



STUDENT HANDBOOK

SESSION 2022-2023



Department of Pharmacy
Guru Ghasidas Vishwavidyalaya
Bilaspur (C.G.)



STUDENT HANDBOOK



Session: 2022-23

**DEPARTMENT OF PHARMACY
GURU GHASIDAS VISHWAVIDYALAYA
(A Central University)
BILASPUR-495009 (CG)**

Preface:

Department of Pharmacy (previously known as SLT Institute of Pharmaceutical Sciences) was established in the year 1997, with an objective to prepare professionally competent manpower in the field of Pharmaceutical Sciences. The Department has the mandatory infrastructure and approvals from All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). This is the pioneer Pharmacy institution in the Chhattisgarh State. Department offers the various courses like D.Pharm., B.Pharm., M.Pharm. (Pharmaceutics, Pharmaceutical Chemistry, Pharmacology and Pharmacognosy) and Ph.D. programme. The Department has secured 35th, 37th, 44th, 42nd 43rd position in National Institutional Ranking Framework (NIRF) ranking in Pharmacy in the year 2017, 2018 and 2019, 2020, 2021 and 2022, respectively.

Department fetched funding of more than around 4 Corer rupees from National Agencies such as UGC, SERB, DST, AICTE and Ministry of Rural Development, Govt. of India in the form of major Research or SAP Projects. The Department has highly qualified faculty members having expertise in their respective areas. Faculty members have Interaction & collaboration with various National, International Universities & Institutions and, also regularly visits the same to update their knowledge and skills. The faculty of the Department is actively involved in research activities. The faculty members have been invited to deliver invited talks in various conferences. Faculty members have published more than 300 International and 230 National papers in various Reputed Journals. Research activities are focused on Chronotropic drug delivery, Gastro-retentive drug delivery, Colon targeted drug delivery, Herbal technology, Vaccine delivery and Pharmacological studies etc.

Department have well established animal house (CPCSEA approved) and Laboratory with sophisticated instruments like HPLC, HPTLC, UV, FTIR, Lyophilizer, Particle Size Analyzer, NIBP, digital stereotaxic apparatus, Cryostat, behavioral animal models and software based on molecular modeling. Department have well managed medicinal plants garden where around 200 species of Medicinal Plants are cultivated. Department as well as the University has separate well established libraries with online databases of repute such as Science direct and INFLIBNET. Department has organized a number of National level Seminars and Workshops on recent advances in Pharmaceutical Education and research. Passed out students are well placed at International and National Organizations.

Mission Statement

Mission of the Department is to contribute for the growth of our nation by providing quality education, training and research in all fields of Pharmaceutical Sciences to transform students of pharmacy as a skilled health professionals, technologists and research scientists.

Vision Statement

- To empower our students to substantially contribute towards the social well being through pharmaceutical education and research.
- To provide them updated knowledge, facilities, guidance and practical training and encourage them to become globally competent pharmacy professionals.

General Objectives

- To impart quality pharmacy education to our students and research scholars.
- To provide world-class educational and research facilities to our students and research scholars.
- To develop the skill among students befitting the requirements of the educational and research institutions as well as pharmaceutical industry.
- To explore and take over the research programs as per the national and regional requirements in the field of pharmaceutical research.
- To explore the regional and national ethno medical knowledge and medicinal plants for its transformation into new drug formulation in collaboration with Baigas and Vaidyas of Chhattisgarh state.

Program Objectives:

Diploma Program

D. Pharmacy

- To integrate pharmacy knowledge and skills with a fringe of self-motivation so as to increase inclination for higher studies and research.
- To develop pharmacists to contribute effectively in the social health care system.
- To provide hands on training through state of art infrastructure to meet challenges of pharmacy profession.
- To inculcate leadership and entrepreneurship capabilities in future pharmacists.

Undergraduate Program

B. Pharmacy

- To produce Pharmacy graduates with strong fundamental concepts and high technical competence in pharmaceutical sciences and technology.
- To provide students with a strong and well-defined concept in the various fields of pharmaceutical sciences viz., Pharmaceutics, Pharmaceutical chemistry, Pharmacognosy, Pharmacology and Pharmacy Practice according to the requirement of pharmaceutical industries, community and hospital pharmacy.
- To develop a sense of teamwork and awareness amongst students towards the importance of interdisciplinary approach for developing competence in solving complex problems in the area of Pharmaceutical Sciences.
- To encourage the students to participate in life-long learning process for a highly productive career and to relate the concepts of Pharmaceutical Sciences towards serving the cause of the society.

Post Graduate Program

M. Pharmacy (Pharmaceutics, Pharmaceutical chemistry, Pharmacology, Pharmacognosy)

- To impart scientific information to the Post-Graduates regarding basic principles of each discipline they will opt from Pharmaceutics, Pharmaceutical chemistry, Pharmacology, Pharmacognosy.
- To provide hands on training of practical aspects as per PCI, standards of official books, WHO, and other regulatory agencies.
- To encourage the Post-Graduates to think logically, solve the problems, develop an ability to conduct, analyze and interpret data of pharmaceutical experiments in various departments as per the needs of pharmaceutical industries by working on state of the art sophisticated instrumentation.
- The Post-Graduates will develop an ability to visualize and work on multidisciplinary tasks. They will be able to demonstrate necessary skills (eg. working independently, time management and organizational skills). They will demonstrate an adaptable, flexible and effective approach towards organizational development.
- To prepare a professional Post-Graduates ready to cater the growing National as well as international scientific needs of Pharmacy profession.

CONTENTS

Serial Number	Particulars	Page Number
1.	About University	1
2.	About Department and Faculty	1 - 5
3.	Academic Calender	6-8
3.	Course Ordinance(s)	9
4.	Course Scheme and Syllabus	10 - 61
5.	Student Welfare schemes	62-63
6.	Code of Conduct for students	63- 64
7.	Discipline Among students in University Examinations	64- 68
8.	About Ragging	69-73
9.	University e-mail and Telephone numbers	74

ABOUT THE VISHWAVIDYALAYA

Guru Ghasidas Vishwavidyalaya (GGV) established by an Act of the Madhya Pradesh State Legislative Assembly was formally inaugurated on June 16, 1983 and was upgraded to a Central University by The Central Universities Act, 2009 in January 2009. GGV is an active member of the Association of Indian Universities and Association of Commonwealth Universities.

Situated in a socially and economically challenged area, the University is appropriately named to honour the Great Satnami Saint Guru Ghasidas (born in 17th century), who championed the cause of the downtrodden and waged a relentless struggle against all forms of social evils and injustice prevailing in the society.

The GGV offers various courses in the areas of Arts, Commerce, Education, Engineering & Technology, Law, Humanities, Life Sciences, Management, Pharmacy, Physical Sciences, Social Sciences & Physical Education.






ABOUT THE DEPARTMENT

SLT Institute of Pharmaceutical Sciences was established in the year 1997, with an objective to prepare professionally competent manpower in the field of pharmaceutical sciences. The Institute has the mandatory infrastructure and approvals from All India Council for Technical Education (AICTE) and Pharmacy Council of India (PCI). This is the pioneer Institute in the Chhattisgarh State. Institute offers the various courses like D.Pharm., B.Pharm., M.Pharm. (Pharmaceutics, Pharmaceutical Chemistry and Pharmacology, Pharmacognosy) and Ph.D. programme. It is the only Institute in Chhattisgarh to secure National Institutional Ranking Framework (NIRF) within top 50 ranking in Pharmacy for the past 10years. The institute is committed to a learning environment that embraces diversity, inclusiveness, equity and respect. The department has a productive engagement with the alumni, educational partners and community as well.


Institute fetched funding of more than 15 million rupees from National Agencies such as UGC, AICTE and Ministry of Rural Development, DST, SERB, ICMR Govt. of India in the form of Research Projects. The institute has 25 doctoral faculty members with most of them having completed part of their education in reputed foreign Universities. Interaction & collaboration with other National & International Universities & Institutions further makes students and faculty members update their knowledge. The faculty of the institute is actively involved in research activities. The faculty members have been invited to deliver invited talks in various conferences. Faculty members have published more than 200 International and 130 National papers in various Reputed Journals. Research activities are focused on anticancer drug development agents, Computer aided drug design, Chronotropic drug delivery, Gastro-retentive drug delivery, Colon targeted drug delivery, Herbal technology, Vaccine delivery and Ethno-Pharmacological studies etc.








Institute have well established Laboratory with sophisticated instruments like HPLC, HPTLC, UV, FTIR, Lyophilizer, Particle Size Analyzer and software based on molecular modeling. Institute have well managed medicinal plants garden where around 200 species of Medicinal Plants are cultivated. Institute as well as The University has separate well established libraries with online databases of repute such as Science direct and INFLIBNET. Institute has organized a number of National level Seminars and Workshops on recent advances in Pharmaceutical Education and research. Passed out students are well placed at International and National Organizations. More than 10 students are also working in Government drug control administration Department at central and state level.

FACULTIES

Name and Designation		Specialization	Resume Link
Head of the Department Bharti Ahirwar Associate Professor Email - ah_bharti@yahoo.com Contact No.- 07752-258005, 94252-22614		Pharmacognosy	https://www.ggu.ac.in/Admin/Files/Resume/Dr.Bharti%20Ahirwar-pdf.pdf
Prof. V.D.Rangari Designation - Professor Email - dr.rangarivinod@gmail.com Contact No.- 98939-39894		Pharmacognosy	https://www.ggu.ac.in/Admin/Files/Resume/Vinod%20D%20Rangaari-Biodata%2003.10.19.pdf
Alpana Ram Designation - Associate Professor Email - alpanaram872@gmail.com Contact No.- 7049045315		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/Dr.%20Alpana%20Ram.pdf
Sanmati Kumar Jain Designation - Associate Professor Email - samantijain72@yahoo.in Contact No.- 07752-260027(0), 99935-61993		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/S%20K%20JAIN.pdf
K.P. Namdeo Designation - Associate Professor Email - knamdeo@yahoo.com Contact No.- 99931-97612		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/K%20P%20Namdev.pdf

<p>Surendra H. Bodakhe Designation - Associate Professor Email - bodakhe@yahoo.com Contact No.- 99265-64718</p>		Pharmacology	https://www.ggu.ac.in/Admin/Files/Resume/SHB.pdf
<p>Dilipkumar Pal Designation - Associate Professor Email - drdilip2003@yahoo.co.in Contact No.- 73892-63761</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Dr%20Pal%20IQAC%20Resume%20Formal%201%20modified%20final%20(1).pdf
<p>Neeli Rose Beck Designation - Assistant Professor Email - Neeli05011974@gmail.com Contact No.- 98279-94882</p>		Pharmacognosy	https://www.ggu.ac.in/Admin/Files/Resume/Neeli%20Rose%20Back.pdf
<p>S. K. Lanjhiana Designation - Assistant Professor Email - sklanjh@rediffmail.com Contact No.- 98262-52991</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/SK_Lanjhiyana.pdf
<p>Pradeep Samal Designation - Assistant Professor Email - samalpharmacology@rediffmail.com Contact No.- 88395-36598</p>		Pharmacology	https://www.ggu.ac.in/Admin/Files/Resume/Biodata%20Dr.%20Pradeep%20Samal.pdf
<p>Kedar Prasad Meena Designation - Assistant Professor Email - meenapharmaceutics@rediffmail.com Contact No.- 94241-60514</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/K%20P%20Meena.pdf
<p>Manoj Kumar Designation - Assistant Professor Email - mrmanojkumar1@yahoo.co.in Contact No.- 95752-58797</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/DR%20MANOJ%20KUMAR.pdf
<p>Harish Rajak Designation - Assistant Professor Email - harishdops@yahoo.co.in Contact No.- 98279-11824</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Dr%20Harish%20Rajak_18.04.2022.pdf

