

तमसो मा ज्योतिर्गमय



OUR MOTTO

तमसो मा ज्योतिर्गमय

**From darkness, lead me to light**

## VISION

Shaping a better future for mankind by developing effective and socially responsible individuals and organizations.

## MISSION

Nirma University emphasizes the all-round development of its students. It aims at producing not only good professionals but also good and worthy citizens of a great country, aiding in its overall progress and development. It endeavors to treat every student as an individual, to recognize their potential and to ensure that they receive the best preparation and training for achieving their career ambitions and life goals.

## QUALITY STATEMENT

To develop high quality professionals who reflect and demonstrate values that the University stands for, through innovation and continuous improvement in facilitation of learning, research and extension activities

## PREAMBLE

The Handbook for Students contains information about Nirma University, Institute of Pharmacy (IP) and detailed information about the B.Pharm. and M. Pharm. Programme.

It also contains a summary of the Rules and Regulations regarding academic requirements, and academic and personal conduct of the students at the University.

Besides, it includes important information on registration, grading system, academic standards, attendance norms, discipline and the like.

It is the responsibility of all students to familiarize (themselves) with the rules and regulations of the Institute and the University.

The students shall abide by these rules and shall, at all times, conduct in a manner so as to bring credit to the University and enhance its prestige in the society.

The University reserves the right to amend the rules and regulations mentioned in the Handbook without any prior notice.

The decision of the University shall be final on all matters. The Student's Section may be contacted for clarifications, if any.

The Students shall return the Declaration Forms duly signed at the end of the Orientation Programme to the Student's Section.

Students should submit their personal details, in the prescribed form, to the Student's Section.

**Dr. Manjunath Ghatge**

Director

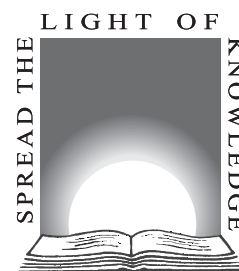
### Orientation Program Committee

Co-ordinator	Dr. Nrupesh R. Patel
Member	Dr. Bhoomika M. Patel
Member	Dr. Vivek Vyas
Member	Dr. Dipal M. Gandhi
Member	Ms. Palak K. Parikh
Member	Dr. Mohit P. Shah

## Nirma Education and Research Foundation (NERF)

The renowned industrialist and philanthropist Dr Karsanbhai K. Patel, the founder of Nirma Group of Industries, established the NERF in 1994 with a view to promote and support higher education in India.

The NERF, chaired by Dr. Karsanbhai K. Patel, is a trust that crystallized his long cherished dream of providing world-class education and inculcating the spirit of social relevance among the young students of the country. Among many social projects that he has initiated, NERF is monumental of his commitment to the society.



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## NIRMA UNIVERSITY

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**Shri Vipinbhai S. Parikh**

Advocate

**Dr. Manjunath Ghate**

Dean, Faculty of Pharmacy, Nirma University

## NIRMA UNIVERSITY

Nirma University was established by the initiative of the NERF. The University was established in the year 2003 as a statutory university under a special act passed by the Gujarat State Legislative Assembly. It is recognized by the University Grants Commission (UGC) under Section 2 (f) of the UGC Act. The University is duly accredited by National Assessment and Accreditation Council (NAAC) with 'A' grade. The University is a member of Association of Indian Universities (AIU) and the Association of Commonwealth Universities (ACU).

Functioning under the aegis of NERF, the University consists of Faculty of Technology and Engineering, Faculty of Management, Faculty of Pharmacy, Faculty of Law, Faculty of Science, Faculty of Architecture, Planning and Design, Faculty of Commerce and Faculty of Doctoral Studies and Research.

Innovation, excellence, and quality are the driving forces on the campus and this has translated the vision of these institutions into a reality over a short period of time. Today the campus vibrates with not only world class curricular activities but also with myriad activities like international conventions, symposia, conferences, student competitions, conclaves, short-term industry relevant programs, cultural activities, etc.

