

## ANNUAL ASSESSMENT STATUS REPORT

Name of the School: **School of Pharmacy**

Year: 2012-13

S.No.		
1.	<b>Curricular Aspects</b>	<ul style="list-style-type: none"> <li>➤ School of Pharmacy offers Bachelor of Pharmacy, Master of Pharmacy (Pharmaceutical Chemistry) and Ph.D programmes.</li> <li>➤ Eligibility for admission to each course           <ul style="list-style-type: none"> <li>▪ <b>B. Pharm (4 Years):</b> Through common entrance test (CET) conducted by the university. The candidates who have qualified Higher Secondary Examination (10+2) in Physics, Chemistry, Mathematics /Biology conducted by MP board or any other board or university examination recognized as equivalent by state government of Madhya Pradesh with aggregate mark of a minimum 50% are only eligible for Common Entrance Test.</li> <li>▪ <b>M. Pharm (2 Years):</b> For regular category students an aggregate mark of 60% in B. Pharm (55 % in case of SC/ST) from a recognized university and GPAT qualified. For sponsored category students an aggregate mark of 60% in B. Pharm (55 % in case of SC/ST) from a recognized university and at least 2 years of working experience.</li> </ul> </li> <li>➤ The main objectives of the department are to develop the intellectual and practical foundations among students and to benefit them from the latest advances of education in pharmaceutical field.</li> <li>➤ The curriculum for both B. Pharm and M. Pharm has been revised for each subject in academic year 2010-11 in line with National guidelines. While the curriculum for PhD has been revised for both entrance as well as course work in academic year 2012-13.</li> <li>➤ The revision strategies involved emerging needs, needs of the society and at par with global development. The courses are focus on practical work and these have been included in the curricula with emphasis on training and research programmes.</li> <li>➤ The department follows the National curriculum for Undergraduate and Post-graduate Courses. The courses are basically technical in nature. They have been developed in line with needs of recent research trends in pharmaceutical field. Projects are incorporated in the curriculum as well as professional</li> </ul>

		<p>and industrial training so that the students get a view of the outside world and prepare themselves accordingly.</p> <ul style="list-style-type: none"> <li>➤ The School of Pharmacy has <b>seventeen</b> faculty members including 05 readers and 12 lecturers. Out of twelve lecturers, four are on contract basis. Additional two visiting faculty members are invited to teach Computer Science and Remedial and Advanced Mathematics. The fields of specialization of faculty are Medicinal and Pharmaceutical Chemistry, Pharmaceutics (Industrial Pharmacy), Pharmacognosy, Pharmaceutical Biotechnology, Pharmacology and Quality Assurance. Nine teachers are with Ph.D qualification and have wide experience. Among total seventeen faculty members there are five women teachers.</li> <li>➤ The School is involved in inter-disciplinary research with School of Life Sciences. Mr. Naveen Dhingra is pursuing Ph.D. at School of Pharmacy under the supervision of Dr. A. Kar, Professor, School of Life Sciences, DAVV, Indore and Dr. Rajesh Sharma, Reader &amp; Head, School of Pharmacy, DAVV, Indore.</li> <li>➤ The school has developed systematic mechanism to obtain feedback from Students, experts and alumni. This feedback is analyzed and discussed among faculty members during our staff meetings.</li> </ul>
2.	<p><b>Strategies of Teaching Learning and Evaluation</b></p>	<p>Interactive lectures, Demonstration-cum-lecture, Lecture with OHP / PPT, modern LCD projector, use of Case studies and tutorials, online study material, Assignments/ projects, Students Seminar etc. are the methods used to enhance teaching-learning evaluation process. The implementation of feedback evaluation for improving teaching-learning process has shown the improvement in study skills, technical knowledge and fostering self-learning.</p> <p>The department strictly follows University academic calendar for the course and prepare its own schedule for the sessional examination, semester examination, class time-table, other academic activities and extra-curricular activities.</p> <p>The department is following a transparent system, wherein no copy paste strategies (plagiarism) for any research publication or project purpose are used. Department is providing platform for research work and publications.</p>

