms

2.5.1 Number of days from the date of semester-end/ year- end examination till the declaration of results during the year

Programme Name	Programme Code	Semester	Last date of the last semester-end	Date of declaration of results of semester-end/ year- end
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			examination	examination
B. Pharm	PH	I	08.01.2019	05.02.2019
		II	06.05.2019	12.06.2019
		III	28.12.2018	31.01.2019
		IV	12.05.2019	06.06.2019
		V	31.12.2018	11.01.2019
		VI	05.05.2019	22.05.2019
		VII	31.12.2018	11.01.2019
		VIII	03.05.2019	22.05.2019
M. Pharm	MPH	I	18.12.2018	28.01.2019
		II	04.05.2019	22.05.2019
		III	12.12.2018	28.01.2019
		IV	20.06.2019	19.07.2019

2.5.2 Reforms initiated on Continuous Internal Evaluation(CIE) system at the institutional level (250 words)

2.5.3 Academic calendar prepared and adhered for conduct of Examination and other related matters (250 words)

The college plans and organizes the teaching, learning, examination and evaluation schedules and adhered to it as follows -

The examination committee takes care of internal and University examination process. At the beginning of session an academic calendar consisting of holidays, events, tests and examinations is prepared, keeping in mind the academic calendar of Parent University. The students, teachers and parents are made aware of exact schedule of examination through circulated and displayed notices. This allows the teacher to plan their teaching schedules. Pattern of examination and marking system is instructed by faculty to students.

The examination committee prepares the schedule of -

- Examination Time Table and display on students notice board, 15 days prior to exam.
- Comparative attendance must be submitted, 4 days before exam.
- Students with attendance less than 75% are detained and same is informed to their parents.
- Submission of test question paper in prescribed format, 4 days, before exam.
- Submission of evaluated scripts, within 4 days
- Students' performances are discussed in classrooms in order to update their subject comprehension.
- Last date for submission of marks list
- Preparing comparative statement of marks and displaying on students notice-board
- Scrutiny of evaluated scripts.
- Feeding of marks in Sessional Register
- Last date for submission of internal assessment marks to university is also indicated in the calendar of events
- Faculties evaluate the student's performance through exams.
- The examination committee collects feedback from students on examination and evaluation process.

2.6 Student Performance and Learning Outcomes

2.6.1 Program outcomes, program specific outcomes and course outcomes for all programs offered by the institution are stated and displayed in website of the institution (to provide the weblink)

www.iperwardha.com/pdf/PROGRAM_OUTCOMES.pdf

2.6.2 Pass percentage of students

Programme Code	Program me name	Number of students appeared in the final year examination	Number of students passed in final semester/year examination	Pass Percentage

PH MPH	B. Pharm M. Pharm	58 21	57 21	98.27 100

2.7 Student Satisfaction Survey

2.7.1 Student Satisfaction Survey (SSS) on overall institutional performance (Institution may design the questionnaire) (results and details be provided as weblink)

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CRITERION III – RESEARCH, INNOVATIONS AND EXTENSION				
3.1 Resource Mobilization for Research				
3.1.1 Research funds sanctioned and received from various agencies, industry and other organisations				
Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received during the Academic year
Major projects				Not received
Minor Projects				Not received
Interdisciplinary Projects				Not received
Industry sponsored Projects	Two months for each project	Baidyanath Ayurved Bhavan Pvt. Ltd., Nagpur	206500/-	206500/-
Projects sponsored by the University/ College				No
Students Research Projects (other than compulsory by the College)				No
International Projects				No
Any other(Specify)				No
Total			206500/-	206500/-
3.2 Innovation Ecosystem				
3.2.1 Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices during the year				
Title of Workshop/Seminar	Name of the Dept.		Date(s)	
3.2.2 Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year				
Title of the innovation	Name of the Awardee	Awarding Agency	Date of Award	Category
Not Available	Not Available	Not Available	Not Available	Not Available
3.2.3 No. of Incubation centre created, start-ups incubated on campus during the year				
Incubation Centre	Name		Sponsored by	
Not Available	Not Available		Not Available	
Name of the Start-up	Nature of Start-up		Date of commencement	
Not Available	Not Available		Not Available	
3.3 Research Publications and Awards				
3.3.1 Incentive to the teachers who receive recognition/awards				
State	National		International	
Not Available	Not Available		Not Available	

3.3.2 Ph. Ds awarded during the year (<i>applicable for PG College, Research Center</i>)						
Name of the Department			No. of Ph. Ds Awarded			
Department of Quality Assurance and Pharmaceutics			02			
3.3.3 Research Publications in the Journals notified on UGC website during the year						
	Department	No. of Publication	Average Impact Factor, if any			
National	Quality Assurance	02	0.07			
International	Pharmacology	04	--			
3.3.4 Books and Chapters in edited Volumes / Books published, and papers in National/International Conference Proceedings per Teacher during the year						
Department			No. of publication			
Pharmacology			Books: 4			
3.3.5 Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index						
Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self citations
Thiazolotriazole: An emerging novel bridge heterocycle with medicinal value	Karande N, Rathi LG	Modern Approaches in Drug Designing	2018	--	Institute of Pharmaceutical Education and Research Wardha	--
Neuroprotective efficacy of swarnabhasma on sleep deprived induced cognitive impairment in rats	Khan AY, Sheikh AA, Tenpe CR, Patole AM, Biyani KR	Indian Drugs	2018	--	Institute of Pharmaceutical Education and Research Wardha	1
Synthesis and anti-inflammatory activity of some 2-(4-chlorophenyl)-6(substituted phenyl)-	Karande N, Rathi LG	Indian Journal of Heterocyclic Chemistry	2019	--	Institute of Pharmaceutical Education and Research	--

thiazolo-(3,2-b)-1,2,4)-triazoles					Wardha	
Evaluation of Ananascomosus fruit for antiulcer potentials on experimental animals	Mallik D, Deb L, Gandhar e BR, Bhattach arjee C.	Journal of Harmonized Research in Applied Sciences	2019	--		
Anti-diarrhoeal activity of leaves of Averrhoa carambola Linn	Pal A, Chinnaiy an SK, Gandhar e B, Bhattach arjee C.	International Journal of Phytopharmacology	2019	--		--