<p>Ravi Shankar Pandey</p> <p>Designation - Assistant Professor</p> <p>Email - rspandey1@gmail.com</p> <p>Contact No.- 94241-73126</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/Resume_RSP%20for%20website.pdf
<p>Meenakshi Jaiswal</p> <p>Designation - Assistant Professor</p> <p>Email - meenakshi_123123@rediffmail.com</p> <p>Contact No.- 97701-66557</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Meenakshi%20Jaiswal%20-%20biodata%2003.10.19.pdf
<p>Sunil K. Jain</p> <p>Designation - Assistant Professor</p> <p>Email - suniljain25in@yahoo.com</p> <p>Contact No.- 94254-52174</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/Sunil%20K%20Jain.pdf
<p>Arjun Patra</p> <p>Designation - Assistant Professor</p> <p>Email - drarjunpatra22@gmail.com</p> <p>Contact No.- 075874-71798</p>		Pharmacognosy	https://www.ggu.ac.in/Admin/Files/Resume/Arjun%20patra.pdf
<p>Jagadish Singh</p> <p>Designation - Assistant Professor</p> <p>Email - jagadishpharm09@gmail.com</p> <p>Contact No.- 75873-12673</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Dr.%20jagadish%20biodata..pdf
<p>Shivani Rai Paliwal</p> <p>Designation - Assistant Professor</p> <p>Email - srai2k@gmail.com</p> <p>Contact No.- 94075-91647</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/Dr.%20Shivani_Rai_Paliwal.pdf
<p>Sanjay Kumar Bharti</p> <p>Designation - Assistant Professor</p> <p>Email - sanjay.itbhu@gmail.com</p> <p>Contact No.- 93018-08566</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Resume-SKB.pdf

<p>Vivekananda Mandal</p> <p>Designation - Assistant Professor</p> <p>Email - v.mandal@ggu.ac.in</p> <p>Contact No.- 75874-72660, 07752-652122</p>		Pharmacognosy	https://www.ggu.ac.in/Admin/Files/Resume/VMandal_CV%20upload.pdf
<p>Kesavan Karthikeyan</p> <p>Designation - Assistant Professor</p> <p>Email - kesavanmpharm@gmail.com</p> <p>Contact No.- 75874-83123</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/Dr.%20K.%20Kesavan.pdf
<p>Partha Pratim Roy</p> <p>Designation - Assistant Professor</p> <p>Email - partha_chemju@yahoo.co.in</p> <p>Contact No.- 7587472630</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Partha%20Pratim%20Roy_CV_for_GGU%2018.11.21.pdf
<p>Nishant S. Jain</p> <p>Designation - Assistant Professor</p> <p>Email - nishant.s.jain@hotmail.com</p> <p>Contact No.- 88279-89653</p>		Pharmacology	https://www.ggu.ac.in/Admin/Files/Resume/Nishant%20Jain.pdf
<p>Akhlesh Kumar Jain</p> <p>Designation - Assistant Professor</p> <p>Email - akjain.ie@gmail.com</p> <p>Contact No.- 88712-11758</p>		Pharmaceutics	https://www.ggu.ac.in/Admin/Files/Resume/AKJain.pdf
<p>J. Rajeshwari (Ad-Hoc)</p> <p>Designation - Assistant Professor, AdHoc</p> <p>Email - jooraji@gmail.com</p> <p>Contact No.- 8770134246</p>		Pharmaceutical Chemistry	https://www.ggu.ac.in/Admin/Files/Resume/Rajeshwari%20J.pdf
<p>Dauram Chandravanshi (Ad-Hoc)</p> <p>Designation - Assistant Professor (Adhoc)</p> <p>Email - dauram.chandravanshi09@gmail.com</p> <p>Contact No.- 9617218490</p>		Pharmacology	https://www.ggu.ac.in/Admin/Files/Resume/Dau%20Ram.pdf

ACADEMIC CALENDAR

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR [C.G.]

Modified Academic Calendar for Session 2021-22 for the University Teaching Departments

Even Semesters (UG and PG) Academic Session 2021-22

S.N	Event	2 nd Semester	4 th Semester
1.	Commencement of classes (New Admission)	02.05.2022	21.03.2022
2.	Summer Vacation	16.05.2022 to 15.06.2022	
3.	1 st Unit Test (Internal Assessment)	04.07.2022 to 08.07.2022	27.06.2022 to 01.07.2022
4.	Last date for showing the answer script of test to the students	15.07.2022	05.07.2022
5.	Last date for submission of End Semester Examination form	22.07.2022	18.07.2022
6.	2 nd Unit Test (Internal Assessment)	01.08.2022 to 05.08.2022	25.07.2022 to 29.07.2022
7.	Last date for showing the answer script of test to the students	12.08.2022	04.08.2022
8.	Last day of classes	02.09.2022	12.08.2022
9.	Practical/Project Examination	05.09.2022 to 09.09.2022	16.08.2022 to 22.08.2022
10.	End Semester Examination	12.09.2022 to 24.09.2022	24.08.2022 to 08.09.2022
11.	Last date for showing the answer script of test to the students	29.09.2022	15.09.2022
12.	Last date for submission of final marks of Internal Assessment (1 st +2 nd) to COE along with evaluated manuscript (Theory + Practical) + Final marks of end semester examination along with evaluated manuscript (Theory + Practical)	04.10.2022	19.09.2022

Commencement of Classes for 3rd Semester- 26.09.2022
Commencement of Classes for 5th Semester -12.09.2022

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR [C.G.]

Academic Calendar for Session 2021-22 for the University Teaching Departments

Odd Semester (UG and PG)

Academic Session 2021-22

S.N	Event	1st Semester
1	Commencement of classes (New Admission)	14.12.2021
2	Winter Vacation	27.12.2021 to 03.01.2022
3	1 st Unit Test (Internal Assessment)	24.01.2022 to 28.01.2022
4	Last date for showing the answer script of test to the students	02.02.2022
5	Last date for submission of End Semester Examination form	18.02.2022
6	2 nd Unit Test (Internal Assessment)	07.03.2022 to 11.03.2022
7	Last date for showing the answer script of test to the students	15.03.2022
8	Last day of classes	25.03.2022
9	Practical/Project Examination	28.03.2022 to 31.03.2022
10	End Semester Examination	01.04.2022 to 18.04.2022
11	Last date for showing the answer script of Examination to the students	22.04.2022
12	Last date for submission of final marks of Internal Assessment (1 st + 2 nd) to COE along with evaluated manuscript (Theory + Practical) + Final marks of end semester examination along with evaluated manuscript (Theory + Practical)	26.04.2022

GURU GHASIDAS VISHWAVIDYALAYA, BILASPUR [C.G.]

Academic Calendar for Session 2021-22 for the University Teaching Departments

Even Semesters (UG and PG)

Academic Session 2021-22

S.N	Event	6 th Semester, 8 th Semester, 10 th Semester
1	Commencement of classes	20.12.2021
2	Winter Vacation	27.12.2021 to 03.01.2022
3	1 st Unit Test (Internal Assessment)	24.01.2022 to 28.01.2022
4	Last date for showing the answer script of test to the students	02.02.2022
5	Last date for submission of End Semester Examination form	18.02.2022
6	2 nd Unit Test (Internal Assessment)	07.03.2022 to 11.03.2022
7	Last date for showing the answer script of test to the students	15.03.2022
8	Last day of classes	25.03.2022
9	Practical/Project Examination	28.03.2022 to 31.03.2022
10	End Semester Examination	01.04.2022 to 18.04.2022
11	Last date for showing the answer script of Examination to the students	22.04.2022
12	Last date for submission of final marks of Internal Assessment (1 st + 2 nd) to COE along with evaluated manuscript (Theory + Practical) + Final marks of end semester examination along with evaluated manuscript (Theory + Practical)	26.04.2022

ORDINANCE, RULES AND REGULATIONS

The Ordinances set out, in detail, the rules for the conduct of the university's Course Ordinances are created and/or amended by the University Governing body. Detailed Ordinances of all the course run by university can be found in the University website (<https://www.ggu.ac.in/Ordinace.aspx>).

Please **find the link** below for the detailed ordinances governing the particular course conducted in the pharmacy department.

1. Diploma in Pharmacy (D. Pharm.) Link:

https://www.ggu.ac.in/Admin/Files/Document/10102022030236_Ordinance%20No.%2093%20DPharm.%20Annexure%20%20Appendix22_10.10.22.pdf

2. Bachelor of Pharmacy(B. Pharm.) Link:

https://www.ggu.ac.in/Admin/Files/Document/Ordinance%20No.%2014%20for%20B.%20Pharm_5.11.18.pdf

3. Master of Pharmacy (M. Pharm.) Link:

https://www.ggu.ac.in/Admin/Files/Document/10102022030515_M.%20Pharm.%20Ordinance-21-22_10.10.22.pdf

D. Pharm. Course

The ER-2020 D.Pharm Syllabus has the following structure in every course. Though the theory and practical courses are not mutually exclusive, as per the Regulations, the theory and practical are to be considered as individual courses.

Scope: These are broader statements on the purpose of the course in the curriculum, key contents of the course that will contribute to the specific knowledge and or skill developments. The teacher is expected to orient the students about the scope of the particular course at the beginning and intermittently.

Course Objectives: The course objectives describe the key topics that are intended by the teacher to be covered in the course. In general, these are more specific than the scope and broader than the course outcomes. The teacher is expected to discuss the objectives of the course with the students and break-down the course objectives into micro levels as objectives of a specific topic / objectives of a specific lecture, etc. Such an exercise shall make the students to understand the significance of the course / topic / lecture and enhance their attention on the course / topic / lecture.

Course Outcomes: The course outcomes are more specific than the course objectives describe that describe the abilities of the students to perform/act, upon successful completion of the course. Hence, conventionally the course outcomes are described with verbs that are measurable or observable actions. The teacher is expected to describe the desired outcomes of the particular course, so that the students shall understand the various assessment criteria, modalities, and parameters. This also serves as a broader guideline for the teachers for preparing the assessment plan. A well-structured assessment plan associated with the course outcomes shall enable to mapping with the professional competencies and their attainment levels that are attributed to the program outcomes.

Theory Courses: The theory courses basically provide concepts and explain the relationships between the concepts. Understanding of the theoretical courses enable the students to identify the problems in real life situation and make a plan for addressing such problems. Also, the theory course helps to understand what is not known and thus is the tool for accumulation of knowledge. The syllabus of the theory courses has been systematically and logically described as different chapters and the minimum number of hours to be spent on teaching are mentioned chapter wise and course wise. The teachers shall further distribute the total hours of any given chapter among the sub-topics as required by the subject matter.

Practical Courses: The practical courses are designed for applying the theoretical knowledge in the given experimental / simulated conditions. The practical courses deepen the understanding of theories, develop the skills, hone professional competencies, provide opportunities to observe, think and analyse problem solving methods. Further, they help to gain experience with the real things in practice. The teachers shall train the students in actual / simulated practical conditions.

Tutorials: The purpose of the tutorial hour is typically to engage the students in smaller groups in order to pay a closer attention on their learning process. This is an opportunity for the students to complete their assignments, develop specific skills, discuss any problems in the study topics in a less formal way. During the tutorial hour, the students shall exchange their ideas within the small group, and learn to accept constructive criticism and listen to others. Also, the tutorial hour enables the teachers to closely monitor the progress of the individual student and provide additional academic support to individuals, if necessary.

Assignments: The purpose the assignments are to encourage the students for self- directed learning. Further, the assignments will provoke critical thinking, enhance the skills such as literature search, data mining, data interpretation, report formatting, time-management, and written communication. This is also a mode of self- assessment for the student about the level of understanding of the concepts of a particular course. The teachers shall apply their knowledge and wisdom in choosing the assignment topics at a micro level in alignment with the topics given in the syllabus. The assignments shall be evaluated against a set of criteria. A typical format for the assessment of an assignment is given in Appendix-1.