		<p>There are 14 different laboratories for carrying out routine practical and research works. It includes Pharmaceutical Chemistry, Pharmaceutical Analysis, Pharmaceutics, Pharmacognosy, Pharmacology, Pharmaceutical microbiology, Pharmaceutical biotechnology, Anatomy, physiology and health education, Machine Room, Bio-Pharmaceutics, Pharmaceutical Technology, Major Instrumentation Lab, Minor Instrumentation Lab, Computer Aided Drug Design Laboratory and Computer Lab with 30 terminals supported with uninterrupted internet facility.</p> <p>School has a well established air-conditioned departmental Library with approximately 3494 books of national and international repute. The facility of INFLIBNET and electronic journals is available with the university and is widely used by the students, research scholars and faculty members of School of Pharmacy.</p> <p>The school has SEVENTEEN faculty members including 5 Readers and 12 Lecturers with specialization in the fields of Medicinal and Pharmaceutical Chemistry, Pharmaceutics (Industrial Pharmacy), Pharmacognosy, Pharmaceutical Biotechnology, Pharmacology, Quality assurance. Additional 2 visiting faculty members are invited to teach Computer Science and Remedial and Advanced Mathematics. Nine teachers are with Ph.D. qualification with wide experience. Five women teachers are there among the faculty members out of seventeen. Out of seventeen faculty members, four are on contract basis.</p> <p>Seven faculty members have attended staff development programme orientation/refresher course during the last 2 years and Head of the department has served as resource persons in Workshops/ Academic staff programmes. More than Fifty percent of the staff has also participated in workshop/seminars/conference during the last five years. All the faculty members use computer, internet and audio visual aids for effective teaching.</p> <p>The evaluation of the students takes place during the course. This includes 2 sessional examinations followed by a final examination for each theory papers. The students are shown the evaluated answer sheets within a week of the completion of sessional examinations. The examination result is declared within 2-3 weeks of the examination.</p>
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		<p>The current system of evaluation is in practice from 2001 and it has been observed to be very successful.</p> <p>Student feedback is taken twice during every semester for all the subjects and for all concerned faculty members. The design of the questionnaire is as prescribed by NAAC. An overall satisfactory performance of faculty members was analyzed. The committee observed that all the teachers have improved their teaching learning strategy. Based on the feedback obtained from the students, the committee has made few recommendations to the teachers to adopt in their teaching learning process.</p>
3.	<p><b>Research Consultancy and Extension</b></p>	<p>A research project for M. Pharm. students is evaluated by the Board of examiners including one external examiner. For the Ph.D. programme, University conducts D.E.T. examination, based on merit and interview, a Research Degree Committee evaluates the synopsis of candidates, who wishes to register for the degree.</p> <p>Both students and faculty have easy access to e-journal facility in the Central Library as well department, magazines, newspapers as well as the latest books available in the Central and Departmental libraries. Besides, the research students and staff members interact regularly in Departmental seminars, meetings and discussions.</p> <p>Research scholars and faculty members attend seminars, workshops and symposia organized in India and abroad on regular basis. All these facilities and activities help students and faculty to keep pace with the latest developments in their subjects.</p> <p>A Ph.D. Scholar Mr. Naveen Dhingra is registered at School of Life Sciences. He is carrying his research project titled “Isolation and Characterization of some phytochemicals from their Indian cultivators of <i>Prunus domestica</i>, <i>Prunus persica</i> and <i>Prunus dulcis</i> and their efficacy study for the prevention of breast cancer”. The work is in collaboration with School of Pharmacy.</p> <p>Department has one instrument room, CADD lab, internet facility, e-journal, well stocked library, animal house etc to meet the requirements of researchers. CADD Lab. is having molecular modeling softwares like Sybyl, ChemOffice etc.</p> <p>UGC- DOE consortium is available in university which provides</p>