3.3.6 h-index of the Institutional Publications during the year. (based on Scopus/ Web of science)

Title of the paper	Name of the author	Title of the journal	Year of publication	h-index	Number of citations excluding self citations	Institutional affiliation as mentioned in the publication
Thiazolotriazole: An emerging novel bridge heterocycle with medicinal value	Karande N, Rathi LG	Modern Approaches in Drug Designing	2018	--		Institute of Pharmaceutical Education and Research Wardha
Neuroprotective efficacy of swarnabhasma on sleep deprived induced cognitive impairment in rats	Khan AY, Sheikh AA, Tenpe CR, Patole AM, Biyani KR	Indian Drugs	2018	--		Institute of Pharmaceutical Education and Research Wardha
Synthesis and anti-inflammatory activity of some 2-(4-chlorophenyl)-	Karande N, Rathi LG	Indian Journal of Heterocyclic Chemistry	2019	--		Institute of Pharmaceutical Education and Research Wardha

6(substituted phenyl)-thiazolo-(3,2-b)-1,2,4)-triazoles		ry				
Evaluation of Ananascomosus fruit for antiulcer potentials on experimental animals	Mallik D, Deb L, Gandhare BR, Bhattacharjee C.	Journal of Harmonized Research in Applied Sciences	2019	--		
Anti-diarrhoeal activity of leaves of Averrhoa carambola Linn	Pal A, Chinnaiyan SK, Gandhare B, Bhattacharjee C.	International Journal of Phytopharmacology	2019	--		

3.3.7 Faculty participation in Seminars/Conferences and Symposia during the year :

No. of Faculty	International level	National level	State level	Local level
Attended Conference	15	--	--	--
Attended Seminars	--	--	--	15
Attended Workshop	--	--	15	02
Presented papers	05	--	--	--
Resource Persons	--	--	01	--

3.4 Extension Activities

3.4.1 Number of extension and outreach programmes conducted in collaboration with industry, community and Non- Government Organisations through NSS/NCC/Red cross/Youth Red Cross (YRC) etc., during the year

Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
Yoga Day	Institute of Pharmaceutical Education and Research, Wardha	05	50
Tree Plantation	Institute of Pharmaceutical Education and Research, Wardha	10	100
Cleanlines Drive	Institute of Pharmaceutical Education and Research, Wardha	10	150
Pharmacy	Institute of	22	250

week rally	Pharmaceutical Education and Research, Wardha		
Scrub Typhus awareness rally	Institute of Pharmaceutical Education and Research, Wardha	22	250
Blood donation camp	Institute of Pharmaceutical Education and Research, Wardha in collaboration with Civil Hospital, Wardha	05	25

3.4.2 Awards and recognition received for extension activities from Government and other recognized bodies during the year

Name of the Activity	Award/recognition	Awarding bodies	No. of Students benefited
Not Available	Not Available	Not Available	Not Available

3.4.3 Students participating in extension activities with Government Organisations, Non-Government Organisations and programmes such as Swachh Bharat, Aids Awareness, Gender Issue, etc. during the year

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
Swachh Bharat	Institute of Pharmaceutical Education and Research, Wardha	Cleanliness Drive	10	150
Health Awareness program	Institute of Pharmaceutical Education and Research, Wardha	Scrub Typhus Rally	22	250

3.5 Collaborations

3.5.1 Number of Collaborative activities for research, faculty exchange, student exchange during the year

Nature of Activity	Participant	Source of financial support	Duration
Not Available	Not Available	Not Available	Not Available

3.5.2 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc. during the year

Nature of linkage	Title of the linkage	Name of the partnering institution/ industry	Duration (From-To)	Participant
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		/research lab with contact details		
Externship	Externship in Analytical method	MGAMC Hospital and Research, Salod, Wardha	21/01/2019 to 22/02/2019	Dr. Premkumar Badwaik Dr. Bharat Rathi
Sharing of research facility	Ash value and chemical test	Uttarakhand Ayurvedic University, Haridwar	31/10/2018	Ms. Nidhi Nimeshwari
Sharing of research facility	HPTLC and UV	Uttarakhand Ayurvedic University, Haridwar	31/10/2018	Ku. Puja Rani
Research Work	Extraction and antimicrobial activity	Jankidevi Bajaj College of Science, Wardha	26/12/2018	Ku. Ketki Harne
Sharing of research facility	FTIR	Wadhvani College of Pharmacy, Yavatmal	27/02/2019	Ku. S.S. Bompelwar
Sharing of research facility	FTIR	Wadhvani College of Pharmacy, Yavatmal	27/02/2019	Ku. B.M. Raut

3.5.3 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc. during the year

Organisation	Date of MoU signed	Purpose and Activities	Number of students/teachers participated under MoUs
Ultrachrome Innovatives Pvt. Ltd., Sawangi(Meghe), Wardha	02.02.2019	Curriculum design, Industrial training and visit, Internship and placement of students, Research and Development, Skill development programs, Guest lectures etc	
Genetek Life Sciences Pvt. Ltd, Wardha	02.01.2019	To promote interaction between IPER and Genetek Life Sciences in mutually beneficial areas.	50 Industrial visits
Allwin Medicot Pvt. Ltd., Wardha	02.01.2019	Training to students, technical help to the industry, collaboration n new developments	32 Industrial visits