Field Visits: The purpose of field visits is to provide a real-world experience to the students. The field visits will help them to realize that what they learn within the walls of the classroom / laboratory can help them solve the problems they see in the world around them. Also, this is helpful to the teachers to widen their horizons of knowledge and broadening the scope of the syllabus. Every student shall submit a report describing their objectives, experience, learning points, etc. pertaining to the field trip, in the typical format given in Appendix-2.

Recommended Books: For each course, a list of recommended books is given in the syllabus. The list shall be considered as an important and common resource for the teaching-learning process, but not the complete list. It is always encouraged to use the latest edition of the books specified. Further, the teachers and students are encouraged to explore more primary, secondary, and tertiary resources as required.

Practical Training: The goal of the practical training for the students is to provide a real-time, supervised experience on the professional tasks emphasised in their course of study. Further, it helps them to apply their acquired knowledge and skills in the professional working environment. The practical training intensively prepares the students with adequate competencies and qualifications required for the career opportunity in the future.

Thus, the ER 2020 D.Pharm syllabus is designed to nurture the students in all the three domains of Bloom’s Taxonomy viz. cognitive (knowledge), affective (attitude) and psychomotor (skills). Further, it also provides ample of scope to the students for different learning styles viz. visual, auditory and kinaesthetic, i.e., ‘see, hear and do’.

Guidelines for the conduct of theory examinations

Sessional Examinations

There shall be two or more periodic sessional (internal assessment) examinations during each academic year. The duration of the sessional exam shall be 90 minutes. The highest aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for theory sessional examinations shall be as given below.

I. Long Answers (Answer 3 outof 4)	3 x 5 =15
II. Short Answers (Answer 5 outof6)	5 x 3 = 15
III.Objective type Answers (Answer all 10 outof10) (Multiple Choice Questions / Fill-in the Blanks / One word OR one Sentence questions)	10 x 1 =10

Total	= 40 marks

Internal assessment: The marks secured by the students out of the total 40 shall be reduced to 20 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 20marks.

Final Board / University Examinations

The scheme of the question paper for the theory examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

I. Long Answers (Answer 6 outof 7)	= 6 x 5 = 30
II. Short Answers (Answer 10 outof 11)	= 10 x 3 =30
III. Objective type Answers (Answerall20) (Multiple Choice Questions / Fill-in the Blanks/ One word OR one Sentence questions)	= 20 x 1 = 20

Total = -----
80 marks

Guidelines for the conduct of practical examinations

Sessional Examinations

There shall be two or more periodic sessional (internal assessment) practical examinations during each academic year. The duration of the sessional exam shall be three hours. The highest aggregate of any two performances shall form the basis of calculating the sessional marks. The scheme of the question paper for practical sessional examinations shall be as given below.

I. Synopsis	=	10
II. Experiments	=	50*
III. Viva voce	=	10
IV. Practical Record Maintenance	=	10

Total	=	80 marks

* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course.

Internal assessment: The marks secured by the students out of the total of 80 shall be reduced to 10 in each sessional, and then the internal assessment shall be calculated based on the best two averages for 10 marks from the sessional and other 10 marks shall be awarded as per the details given below.

Actual performance in the sessional examination	=	10 marks
Assignment marks (Average of three)	=	5 marks*
Field Visit Report marks (Average for the reports)	=	5 marks [§]

Total	=	20 marks

*, § Only for the courses given with both assignments and field visit/s

Note:

1. For the courses having either assignments or field visit/s, the assessments of assignments or field visit/s shall be done directly for 10 marks and added to the sessional marks.
2. For the courses not having both assignment and field visit, the whole 20 marks shall be calculated from the sessional marks.

Final Board / University Examinations

The scheme of the question paper for the practical examinations conducted by the examining authority (Board / University) shall be as given below. The duration of the final examination shall be 3 hours.

I. Synopsis	=	10
II. Experiments	=	60*
III. Viva voce	=	10

Total	=	80 marks

* The marks for the experiments shall be divided into various categories, viz. major experiment, minor experiment, spotters, etc. as per the requirement of the course.

Course of Study -D. Pharm. I Year

S. No.	Course Code	Name of the Course	Total Theory / Practical Hours	Total Tutorial Hours	Theory / Practical Hours per Week	Tutorial Hours per Week
1.	ER20-11T	Pharmaceutics – Theory	75	25	3	1
2.	ER20-11P	Pharmaceutics – Practical	75	-	3	-
3.	ER20-12T	Pharmaceutical Chemistry – Theory	75	25	3	1
4.	ER20-12P	Pharmaceutical Chemistry – Practical	75	-	3	-
5.	ER20-13T	Pharmacognosy – Theory	75	25	3	1
6.	ER20-13P	Pharmacognosy – Practical	75	-	3	-
7.	ER20-14T	Human Anatomy & Physiology – Theory	75	25	3	1
8.	ER20-14P	Human Anatomy & Physiology – Practical	75	-	3	-
9.	ER20-15T	Social Pharmacy – Theory	75	25	3	1
10.	ER20-15P	Social Pharmacy – Practical	75	-	3	-

Course of Study - D.Pharm. II Year

S. No.	Course Code	Name of the Course	Total Theory / Practical Hours	Total Tutorial Hours	Theory / Practical Hours per Week	Tutorial Hours per Week
1.	ER20-21T	Pharmacology – Theory	75	25	3	1
2.	ER20-21P	Pharmacology – Practical	50	-	2	-
3.	ER20-22T	Community Pharmacy & Management – Theory	75	25	3	1
4.	ER20-22P	Community Pharmacy & Management – Practical	75	-	3	-
5.	ER20-23T	Biochemistry & Clinical Pathology – Theory	75	25	3	1
6.	ER20-23P	Biochemistry & Clinical Pathology – Practical	50	-	2	-
7.	ER20-24T	Pharmacotherapeutics – Theory	75	25	3	1
8.	ER20-24P	Pharmacotherapeutics – Practical	25	-	1	-
9.	ER20-25T	Hospital & Clinical Pharmacy – Theory	75	25	3	1
10.	ER20-25P	Hospital & Clinical Pharmacy – Practical	25	-	1	-
11.	ER20-26T	Pharmacy Law & Ethics	75	25	3	1

DETAILED SYLLABUS – D. Pharm. First year and Second year

Please follow the website

[:https://www.pci.nic.in/pdf/145 ER 20%20 syllabus 23092021.pdf](https://www.pci.nic.in/pdf/145_ER_20%20syllabus_23092021.pdf)

Pharmacy Council of India, New Delhi

Rules & Syllabus for the Bachelor of Pharmacy (B. Pharm) Course

[Framed under Regulation 6, 7 & 8 of the Bachelor of Pharmacy (B. Pharm) course regulations 2014]

CHAPTER- I: REGULATIONS

1. Short Title and Commencement

These regulations shall be called as “The Revised Regulations for the B. Pharm. Degree Program (CBCS) of the Pharmacy Council of India, New Delhi”. They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by Pharmacy Council of India..

2. Minimum qualification for admission

First year B.Pharm:

Candidate shall have passed 10+2 examination conducted by the respective state/central government authorities recognized as equivalent to 10+2 examination by the Association of Indian Universities (AIU) with English as one of the subjects and Physics, Chemistry, Mathematics (P.C.M) and or Biology (P.C.B / P.C.M.B.) as optional subjects individually. Any other qualification approved by the Pharmacy Council of India as equivalent to any of the above examinations..

2.2. B. Pharm lateral entry (to third semester):

A pass in D. Pharm. course from an institution approved by the Pharmacy Council of India under section 12 of the Pharmacy Act.

3. Duration of the program

The course of study for B.Pharm shall extend over a period of eight semesters (four academic years) and six semesters (three academic years) for lateral entry students. The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

5. Working days in each semester

Each semester shall consist of not less than 100 working days. The odd semesters shall be conducted from the month of June/July to November/December and the even semesters shall be conducted from December/January to May/June in every calendar year.

6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations..

6. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, tutorial hours, practical classes, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction

per week in that course. Similarly, the credit associated with any of the other academic, co/extra-curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week.

Credit assignment

Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and /or tutorial (T) hours, and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and tutorial hours, and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having three lectures and one tutorial per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

Minimum credit requirements

The minimum credit points required for award of a B. Pharm. degree is 208. These credits are divided into Theory courses, Tutorials, Practical, Practice School and Project over the duration of eight semesters. The credits are distributed semester-wise as shown in Table IX. Courses generally progress in sequences, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

The lateral entry students shall get 52 credit points transferred from their D. Pharm program. Such students shall take up additional remedial courses of 'Communication Skills' (Theory and Practical) and 'Computer Applications in Pharmacy' (Theory and Practical) equivalent to 3 and 4 credit points respectively, a total of 7 credit points to attain 59 credit points, the maximum of I and II semesters.

7. Academic work

A regular record of attendance both in Theory and Practical shall be maintained by the teaching staff of respective courses.

8. Course of study

The course of study for B. Pharm shall include Semester Wise Theory & Practical as given in Table—I to VIII. The number of hours to be devoted to each theory, tutorial and practical course in any semester shall not be less than that shown in Table—I to VIII.

Table-I: Course of study for semester I

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP101T	Human Anatomy and Physiology I— Theory	3	1	4
BP102T	Pharmaceutical Analysis I — Theory	3	1	4
BP103T	Pharmaceutics I — Theory	3	1	4
BP104T	Pharmaceutical Inorganic Chemistry — Theory	3	1	4
BP105T	Communication skills — Theory *	2	-	2
BP106RBT BP106RMT	Remedial Biology/ Remedial Mathematics — Theory*	2	-	2
BP107P	Human Anatomy and Physiology — Practical	4	-	2
BP108P	Pharmaceutical Analysis I — Practical	4	-	2
BP109P	Pharmaceutics I — Practical	4	-	2
BP110P	Pharmaceutical Inorganic Chemistry — Practical	4	-	2
BPIIP	Communication skills — Practical*	2	-	1
BP112RBP	Remedial Biology — Practical*	2	-	1
Total		32/34'/36'	4	27/29'/30'

'Applicable ONLY for the students who have studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology(RB)course.

Applicable ONLY for the students who have studied Physics / Chemistry / Botany / Zoology at HsC and appearing for Remedial Mathematics (RM)course.