		<p>advanced technological instruments for analysis and carrying research projects as and when needed</p> <p>The school had fetched eleven sponsored research projects from various national research funding agencies. The school is actively involved in following field of research and plan to establish them.</p> <ol style="list-style-type: none"> <li>1. Drug design and development research for the diseases such as malaria, tuberculosis, cancer, inflammation, diabetes, asthma and hypertension, epilepsy.</li> <li>2. Analytical method development for various pharmaceutical formulations</li> <li>3. Novel drug delivery system and Formulation development</li> <li>4. Development and standardization of herbal formulation</li> <li>5. Search for anti-asthmatic agents of natural origin and their development.</li> <li>6. Drug-herb interaction.</li> </ol> <table border="1" data-bbox="597 890 1390 1728"> <thead> <tr> <th data-bbox="597 890 1000 978">Name of the Faculty</th> <th data-bbox="1000 890 1390 978">No. of Papers published (2012-2013)</th> </tr> </thead> <tbody> <tr><td data-bbox="597 978 1000 1020">Dr. Rajesh Sharma</td><td data-bbox="1000 978 1390 1020">11</td></tr> <tr><td data-bbox="597 1020 1000 1062">Dr. G.P. Choudhary</td><td data-bbox="1000 1020 1390 1062">04</td></tr> <tr><td data-bbox="597 1062 1000 1104">Mrs. Tamanna Narsinghani</td><td data-bbox="1000 1062 1390 1104">01</td></tr> <tr><td data-bbox="597 1104 1000 1146">Dr. (Mrs.) Nidhi Dubey</td><td data-bbox="1000 1104 1390 1146">01</td></tr> <tr><td data-bbox="597 1146 1000 1188">Dr. Love Kumar Soni</td><td data-bbox="1000 1146 1390 1188">04</td></tr> <tr><td data-bbox="597 1188 1000 1230">Dr. (Mrs.) Rashmi Dahima</td><td data-bbox="1000 1188 1390 1230">02</td></tr> <tr><td data-bbox="597 1230 1000 1272">Dr. Masheer Ahmed Khan</td><td data-bbox="1000 1230 1390 1272">11</td></tr> <tr><td data-bbox="597 1272 1000 1314">Dr. E. Manivannan</td><td data-bbox="1000 1272 1390 1314">05</td></tr> <tr><td data-bbox="597 1314 1000 1356">Dr. (Mrs.) Anupama Parate</td><td data-bbox="1000 1314 1390 1356">04</td></tr> <tr><td data-bbox="597 1356 1000 1398">Dr. Mukesh C. Sharma</td><td data-bbox="1000 1356 1390 1398">09</td></tr> <tr><td data-bbox="597 1398 1000 1440">Mr. Jitendra Sainy</td><td data-bbox="1000 1398 1390 1440">--</td></tr> <tr><td data-bbox="597 1440 1000 1482">Mrs. Apeksha Saraf</td><td data-bbox="1000 1440 1390 1482">--</td></tr> <tr><td data-bbox="597 1482 1000 1524">Mr. Gajanand Engla</td><td data-bbox="1000 1482 1390 1524">02</td></tr> <tr><td data-bbox="597 1524 1000 1566">Mr. Devashish Rathore</td><td data-bbox="1000 1524 1390 1566">--</td></tr> <tr><td data-bbox="597 1566 1000 1608">Mr. Mayank Sharma</td><td data-bbox="1000 1566 1390 1608">--</td></tr> <tr><td data-bbox="597 1608 1000 1650">Mr. Manoj Rathore</td><td data-bbox="1000 1608 1390 1650">--</td></tr> <tr><td data-bbox="597 1650 1000 1692">Mr. Mahendra Chouhan</td><td data-bbox="1000 1650 1390 1692">--</td></tr> </tbody> </table>	Name of the Faculty	No. of Papers published (2012-2013)	Dr. Rajesh Sharma	11	Dr. G.P. Choudhary	04	Mrs. Tamanna Narsinghani	01	Dr. (Mrs.) Nidhi Dubey	01	Dr. Love Kumar Soni	04	Dr. (Mrs.) Rashmi Dahima	02	Dr. Masheer Ahmed Khan	11	Dr. E. Manivannan	05	Dr. (Mrs.) Anupama Parate	04	Dr. Mukesh C. Sharma	09	Mr. Jitendra Sainy	--	Mrs. Apeksha Saraf	--	Mr. Gajanand Engla	02	Mr. Devashish Rathore	--	Mr. Mayank Sharma	--	Mr. Manoj Rathore	--	Mr. Mahendra Chouhan	--
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4.	<b>Infrastructure and Learning</b>	<p>School of Pharmacy has a huge building (G+2) with 4 of 11 construction area of 5250 sq.m.</p> <p>The School has administrative section, academic section, faculty</p>																																				