CRITERION IV – INFRASTRUCTURE AND LEARNING RESOURCES							
4.1 Physical Facilities							
4.1.1 Budget allocation, excluding salary for infrastructure augmentation during the year							
Budget allocated for infrastructure augmentation			Budget utilized for infrastructure development				
1550000			1287777				
4.1.2 Details of augmentation in infrastructure facilities during the year							
Facilities		Existing		Newly added			
Campus area		4 Acre		0			
Class rooms		4		0			
Laboratories		20		0			
Seminar Halls		2		0			
Classrooms with LCD facilities		3		0			
Classrooms with Wi-Fi/ LAN		0		0			
Seminar halls with ICT facilities		1		0			
Video Centre		1		0			
No. of important equipments purchased (\geq 1-0 lakh) during the current year.		0		0			
Value of the equipment purchased during the year (Rs. in Lakhs)		0		0			
Others		0		0			
4.2 Library as a Learning Resource							
4.2.1 Library is automated { Integrated Library Management System -ILMS }							
Name of the ILMS software		Nature of automation (fully or partially)		Version		Year of automation	
Library Management		Partially				2006	
4.2.1 Library Services:							
		Existing		Newly added		Total	
		No.	Value	No.	Value	No.	Value
Text Books		5034	4921877	1052	398476	6086	5320353
Reference Books		1533	3236809	10	20000	1543	3256809
e-Books		1500	--	--	--	--	--
Journals		170	551662	32	79801	202	631463
e-Journals		120	510719	223	126662	343	637181
Digital Database		365		2		367	--
CD & Video		365	--	2	--	--	--
Library automation		01	--	--	--	--	--
Weeding (Hard & Soft)		--	--	--	--	--	--

4.3 IT Infrastructure									
4.3.1 Technology Upgradation (overall)									
	Total Computer s	Compu ter Labs	Internet	Browsing Centres	Comp uter Centr es	Office	Departments	Available band width (MGBPS)	Others
Existin g	90	2	Yes	10	1	1	1	24MBPS	
Added	90	2	Yes	10	1	1	1	24MBPS	
Total									
4.3.2 Bandwidth available of internet connection in the Institution (Leased line)									
24 MBPS									
4.3.3 Facility for e-content									
Name of the e-content development facility					Provide the link of the videos and media centre and recording facility				
4.3.4 E-content developed by teachers such as: e-PG-Pathshala, CEC (under e-PG-Pathshala CEC (Under Graduate) SWAYAM other MOOCs platform NPTEL/NMEICT/any other Government initiatives & institutional (Learning Management System (LMS) etc									
Name of the teacher		Name of the module			Platform on which module is developed		Date of launching e – content		

4.4 Maintenance of Campus Infrastructure			
4.4.1 Expenditure incurred on maintenance of physical facilities and academic support facilities, excluding salary component, during the year			
Assigned budget on academic facilities	Expenditure incurred on maintenance of academic facilities	Assigned budget on physical facilities	Expenditure incurred on maintenance of physical facilities
1250000	921066	130000	8923
4.4.2 Procedures and policies for maintaining and utilizing physical, academic and support facilities - laboratory, library, sports complex, computers, classrooms etc. (<i>maximum 500 words</i>) (information to be available in institutional Website, provide link)			
<p>Well-established procedures and guidelines are used for regular maintenance of physical, academic and support facilities like laboratory, library, sportscomplex, computers, classrooms etc. and utilization record is maintained for these facilities.</p> <p>There are different committees to look after the physical and academic facilities. The committees communicate with the IQAC to synchronize proper maintenance and utilization of these facilities. The IQAC discusses the maintenance related requirements with the Head of the Institute during the College Development Committee meetings or emergency meetings are also held sometimes between the IQAC and the Head of the Institute subject to the urgency.</p> <p>Maintenance of Laboratory</p> <p>a. Laboratories of different departments are maintained by their respective Lab Technician and attendant under the supervision of the respective Head of the Department.</p> <p>b. Daily cleaning and maintenance record is maintained by the Lab Technician of each laboratory.</p>			

- c. Lab Technician of each laboratory maintains the stock register for glasswares, chemicals and instruments, which is verified at the end of the academic session by the HOD and finally compared with the central stock register.
- d. Lab Technician makes entry in the Instrument Utilization Register every time the instrument is used.
- e. Lab Technician communicate the requirement for Instrument repair work to the respective HOD. HOD after studying the requirement forward it to the IQAC. IQAC place the requirement before the Head of the Institute, who allocate the budget after the approval from the Governing Body of the Institute.
- f. The regular requirement for the laboratory like chemicals and glasswares upon approval by the respective HOD is entered in the central requirement register which is finally forwarded by the Principal for approval by the Governing Body. Upon approval purchasing is done.

Maintenance of Library Facilities

- a. The library committee, calls requirement for books from the HOD of different departments, also considers demand placed by the students and prepare the list of new books in demand. This is then discussed in the Library Committee meeting and decision is taken based on the budget allocation,
- b. Daily cleaning and maintenance register is maintained by the librarian.
- c. Library utilization register with daily entry by the students and staff is also maintained in the library
- d. Verification of library books, journals and study material is done every year and record is maintained. Old and deteriorating books are sent for binding every year.

Maintenance of Classrooms

Maintenance of Classrooms is supervised by classroom in-charge. Requirement for furniture, repair work, LCD etc is submitted by the classroom in-charge to the principal. Daily cleaning register is also maintained.

Campus Cleaning

- a. The cleaning and gardening staff are responsible for cleaning the campus clean
- b. NSS takes keen interest in maintaining green campus by carrying out tree plantation programmes
- c. Green campus committee ensures that proper waste disposal management practices are followed.
- d. Sport Facilities

The sport committee ensures that the sport ground is regularly maintained. The sports related requirements are convey to the IQAC, then the IQAC place the requirements before the Principal for approval and budget allocation.

Computer Facilities

Maintenance and upgradation of the IT facility is done by the Maintenance department. High performance Rail Wire server is provided to carry out administrative and teaching activities.