* Non University Examination (NUE)

Table-II: Course of study for semester II

Course Code	Name of the course	No.of hours	Tutorial	Credit points
BP201T	HumanAnatomyandPhysiologyII—Theory	3	1	4
BP202T	PharmaceuticalOrganic Chemistry I—Theory	3	1	4
BP203T	Biochemistry—Theory	3	1	4
BP204T	Pathophysiology—Theory	3	1	4
BP205T	Computer Applications in Pharmacy—Theory*	3	-	3
BP206T	Environmentalsciences —Theory*	3	-	3
BP207P	HumanAnatomyandPhysiologyII—Practical	4	-	2
BP208P	Pharmaceutical Organic Chemistry I—Practical	4	-	2
BP209P	Biochemistry—Practical	4	-	2
BP210P	Computer Applications in Pharmacy—Practical*	2	-	1
Total		32	4	29

*Non University Examination (NUE)

Table-III: Course of study for semester III

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP301T	Pharmaceutical Organic ChemistryII—Theory	3	1	4
BP302T	PhysicalPharmaceutics I—Theory	3	1	4
BP303T	Pharmaceutical Microbiology—Theory	3	1	4
BP304T	PharmaceuticalEngineering—Theory	3	1	4
BP305P	PharmaceuticalOrganicChemistryII—Practical	4	-	2
BP306P	PhysicalPharmaceutics I—Practical	4	-	2
BP307P	Pharmaceutical Microbiology—Practical	4	-	2
BP 308P	PharmaceuticalEngineering—Practical	4	-	2
Total		28	4	24

Table-IV: Course of study for semester IV

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP401T	PharmaceuticalOrganicChemistryIII— Theory	3	1	4
BP402T	Medicinal Chemistry I— Theory	3	1	4
BP403T	PhysicalPharmaceutics II—Theory	3	1	4
BP404T	Pharmacology I—Theory	3	1	4
BP405T	PharmacognosyandPhytochemistryI— Theory	3	1	4
BP406P	Medicinal Chemistry I—Practical	4	-	2
BP407P	PhysicalPharmaceutics II— Practical	4		2
BP408P	Pharmacology I—Practical	4	-	2
BP409P	PharmacognosyandPhytochemistryI—Practical	4	-	2
Total		31	5	28

Table-V: Course of study for semester V

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP501T	MedicinalChemistryII— Theory	3	1	4
BP502T	IndustrialPharmacyI—Theory	3	1	4
BP503T	PharmacologyII—Theory	3	1	4
BP504T	PharmacognosyandPhytochemistryII— Theory	3	1	4
BP505T	PharmaceuticalJurisprudence —Theory	3	1	4
BP506P	IndustrialPharmacyI—Practical	4	-	2
BP507P	PharmacologyII—Practical	4	-	2
BP508P	PharmacognosyandPhytochemistryII— Practical	4	-	2
Total		27	5	26

Table-VI: Course of study for semester VI

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP601T	Medicinal Chemistry III — Theory	3	1	4
BP602T	Pharmacology III — Theory	3	1	4
BP603T	Herbal Drug Technology — Theory	3	1	4
BP604T	Biopharmaceutics and Pharmacokinetics — Theory	3	1	4
BP605T	Pharmaceutical Biotechnology — Theory	3	1	4
BP606T	Quality Assurance —Theory	3	1	4
BP607P	Medicinal chemistry III — Practical	4	-	2
BP608P	Pharmacology III — Practical	4	-	2
BP609P	Herbal Drug Technology — Practical	4	-	2
Total		30	6	30

Table-VII: Course of study for semester VII

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP701T	InstrumentalMethods of Analysis —Theory	3	1	4
BP702T	Industrial PharmacyII—Theory	3	1	4
BP703T	PharmacyPractice—Theory	3	1	4
BP704T	Novel DrugDeliverySystem— Theory	3	1	4
BP705P	InstrumentalMethods of Analysis —Practical	4	-	2
BP706PS	Practice School*	12	-	6
Total		28	5	24

* Non University Examination (NUE)

Table-VIII: Course of study for semester VIII

Course code	Name of the course	No.of hours	Tutorial	Credit points
BP801T	Biostatistics and Research Methodology	3	1	4
BP802T	Social and Preventive Pharmacy	3	1	4
BP803ET	Pharma Marketing Management	6	1 =2	4 + 4 = 8
BP804ET	Pharmaceutical Regulatory Science			
BP805ET	Pharmacovigilance			
BP806ET	Quality Control and Standardization of Herbals			
BP807ET	Computer Aided Drug Design			
BP808ET	Cell and Molecular Biology			
BP809ET	Cosmetic Science			
BP810ET	Experimental Pharmacology			
BP811ET	Advanced Instrumentation Techniques			
BP812ET	Dietary Supplements and Nutraceuticals			
BP813PW	Project Work	12		6
Total		24	4	22

Table-IX: Semester wise credits distribution

Semester	Credit Points
I	27/29'/30'
II	29
III	26
IV	28
V	26
VI	26
VII	24
VIII	22
Extracurricular/ Co curricular activities	01*
Total credit points for the program	209/211'/212''

* The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

'Applicable ONLY for the students studied Physics / Chemistry / Botany / Zoology at HSC and appearing for Remedial Mathematics course.

Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology course.

9. Program Committee

1. The B. Pharm. program shall have a Program Committee constituted by the Head of the institution in consultation with all the Heads of the departments.
2. The composition of the Program Committee shall be as follows:
A senior teacher shall be the Chairperson; One Teacher from each department handling B.Pharm courses; and four student representatives of the program (one from each academic year), nominated by the Head of the institution.
3. Duties of the Program Committee:
 - i. Periodically reviewing the progress of the classes.
 - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
 - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.
 - iv. Communicating its recommendation to the Head of the institution on academic matters.
 - v. The Program Committee shall meet at least thrice in a semester preferably at the end of each Sessional exam (Internal Assessment) and before the end semester exam.

10. Examinations/Assessments

The scheme for internal assessment and end semester examinations is given in Table – X.

End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to VIII shall be conducted by the university except for the subjects with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables-X: Schemes for internal assessments and end semester examinations semester wise

Semester I								
Course code	Name of the course	Internal Assessment			End Semester Exams			Total Marks
		Continuos Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP101T	Human Anatomy and Physiology I— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP102T	Pharmaceutical Analysis I— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP103T	Pharmaceutics I— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP104T	Pharmaceutical Inorganic Chemistry — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP105T	Communication skills — Theory *	5	10	1 Hr	15	35	1.5 Hrs	50
BP106RB T BP 106RMT	Remedial Biology/ Mathematics — Theory*	5	10	1 Hr	15	35	1.5 Hrs	50
BP107P	Human Anatomy and Physiology— Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP108P	Pharmaceutical Analysis I — Practical	5	10	4Hrs	15	35	4 Hrs	50
BP109P	Pharmaceutics I — Practical	5	10	4Hrs	15	35	4 Hrs	50
BP110P	Pharmaceutical Inorganic Chemistry — Practical	5	10	4Hrs	15	35	4 Hrs	50
BP111P	Communication skills — Practical*	5	5	2 Hrs	10	15	2 Hrs	25
BP112RBP	Remedial Biology — Practical*	5	5	2 Hrs	10	15	2 Hrs	25
Total		70/75'/80"	115/125⁵/130'	23/24'/26' Hrs	185/200'/210"	490/525'/540'	31.5/33'/35'Hrs	675/725'/750'

*Applicable ONLY for the students studied Mathematics / Physics / Chemistry at HSC and appearing for Remedial Biology (RB)course. Applicable ONLY for the students studied Physics/Chemistry/Botany/Zoology at HSC and appearing for Remedial Mathematics (RM) course. Non University Examination (NUE)

Semester II

Course Code	Name of the course	Internal Assessment				End Semester Esams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP201T	Human Anatomy and Physiology II — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP202T	Pharmaceutical Organic Chemistry I — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP203T	Biochemistry — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP204T	Pathophysiology — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP205T	Computer Applications in Pharmacy — Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP206T	Environmental sciences — Theory*	10	15	1 Hr	25	50	2 Hrs	75
BP207P	Human Anatomy and Physiology II — Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP208P	Pharmaceutical Organic Chemistry I — Practical	5	10	4Hrs	15	35	4Hrs	50
BP209P	Biochemistry — Practical	5	10	4Hrs	15	35	4Hrs	50
BP210P	Computer Applications in Pharmacy — Practical*	5	5	2Hrs	10	15	2Hrs	25
Total		80	125	20Hrs	205	520	30Hrs	725

* The subject experts at college level shall conduct examinations

Semester III

Course code	Name of the course	Internal Assessment				EndSemesterExams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP301T	Pharmaceutical Organic Chemistry II — Theory	10	15	1 Hr	25	75	3Hrs	100
BP302T	PhysicalPharmaceuticsI —Theory	10	15	1 Hr	25	75	3Hrs	100
BP303T	Pharmaceutical Microbiology — Theory	10	15	1 Hr	25	75	3Hrs	100
BP304T	Pharmaceutical Engineering — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP305P	Pharmaceutical Organic Chemistry II — Practical	5	10	4 Hr	15	35	4 Hrs	50
BP306P	Physical Pharmaceutics I — Practical	5	10	4 Hr	15	35	4 Hrs	50
BP307P	Pharmaceutical Microbiology — Practical	5	10	4 Hr	15	35	4 Hrs	50
BP308P	Pharmaceutical Engineering — Practical	5	10	4 Hr	15	35	4 Hrs	50
Total		60	100	20	160	440	28Hrs	600

Semester IV

Course code	Name of the course	Internal Assessment				End Semester Esams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP401T	Pharmaceutical Organic Chemistry III— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP402T	Medicinal Chemistry I — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP403T	PhysicalPharmaceuticsII— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP404T	Pharmacology I — Theory	10	15	1Hr	25	75	3Hrs	100
BP405T	Pharmacognosy I — Theory	10	15	1Hr	25	75	3Hrs	100
BP406P	MedicinalChemistryI—Practical	5	10	4Hr	15	35	4Hrs	50
BP407P	Physical Pharmaceutics II — Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP408P	Pharmacology I — Practical	5	10	4Hrs	15	35	4Hrs	50
BP409P	Pharmacognosy I — Practical	5	10	4Hrs	15	35	4Hrs	50
Total		70	115	21Hrs	185	515	31Hrs	700

Semester V

Course code	Name of the course	Internal Assessment				End Semester Esams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP501T	Medicinal Chemistry II — Theory	10	15	1 Hr	25	75	3Hrs	100
BP502T	Industrial PharmacyI— Theory	10	15	1 Hr	25	75	3Hrs	100
BP503T	Pharmacology II — Theory	10	15	1 Hr	25	75	3Hrs	100
BP504T	Pharmacognosy II — Theory	10	15	1 Hr	25	75	3Hrs	100
BP505T	Pharmaceutical Jurisprudence — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP506P	IndustrialPharmacyI— Practical	5	10	4Hr	15	35	4Hrs	50
BP507P	Pharmacology II — Practical	5	10	4Hr	15	35	4Hrs	50
BP508P	Pharmacognosy II — Practical	5	10	4Hr	15	35	4Hrs	50
Total		65	105	17Hr	170	480	27Hrs	650

Semester VI

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP601T	Medicinal Chemistry III—Theory	10	15	1 Hr	25	75	3 Hrs	100
BP602T	Pharmacology III — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP603T	Herbal Drug Technology — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP604T	Biopharmaceutics and Pharmacokinetics — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP605T	Pharmaceutical Biotechnology— Theory	10	15	1 Hr	25	75	3 Hrs	100
BP606T	Quality Assurance- Theory	10	15	1 Hr	25	75	3 Hrs	100
BP607P	Medicinal chemistry III — Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP608P	Pharmacology III — Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP609P	Herbal Drug Technology — Practical	5	10	4 Hrs	15	35	4 Hrs	50
Total		75	120	18 Hrs	195	555	30 Hrs	750

Semester VII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP701T	Instrumental Methods of Analysis — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP702T	Industrial Pharmacy — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP703T	Pharmacy Practice — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP704T	Novel Drug Delivery System — Theory	10	15	1 Hr	25	75	3 Hrs	100
BP705 P	Instrumental Methods of Analysis — Practical	5	10	4 Hrs	15	35	4 Hrs	50
BP706 PS	Practice School*	25	-	-	25	125	5 Hrs	150
Total		70	70	8Hrs	140	460	21 Hrs	600

* The subject experts at college level shall conduct examinations

Semester VIII

Course code	Name of the course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
BP801T	Biostatistics and Research Methodology – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP802T	Social and Preventive Pharmacy – Theory	10	15	1 Hr	25	75	3 Hrs	100
BP803ET	Pharmaceutical Marketing –Theory	10 +	15+	1 Hr+	25 +	75+	3 Hrs+	100 +
BP804ET	Pharmaceutical Regulatory Science – Theory	10	15=	1 Hr= 2 Hrs	25=30	75=150	3 Hrs=6 Hrs	100 =
BP805ET	Pharmacovigilance – Theory	= 20	30					200
BP806ET	Quality Control and							
BP807ET	Computer Aided Drug Design – Theory							
BP808ET	Cell and Molecular Biology –							
BP809ET	Cosmetic Science – Theory							
BP810ET	Experimental Pharmacology –Theory							
BP811ET	Advanced Instrumentation Techniques – Theory							
BP812PW	Project Work					150	4 Hrs	150
TOTAL		40	60	4 Hrs	100	450	16Hrs	550

Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table-XI: Scheme for awarding internal assessment: Continuous mode

Theory		
Criteria	Maximum Marks	
Attendance (Refer Table – XII)	4	2
Academic activities (Average of any 3 activities e.g. quiz, assignment, open book test, field work, group discussion and seminar)	3	1.5
Student – Teacher interaction	3	1.5
Total	10	5
Practical		
Attendance (Refer Table – XII)	2	
Based on Practical Records, Regular viva voce, etc.	3	
Total	5	

Table- XII: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	4	2
90 – 94	3	1.5
85 – 89	2	1
80 – 84	1	0.5
Less than 80	0	0

Sessional Exams

Two Sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical Sessional examinations is given below. The average marks of two Sessional exams shall be computed for internal assessment as per the requirements given in tables – X. Sessional exam shall be conducted for 30 marks for theory and shall be computed for 15 marks. Similarly Sessional exam for practical shall be conducted for 40 marks and shall be computed for 10 marks.