	<b>Resources</b>	<p>rooms, five class rooms, fourteen laboratories, a central store, a seminar hall, a drug museum, and a departmental library, medicinal garden. All the class rooms are equipped with OHP and Multimedia projectors with internet facilities.</p> <p>IT centre as learning resources: The University has IT centre which provide internet facility to school of pharmacy. 30 computer terminals with internet facility are made available to students, staffs and faculty members.</p> <p>Sports complex is available in campus to promote students sports activities. A sports committee has been constituted for the conduction of sports at various levels. A cultural committee helps students to take part in various cultural events held at university level.</p>
5.	<b>Student Support and Progression</b>	<p>Apart from the well developed infrastructure and study environment, many supports are available to the students in this department, which determines the quality of education imparted in the department. This may also be reflected in the progression of the students to higher levels of academic pursuits and employment.</p> <p>The class coordinators look after the progress of the students and provide academic support to improve the results.</p> <p>The school has maintained a constant profile of GPAT qualifying students with highest national level ranking in every year. There are 06 students who have qualified in GPAT-2013, 03 in GRE and 12 students have been selected in National Rural Health Mission Recruitment.</p> <p>Financial assistance and scholarships for students are provided up on receipt of funding from state Govt. and AICTE stipends for the GPAT qualified M. Pharm. students. Fee relaxation is available to SC/ST/OBC students as per State Government rules.</p> <p>Students actively participated in cultural and sports meet organized in the department on the occasion of annual function.</p>
6.	<b>Governance and Leadership</b>	<p>The vision is to create a functional, globally competitive &amp; research-focused department, but responsive to the needs of the society, while delivering world-class education and knowledge. The vision statement of the department is: “The department aspires to become a highly technical education which would inculcate the students with potential</p>

		<p>towards excellence and also would impart strong character and competence and solving problems arising out of fast changing realities, global and local”.</p> <p>The mission of the department is to place it in the forefront of Research and development, Innovation, Knowledge Transfer and Human Resource Development in the global academic field.</p> <p>Department has constituted various committee for smooth functioning of the system like departmental committee, exam committee, purchase committee, finance committee etc. The participation of the staff is encouraged in the process of decision-making for proper institutional functioning.</p> <ul style="list-style-type: none"> <li>* Interacting with its stakeholders: Class coordinators are directly in contact with the students. Feedback of students and alumni are taken in each session. Besides, there is a provision of parents teacher meet in every year.</li> <li>* Reinforcing a culture of excellence Development programmes for staff in the form of workshops, conferences, seminars are organized by the department and they are also encouraged to attend such events. Department encourage our staff to take part in research, do higher studies and thereby improve their professional abilities.</li> <li>* identifying organizational needs and striving to fulfill them</li> </ul>
7.	<b>Innovative practices</b>	<p>All profound innovation and creativity involves good understanding and knowledge (practical as well as theoretical) of particular subject. There are separate subjects in our curriculum specially designed to generate creativity and skills among the students. Examples are packaging technology, food technology and drug design, wherein students are provided with basic knowledge of the subject, its significance, technology used, various innovative techniques, its application, related software (if any), new trends and its regulatory part.</p> <p>An Internal quality assurance system has been developed for monitoring quality assurance and enhancement.</p> <p>To achieve this goal, there are regular meetings of the Faculty members are organized within the department.</p>

		<p>All efforts are made to implement suggestions from Faculty members and students for quality improvement.</p> <p>Students are always encouraged to follow the best practices in both academic and extra-curricular activities.</p> <p>Regular monitoring of the students and interaction with them will definitely improve academic environment and also motivate students to produce best outcome.</p> <p>A NSS Unit was established in the School. This unit is constantly involved in various activities required by NSS from time to time.</p>
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### **PART B: ACTIONS DURING THE YEAR 2012-13**