CRITERION V - STUDENT SUPPORT AND PROGRESSION						
5.1 Student Support						
5.1.1 Scholarships and Financial Support						
	Name /Title of the scheme	Number of students	Amount in Rupees			
Financial support from institution	--	--	--			
Financial support from other sources						
a) National	Government of India	172	16919327			
b) International	--	--	--			
5.1.2 Number of capability enhancement and development schemes such as Soft skill development, Remedial coaching, Language lab, Bridge courses, Yoga, Meditation, Personal Counselling and Mentoring etc.,						
Name of the capability enhancement scheme	Date of implementation	Number of students enrolled	Agencies involved			
Yoga and Meditation	21/06/2019	240	Institute of Pharmaceutical Education and Research and Patanjali Yoga Group			
5.1.3 Students benefited by guidance for competitive examinations and career counselling offered by the institution during the year						
Year	Name of the scheme	Number of benefited students by Guidance for Competitive examination	Number of benefited students by Career Counselling activities	Number of students who have passed in the competitive exam	Number of students placed	
2018-19	GPAT	40	79	14	0	
5.1.4 Institutional mechanism for transparency, timely redressal of student grievances, Prevention of sexual harassment and ragging cases during the year						
Total grievances received	No. of grievances redressed		Average number of days for grievance redressal			
Nil						
5.2 Student Progression						
5.2.1 Details of campus placement during the year						
On campus			Off Campus			
Name of Organizations Visited	Number of Students Participated	Number of Students Placed	Name of Organizations Visited	Number of Students Participated	Number of Students Placed	
Glaxo Smikthline	110	06	--	--	--	
Gentek Life Sciences Pvt.	45	06				

Ltd.					
5.2.2 Student progression to higher education in percentage during the year					
Year	Number of students enrolling into higher education	Programme graduated from	Department graduated from	Name of institution joined	Name of Programme admitted to
2019	36	Institute of Pharmaceutical Education and Research, Wardha	Pharmacy	1. Institute of Pharmaceutical Education and Research, Wardha 2. University Department of Pharmaceutical Sciences, Nagpur 3. Bhartiya Vidyapeeth Deemed University, Pune 4. Dadasaheb Balpande college of Pharmacy, Nagpur 5. Government College of Pharmacy, Amravati 6. Manipal College of Pharmaceutical Sciences, Manipal 7. NDMVP, Nashik 8. NIPER, Ahmedabad 9. NIPER, Mohali 10. Nirma Institute of Pharmacy Ahmedabad 11. SKB College of Pharmacy, Kamptee 12. Vidyabharti College of Pharmacy, Amravati	M. Pharm
5.2.3 Students qualifying in state/ national/ international level examinations during the year (eg: NET/SET/SLET/GATE/GMAT/CAT/GRE/TOFEL/Civil Services/State Government Services)					
Items		No. of Students selected/qualifying		Registration number/roll number for the exam	
NET					
SET					
SLET					
GATE/GPAT		14			
GMAT					
CAT					
GRE					
TOFEL					
Civil Services					
State Government Services					
Any Other					

5.2.4 Sports and cultural activities / competitions organised at the institution level during the year		
Activity	Level	Participants
Badminton	Institute	39
Ludo King (Online)	Institute	60
Table Tennis	Institute	5
PUBG	Institute	13
Carrom	Institute	60
Volley Ball	Institute	28
Chess	Institute	25
Relay Race	Institute	30
Chess	Institute	22
Cricket	Institute	44
Carrom	Institute	21
Relay	Institute	35
Tug of War	Institute	15
Table Tennis	Institute	18
Swimming	University	1
Mallakhamb	University	1
Malkhamb& Gymnastics	All India Inter University (Chandigarh organized by Panjab University)	1
Lagori	Institute	22
Vollyball	Institute	28
Cricket	Institute	55
Table tennis	Institute	18
Chess	Institute	21
Throwball	Institute	17
Open International Sports Championship 2019 at Seoul, South	International (Korea Pole Sports Championship	1

Korea	2019)	
Chess	Institute	22
Lagori	Institute	
Tug of War	Institute	34
Badminton	Institute	18
Table tennis	Institute	17
Carrom	Institute	25
Volleyball	Institute	35
Throwball	Institute	41
Cricket	Institute	55
Relay race	Institute	31

5.3 Student Participation and Activities

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

Year	Name of the award/ medal	National/ International	Sports	Cultural	Student ID number	Name of the student
2019	Korea Pole Sports Championships	International	Korea Pole Sport, Malkhanb	--	M. Pharm II	Ms. Sonali Bandgar
2018	All India Inter University	National	Malkhamb	--	M. Pharm II	Ms. Sonali Bandgar
2018	All India Pharmacy Quiz	National	Quiz	--	B. Pharm III	Mr. Sumit Naranje and Nilesh More

5.3.2 Activity of Student Council & representation of students on academic & administrative bodies/committees of the institution (maximum 500 words)

The student council formed as per University Act, 2016. The secretary, class representative, cultural, sports, NSS and girls representative are the members of students council. The elected members represents on academic and administrative bodies/committees of the Institution like Ganesh festival committees, annual gathering etc.

5.3 Alumni Engagement

5.3.1 Whether the institution has registered Alumni Association? Yes/No, if yes give details (maximum 500 words):

Yes

The IPER Alumni Association has been registered with the Hon'ble Charity Commissioner, Wardha, with registration number MAHA/114/08. Following is the constitution of the IPER Alumni Association, Wardha.

President	:	Dr. Anil Pethe
Vice President	:	Mr. Kishor Waghdarkar
	:	Mr. Nitin Chandurkar
Hon. Gen. Secretary	:	Mr. Sunil Dewani
Secretary	:	Mr. ShyamRathi
Jt. Secretary	:	Mr. Rajesh Borkar
Treasurer	:	Dr. Kundan Patil
Executive Members	:	Mr. Santosh Gandhewar
	:	Mr. Sanjay Mohota
	:	Mr. Rahul Ghate
	:	Ms. Sadhana Gautam
	:	Dr.DileshSinghavi

The Alumni Association was constituted to fulfil the following objectives

- To bring the IPER Alumni on one platform and meet regulatory to discuss the various issues of Pharmacy profession.
- To honour the best IPERites for their contribution to Pharmacy education and research annually.
- To spread the awareness of pharmacy profession in the society by arranging various camps, public lectures, exhibitions etc.
- To provide information regarding job opportunities in pharmacy education.
- To create the database of life members of the association.
- To provide a common platform to discuss various of pharmacy education.
- To provide advisory services on curses, syllabus, research, academic institutions etc.
- To issue appeals and applications for money and funds in furtherance of the said objective and to accept gifts, donations and subscriptions of cash and securities or of any property, either movable or immovable.