For subjects having University examination

I. Multiple Choice Questions (MCQs)	10 x 1 = 10
OR	OR
Objective Type Questions (5x2)	05x2 = 10
(Answer all the questions)	
I. Long Answers (Answer 1 out of 2)	1 x 10 = 10
II. Short Answers (Answer 2 out of 3)	2 x 5 = 10

For subjects having Non University Examination

I. Long Answers (Answer 1 out of 2)	1 x 10 = 10
II. Short Answers (Answer 4 out of 6)	4x5 = 20

Total 30 marks

Question paper pattern for practical sessional examinations

I. Synopsis	10
II. Experiments	25
III. Viva voce	05

Total 40 marks

11. Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. program if he/she secures at least 50% marks in that particular course including internal assessment. To be declared as PASS and to get grade, the student has to secure a minimum of 50 marks for the total of 100 including continuous mode of assessment and end semester theory examination and has to secure a minimum of 25 marks for the total 50 including internal assessment and end semester practical examination.

12. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination for that course. However, his/her marks of the Internal Assessments shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

13. Improvement of internal assessment

A student shall have the opportunity to improve his/her performance only once in the Sessional exam component of the internal assessment. The re-conduct of the Sessional exam shall be completed before the commencement of next end semester theory examinations.

14. Re-examination of end semester examinations

Re-examination of end semester examination shall be conducted as per the schedule given in table XIII. The exact dates of examination shall be notified from time to time.

Table-XIII: Tentative schedule of end semester examinations

Semester	For Regular Candidates	For Failed Candidates
I, III, V and VII	November / December	May / June
II, IV, VI and VIII	May / June	November / December

Question paper pattern for end semester theory examinations

For 75 marks paper

I. Multiple Choice Questions(MCQs)	20x1	=20
OR	OR	
ObjectiveTypeQuestions(10x2)	10x2	=20
(Answer all the questions)		
II. Long Answers (Answer 2 out of3)	2x10	=20
III. ShortAnswers(Answer7outof9)	7x5	=35
Total		75 marks

For 50 marks paper

I. Long Answers (Answer 2 out of3)	2 x 10	=20
II. ShortAnswers(Answer 6outof8)	6x 5	=30
Total		50 marks

For 35 marks paper

I. Long Answers (Answer 1 out of2)	1 x 10	=10
II. ShortAnswers(Answer5outof7)	5x5	=25
Total		35 marks

Question paper pattern for end semester practical examinations

I. Synopsis	5
II. Experiments	25
III. Vivavoce	5
Total	35 marks

15. Academic Progression:

No student shall be admitted to any examination unless he/she fulfills the norms given in 6. Academic progression rules are applicable as follows:

A student shall be eligible to carry forward all the courses of I, II and III semesters till the IV semester examinations. However, he/she shall not be eligible to attend the courses of V semester until all the courses of I and II semesters are successfully completed.

A student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of I, II, III and IV semesters are successfully completed.

A student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of I, II, III, IV, V and VI semesters are successfully completed.

A student shall be eligible to get his/her CGPA upon successful completion of the courses of I to VIII semesters within the stipulated time period as per the norms specified in 26.

A lateral entry student shall be eligible to carry forward all the courses of III, IV and V semesters till the VI semester examinations. However, he/she shall not be eligible to attend the courses of VII semester until all the courses of III and IV semesters are successfully completed.

A lateral entry student shall be eligible to carry forward all the courses of V, VI and VII semesters till the VIII semester examinations. However, he/she shall not be eligible to get the course completion certificate until all the courses of III, IV, V and VI semesters are successfully completed.

A lateral entry student shall be eligible to get his/her CGPA upon successful completion of the courses of III to VIII semesters within the stipulated time period as per the norms specified in 26.

Any student who has given more than 4 chances for successful completion of I / III semester courses and more than 3 chances for successful completion of II / IV semester courses shall be permitted to attend V / VII semester classes ONLY during the subsequent academic year as the case may be. In simpler terms there shall NOT be any ODD BATCH for any semester.

Note: Grade AB should be considered as failed and treated as one head for deciding academic progression. Such rules are also applicable for those students who fail to register for examination(s) of any course in any semester.

17. Grading of performances

Letter grades and grade points allocations:

Based on the performances, each student shall be awarded a final letter grade at the end of the semester for each course. The letter grades and their corresponding grade points are given in Table – XII.

Table – XII: Letter grades and grade points equivalent to Percentage of marks and performances

Percentage of Marks Obtained	Letter Grade	Grade Point	Performance
90.00 – 100	O	10	Outstanding
80.00 – 89.99	A	9	Excellent
70.00 – 79.99	B	8	Good
60.00 – 69.99	C	7	Fair
50.00 – 59.99	D	6	Average
Less than 50	F	0	Fail
Absent	AB	0	Fail

A learner who remains absent for any end semester examination shall be assigned a letter grade of AB and a corresponding grade point of zero. He/she should reappear for the said evaluation/examination in due course.

18. The Semester grade point average(SGPA)

The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’ (SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. For example, if a student takes five courses(Theory/Practical) in a semester with credits C1, C2, C3, C4 and C5 and the student’s grade points in these courses are G1, G2, G3, G4 and G5, respectively, and then students’ SGPA is equal to:

$$SGPA = \frac{C_1 G_1 + C_2 G_2 + C_3 G_3 + C_4 G_4 + C_5 G_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{as: } C_1 S_1 + C_2 S_2 + C_3 S_3 + C_4 \text{ ZERO} + C_5 S_5$$

SGPA =

$$\frac{C_1 S_1 + C_2 S_2 + C_3 S_3 + C_4 S_4 + C_5 S_5}{C_1 + C_2 + C_3 + C_4 + C_5}$$

19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the VIII semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all VIII semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA shall only reflect the new grade and not the fail grades earned earlier. The CGPA is calculated as:

$$\text{CGPA} = \frac{C_1 S_1 + C_2 S_2 + C_3 S_3 + C_4 S_4 + C_5 S_5 + C_6 S_6 + C_7 S_7 + C_8 S_8}{C_1 + C_2 + C_3 + C_4 + C_5 + C_6 + C_7 + C_8}$$

where C_1, C_2, C_3, \dots is the total number of credits for semester I, II, III, \dots and S_1, S_2, S_3, \dots is the SGPA of semester I, II, III, \dots

20. Declaration of class

The class shall be awarded on the basis of CGPA as follows:

First Class with Distinction	= CGPA of 7.50 and above
First Class	= CGPA of 6.00 to 7.49
Second Class	= CGPA of 5.00 to 5.99

21. Projectwork

All the students shall undertake a project under the supervision of a teacher and submit a report. The area of the project shall directly relate any one of the elective subject opted by the student in semester VIII. The project shall be carried out in group not exceeding 5 in number. The project report shall be submitted in triplicate (typed & bound copy not less than 25 pages).

The internal and external examiner appointed by the University shall evaluate the project at the time of the Practical examinations of other semester(s). Students shall be evaluated in groups for four hours (i.e., about half an hour for a group of five students). The projects shall be evaluated as per the criteria given below.

Evaluation of Dissertation Book•

Objective(s)of the work done	15Marks
Methodology adopted	20 Marks
	20Marks
Results and Discussions	20 Marks
Conclusions and Outcomes	

Total **75Marks**

Evaluation of Presentation:

Presentation of work	
Communication skills	
Question and answer skills	25Marks
	20Marks
	30 Marks

Total **30 Marks**

75 Marks

Explanation: The 75 marks assigned to the dissertation book shall be same for all the students in a group. However, the 75 marks assigned for presentation shall be awarded based on the performance of individual students in the given criteria.

22. Industrial training(Desirable)

Every candidate shall be required to work for at least 150 hours spread over four weeks in

a Pharmaceutical Industry/Hospital. It includes Production unit, Quality Control department, Quality Assurance department, Analytical laboratory, Chemical manufacturing unit, Pharmaceutical R&D, Hospital (Clinical Pharmacy), Clinical Research Organization, Community Pharmacy, etc. After the Semester – VI and before the commencement of Semester – VII, and shall submit satisfactory report of such work and certificate duly signed by the authority of training organization to the head of the institute.

23. Practice School

In the VII semester, every candidate shall undergo practice school for a period of 150 hours evenly distributed throughout the semester. The student shall opt any one of the domains for practice school declared by the program committee from time to time. At the end of the practice school, every student shall submit a printed report (in triplicate) on the practice school he/she attended (not more than 25 pages). Along with the exams of semester VII, the report submitted by the student, knowledge and skills acquired by the student through practice school shall be evaluated by the subject experts at college level and grade point shall be awarded.

DETAILED SYLLABUS

Please follow the website : [https://www.pci.nic.in/pdf/Syllabus B Pharm.pdf](https://www.pci.nic.in/pdf/Syllabus_B_Pharm.pdf)

M.Pharm Syllabus

CHAPTER —I:REGULATIONS

1. Short Title and Commencement

These regulations shall be called as "The Revised Regulations for the Master of Pharmacy (M. Pharm.) Degree Program - Credit Based Semester System (CBSS) of the Pharmacy Council of India, New Delhi". They shall come into effect from the Academic Year 2016-17. The regulations framed are subject to modifications from time to time by the authorities of the university.

2. Minimum qualification for admission

A Pass in the following examinations

- a) B. Pharm Degree examination of an Indian university established by law in India from an institution approved by Pharmacy Council of India and has scored not less than 55 % of the maximum marks (aggregate of 4 years of B.Pharm.)

- b) Every student, selected for admission to post graduate pharmacy program in any PCI approved institution should have obtained registration with the State Pharmacy Council or should obtain the same within one month from the date of his/her admission, failing which the admission of the candidate shall be cancelled.

Note: It is mandatory to submit a migration certificate obtained from the respective university where the candidate had passed his/her qualifying degree (B.Pharm.)

3. Duration of the program

The program of study for M.Pharm. shall extend over a period of four semesters (two academic years). The curricula and syllabi for the program shall be prescribed from time to time by Pharmacy Council of India, New Delhi.

4. Medium of instruction and examinations

Medium of instruction and examination shall be in English.

5. Working days in each semester

Each semester shall consist of not less than 100 working days. The odd semesters shall be conducted from the month of June July to November/December and the even semesters shall be conducted from the month of December to January to May-June in every calendar year.

6. Attendance and progress

A candidate is required to put in at least 80% attendance in individual courses considering theory and practical separately. The candidate shall complete the prescribed course satisfactorily to be eligible to appear for the respective examinations.

7. Program/Course credit structure

As per the philosophy of Credit Based Semester System, certain quantum of academic work viz. theory classes, practical classes, seminars, assignments, etc. are measured in terms of credits. On satisfactory completion of the courses, a candidate earns credits. The amount of credit associated with a course is dependent upon the number of hours of instruction per week in that course. Similarly the credit associated with any of the other academic, co/extra- curricular activities is dependent upon the quantum of work expected to be put in for each of these activities per week/per activity.