01	<b>Activities reflecting the goals and objectives of the institution</b>	<p>To impart quality education in the field of Pharmaceutical Science and to make the students expertise with the practical aspects of the subjects along with the recent developments in the drug discovery and pharmaceutical research.</p> <p>The above statement is supported from the followings:</p> <ol style="list-style-type: none"> <li>1. Increase in number of research project funded by different funding agencies.</li> <li>2. A good number of students have been qualified in GPAT 2013.</li> <li>3. A satisfactory number of students got admission in management course.</li> <li>4. A good number of students are getting admission in National Rural Health Mission Recruitment.</li> </ol>
02	<b>New academic program initiated (UG and PG)</b>	Nil
03	<b>Innovations in curricular design and transaction</b>	<p>The revised syllabus has been implemented in both M. Pharm and B.Pharm courses. The revised syllabus included Communication Skill and Personality Development as a subject in B.Pharm. Course (From B.Pharm. First semester to B.Pharm. VII semester) and also an elective subject in B.Pharm. VII semester. A syllabus for Ph.D entrance exam (DET) and Ph.D course work has framed and implemented in session 2012-13.</p>
04	<b>Inter-disciplinary</b>	No Inter-disciplinary programmes started in the department but Ph.D.



	<b>programmers started</b>	research work is carried out in Pharmacy interdisciplinary areas
05	<b>Examination reforms Implemented</b>	<p>Semester system is followed and the answer sheets were shown to the students after evaluation.</p> <p>The format of question paper has been changed from the standard five out of seven essay type question. The question paper is now divided into three sections.</p> <p><b>Section A:</b> All eight questions of this section are compulsory. Each question carries 1 Marks.</p> <p><b>Section B :</b> Students have to attempt any four out of five questions. Each question carries 6 Marks.</p> <p><b>Section C :</b> Students have to attempt any three out of five questions. Each question carries 16 Marks.</p> <p>The above pattern was successful with respect to quality of students and teaching.</p>
06	<b>Candidates qualified NET/SLET/GATE etc.</b>	Most of the passed out students who have qualified competitive exams like GRE, TOEFL, GPAT etc to get fellowship and scholarship for higher studies. This year 50%, 100% and 100% of the students have qualified GPAT, GRE and TOEFL respectively, out of the total students appeared. The number of qualifying students is increasing continuously.
07	<b>Initiative towards faculty development programme</b>	Faculties are encouraged to attend UGC orientation, refresher course and AICTE quality improvement programme. Faculties are also encouraged to attend national/international seminars, workshops, symposium and conferences. A good number of faculty member had participated in UGC sponsored, Refresher Course, orientation program etc.
08	<b>Total number of seminars/workshops conducted</b>	01
09	<b>Research projects</b> a)Newly implemented b)Completed	The school had fetched sponsored research projects from various national research funding agencies.

**1. Dr. Rajesh Sharma**

<b>S. No.</b>	<b>Title of the Project</b>	<b>Name of the funding Agency</b>	<b>Amount sanctioned [Rs. In Lakhs]</b>	<b>Duration</b>
<b>01</b>	Major Research Project: Computer aided drug design, synthesis and biological evaluation of novel anti-diabetic agents from naturally occurring lead compounds	AICTE, New Delhi	13,50,000/-	2010-2012
<b>02</b>	Major Research Project: Computer Aided Drug Design, Synthesis, and Biological Evaluation of DPP-IV inhibitors as anti-diabetic agents	UGC, New Delhi	10,09,800/-	2011-2014
<b>03</b>	Computer Aided Drug Design, Synthesis and Evaluation of some anti-malarial agents	MPCST, Bhopal	3,72,000/-	2011-2014

**2. Dr. G. P. Choudhary**

<b>S. No.</b>	<b>Title of the Project</b>	<b>Name of the funding Agency</b>	<b>Amount sanctioned [Rs. In Lakhs]</b>	<b>Duration</b>
<b>1.</b>	Major Research Project: Antihistaminic and mast cell stabilizing activity of some Indian medicinal plants	UGC, New Delhi	6, 08,800	2010-2013
<b>2.</b>	Evaluation of some indigenous anti-asthmatic drugs	AICTE, New Delhi	10,50,000	2010-2013
<b>3.</b>	Antitussive and mast cell stabilizing activity of some Indian medicinal plants	MPCST, Bhopal	1, 80,000	2010-2013

**3. Dr. Love Kumar Soni**

<b>S. No.</b>	<b>Title of the Project</b>	<b>Name of the funding Agency</b>	<b>Amount sanctioned [Rs. In Lakhs]</b>	<b>Duration</b>
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1.	Major Research Project: Computer Aided Designing and Evaluation of New Anti-Tubercular Agents	UGC, New Delhi	10, 36,800	2010-2013
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#### 4. Dr. Rashmi Dahima