The University is identified with cutting edge research, robust academic programmes, quality teaching learning process and over-all personality development interventions of its students. The 125 acres sprawling state of art campus provides refreshing environment and stimulates intellectual growth and creativity.

The University in the year 2015 has been recognized as among the leading Universities in the Country by India Today. In the year 2018, it has been ranked as the 94th university in India by NIRF India Rankings.

The University has been awarded under the category of 'Excellence in Technology for Education Delivery' during the FICCI Education Awards 2015, as a part of the Eleventh FICCI Higher Education Summit 2015 held during November 3-4, 2015 organized by FICCI in association with the Ministry of Human Resource Development, Government of India.

In addition to above the University has also been accorded recognition as Scientific and Industrial Research Organization by the Department of Scientific and Industrial Research (DSIR), Department of Science and Technology, Government of India in 2014.



## CONSTITUENT INSTITUTES

The seven constituent institutes being run under the faculties are: Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law Institute of Architecture & Planning and Institute of Commerce. The under-graduate, post-graduate and doctoral level programmes offered by these institutes are rated highly by accreditation agencies, industry, business magazines and students.

### INSTITUTE OF TECHNOLOGY

Presently offers different under-graduate, post-graduate and PhD programmes in various branches of engineering in addition to MCA programme.

The Institute is renowned for imparting quality education, active research and also in nurturing the students for holistic development, accomplished through Students' Engagement Tools like Continuous Evaluation, Outcome Based Education, Blended Learning, Active use of MOOCs, Departmental and Institute Electives, Industrial Visits, Industrial Projects, Expert Lectures, Soft Skills Development, Critical Thinking Training, Yoga Classes and many more.

**INSTITUTE OF MANAGEMENT** offers Five Year Integrated BBA-MBA programme, two year residential MBA Programme, MBA in Family Business and Entrepreneurship, and Doctoral Programme in Management besides Executive Diploma Programme, In-house Training Programmes, Management Development Programmes and Consulting Services.

**INSTITUTE OF PHARMACY** offers undergraduate and postgraduate programmes in addition to doctoral programme in various branches of Pharmaceutical Sciences. It has been established with a view to prepare young men and women to meet the challenges in the area of pharmaceutical industries, education, research and development and marketing. Innovation, excellence and quality are the driving forces in the campus and the Institute has made its mark in the field of pharmacy education in a short period of time.

**INSTITUTE OF SCIENCE** was established with the intent of providing quality education to post-graduate students whose career objectives go beyond academics. The Institute currently offers Master of Science in Biochemistry, Biotechnology and Microbiology and provides broad training encompassing science and ethics to students enabling them to explore wide career opportunities. The Alumni are well placed in reputed Bio-pharma companies and academics. A balanced mix of academicians and professionals with rich academic and research experience contributes to the Institute's academic excellence.

**INSTITUTE OF LAW** offers B.A./B.Com. - LL.B. (Hons.) Five year integrated programmes, one year LL.M. programme in different areas and Doctoral Programme in law.

The Institute is committed to exploring multidisciplinary approaches through its unique curriculum and revolutionizing legal education through modern pedagogies thereby adapting to the changing world in which law professionals operate.

The Institute focuses on developing knowledge, skills and values amongst the students and they are nourished by the critical learning pedagogy and mentored and supported by the faculty and the staff so that they have the best experience possible to be successful in life.

**INSTITUTE OF ARCHITECTURE & PLANNING** offers five year graduate programme in Architecture and four year graduate programme in planning, doctoral programme in Architecture, Planning and Design. The



Institute has commenced its pioneer session from 2014 for B.Arch. The Institute aims to establish itself as one of the leading architecture & planning institutes of the country in line with the existing institutes of the University. It will be making all the efforts to develop national and international alliances with reputed institutions. This would provide platform to the students to have global exposure through updated architecture and planning pedagogy.