5.3.2 No. of ~~registered~~ enrolled Alumni: 243

5.3.3 Alumni contribution during the year (in Rupees) : 00

5.3.4 Meetings/activities organized by Alumni Association : **01**

The 16th Alumni Meet was held on 25th March 2019 at IPER Auditorium. Around 20 Alumni members attended the meeting. All the members were welcomed by the Dr. R. O. Ganjiwale, Principal, IPER, Wardha.

At this occasion, Dr. R. O. Ganjiwale, Dr. DileshSinghvi, Mr. Sunil Dewani, Ms. Sadhna Gautam presented their views on their past memories with the institute and ways to strengthen the association.

Around 10 to 15 Alumni of the Institute discussed the current scenario of the pharmacy profession and possible ways for its upliftment. The issues and their possible solutions were taken into consideration by Dr. R. O. Ganjiwale and were insured to be resolved in coming future. The members of the association also decided to have a talk with relevant authorities through the institute and the principal.

Dr. R. O. Ganjiwale, Principal IPER, Wardha, in his guiding and enlightening speech addressed the members about the need of such an association. He also discussed various aspects related to field and also made the members aware about the developments in the scenario of the profession.

Dr. R. O. Ganjiwale appealed all the members to increase the number of members by carrying out the membership drive in the nearby areas. He also asked the members to carry out various activities for the betterment of the society, under the head of Alumni association collaborating with various local professional bodies.

Ms. Sadhna Gautam memorized and expressed her experiences in the institute. She highlighted various ways by which the Alumni members can be brought under the head of such a useful platform.

Mr. Sunil Dewani emphasized the need of contacts using active social media, to be developed between IPER'ites so that the freshers who are seeking the jobs in various pharmaceutical sectors would not face difficulties. He also expressed his deep respect about the Institute and Dr. R. O. Ganjiwale, Principal, IPER, Wardha for providing a great platform where the entire pass out students of the Institute can be brought together.

Ms. Sadhna Gautam, Ms. Ankita Aglawe, Mr. Ujwal Muchulwar, and Ms. Nazish Sheikh expressed deep sense of gratitude about the association and expressed thoughts by which more and more alumni can be 'tied in the bond' of the association.

Ms. Jayshree Hadke, Mr. Ashish Budhrani and other Alumni members present for the meet expressed their emotions about the institute and different ways of strengthening the association.

After the address of the Chairman, IPER Alumni Association, vote of thanks were given by Dr. Dilesh Singhvi, and further followed by open interaction session between all the members and concluded by lunch.

CRITERION VI –GOVERNANCE, LEADERSHIP AND MANAGEMENT**6.1 Institutional Vision and Leadership**

6.1.1 Mention two practices of decentralization and participative management during the last year (maximum 500 words)

The college delegates authority and provides operational autonomy to the departments / units of the institution and work towards decentralized governance system in the following way:

- a. Once the policy is framed by the management and principal, the appointed heads of the department are delegated authority to execute the same.
- b. The conveners of the various important bodies and professional societies such as NSS, ISTE, etc. work independently and report directly to the Principal.
- c. Admission committee, staff counsel, examination committee, grievances and anti-ragging committee, IQAC Cell, Training & Placement Committee, Hostel Advisory Committee, work independently in decentralized manner and report directly to the Principal.
- d. Senior and qualified faculty is appointed as Head of the Department. The respective heads are given freedom in framing, executing and fulfilling departmental policies.
- e. The respective heads in consultation with departmental colleagues can finalize laboratory requirements and prepare laboratory budgets.
- f. The respective heads can also suggest future plans for development/ expansion.

The college promotes a culture of participative management as follows:

Five Teachers' representatives and two non-teaching representative are nominated on College Development Committee, CDC (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.

Level of participative management:

1. External Representation: Following Institutional Committees have External Representation:

- a. Animal Ethical Committee
- b. Grievances and Anti-ragging Committee
- c. Girls/ Women Security Cell
- d. IQAC

2. Students Representation: Following Institutional Committees have Students Representation:

- a. Students Council
- b. Hostel Advisory Committee
- c. Mess/ Canteen Committee
- d. Grievances and Anti-ragging Committee
- e. IQAC
- f. Students Editorial Board
- g. PSA Body

3. Parents Representation: Following Institutional Committees have Parent Representation

- a. Parents Club
- b. Parent Representative during Parent-teacher Meet.

4. Non-teaching staff Representation: Following Institutional Committees have Non-teaching Staff Representation

- a. CDC

- b. Grievances Committee
- c. Laboratory Development Committee
- d. Academic and Administrative Committee
- e. Library Development Committee

5. Teaching Staff Representation: Following Institutional Committees have Teaching Staff Representation

- a. CDC
- b. IQAC
- c. Animal Ethical Committee
- d. Staff Council
- e. Admission Committee
- f. Library Advisory Committee
- g. Training and Placement Committee
- h. Research Committee
- i. NSS Advisory Committee
- j. Anti-ragging and Grievances Committee
- k. Sexual Harassment Control Committee
- l. Girls/ Women Security Cell
- m. Examination Committee
- n. Building & Construction Committee
- o. Purchase Committee

6.1.2 Does the institution have a Management Information System (MIS)?

Yes/No/Partial: Yes

6.2 Strategy Development and Deployment

6.2.1 Quality improvement strategies adopted by the institution for each of the following (with in 100 words each):

❖ Curriculum Development:

Following quality efforts are made by the institution for development of curriculum

- a. Addition of Seminars in regular time table.
- b. Micro-Projects at Final Year level and Evaluation of Projects by Team of Experts.
- c. Organization of student seminars on curricular topics.
- d. Home assignments to students on curricular topics.
- e. Interaction among faculty and students during guest lectures
- f. Follow up of queries of the students through the cluster meetings.
- g. Student's feedback at regular intervals.
- h. Every month cumulative attendance of students is displayed on student's notice board. Short of attendance is informed to student's parent.
- i. Students are groomed like professionals.
- j. Industrial training, industrial visits, and hospital visits, are another form of industry-interface where students are taken to companies to get a first-hand knowledge.