Credit assignment

Theory and Laboratory courses

Courses are broadly classified as Theory and Practical. Theory courses consist of lecture (L) and Practical (P) courses consist of hours spent in the laboratory. Credits (C) for a course is dependent on the number of hours of instruction per week in that course, and is obtained by using a multiplier of one (1) for lecture and a multiplier of half (1/2) for practical (laboratory) hours. Thus, for example, a theory course having four lectures per week throughout the semester carries a credit of 4. Similarly, a practical having four laboratory hours per week throughout semester carries a credit of 2.

The contact hours of seminars, assignments and research work shall be treated as that of practical courses for the purpose of calculating credits. i.e., the contact hours shall be multiplied by 1/2. Similarly, the contact hours of journal club, research work presentations and discussions with the supervisor shall be considered as theory course and multiplied by 1.

Minimum credit requirements

The minimum credit points required for the award of M. Pharm. degree is 95. However based on the credit points earned by the students under the head of co-curricular activities, a student shall earn a maximum of 100 credit points. These credits are divided into Theory courses, Practical, Seminars, Assignments, Research work, Discussions with the supervisor, Journal club and Co-Curricular activities over the duration of four semesters. The credits

are distributed semester-wise as shown in Table 14. Courses generally progress in sequence, building competencies and their positioning indicates certain academic maturity on the part of the learners. Learners are expected to follow the semester-wise schedule of courses given in the syllabus.

8. Academic work

A regular record of attendance both in Theory, Practical, Seminar, Assignment, Journal club, Discussion with the supervisor, Research work presentation and Dissertation shall be maintained by the department teaching staff of respective courses.

9. Course of study

The specializations in M.Pharm program is given in Table-

Table – : List of M.Pharm. Specializations and their Code

S.No.	Specialization	Code
1.	Pharmaceutics	MPH
2.	Pharmaceutical Chemistry	MPC
3.	Pharmacology	MPL
4.	Pharmacognosy	MPG

The course of study for M.Pharm specializations shall include Semester wise Theory & Practical as given in Tables. The number of hours to be devoted to each theory and practical course in any semester shall not be less than that shown in Tables.

Table - 1: Course of study for M. Pharm. (Pharmaceutical Chemistry)

Course Code	Course	Credit Hours	Credit Points	Hrs./week	Marks
Semester I					
MPC101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPC1012T	Advanced Organic Chemistry -I	4	4	4	100
MPC103T	Advanced Medicinal chemistry	4	4	4	100
MPC104T	Chemistry of Natural Products	4	4	4	100
MPC105P	Pharmaceutical Chemistry Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPC201T	Advanced Spectral Analysis	4	4	4	100
MPC202T	Advanced Organic Chemistry -II	4	4	4	100
MPC203T	Computer Aided Drug Design	4	4	4	100
MPC204T	Pharmaceutical Process Chemistry	4	4	4	100
MPC205P	Pharmaceutical Chemistry Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table - 2 : Course of study for (Pharmacology)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPL 101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPL 102T	Advanced Pharmacology-I	4	4	4	100
MPL 103T	Pharmacological and Toxicological Screening Methods-I	4	4	4	100
MPL 104T	Cellular and Molecular Pharmacology	4	4	4	100
MPL 105P	Pharmacology Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPL 201T	Advanced Pharmacology II	4	4	4	100
MPL 202T	Pharmacological and Toxicological Screening Methods-II	4	4	4	100
MPL 203T	Principles of Drug Discovery	4	4	4	100
MPL 204T	Experimental Pharmacology practical- II	4	4	4	100
MPL 205P	Pharmacology Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table - 3 : Course of study for M. Pharm. (Pharmacognosy)

Course Code	Course	Credit Hours	Credit Points	Hrs./wk	Marks
Semester I					
MPG101T	Modern Pharmaceutical Analytical Techniques	4	4	4	100
MPG102T	Advanced Pharmacognosy-I	4	4	4	100
MPG103T	Phytochemistry	4	4	4	100
MPG104T	Industrial Pharmacognostical Technology	4	4	4	100
MPG105P	Pharmacognosy Practical I	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650
Semester II					
MPG201T	Medicinal Plant biotechnology	4	4	4	100
MPG102T	Advanced Pharmacognosy-II	4	4	4	100
MPG203T	Indian system of medicine	4	4	4	100
MPG204T	Herbal cosmetics	4	4	4	100
MPG205P	Pharmacognosy Practical II	12	6	12	150
-	Seminar/Assignment	7	4	7	100
Total		35	26	35	650

Table - 4 : Course of study for M. Pharm. III Semester
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
MRM 301T	Research Methodology and Biostatistics*	4	4
-	Journal club	1	1
-	Discussion / Presentation (Proposal Presentation)	2	2
-	Research Work	28	14
Total		35	21

* Non University Exam

Table - 5 : Course of study for M. Pharm. IV Semester
(Common for All Specializations)

Course Code	Course	Credit Hours	Credit Points
-	Journal Club	1	1
-	Research Work	31	16
-	Discussion Final Presentation	3	3
Total		35	20

Table - 6 : Semester wise credits distribution

Semester	Credit Points
I	26
II	26
III	21
IV	20
Co-curricular Activities (Attending Conference, Scientific Presentations and Other Scholarly Activities)	Minimum=02 Maximum=07*
Total Credit Points	Minimum=95 Maximum=100*

*Credit Points for Co-curricular Activities

Table – 7 : Guidelines for Awarding Credit Points for Co-curricular Activities

Name of the Activity	Maximum Credit Points Eligible / Activity
Participation in National Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	01
Participation in international Level Seminar/Conference/Workshop/Symposium/ Training Programs (related to the specialization of the student)	02
Academic Award/Research Award from State Level/National Agencies	01
Academic Award/Research Award from International Agencies	02
Research / Review Publication in National Journals (Indexed in Scopus / Web of Science)	01
Research / Review Publication in International Journals (Indexed in Scopus / Web of Science)	02

Note: International Conference: Held Outside India

International Journal: The Editorial Board Outside India

*The credit points assigned for extracurricular and or co-curricular activities shall be given by the Principals of the colleges and the same shall be submitted to the University. The criteria to acquire this credit point shall be defined by the colleges from time to time.

10. Program Committee

1. The M. Pharm. programme shall have a Programme Committee constituted by the Head of the institution in consultation with all the Heads of the departments.

2. The composition of the Programme Committee shall be as follows:
A teacher at the cadre of Professor shall be the Chairperson; One Teacher from each M.Pharm specialization and four student representatives (two from each academic year), nominated by the Head of the institution.

3. Duties of the Programme Committee:
 - i. Periodically reviewing the progress of the classes.
 - ii. Discussing the problems concerning curriculum, syllabus and the conduct of classes.
 - iii. Discussing with the course teachers on the nature and scope of assessment for the course and the same shall be announced to the students at the beginning of respective semesters.

- iv. Communicating its recommendation to the Head of the institution on academic matters.
- v. The Programme Committee shall meet at least twice in a semester preferably at the end of each sessionalexam and before the end semester exam.

11. Examinations/Assessments

The schemes for internal assessment and end semester examinations are given in Table - 16.

11.1. End semester examinations

The End Semester Examinations for each theory and practical course through semesters I to IV shall be conducted by the respective university except for the subject with asterix symbol (*) in table I and II for which examinations shall be conducted by the subject experts at college level and the marks/grades shall be submitted to the university.

Tables - 8 : Schemes for internal assessments and end semester
(Pharmaceutics- MPH)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continu- ous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPH 101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPH 102T	Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH 103T	Modern Pharmaceutics	10	15	1 Hr	25	75	3 Hrs	100
MPH 104T	Regulatory Affair	10	15	1 Hr	25	75	3 Hrs	100
MPH 105P	Pharmaceutics Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPH 201T	Molecular Pharmaceutics(Nano Tech and Targeted DDS)	10	15	1 Hr	25	75	3 Hrs	100
MPH 202T	Advanced Biopharmaceutics & Pharmacokinetics	10	15	1 Hr	25	75	3 Hrs	100
MPH 203T	Computer Aided Drug Delivery System	10	15	1 Hr	25	75	3 Hrs	100
MPH	Cosmetic	10	15	1 Hr	25	75	3 Hrs	100

204T	and Cosmeceutic als							
MPH 205P	Pharmaceuti cs Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 9 : Schemes for internal assessments and end semester examinations
(Pharmacology-MPL)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPL10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Advanced Pharmacology-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 3T	Pharmacological and Toxicological Screening Methods-I	10	15	1 Hr	25	75	3 Hrs	100
MPL10 4T	Cellular and Molecular Pharmacology	10	15	1 Hr	25	75	3 Hrs	100
MPL10 5P	Experimental Pharmacology - I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPL20 1T	Advanced Pharmacology II	10	15	1 Hr	25	75	3 Hrs	100
MPL10 2T	Pharmacological and Toxicological Screening Methods-II	10	15	1 Hr	25	75	3 Hrs	100
MPL20 3T	Principles of Drug Discovery	10	15	1 Hr	25	75	3 Hrs	100
MPL20 4T	Clinical research and pharmacovigilance	10	15	1 Hr	25	75	3 Hrs	100
MPL20 5P	Experimental Pharmacology - II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Tables – 10: Schemes for internal assessments and end semester examinations
(Pharmacognosy-MPG)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPG10 1T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-I	10	15	1 Hr	25	75	3 Hrs	100
MPG10 3T	Phytochemistry	10	15	1 Hr	25	75	3 Hrs	100
MPG10 4T	Industrial Pharmacognostical Technology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 5P	Pharmacognosy Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPG20 1T	Medicinal Plant biotechnology	10	15	1 Hr	25	75	3 Hrs	100
MPG10 2T	Advanced Pharmacognosy-II	10	15	1 Hr	25	75	3 Hrs	100
MPG20 3T	Indian system of medicine	10	15	1 Hr	25	75	3 Hrs	100
MPG20 4T	Herbal cosmetics	10	15	1 Hr	25	75	3 Hrs	100
MPG20 5P	Pharmacognosy Practical II	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar /Assignment	-	-	-	-	-	-	100
Total								650

Table : 11
(Pharmaceutical Chemistry-MPC)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER I								
MPC101T	Modern Pharmaceutical Analytical Techniques	10	15	1 Hr	25	75	3 Hrs	100
MPC102T	Advanced Organic Chemistry -I	10	15	1 Hr	25	75	3 Hrs	100
MPC103T	Advanced Medicinal chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC104T	Chemistry of Natural Products	10	15	1 Hr	25	75	3 Hrs	100
MPC105P	Pharmaceutical Chemistry Practical I	20	30	6 Hrs	50	100	6 Hrs	150
-	Seminar Assignment	-	-	-	-	-	-	100
Total								650
SEMESTER II								
MPC201T	Advanced Spectral Analysis	10	15	1 Hr	25	75	3 Hrs	100
MPC202T	Advanced Organic Chemistry -II	10	15	1 Hr	25	75	3 Hrs	100
MPC203T	Computer Aided Drug Design	10	15	1 Hr	25	75	3 Hrs	100
MPC204T	Pharmaceutical Process Chemistry	10	15	1 Hr	25	75	3 Hrs	100
MPC205P	Pharmaceutical Seminar	20	30	6 Hrs	50	100	6	150
Total								650

Tables - 12 Schemes for internal assessments and end semester examinations
(Semester III& IV)

Course Code	Course	Internal Assessment				End Semester Exams		Total Marks
		Continuous Mode	Sessional Exams		Total	Marks	Duration	
			Marks	Duration				
SEMESTER III								
MRM301T	Research Methodology and Biostatistics*	10	15	1 Hr	25	75	3 Hrs	100
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	50	-	-	50
-	Research work*	-	-	-	-	350	1 Hr	350
Total								525
SEMESTER IV								
-	Journal club	-	-	-	25	-	-	25
-	Discussion / Presentation (Proposal Presentation)	-	-	-	75	-	-	75
-	Research work and Colloquium	-	-	-	-	400	1 Hr	400
Total								500

*Non University Examination

11.2. Internal assessment: Continuous mode

The marks allocated for Continuous mode of Internal Assessment shall be awarded as per the scheme given below.