S. No.	Title of the Project	Name of the funding Agency	Amount sanctioned [Rs. In Lakhs]	Duration
1.	Exploration of tamarind seed polysaccharide as gelling agent for sustained ocular delivery of moxifloxacin.	MPCST, Bhopal	4,68,000	2011-2013

#### 5. Dr. Masheer Ahmed Khan

S. No.	Title of the Project	Name of the funding Agency	Amount sanctioned [Rs. In Lakhs]	Duration
1.	Major Research Project: Formulation of a novel sustained release oral antidiabetic drugs combination through computer aided optimization and their evaluation.	UGC, New Delhi	Rs. 708000/-	2012-2015

#### 6. Dr. E. Manivannan

S. No.	Title of the Project	Name of the funding Agency	Amount sanctioned [Rs. In Lakhs]	Duration
1.	Design and synthesis of anticancer agents for breast and prostate cancer	AICTE, New Delhi	10,50,000	2009-12

10	<b>Patents generated if Any</b>	Two patents have been filed by faculty Dr. (Mrs.) Rashmi Dahima <input type="checkbox"/> Gastro retentive cytoprotective drug delivery system (GRCDDS). application No.2049/MUM/2008. <input type="checkbox"/> Milk powder as a super disintegrating agent. application No.1528/MUM/2009. (Dr. Rashmi Dahima and Dr. Rajesh Sharma.)		
11	<b>New collaborative research program</b>	None		
12	<b>Research grants received from various agencies</b>	The research grants are given by different funding agencies like AICTE, UGC, MPCST for 10 projects. Present funding is approximately 60 lacs. The major areas of research are Antidiabetics,		

		Antimalarials, Antihistaminic, Antiasthmatic, Antitussive, Anticancer and Glaucoma.																																	
13	<b>Details of Research Scholars</b>	<p>Total 06 registered research scholars have been performing research work in various pharmacy disciplines.</p> <table border="0"> <thead> <tr> <th style="text-align: left;"><b>Name</b></th> <th style="text-align: left;"><b>Supervisor</b></th> </tr> </thead> <tbody> <tr> <td>1. Mr. J.R. Agrawal</td> <td>Dr.Rajesh Sharma</td> </tr> <tr> <td>2. Mr. S.C.Sharma</td> <td>Dr.Rajesh Sharma</td> </tr> <tr> <td>3. Mr. Jitendra Sainy</td> <td>Dr.Rajesh Sharma</td> </tr> <tr> <td>4. Mr. Ganesh Prasad Mishra</td> <td>Dr.Rajesh Sharma</td> </tr> <tr> <td>5. Mr. Mayank Sharma</td> <td>Dr.Rajesh Sharma</td> </tr> <tr> <td>6. Mrs. Tamanna Narsinghani</td> <td>Dr. Rajesh Sharma</td> </tr> </tbody> </table> <p>Three candidates have been awarded doctorate in the session under the supervision of Dr. Rajesh Sharma,  Dr. Anupama A Parate  Dr. Anurekha Jain  Dr. Sudha Vengurlekar</p>	<b>Name</b>	<b>Supervisor</b>	1. Mr. J.R. Agrawal	Dr.Rajesh Sharma	2. Mr. S.C.Sharma	Dr.Rajesh Sharma	3. Mr. Jitendra Sainy	Dr.Rajesh Sharma	4. Mr. Ganesh Prasad Mishra	Dr.Rajesh Sharma	5. Mr. Mayank Sharma	Dr.Rajesh Sharma	6. Mrs. Tamanna Narsinghani	Dr. Rajesh Sharma																			
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14	<b>Citation index of Faculty members and impact factor</b>	<table border="1"> <thead> <tr> <th style="text-align: center;">Name</th> <th style="text-align: center;">Citations</th> <th style="text-align: center;">h-Index</th> </tr> </thead> <tbody> <tr> <td>Dr. Rajesh Sharma</td> <td style="text-align: center;">263</td> <td style="text-align: center;">11</td> </tr> <tr> <td>Mrs. Tamanna Narsinghani</td> <td style="text-align: center;">29</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Dr. (Mrs.) Nidhi Dubey</td> <td style="text-align: center;">43</td> <td style="text-align: center;">4</td> </tr> <tr> <td>Dr. Love Kumar Soni</td> <td style="text-align: center;">151</td> <td style="text-align: center;">7</td> </tr> <tr> <td>Dr. (Mrs.) Rashmi Dahima</td> <td style="text-align: center;">20</td> <td style="text-align: center;">3</td> </tr> <tr> <td>Dr. Masheer Ahmed Khan</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Dr. E. Manivannan</td> <td style="text-align: center;">158</td> <td style="text-align: center;">8</td> </tr> <tr> <td>Dr. Anupama A. Parate</td> <td style="text-align: center;">-</td> <td style="text-align: center;">1</td> </tr> <tr> <td>Dr. Mukesh C. Sharma</td> <td style="text-align: center;">686</td> <td style="text-align: center;">10</td> </tr> <tr> <td>Mr. Jitendra Sainy</td> <td style="text-align: center;">27</td> <td style="text-align: center;">2</td> </tr> </tbody> </table>	Name	Citations	h-Index	Dr. Rajesh Sharma	263	11	Mrs. Tamanna Narsinghani	29	4	Dr. (Mrs.) Nidhi Dubey	43	4	Dr. Love Kumar Soni	151	7	Dr. (Mrs.) Rashmi Dahima	20	3	Dr. Masheer Ahmed Khan	-	1	Dr. E. Manivannan	158	8	Dr. Anupama A. Parate	-	1	Dr. Mukesh C. Sharma	686	10	Mr. Jitendra Sainy	27	2
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Dr. Mukesh C. Sharma	686	10																																	
Mr. Jitendra Sainy	27	2																																	
15	<b>Honors/Awards to the faculty</b>	<p>Following are the awards received by the faculty members of the department</p> <ol style="list-style-type: none"> <li>1. Dr. (Mrs.) Nidhi Dubey has received prestigious 8<sup>th</sup> Dr. P. D. Sethi Research Paper Annual Award-2012 (Certificate of Merit) for Two International Research papers on fundamentals and application of HPTLC in Pharmaceutical and Herbal analysis.</li> <li>2. Dr. Love Kumar Soni has received Best paper award for poster presentation entitled “ Studies of Sun Protection factor of sunscreen</li> </ol>																																	