❖ Teaching and Learning:

Apart from conventional chalk and board, the faculty members are adopting the following new and innovative approaches for teaching-

- a. Use of Educational CDs and DVDs
- b. Use of OHP, LCD
- c. Use of Power Point Presentation

d. Student projects

In addition, faculty members are using rich, well stocked and stacked library with the latest additions. Teaching session was made more interesting/interactive through audio-visual aids. Audio-visual presentations with animations developed more understanding of the subject as compared to conventional chalk and blackboard teaching. Students got recent updates about the subject through internet based power point presentation.

❖ Examination and Evaluation:

The examination committee prepares the schedule of -

- a. Examination Time Table must be displayed on Students Notice Board, 15 days prior to exam.
- b. Comparative attendance must be submitted, 4 days before, the exam.
- c. Students with attendance less than 75% are detained and same is informed to their parents.
- d. Submission of test question paper in prescribed format, 4 days, before the exam.
- e. Submission of Evaluated scripts, within 4 days
- f. Students' performances are discussed in classrooms in order to update their subject comprehension.
- g. Last date for submission of marks list
- h. Preparing comparative statement of marks and displaying on students notice-board
- i. Scrutiny of evaluated scripts.
- j. Feeding of marks in Sessional Register
- k. Last date for submission of internal assessment marks to university is also indicated in the calendar of events
- l. Faculties evaluate the student's performance through exams.

❖ Research and Development:

- a. The post graduate (M. Pharm) curriculum includes dissertation work for which students are encouraged to undertake most potential area of research with commercial value. They are also given opportunity to work in pharmaceutical industries to gain experience of the need based research work being undertaken by industries.
- b. Class seminars and journal club on current topics of research are allotted to M.Pharm-I and II students in order to inculcate research aptitude among students.
- c. Short-term projects are allotted to undergraduate students wherein they do extensive literature search on the most recent advancement in technology which apprise them with latest advancements.
- d. Students are encouraged to participate in research competition like "Avishkar" organized by RTM Nagpur University, Nagpur.
- e. Students are motivated to participate and present their research work in conferences like Indian Pharmaceutical Congress, APTI convention, IPA Convention, International Symposium of Controlled Release Society, Annual Conference of Indian Pharmacology Society etc .
- f. The curriculum of M. Pharm-II contains a paper on Research Methodology which guides students to prepare research proposals and communicate research work for publication.
- g. The faculty members had submitted the research proposals to funding agencies and published the papers in peer-reviewed journals.

❖ Library, ICT and Physical Infrastructure / Instrumentation

- a. Library has rich collection of books, reference books, national journals, international journals, magazines, news papers etc.
- b. Library provides open access of reference section to post graduate students and research scholars. Library issues one Borrowers Ticket extra to Meritorious students (University Topper).
- c. Library timings are 8 am to 8 pm on all working days.
- d. Library provides reprographic facility on moderate charges.
- e. Book bank scheme for SC/ST students
- f. It is kept open for extended period during examination
- g. Library is automated with software and having Delnet/Inflibnet facility
- h. The library reading hall capacity for students is 64

i. An e library with internet connectivity for UG, PG and Ph.D. students is available.

❖ **Human Resource Management**

- a. Human Resource management is jointly handled by Principal and Management
- b. The selection process for teaching/non-teaching is as per the norms of University/Government of Maharashtra/PCI.
- c. Once the roaster is approved by University and Commissioner office, Amravati, a due notice is placed in news-paper.
- d. The screening method adopted is interview, that helps in selection of good personals at both the teaching and non-teaching level of the Institute.
- e. The transparency maintained in selection through HRM has shown the employment for deserved meritorious candidate in Institution

❖ **Industry Interaction / Collaboration**

- a. Organizing study tour for students and faculty to industries.
- b. Arranging lectures of persons from industries.
- c. Inviting industries for campus interviews and placements.
- d. Partnering with industry in several areas of research and development
- e. Signed MOU with nearby five industries and research institutes

❖ **Admission of Students**

Undergraduate:

- a. Directorate of Technical Education, Mumbai every year conducts a common entrance test for Pharmacy and ones the Notification for admission to B.Pharm are placed on print by Directorate of Technical Education, Mumbai., all the CET qualified students has to register on-line through Directorate of Technical Education (DTE) approved Facilitation centers for Centralized Admission Process (CAP).
- b. IPER is an approved Facilitation Centre (FC) by the regulatory body.
- c. Institute constitutes admission committee for smooth conduction of admission procedure.
- d. The students are well informed about the rules and policies related to admission& the same are displayed on Notice Board.
- e. The seats are allotted on-line on the basis of *inter-se-merit* for CAP I and CAP II rounds. The remaining vacant seats after CAP II round are allotted on the basis of *inter-se-merit* by personal counseling (CAP III).
- f. Vacant seats, if any, after CAP III round are filled by the institute after putting advertisement in print-media.
- g. After accepting the applications, a list is prepared after sorting the applications, and candidates are registered on-line.
- h. Closure of admission procedure once the sanctioned number of seats is filled.

Postgraduate

- a. The admissions to M. Pharm. are also carried out through entrance examination conducted by AICTE/NTA.
- b. The Merit list is prepared on the basis of marks scored in entrance exam GPAT.
- c. CAP rounds are conducted under DTE surveillance.
- d. Vacant seats if any are filled by Institute level round of students qualified in GPAT.