**INSTITUTE OF COMMERCE** Offers B.Com (Hon.) three years under graduate programme in commerce. The Institute of Commerce believes in serious academic pursuit by means of prudent mix of relevance and rigor in its curriculum design and delivery with regard to national and internationally relevant skills, knowledge and ideas through intellectually stimulating debates & discussions, innovative teaching pedagogies and exposure to relevant industry practice at all levels. The Institute is dedicated towards its goal of adding value to life and professional standards.

**DEPARTMENT OF DESIGN** offers a four years B.Des. (Industrial Design) and a B.Des.(Communication Design) programmes. The institute is at the cusp of a new dynamic age, which is transiting from the industrial age to the age of information technology. This brings with it a multitude of new and diverse areas, new skill-sets, new services, new products and new opportunities. Design learning in its truest sense is an open, 24x7, universal and sensorial activity which cannot be classified into narrow specialities which seems to be the current systems in many schools all over.

#### **FACULTY OF DOCTORAL STUDIES AND RESEARCH**

Nirma University started the Doctoral Programme in the year 2003 with the aim to provide ample opportunities to the faculty and the students to hone their research skills, to actively participate in international and national research work and to patent the pioneering research.

The Faculty of Doctoral Studies and Research is the coordinating faculty for the PhD programmes run by the constituent institutes of the University which offer Full-time and External PhD programmes. The PhD programmes are offered by the Institute of Technology, Institute of Management, Institute of Pharmacy, Institute of Science, Institute of Law and Institute of Architecture & Planning.

#### **CENTRE FOR CONTINUING EDUCATION (CCE)**

CCE has been setup with the objective to provide continuing education and training through various programmes designed for the constituent institutes of the University and also for the working professionals in the industry. CCE programme cater to a variety of needs of Industry, Business and the Community and includes skill training or upgrading of skills and knowledge through competence based education.

The short and long duration programmes organized by CCE comprise workshops, lectures, seminars, competency based skill development programmes, vocational training etc.

CCE also aims to promote Industry-Institute Interaction and social amelioration through various activities for schools and villages in the vicinity of the University.

#### **INTERNATIONAL RELATIONS**

International Relations Office supports two functional areas i.e. International Collaborations and International Students Affairs. The Center activities are designed to promote, develop and strengthen the international tie ups beyond exchange programs & research cooperation between the institutions & industry on the basis of equality and mutual benefit. The International Relations Office at Nirma University focuses on planning and executing the global collaborations for the enhancement of the quality of education adopting the dynamics

of 21st century education to our students. The International Relations Office is also dedicated to help international students, faculty, and scholars in achieving their academic, personal, and professional goals through advising, facilitating visa processes, promoting cross-cultural opportunities, and offering specific services exclusively designed keeping in mind the international aspects.

### **CENTER FOR ENTREPRENEURSHIP**

The center for entrepreneurship at Nirma University, has been conceptualized to formulate standard procedures for identification, selection and assisting potential entrepreneurs. It will also serve as innovation promotion platform involving academics, entrepreneurs and researchers. The Entrepreneurship Cell is a set-up, conceptualized by Nirma University that aims at manifesting the latent entrepreneurship spirit of young students. The Entrepreneurship Cell hold every year various workshops, speaker sessions, innovative games, competitions for aspiring entrepreneurs and support them by providing necessary resources like networking, consultancy, mentoring and seed funding.

### **DIRECTORATE OF RESEARCH & INNOVATION**

Nirma University, keeping in view its vision and mission statement, has established the Directorate of Research & Innovation - a separate identity to promote the research ambience, create research culture and coordinate its sustenance, motivate researchers, offer guidance and excel in variety of research activities. The Directorate shall coordinate and enhance innovations, research publications, post graduate and doctoral work, active national and international collaborations, Intellectual Property, funded research and interdisciplinary research.