Table - 13 : Scheme for awarding internal assessment: Continuous mode

Theory	
Criteria	Maximum Marks
Attendance (Refer Table – 28)	8
Student – Teacher interaction	2
Total	10
Practical	
Attendance (Refer Table – 28)	10
Based on Practical Records, Regular viva voce, etc.	10
Total	20

Table – 14: Guidelines for the allotment of marks for attendance

Percentage of Attendance	Theory	Practical
95 – 100	8	10
90 – 94	6	7.5
85 – 89	4	5
80 – 84	2	2.5
Less than 80	0	0

11.2.1. Sessional Exams

Two sessional exams shall be conducted for each theory / practical course as per the schedule fixed by the college(s). The scheme of question paper for theory and practical sessional examinations is given in the table. The average marks of two sessional exams shall be computed for internal assessment as per the requirements given in tables.

12. Promotion and award of grades

A student shall be declared PASS and eligible for getting grade in a course of M.Pharm. programme if he/she secures at least 50% marks in that particular course including internal assessment.

13. Carry forward of marks

In case a student fails to secure the minimum 50% in any Theory or Practical course as specified in 12, then he/she shall reappear for the end semester examination of that course. However his/her marks of the Internal Assessment shall be carried over and he/she shall be entitled for grade obtained by him/her on passing.

18. The Semester grade point average (SGPA)

The performance of a student in a semester is indicated by a number called ‘Semester Grade Point Average’(SGPA). The SGPA is the weighted average of the grade points obtained in all the courses by the student during the semester. For example, if a student takes five courses (Theory/Practical) in a semester with credits C1, C2, C3 and C4 and the student’s grade points in the courses are G1,G2,G3andG4,respectively, and then students ’SGPA is equal to:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4G_4}{C_1 + C_2 + C_3 + C_4}$$

The SGPA is calculated to two decimal points. It should be noted that, the SGPA for any semester shall take into consideration the F and ABS grade awarded in that semester. For example if a learner has a F or ABS grade in course 4, the SGPA shall then be computed as:

$$\text{SGPA} = \frac{C_1G_1 + C_2G_2 + C_3G_3 + C_4 * \text{ZERO}}{C_1 + C_2 + C_3 + C_4}$$

19. Cumulative Grade Point Average (CGPA)

The CGPA is calculated with the SGPA of all the IV semesters to two decimal points and is indicated in final grade report card/final transcript showing the grades of all IV semesters and their courses. The CGPA shall reflect the failed status in case of F grade(s), till the course(s) is/are passed. When the course(s) is/are passed by obtaining a pass grade on subsequent examination(s) the CGPA

1. shall only reflect the new grade and not the fail grades earned earlier. The CGPA
2. is calculated as:
3. $C_1S_1 + C_2S_2 + C_3S_3 + C_4S_4$
4. $\text{CGPA} = \frac{\dots}{\dots}$
5. $C_1 + C_2 + C_3 + C_4$
6. where C1, C2, C3,... is the total number of credits for semester I,II,III,... and
7. S1,S2, S3,...is the SGPA of semester I,II,III,... .

20. Declaration of class

The class shall be awarded on the basis of CGPA as follows: First ClasswithDistinction =CGPAof.7.50andabove

FirstClass =CGPAof6.00to7.49

21. Project work

All the students shall undertake a project under the supervision of a teacher in Semester III to IV and submit a report. 4 copies of the project report shall be submitted (typed & bound copy not less than 75 pages).

The internal and external examiner appointed by the University shall evaluate project at the time of the Practical examinations of other semester(s). The projects shall be evaluated as per the criteria given below.

Evaluation of Dissertation Book:

Objective(s)oftheworkdone	<i>50Marks</i>
Methodologyadopted	150Marks
Results and Discussions	250Marks
Conclusions and Outcomes	50Marks
Total	<hr/>
	500Marks

Evaluation of Presentation:

Presentation of work	100Marks
Communication skills	50 Marks
Question and answer skills	100Marks
Total	<hr/>
	250Marks

22. Award of Ranks

Ranks and Medals shall be awarded on the basis of final CGPA. However, candidates who fail in one or more courses during the M.Pharm program shall not be eligible for award of ranks. Moreover, the candidates should have completed the M.Pharm program in minimum prescribed number of years, (two years) for the award of Ranks.

23. Award of degree

Candidates who fulfill the requirements mentioned above shall be eligible for award of degree during the ensuing convocation.

24. Duration for completion of the program of study

The duration for the completion of the program shall be fixed as double the actual duration of the program and the students have to pass within the said period, otherwise they have to get fresh Registration.

25. Revaluation/Retotaling of answer papers

There is no provision for revaluation of the answer papers in any examination. However, the candidates can apply for retotaling by paying prescribed fee.

26. Re-admission after break of study

Candidate who seeks re-admission to the program after break of study has to get the approval from the university by paying a condonation fee.

DETAILED SYLLABUS

Please follow the link : https://www.pci.nic.in/pdf/Syllabus_M_Pharm.pdf

Student Welfare Schemes

(Under the Office of the Dean Student welfare, GGV)

1. Merit Scholarship of Rs. 10000/- per year may be extended to any one student from each School of Studies, who secures highest score in the examination of respective course at the end of each year. Such Scholarship will continue till the student maintains first position along with attendance record of 75% in classes and all clear status in Semester Examination and on the recommendation of the Director/ Dean. In case of otherwise the benefit will be shifted to the other highest scorer.
2. Merit Scholarship of Rs. 15000/- per year may be extended to one student who secures highest score among all Schools in the examination of respective course. Other eligibility of student is same as mentioned in Point One.
3. An amount of Rs. 5000/- may be extended to student for the particular session, who have participated in any national level Sport or games/ events as recommended by Director/ Dean.
4. An amount of Rupees One Lac may be awarded to students for the particular session, who have participated in any International Sports/ Games/ Events as recommended by Director/ Dean.
5. Full free ship may be extended to any one student in each department belonging to poor family background, subject to condition that the student maintains attendance record of 75% in classes, all clear status, secure minimum of 60% marks in Semester examinations (who is not a recipient of scholarship or financial aid from any other source) as recommended by Director/ Dean.
6. Free Meal facility may be extended to all blind students (total blindness) residing in hostels of the University. Their actual mess bill will be reimbursed under the Students Welfare Scheme. The Amount will be paid by drawing the bill in favor of the Warden of the concerned hostel.
7. A sum of Rs. 5000/- per annum per student in the form of cash may be provided to all blind students (total blindness) of the University as financial assistance to purchase "Teaching Aid" every year, as recommended by Dean/ Director of concerned School of Studies.

8. Hand Driven tricycle may be provided to physically handicapped students for movement in the campus in only once during their entire tenure of education in the University.

Further, students should have attendance record of 75% in classes and on the recommendation of Director/ Dean of concerned School of Studies.

9. An amount of Rs. 11000/- may be awarded to students who have set an example in the campus by their extraordinary task as recommended by DSW/ Chief Proctor/ Chief Warden.

10. Full free ship of tuition fee is given to Single Girl Child for PG courses.

11. Full free ship is given to the dependents of Martyrs.

12. Full free ship for five poor students under VC Discretionary Category.

Dean Students' Welfare

Code of Conduct for Students

The students are admitted to Guru Ghasidas Vishwavidyalaya to achieve excellence and shape their character to become responsible citizens. They must realize their responsibility towards the Vishwavidyalaya and to its components like faculty, staff and fellow students. Failure to maintain a good standard of conduct shall result in disciplinary action.

Attendance: 80% attendance is compulsory in each subject. (As per PCI regulations, 2016-17)

Misconduct: Any of the following activities (but not limited to these only) will be treated as misconduct.

1. Disruption of teaching activities or disturbing the learning process of other students on the campus.
2. Any act on the part of the students, which disrupts functioning of the university, endangers health and safety of campus residents and damages Vishwavidyalaya properties.
3. Cheating in examination and supplying of false documents / information to seek any consideration / favour from the University.
4. Possession or consumption of intoxicating beverages on the campus.
5. Failure to return loaned material, settle University dues.
6. Possession of weapons.

7. Use of unparliamentarily language while in conversation with Vishwavidyalaya Staff and fellow students.

Disciplinary Actions:

Failure to adhere to good conduct may result in disciplinary actions like:

1. A warning by the authorities.
2. Suspension from a particular class.
3. Suspension / expulsion from the University.
4. Suspension of campus privileges e.g. hostel, accommodation etc.
5. Withholding of examination result or withdrawal of awarded diploma / degree certificate.
6. Any other disciplinary action deemed appropriate by the University authorities.

Discipline Among Students in University Examinations

UNIVERSITY END SEMESTER EXAMINATIONS

1. The end –semester examination shall be held under the general supervision of the Senior Centre Superintendent. He/she shall be responsible for the fair and orderly conduct of the examination.
2. In case of detection of unfair means (as specified in clause 1 of General Guidelines below), the same shall be brought to the notice of the head of the department concerned for further action specified under clause 5 of the General Guidelines below

II ENTRANCE EXAMINATIONS

1. During an entrance examination the candidates shall be under the disciplinary control of the chief Superintendent of the centre who shall issue the necessary instructions. If a candidate disobeys instructions or misbehaves with any member of the supervisory staff or with any of the invigilators at the centre, he/she may be expelled from the examination for that session.
2. The Chief Superintendent shall immediately report the facts of such a case with full details of evidence to the Controller of Examinations who will refer the matter to the Examination Discipline Committee in terms of clause 4 of General Guidelines below. The committee will make recommendations for disciplinary action as it may deem fit to the Vice-Chancellor as provided under clause 7
3. Everybody, before an examination begins, the invigilators shall call upon all the

candidates to search their persons, tables, desks, etc. and ask them to hand over all papers, books, notes or other reference material which they are not allowed to have in their possession or accessible to them in the examination hall. Where a late-comer is admitted this warning shall be repeated to him at the time of entrance to the examination hall. They are also to see that each candidate has his/her identification card and hall ticket with him/her.

III GENERAL GUIDELINES

1. Use of Unfair means: A candidate shall not use means in connection with any examination.

The following

shall be deemed to unfair means:

- a. Found in possession of incriminating material related/unrelated to the subject of the examination concerned.
- b. Found copying either from the possessed material or from a neighbour.
- c. Inter-changing of answer scripts.
- d. Change of seat for copying.
- e. Trying to help others candidates.
- f. Found consulting neighbours
- g. Exchange of answer sheets or relevant materials.
- h. Writing some other candidate's register number in the main answer paper.
- i. Insertion of pre-written answer sheets (Main sheets or Additional sheets)
- j. Threatening the invigilator or insubordinate behaviour as reported by the Chief Superintendent and / or Hall Superintendent.
- k. Consulting the invigilator for answering the questions in the examination.
- l. Cases of impersonation
- m. Mass copying
- n. Using electronic devices for the purpose of malpractice.

The Executive Council may declare any other act of omission or commission to be unfair means in respect of any or all the examination.

2. If the Vice-Chancellor is satisfied that there has been mass-scale copying or use or unfair means on a mass-scale at particular centre(s), he may cancel the examination of all the candidates concerned and order re-examination.

3. Where the invigilator in charge is satisfied that one third (1/3) or more students were involved in using unfair-means or copying in a particular Examination Hall. It shall be deemed to be a case of mass copying.

a) The Chief Superintendent of the examination centre shall report to the Controller of Examinations without delay and on the day of the occurrence if possible, each case where use of unfair means in the examination is suspected or discovered with full details of the evidence in support thereof and the statement of the candidate concerned, if any, on the forms supplied by the Controller of Examination for the purpose.

b) A candidate shall not be forced to give a statement but the fact of his /her having refused to make a statement shall be recorded by the Chief Superintendent and shall be got attested by two other members of the supervisory staff on duty at the time of occurrence of the incident.

c) A candidate detected or suspected of using unfair means in the examination may be permitted to answer the question paper, but on separate answer-book. The answer-book in which the use of unfair means is suspected shall be seized by the Chief Superintendent, who shall send both the answer-books to the Controller of Examination with his report. This will not affect the concerned candidate appearing in the rest of the examinations.

d) All cases of use of unfair means shall be reported immediately to the Controller of the Examination by the Centre Superintendent, examiner, paper-setter, evaluator, moderator, tabulator or the person connected with the University examination as the case may be, with all the relevant material.