6.2.2 : Implementation of e-governance in areas of operations:					
❖ Planning and Development					
❖ Administration The institute has college management system to manage administrative and financial affairs and to manage library. For hassle-free working, these departments have Rail wire internet access. The library has automation software, Library management system which manage online issue and return online access catalogue, e-books and e-journals. Provide service of DELNET wherein students are given username and password to access DELNET services, they can search thesis, dissertation, research articles and books and can download the pdf of the documents they desire.					
❖ Finance and Accounts ERP software is used to manage financial matters. It manage all types of accounts like Salary account, saving account, research projects, account manages receipt and payment statement. It provides balance sheet and income expenditure. It also allows automatic calculation of employees income tax, manages fee payments by the students.					
❖ Student Admission and Support Admission process is completely online on mahacet.org. Registration, verification, seat allotment and merit list display all were online. It uses DBT portal of Maharashtra Government for managing scholarships of the students					
❖ Examination The Institute uses Moodle platform to conduct online exams, question papers are generated using this platform and complete result analysis and result sheet is generation. The institute also utilizes RTMNU exam portal for managing sessional examinations.					
6.3 Faculty Empowerment Strategies					
6.3.1 Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies during the year					
Year	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support	
--	--	--	--	--	
6.3.2 Number of professional development / administrative training programmes organized by the College for teaching and non teaching staff during the year					
Year	Title of the professional development programme organised for teaching staff	Title of the administrative training programme organised for non-teaching staff	Dates (from-to)	No. of participants (Teaching staff)	No. of participants (Non- teaching staff)
2019	Two days deminar on HPTLC organised by IPER in collaboration with Anchrom Enterprises (I)	Two days deminar on HPTLC organised by IPER in collaboration with Anchrom Enterprises (I) Pvt. Ltd.	21.01.2019 to 22.01.2019	14	05

	Pvt. Ltd.				
2019	--	DELNET Services/facilities	07.11.2019	--	01
6.3.3 No. of teachers attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during the year					
Title of the professional development programme		Number of teachers who attended		Date and Duration (from – to)	
Continuing education programme on Emerging Trends in Pharma Sciences		01		30.08.2018 to 01.09.2018	
Training programme for nominees of CPCSEA		01		18.09.2018 to 19.09.2018	
Innovative teaching and laboratory skill development for pharmacy teachers		01		26.11.2018 to 01.12.2018	
6.3.4 Faculty and Staff recruitment (no. for permanent/fulltime recruitment):					
Teaching			Non-teaching		
Permanent	Fulltime	Permanent	Fulltime/temporary		
6.3.5 Welfare schemes for					
Teaching		Group insurance, EPF, Mediclaim insurance and gratuity			
Non teaching		Group insurance, EPF, Mediclaim insurance and gratuity			
Students		Group insurance			
6.4 Financial Management and Resource Mobilization					
6.4.1 Institution conducts internal and external financial audits regularly (with in 100 words each) The institution has regular prescribed mechanism for internal and external audit. Internal audit: This is done quarterly and mechanism of audit is developed by the institution. External audit: This is meticulously done in once in a year for the approval in annual general meeting. The institution has hired a permanent chartered accountant. The last external audit was done on 31 st March 2018. No objections were raised during the External audit.					
6.4.2 Funds / Grants received from management, non-government bodies, individuals, philanthropies during the year(not covered in Criterion III)					
Name of the non government funding agencies/ individuals		Funds/ Grants received in Rs.		Purpose	
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6.4.2 Total corpus fund generated : Nil					
6.5 Internal Quality Assurance System					
6.5.1 Whether Academic and Administrative Audit (AAA) has been done?					
Audit Type	External			Internal	
	Yes/No	Agency	Yes/No	Authority	
Academic					

Administrative				
6.5.2 Activities and support from the Parent – Teacher Association (at least three)				
Parents meet was organised on 09/02/2019. Suggestions given by the parents in feedback were implemented by the Institute				
6.5.3 Development programmes for support staff (at least three)				
a. Outcome based education and NBA awareness programme was organised for teaching and non-teaching staff members on 15 th to 16 th October 2018.				
b. Two days workshop on HPTLC by Anchrom was organised for teaching and technical staff on 21 st and 22 nd January 2019				
c. Seminar on Stress management and life skill development at working place for staff and students on 09/01/2019				
6.5.4 Post Accreditation initiative(s) (mention at least three)				
6.5.5				
a. Submission of Data for AISHE portal : Yes				
b. Participation in NIRF : Yes				
c. ISO Certification : No				
d. NBA or any other quality audit : No				
6.5.6 Number of Quality Initiatives undertaken during the year				
Year	Name of quality initiative by IQAC	Date of conducting activity	Duration (from-----to-----)	Number of participants
2019	Recent paradigm innovations for the safe and efficacious medicine		22/02/2019 to 23/02/2019	195
2018	Outcome based education and NBA awareness		15/10/2018 to 16/10/2018	72

CRITERION VII – INSTITUTIONAL VALUES AND BEST PRACTICES						
7.1 - Institutional Values and Social Responsibilities						
7.1.1 Gender Equity (Number of gender equity promotion programmes organized by the institution during the year)						
Title of the programme		Period (from-to)		Participants		
				Female	Male	
Sexual harassment at working place		01/08/2019 to 02/08/2019		70	50	
7.1.2 Environmental Consciousness and Sustainability/Alternate Energy initiatives such as: Percentage of power requirement of the College met by the renewable energy sources						
i) Energy conservation						
The institution has ventilated, spacious class rooms, fully aerated hostel which help in saving energy. It organizes various programmes to create awareness among its staff and students to save energy.						
ii) Water harvesting						
The NSS students of the institution have taken some efforts for rain water harvesting. Rooftop water collection and harvesting system is in place. During the rainy season scattered water of the rain is brought through canal and diverted towards soak pits. Two water fountains are situated in the campus. One dug well with two bore wells are available in campus to supply continuous water to institute laboratories and hostel through overhead tanks.						
iii) Plantation						
The institution organizes various programmes on tree plantation through NSS. The institution has maintained herbal garden with one acre area, location east - south. The institution has planted several plants around the lawn cum play ground and main building of the institution.						
7.1.3 Differently abled (Divyangjan) friendliness						
Items Facilities		Yes/No		No. of Beneficiaries		
Physical facilities		Yes		3		
Provision for lift		Yes		3		
Ramp/ Rails		Yes		3		
Braille Software/facilities		No		-		
Rest Rooms		Yes		3		
Scribes for examination		Yes		1		
Special skill development for differently abled students		Yes		3		
Any other similar facility						
7.1.4 Inclusion and Situatedness						
Enlist most important initiatives taken to address locational advantages and disadvantages during the year						
Year	Number of initiatives to address locational advantages and disadvantages	Number of initiatives taken to engage with and contribute to local community	Date and duration of the initiative	Name of the initiative	Issues addressed	Number of participating students and staff
2018	4	4	17.09.2018 – 25.09.2018	Scrub Typhus awareness rally	Do's and Don't about Scrub Typhus	225
			17.09.2018 –	Cleanliness	Importance of cleanliness	170