The Directorate engages itself, in sync with the constituent institutes, in consultation with an Advisory Committee and Core Committee. The implementation of University research policy, stimulating innovations and strengthening doctoral research are the key objectives of the Directorate of Research & Innovation at Nirma University. The Directorate also facilitates the overall research progress of the University under various schemes, faculty engagement and research orientation programmes.

### **CENTRE FOR QUALITY ASSURANCE AND ACADEMIC DEVELOPMENT (CQAAD) CELL**

In order to maintain the quality standards of academic development and research consistent with the vision and mission statement of the University, Centre for Quality Assurance and Academic Development cell has been formed to provide quality education in respective professional fields. The Cell has a Director, Deputy Director and Coordinators for smooth functioning, however it also relies on the various ginger groups and committees. The Cell works closely with the Head of the constituent Institutes of the University and CQAAD Committee Members. This cell monitors and guides the institutes of the University to raise the standard on ongoing basis in the academic activities, particularly with reference to all the aspects of teaching-learning processes and research at under-graduate, post-graduate and doctoral stages of all the programmes. The CQAAD Cell enables the constituent institutes of Nirma University to evolve quality assurance mechanisms for continuous excellence in academics for preparing for accreditation. The cell mentors individual faculty members/groups to upgrade their knowledge content through seminar, workshop, group discussions, faculty induction, orientation and development programme, etc.

The University provides conducive environment for research by encouraging the faculty members to apply for research grants from external funding agencies and provide platform and bears all the expenditure for filing applications for patents through this cell.



## Centre for Continuing Education (CCE)

Centre for Continuing Education (CCE), Nirma University has been set up with the objective to provide continuing education and training facilities through various programmes designed for the faculty and students of the Institute and also for working professionals in the industry. The short and long duration programmes organized by the cell comprise workshops, lectures, seminars, competency based skilled development programmes, vocational training etc. CCE also aims to promote Industry – Institute interaction and social amelioration through various activities for schools and villages in the vicinity of the University.

### Objectives

The objects of the University shall be to develop the knowledge of science and technology, dental, medical, paramedical, physiotherapy, pharmacy, commerce, management, education and humanities for the advancement of mankind. The objects of the University are as follows, namely:-

- To disseminate, create and preserve knowledge and understanding by teaching research, training and extension activities by effective demonstration and influence of its corporate life on society in general.
- To create centres of excellence for providing knowledge, education, training and research facilities of high order in the field of science, technical, dental, medical, paramedical, physiotherapy, pharmacy, commerce, management, education, humanities and other related professional education as per its current status and such other manner as may develop in future, including continuing education and distance learning.
- To develop patterns of teaching a Certificate/Diploma, Undergraduate, Postgraduate courses and Doctoral level and to maintain a high standard of education and its applications, to create capabilities for upgrading science and technology, dental, medical, paramedical, physiotherapy, pharmacy, commerce, management, education and humanities.
- To develop training facilities and make arrangements for training in higher education including professional education and allied fields; to provide for inter-relationships for national and global participation in the field of science and technology, dental, medical, paramedical, physiotherapy, pharmacy, commerce, management, education and humanities and its allied fields.
- To function as a learning resource centre.
- To provide for arrangement for national and global participation in the field of higher and professional education including technical education, dental, medical, paramedical, physiotherapy, pharmacy, commerce, management, education and humanities.
- To establish close linkage with the industry to make teaching, research and training at the university relevant to the needs of the economy, at national and global level.

## FROM THE DIRECTOR'S DESK

It is my pleasure to introduce Institute of Pharmacy at Nirma University. It is one of the most sought after pharmacy institutes in the country for pharmacy education and research. It offers programmes at Under-Graduate, Post-Graduate and Doctoral level. It has always attracted bright minds in pharmacy education. Being a constituent institute of Nirma University, providing highest standards of education has been our constant endeavour. Our efforts have now been accredited by prestigious "A" grade by NAAC, which made us first private university in Gujarat state to achieve such honour. I am happy and proud to share that Institute of Pharmacy - Nirma University has been ranked 18<sup>th</sup> in pharmacy education category by Ministry of Human Resources Development, New Delhi, in its National Institutional Ranking Framework (NIRF).