		<p>cosmetic formulation for their selection and use” in international conference held at Department of Biotechnology/Zoology, Govt. College, Aron, M.P., India on 16-17 Feb 2013.</p> <p>3. Mr. Gajanand Engla has received Best paper award for poster presentation entitled “ Studies of Sun Protection factor of sunscreen cosmetic formulation for their selection and use” in international conference held at Department of Biotechnology/Zoology, Govt. College, Aron, M.P., India on 16-17 Feb 2013</p> <p>4. Dr. Mukesh C. Sharma received VLife Best Publication Award 2013, VLife Science Pvt. Ltd., Pune.</p>
16	<b>Internal resources Generated</b>	As School of Pharmacy is a self finance department, resources are generated from student fee.
17	<b>Details of departments getting SAP, FIST, etc assistance/recognition</b>	SAP, FIST: Not Granted UGC Grant for Faculty Salaries: Rs. 40 Lakhs for 5 years
18	<b>Community services</b>	Students and faculty member of the department regularly involved in various activities like Shram Daan, Cleanliness drive, plantation through NSS, Blood donation camp.
19	<b>Teachers and officers newly recruited</b>	Four faculty members and two members in non-teaching staff were recruited in 2012 on contract basis.
20	<b>Teaching-Nonteaching staff ratio</b>	17:16
21	<b>Improvements in the library services</b>	New Books with latest titles have been added in the Departmental Library. Proper maintenance of issue and return records. Software system to search the availability books in departmental and central library. Journal issues bonded year wise for quick reference. Proposal for maintaining a BOOK BANK for the students and faculty.
22	<b>New books/journals subscribed and their Value</b>	<p>a) Print (books, back volumes and theses): Books-3494</p> <p>b) Average number of books added during the last three years: 431</p> <p>c) Non Print (Audio Video, CDs, Downloaded Articles): 15 CDs</p> <p>d) Electronic (e-books, e-journals): More than 1400</p> <p>e) Special collections (e.g. text books, reference books, standards, patents): 10 Gifted Text Books</p>
23	<b>Courses in which Student Assessment of Teachers is</b>	Student Assessment of Teachers is introduced in both B. Pharm. and M. Pharm. Course subjects through student feedback system. They are evaluated by the departmental IQAC committee and strength and