4. Examination Discipline Committee

a) All the cases of alleged use of unfair means shall be referred to a committee called the Examination Discipline Committee to be appointed by the Vice-Chancellor.

b) The Committee shall consist of five members drawn from amongst the teachers and officers of the university. One member will be nominated as Chairman from amongst them by the Vice Chancellor.

c) A member shall be appointed for a term of two years, and shall be eligible for reappointment.

- d) Three members present shall constitute the quorum.
- e) Ordinarily, all decisions shall be taken by the Committee by simple majority. If the members cannot reach a consensus, the case shall be referred to the Vice-Chancellor, whose decision shall be final.
- f) All decisions taken by the examination discipline committee will be placed before the Vice-Chancellor for approval
- g) A candidate within one month of the receipt of the decision of the university may appeal to the Vice-Chancellor, in writing for a review of the case. If the Vice-Chancellor is satisfied that the representation merits consideration, he/she may refer the case back to the Examination Discipline Committee for reconsideration.
5. The Examination Discipline Committee may recommend one of the following punishments for cases of unfair means

Nature of unfair means	Scale of Punishment
If the candidate has used unfair means specified in subclause (a) to (g) of clause 3	Cancel all the University examinations registered by the candidate in that session
If the candidate has repeated the unfair means shown at 3(a) to (g) a second time	Cancel the University examination of all subjects registered by the candidate in that session and debar him/her for the next examination session (i.e. all university Examinations in the subsequent session)
If the candidate has repeated the unfair means shown at 3(a) to (g) third time	Cancel the University Examination of all subjects registered by the candidate for that session and debar him/her for two years from registering and appearing for the university Examination
If the candidate has used unfair means specified in subclause (h) of clause	Cancel the University examination of all subjects registered by the candidate during that semester only.
If the candidate has used unfair means specified in subclause (i) of clause	Cancel the University Examination of all subjects registered by the candidate for that session and debar him/her for two

	subsequent Examination sessions.
If the candidate has used unfair means specified in subclause (j) of clause 3	Cancel the University Examination of all subjects registered by the candidate for that session and debar him/her for two years from registering and appearing for the university Examination
If the candidate has used unfair means specified in	Cancel the University Examination of all subjects 164 subclause (k) of clause
If the candidate has used unfair means specified in subclause (l) of clause	Cancel the University Examination of all subjects registered by the candidate for that session and debar him/her for two years from registering and appearing for the examination sessions. Moreover, relevant legal action shall be initiated if an outsider is involved.
If the candidate used unfair means in subclause (m) of clause 3	<p>a) In the single Hall: cancel the relevant examination taken by the students of that Hall. Debar the concerned Hall superintendent and other involved directly or indirectly from the examination work such as invigilation, question paper-setting, valuation, etc. for the next six examination sessions.</p> <p>b) In a Centre: Cancel the relevant examination taken by the students of the centre. Debar the Hall superintendents and the Chief Superintendent and other involved directly or indirectly from the examination work such as invigilation, question paper setting, evaluation, etc. for the next six examination sessions and cancel the examination centre for two years.</p>

SUMMARY OF UGC REGULATIONS ON CURBING THE MENACE OF RAGGING IN HIGHER EDUCATIONAL INSTITUTIONS, 2009.

1. PREAMBLE:

In view of the directions of the Hon'ble Supreme Court dated 8.05.2009 and in consideration of the determination of the Central Government and the University Grants Commission to prohibit, prevent and eliminate the scourge of ragging.

2. OBJECTIVE:

To eliminate ragging in all its forms from universities, deemed universities and other higher educational institutions in the country by prohibiting it under these Regulations, preventing its occurrence and punishing those who indulge in ragging as provided for in these Regulations and the appropriate law in force.

3. WHAT CONSTITUTES RAGGING:

Ragging constitutes one or more of any of the following acts:

- Any conduct by any student or students whether by words spoken or written or by an act which has the effect of teasing, treating or handling with rudeness a fresher or any other student.
- Indulging in rowdy or indisciplined activities by any student or students which causes or is likely to cause annoyance, hardship, physical or psychological harm or to raise fear or apprehension thereof in any fresher or any other student.
- Asking any student to do any act which such student will not in the ordinary course do and which has the effect of causing or generating a sense of shame, or torment or embarrassment so as to adversely affect the physique or psyche of such fresher or any other student.
- Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher.
- Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students.
- Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students

- Any act of physical abuse including all variants of it: sexual abuse, homosexual assaults, stripping, forcing obscene and lewd acts, gestures, causing bodily harm or any other danger to health or person;
- Any act or abuse by spoken words, emails, post, public insults which would also include deriving perverted pleasure, vicarious or sadistic thrill from actively or passively participating in the discomfiture to fresher or any other student.
- Any act that affects the mental health and self-confidence of a fresher or any other student with or without an intent to derive a sadistic pleasure or showing off power, authority or superiority by a student over any fresher or any other student.

4. MEASURES FOR PROHIBITION OF RAGGING:

There are a number of such measures at institution level, University Level, District level etc. Some of them that are important for students to know are as follows:

- No institution shall permit or condone any reported incident of ragging in any form; and all institutions shall take all necessary and required measures, including but not limited to the provisions of these Regulations, to achieve the objective of eliminating ragging, within the institution or outside.
- All institutions shall take action in accordance with these Regulations against those found guilty of ragging and/or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- Every public declaration of intent by any institution, in any electronic, audiovisual or print or any other media, for admission of students to any course of study shall expressly provide that ragging is totally prohibited in the institution, and anyone found guilty of ragging and/or abetting ragging, whether actively or passively, or being a part of a conspiracy to promote ragging, is liable to be punished in accordance with these Regulations as well as under the provisions of any penal law for the time being in force.
- The telephone numbers of the Anti-Ragging Helpline and all the important functionaries in the institution, including but not limited to the Head of the institution, faculty members, members of the Anti Ragging Committees and Anti-Ragging Squads, District and SubDivisional authorities, Wardens of hostels, and other

functionaries or authorities where relevant, shall be published in the brochure of admission/instruction booklet or the prospectus.

- The application for admission, enrolment or registration must be accompanied by an Anti Ragging affidavit signed by a student in a prescribed format and another Anti Ragging Affidavit signed by a Parent/Guardian. (Both these Affidavits can be downloaded from the Web)
- Any distress message received at the Anti-Ragging Helpline shall be simultaneously relayed to the Head of the Institution, the Warden of the Hostels, the Nodal Officer of the affiliating University, if the incident reported has taken place in an institution affiliated to a University, the concerned District authorities and if so required, the District Magistrate, and the Superintendent of Police, and shall also be web enabled so as to be in the public domain simultaneously for the media and citizens to access it.
- On receipt of the recommendation of the Anti Ragging Squad or on receipt of any information concerning any reported incident of ragging, the Head of institution shall immediately determine if a case under the penal laws is made out and if so, either on his own or through a member of the Anti-Ragging Committee authorized by him in this behalf, proceed to file a First Information Report (FIR), within twenty four hours of receipt of such information or recommendation, with the police and local authorities, under the appropriate penal provisions.
- The Commission shall maintain an appropriate data base to be created out of affidavits, affirmed by each student and his/her parents/guardians and stored electronically by the institution, either on its or through an agency to be designated by it; and such database shall also function as a record of ragging complaints received, and the status of the action taken thereon.
- The Commission shall include a specific condition in the Utilization Certificate, in respect of any financial assistance or grants-in-aid to any institution under any of the general or special schemes of the Commission, that the institution has complied with the anti-ragging measures. *f* Any incident of ragging in an institution shall adversely affect its accreditation, ranking or grading by NAAC or by any other authorised accreditation agencies while assessing the institution for accreditation, ranking or grading purposes.

- The Commission may accord priority in financial grants-in-aid to those institutions, otherwise eligible to receive grants under section 12B of the Act, which report a blemishless record in terms of there being no reported incident of ragging.

4. ADMINISTRATIVE ACTION IN THE EVENT OF RAGGING:

The institution shall punish a student found guilty of ragging after following the procedure and in the manner prescribed here in under:

- The Anti-Ragging Committee of the institution shall take an appropriate decision, in regard to punishment or otherwise, depending on the facts of each incident of ragging and nature and gravity of the incident of ragging established in the recommendations of the Anti-Ragging Squad.
- The Anti-Ragging Committee may, depending on the nature and gravity of the guilt established by the Anti-Ragging Squad, award, to those found guilty, one or more of the following punishments, namely;
 - Suspension from attending classes and academic privileges.
 - Withholding/ withdrawing scholarship/ fellowship and other benefits.
 - Debarring from appearing in any test/ examination or other evaluation process.
 - Withholding results.
 - Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc.
 - Suspension/ expulsion from the hostel.
 - Cancellation of admission.
 - Rustication from the institution for period ranging from one to four semesters.
 - Expulsion from the institution and consequent debarring from admission to any other institution for a specified period.
 - Provided that where the persons committing or abetting the act of ragging are not identified, the institution shall resort to collective punishment.
 - An appeal against the order of punishment by the Anti-Ragging Committee shall lie,

- (i) in case of an order of an institution, affiliated to or constituent part, of a University, to the Vice-Chancellor of the University;
 - (ii) in case of an order of a University, to its Chancellor.
 - (iii) in case of an institution of national importance created by an Act of Parliament, to the Chairman or Chancellor of the institution, as the case may be.
- Where in the opinion of the appointing authority, a lapse is attributable to any member of the faculty or staff of the institution, in the matter of reporting or taking prompt action to prevent an incident of ragging or who display an apathetic or insensitive attitude towards complaints of ragging, or who fail to take timely steps, whether required under these Regulations or otherwise, to prevent an incident or incidents of ragging, then such authority shall initiate departmental disciplinary action, in accordance with the prescribed procedure of the institution, against such member of the faculty or staff. Provided that where such lapse is attributable to the Head of the institution, the authority designated to appoint such Head shall take such departmental disciplinary action; and such action shall be without prejudice to any action that may be taken under the penal laws for abetment of ragging for failure to take timely steps in the prevention of ragging or punishing any student found guilty of ragging.

Important E-mail's and Phone numbers of the University

1	VC Office	S. K. Mehar	Deputy Registrar & PS to VC	vcpaggu@yahoo.com	07752- 260353(O), 93010- 10198(M)
2	Registrar Office	S.K. Gouraha	Personal Assistant	-	94241-47119
3	Pharmacy Department	Dr. Bharti Ahirwar	Head	ah_bharti@yahoo.com	9425222614
3	Administration Section	Abhideep Tiwari	Assistant Registrar	abhideep.tiwari@gmail.com	07752- 260017 (O)
4	Development Section	Sudhakar Lonare	Assistant Registrar	ardevelopmentggv@gmail.com, slonare67@gmail.com	94241-47601
5	Examination Section	Raj Kumar Sharma	COE	rksharma992@yahoo.com	07752- 260000
6	Engineering Section	Er. Laxmikant Jaiswal	University Engineer (I/C)	laxmikantjaiswal22@gmail.com	93017-85608
7	Engineering Section	Er. Dinesh Kumar Sahu	Sub-Engineer (Electrical)	dineshsahu0202@gmail.com	097705- 44715
8	Engineering Section	Er. Bhanupratap SThakur	Sub-Engineer (Civil)	bhanupratapggv03@gmail.com	084610- 06603