The Institute prepares the students to face the challenges of today's world and to meet the demands of pharmaceutical field. In order to make the students competitive and at par with their international counterparts, we have well equipped laboratories, outstanding infrastructure and qualified, experienced and committed faculty. Some of the advanced instruments like High Pressure Homogenizer, Particle Size Analyzer and Zeta Potential Analyzer, Lyophilizer, Gel Electrophoresis, Microwave Synthesizer, Raman Spectrophotometer, SFC, Near IR Spectrophotometer, FTIR, HPLC, HPTLC and pilot scale equipment like Mini Spray Drier, Fluid Bed Drier cum Coater, Texture Analyzer etc. enables the students to acquire hands on experience. Our state-of-the-art animal-house facility is registered by CPCSEA and medicinal plant garden has more than 150 species of various medicinal plants. Excellent library facility and database like Science Direct is our key feature for deeper academic progress and learning.

The Institute has also been on the forefront of research. The dedicated team of well qualified and experienced faculty members is producing good quality research output. Most of our faculty members are Ph.D and some are having industry and research experience. The Institute has been receiving grants for research from various government bodies like DST, GUJCOST, DBT, SERB, GSBTM, ICMR, AYUSH, ISRO and BRNS etc. The DST-FIST grant for infrastructure development of worth Rs. 55 lakhs is also received by Institute. Hence the students benefit from excellent research environment provided by the Institute under guidance of well qualified and committed faculty. Guest lectures by industry experts, national seminars, workshops and industrial visits are conducted at regular intervals to update the knowledge of the students. Every year international conference and national conference are organized to provide platform to learn about innovative and recent developments in the relevant research areas. The students equipped with necessary knowledge, skill and enthusiasm are all set to make their mark in the industry. We are committed to deliver the best of the learning facilities and environment to the students.

We look forward to welcome you at the Institute of Pharmacy, Nirma University.

**Dr. Manjunath Ghate**

Director, Institute of Pharmacy  
Nirma University

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## 1. ABOUT THE INSTITUTE

Institute of Pharmacy was established in year 2003, is a leading institute in the western region of the country imparting quality pharmacy education at Under Graduate, Post Graduate and Doctoral levels. Institute of Pharmacy, Nirma University has been ranked 18<sup>th</sup> best Pharmacy Institute among Pharmacy Institutions of the country by NIRF, MHRD, Govt. of India.

Institute of Pharmacy prepares the students to meet the challenges in the area of pharmaceutical manufacturing and research and development. The Institute houses state-of-art research facility and infrastructure to support pharmaceutical education and research. The Institute offers B. Pharm, M. Pharm and Full time and External Ph.D. Programmes in Pharmaceutical Sciences. The Institute has adopted Outcome Based Education (OBE) to further advance the development of professional knowledge, inculcate employability skills in addition to development of character and social responsibility. To achieve the same objective, vision & mission of the institute was also defined in line of University's vision & mission. Further, the programme educational objectives and programme outcomes were also made. The details are available on [www.nirmauni.ac.in/ipnu](http://www.nirmauni.ac.in/ipnu)

The Institute has dynamic curriculum, robust and talented pool of faculty members, and state of the art infrastructure in all the departments. It is well known for imparting quality education, doing active research and also in nurturing students for holistic development, achieved through Students' Engagement Tools like continuous evaluation, blended learning, active use of MOOCs, credit based systems, departmental electives, institute electives, university and non university courses, industrial visits & training, industrial and hospital projects, expert lectures, special training in communication skills, yoga classes and many more.