			25.09.2018	Drive	and eradication of plastic	
			17.09.2018 – 25.09.2018	Pharmacy week rally	Awareness about rational use of drugs	125
			03/10/2018	Human rights, Indian Judiciary system and constitution of India	Indian constitution and human rights	75

7.1.5 Human Values and Professional Ethics

Code of conduct (handbooks) for various stakeholders

Title	Date of Publication	Follow up (maximum 100 words each)
Students code of conduct Anti-ragging		Students code of conduct is updated and uploaded on the website www.iperwardha.com

7.1.6 Activities conducted for promotion of universal Values and Ethics

Activity	Duration (from -----to-----)	Number of participants
Yoga Day	21.06.2018	50
Tree Plantation	10.07.2018	100
Cleanliness Drive	17.09.2018 – 25.09.2018	150
Pharmacy week rally	25.09.2018	250
Scrub Typhus awareness rally	17.09.2018 – 25.09.2018	250
Blood donation camp	01.01.2019	25
Election awareness programme	25/01/2019	150

7.1.7 Initiatives taken by the institution to make the campus eco-friendly (at least five)

a. Energy conservation

The institution has ventilated, spacious class rooms, fully aerated hostel which help in saving energy. It organizes various programmes to create awareness among its staff and students to save energy.

b. Water harvesting

The NSS students of the institution have taken some efforts for rain water harvesting. Rooftop water collection and harvesting system is in place. During the rainy season scattered water of the rain is brought through canal and diverted towards soak pits. Two water fountains are situated in the campus. One dug well with two bore wells are available in campus to supply continuous water to institute laboratories and hostel through overhead tanks.

c. Efforts for Carbon neutrality

The institution has beautiful and eye catching campus. The institution has maintained lawn and herbal garden containing different medicinal plants. The medicinal plants, lawn and trees in the campus watered regularly. There is a prohibition of burning plastic in the campus. Garbage bins (separate for dry and wet materials) are being emptied before they are full possibly resulting in higher carbon footprint. This helps in Carbon Neutrality.

d. Plantation

The institution organizes various programmes on tree plantation through NSS. The institution has maintained herbal garden with one acre area, location east - south. The institution has planted several plants around the lawn cum play ground and main building of the institution.

e. Hazardous waste management

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). The laboratories of the institute generate some of the flammable, corrosive, toxic and reactive solid and liquid substances. For the management of solid hazardous waste, the materials are disposed of in regular landfills, while the liquid effluent from the laboratories is passed through a general sewage system of the institute. Moreover incineration treatments are also used to reduce the amount of hazardous waste for example the incineration and destruction of laboratory experimented toxic / infected animals. The college provides guidance to the students on hazardous waste management. In the laboratory instructions are displayed regarding handling of chemicals. The faculty members also guide the students for careful use and handling of chemicals in the Pharmaceutical Chemistry and other laboratories. Fuming chambers are provided in the laboratories for the proper disposal of hazardous fumes. There is a prohibition of use and burning of plastic in the campus.

f. e-Waste management

Presently, the institution adopts housekeeping system for e-waste management. However, in the following time, the e-waste such as computers, laptops, television, scanner, printer etc. will be systematically treated for their disposal or reuse. The working e-waste (old and aged) will be donated to a poor school or an organization working in the field of education. The out of order e-waste will be return back to the manufacturer so that the company can use it in recycling to reduce pollution that would be generated while manufacturing a new product and therefore the pressure on natural resources.

7.2 Best Practices

Describe at least two institutional best practices

Upload details of two best practices successfully implemented by the institution as per NAAC format in your institution website, provide the link

http://www.iperwardha.com/pdf/Best_Practices.pdf

7.3 Institutional Distinctiveness

Provide the details of the performance of the institution in one area distinctive to its vision, priority and thrust
Provide the weblink of the institution in not more than 500 words

The institution analyses the data and information on the all-round development of its students involving progress in academic, co-curricular and extra-curricular aspects. The academic aspects are evaluated on the basis of various exams conducted by the college and is monitored through subject teachers' and class teachers' observations. Mentoring system

followed in the college keeps a track of the student's academic performances along with other issues relevant to the student's well-being. Students are encouraged to participate in co-curricular activities like seminars, poster presentation, quiz competitions, talent search examinations, etc. in and outside institutions. Institution promotes the students for participating in extra-curricular activities viz. debate, drama, singing etc. Enrolment of students in extension services like NSS, etc. is encouraged. The involvement of students in this service has impacted the system to a greater extent. Students willingly register themselves as they get additional incentive 10 marks in University exams, and there is a healthy competition among them for enrolment for this programme. Rank holders and winners in sports, best participants in NSS, etc. are felicitated by institutes. This activity motivates students. Alumni who are on the topmost position interact with the students (Alumni meet) and inspire them.

8. Future Plans of action for next academic year (500 words)

- a. To establish networking with University, research institutes and industries for Research activities and placement services.
- b. To develop center for higher learning and research not only at University level but also at National level.
- c. To have research programme that augments interdisciplinary research work.
- d. To encourage faculties to publish their research work in number of research journals.
- e. To undertake major/minor research projects in every department
- f. To run Add-on course in every department
- g. To have research collaboration and MOU with other organizations/ autonomous institutions.

Name _____

Name _____

Signature of the Coordinator, IQAC

Signature of the Chairperson, IQAC