	<b>introduced and the action taken on student feedback.</b>	weakness informed to concerned teacher.
24	<b>Unit Cost of Education. Unit Cost = total annual expenditure budget (Actual) divided by the number of students enrolled.</b>	59,025.51 <b>Including salary component</b> 8,795.92 <b>Excluding salary component</b>
25	<b>Computerization and Administration and the process of Admissions and examination, result issue of certificates.</b>	<b>Administration:</b> Administrative work is documented in both register and computer. <b>Admission:</b> UG admission was made through CET examination by university CET committee. PG admission was made through computerized process via MP online portal applications. <b>Examination:</b> A separate computer and printer facility for Examination work is provided in the confidential room. The Examination result processing is computerized. Computer printed mark-sheet are issued to the students.
26	<b>Increase in the infrastructural facilities.</b>	As per Pharmacy Council of India requirements the major facilities were upgraded by purchasing various equipments and instruments.
27	<b>Technology up gradation.</b>	Networking facility through IT center Computers and LCD projectors are available as Teaching aid.
28	<b>Computer and internet access and training to teacher and students.</b>	Yes. Provided
29	<b>Financial aid to students.</b>	GPAT qualified M.Pharm. Students of school of Pharmacy receive fellowship of Rs.8000/- p.m from AICTE, New Delhi on the basis of receipt of grant. M.P. Govt. aid in the form fee relaxation is provided to SC/ST/OBC candidates of both M.Pharm and B.Pharm. 30.
30	<b>Activities and support from the</b>	Alumni Association has been established and the information is provided on the School website.

	<b>Alumni Association.</b>	
31.	<b>Activities and support from the parent Teacher Association</b>	Faculty handles PTA and all the class coordinators assist in the PTA. The meeting was held in the last semester and documented in the PTA register.
32.	<b>Health Services</b>	Students are provided Health Centre facility by the University
33.	<b>Performance in sports activities</b>	Students participated in Inter Departmental Sports activities. On the occasion of annual day function, the department also conducted sports and cultural programmes.  Students actively participate in sports and cultural programs organized at departmental and university level. A group of B. Pharm. students participated in UTD sports and Cultural Fest 2013, wherein department secured III position in the dance competition and Best Disciplined Department in sports.
34.	<b>Incentives to outstanding sports persons.</b>	Ceritificates/ trophies are awarded to the students at departmental and university level to encourage and promote participation amongst the students.
35.	<b>Students achievements and awards.</b>	There are 06 students who have qualified in GPAT-2013, 03 in GRE and 12 students have been selected in National Rural Health Mission Recruitment.
36.	<b>Activities of the Guidance and Counseling Units.</b>	Class room discussion of class coordinators with UG and PG students encouraged them in academic improvements and research activities.
37.	<b>Placements services provided to student.</b>	Yes, provided. Faculties take care of the placement activities of the School. Campus selection was conducted for production, QA and QC.
38.	<b>Development programmes for Non- teaching staff.</b>	None
39.	<b>Healthy practices of the institution.</b>	Regular and quality teaching.  Class coordinators have close observation with students in solving their problem.  Special attention to weak students.

		Student feedback system for quality improvement. Active involvement of faculty in research activities.
40.	<b>Linkages developed with National/ International, Academic/Research bodies.</b>	Linkage has been developed with Central Drug Research Institute, Lucknow; Punjab University, Chandigarh by utilizing the Sophisticated Analytical Instrumentation Facility.
41.	<b>Any other relevant information the institution wishes to add</b>	The school actively works for the overall development of the students, society through quality teaching and research.

**PART C: Details of plan of the institutions for the next year.**

- Starting new PG courses in Pharmaceutics and Herbal Drug Technology.
- Planning for Industrial/Institute collaboration
- Enhancing Campus placement activities
- Fetching more and more research grants from funding agencies.
- Students Centric Learning
- Strengthening of ICT facility
- Organization of Seminars, Conferences and Workshops at State, National and International level.
- To increase the number and titles of books in departmental library

**Name & Signature of the Coordinator IQAC, Members**

1.

2.

3.

**Name of Signature of the HEAD, UTD**