## 2. THE CHARTER OF STUDENT'S RIGHTS AND RESPONSIBILITIES

Within the context of the Mission and Vision values of Nirma University, the charter of student rights and responsibilities has been prepared. This charter sets out the fundamental rights of the students with respect to their responsibilities towards their institution. To build the quality and standard of higher education the entire responsibility heads on teachers, administrative authorities, students, and internal quality assurance cell to improve the eminence of learning along with the National Assessment and Accreditation council (NAAC) playing a synergistic role by providing guidelines and direction.

The charter recognizes that students are central to a dynamic University while, the University recognizes the importance of student rights, responsibilities and opinion and encourages diversity within the student body. The rights and responsibilities enunciated in this document acknowledge the role of students as well as institution to ensure excellence in education.

For this students must be aware of their rights to get quality education and also their duties towards the organization, this in turn encourages Higher Education Institutions (HEIs) to enhance quality. This mutual commitment helps in assuring quality in multiple dimensions.

**A. Institution's responsibilities towards students:**

The Institution shall

1. Communicate the goals, objectives, rules and regulations of the institution to all students
2. Offer programmes in-line with pharmacy regulatory authorities.
3. Offer relevant courses with acceptable academic flexibility.
4. Provide relevant learning resources to students.
5. Inform well in advance about Academic calendar, Examination and other relevant information.
6. Use feedback from students in the initiation, review and redesign of new programmes
7. Facilitate for effective teaching-learning of the students.
8. Implement a well-conceived plan for observing student development constantly.
9. Ensure that the student evaluation processes are consistent, effective and transparent.
10. Provide flawless information to students about the admission procedures, fee structure, scholarship assistance and student mentoring services.
11. Ensure welfare support services to all students.
12. Encourage values, social responsibilities and moral citizenry in all students.

**B. Student's responsibility of Learning:**

The Students shall:

1. Respect the institutional goals and objectives.
2. Participate and contribute in various institutional activities.
3. Have information of the programmes, admission procedures, evaluation guidelines of the institution.
4. Follow the rules and regulations of the institution
5. Undertake systematic and in-depth study of learning materials
6. Make optimum use of the learning resources and other support services available in the institution
7. Regularly appear in continuous internal assessment and term-end examinations
8. Provide constructive and genuine feedback for institute development
9. Live as worthy alumni of the institution.

### 3. ACADEMIC PROGRAMMES

The Institute currently offers following programmes :

1. **B. Pharm.** (Eight Semester Programme)\*
2. **M. Pharm.** (Four Semester Programme)\*
  - Pharmaceutics
  - Pharmaceutical Chemistry
  - Pharmaceutical Analysis
  - Regulatory Affairs
  - Pharmacology
3. **Ph. D. programmes in Pharmaceutical Sciences\*\***  
(Full Time and External)

\* With industrial training

\*\* With course work

#### Curriculum

The institute has introduced an innovative curriculum befitting the needs of the day. It is continuously updated to integrate the rapidly occurring advances in the field of pharmaceutical sciences and drug research. It is vital that universities and teachers recognize their responsibility in preparing not only responsible members of healthcare team but also valuable members of the society, who must have top quality scientific and professional skills, and an unquestionable sense of ethics.

The content of course have been carefully considered to ensure that they are relevant and up-to-date and special consideration has been given to the application of knowledge, communication, language and patient care skills, healthcare system organizations, the development of professional identity, critical thinking and lifelong learning. It is mandatory for all the university to follow the curriculum of Pharmacy Council of India (PCI) and institute is following the syllabus of PCI with modification in learning process.

#### Special features:

The Institute of Pharmacy is a constituent unit of Nirma University. The B.Pharm. programme is approved by Pharmacy Council of India (PCI) with an intake of 100 seats. The special features of our programmes are:

- A 125-acre campus in picturesque surroundings, which provides a refreshing environment, stimulating intellectual alertness and creativity
- Innovative dynamic curriculum befitting the current needs of industry and adopting OBE
- Teaching of value added, enrichment and add-on courses, industry electives, university electives, departmental electives, audit courses, MOOC courses and self-study course in curriculum, social extension and NSS related activities, and inputs and seamless university examination system for evaluation and grading
- Classroom plus ICT based interactive teaching learning using Modern Tools, Web Resources and Wi- Fi facility
- Supplementary Learning Activities with Practical Training in Industries during summer
- State- of –the- Art laboratories for PG Studies and Research



- Collaboration with Research Institutions like: Plovdiv University, Bulgaria, B. V. Patel, PERD Centre, Ahmedabad, Cadila Pharmaceutical Research Centre & Intas Pharmaceuticals Ltd., Piramal Pharmaceutical Development Services (P) Ltd., Ahmedabad, CII, Ayurlab Herbal Pvt, Ltd. Vadodara & Beiersdorf (Nivea) Germany, Brillare Sciences, Ahmedabad, Finecure, Ahmedabad, CPC, Ahmedabad and Evonik, India, Eris Lifesciences Ltd., Ahmedabad. (there is addition of Eris lifesciences Ltd)
- Excellent hostel for PG & Ph.D. students on the campus
- Highly Qualified Faculty having Ph.D. and research experience with various awards, patents & publications in reputed journals
- M.Pharm students and research guides have received national recognition for Best Thesis inPharmalInnova Award Competitions supported by DST and Troikaa Pharmaceuticals Ltd.
- Advisory Committee comprising eminent personalities of Academia and Industries
- Stipend to the Meritorious GPAT and Non-GPAT Students as per Nirma University norms
- Regular visits to the industries, CROs and R&D centers and a strong industry-academy interaction and regular visiting faculty from industries
- Constant mentoring to the students by the faculty on a one to one basis on career guidance for personal development, identification of aptitudes and motivation in right direction
- Grooming and Training of students with development of Communication Skills and Extensive Coaching for GPAT, TOEFL, GRE etc.
- Use of Plagiarism policy for thesis checking and report is attached with thesis
- Dedicated Industry Institute Interaction cell, for training and grooming of students for effective transition from campus to company

### **The approach to learning:**

The institute makes use of an appropriate mix of pedagogical tools to train students to handle professional responsibilities. These include lectures by an appropriate mix of in-house and visiting faculty, expert lectures, discussions, seminars, project assignments, and visits to industries. The laboratory practical related to the theory course are included in the syllabus to acquaint the students with practical knowledge. Continuous Evaluation and counselling are important parts of the academic programme.

- Rigorous Coaching with Continuous Evaluation
- Credit Based Semester System with weightage of different components of study
- Learning through Classroom Teaching, Practical Work, Industry Visits and Project Work
- Academic Rigor and Innovative Pedagogical Tools
- Faculty Guidance and Advisory System with Faculty as Counsellors to students
- Continuous Enhancement of Communication Skills
- Continuous Up-gradation of State -of -the- Art Knowledge and Skills
- Active participation of students in creative Co-curricular Activities.
- Portion of syllabus is covered by Industrial Expert in each course
- Quality policy for various aspects like curriculum design and development, teaching-learning and evaluation, teacher quality, infrastructure and learning resources and student support, research, consultancy and extension activities and monitoring and review of quality.
- IT Policy for using the IT resources, whether personally or of University owned, which access, transmit or store various types of related information
- Idea lab for carrying research on new idea by the students
- Course design policy for smooth conduct of course

## 4. ACADEMIC INFRASTRUCTURE/FACILITIES

### The Campus

The Institute of Pharmacy is situated on the sprawling 125 acre green campus of Nirma University. It has all the modern facilities like Sophisticated Instruments, State of the art labs, excellent computing & IT infrastructure including latest software, rich library, canteen, playgrounds, indoor games and gymnasium. The campus provides an ambience that motivates the students to grow. The Institute building has modern amenities, with enough space and replenished with modernity and grandeur. The post graduate laboratories are independently developed for M.Pharm. and Ph.D. students. In addition the campus has sports facilities and the overall ambience is distinguishable by its serenity, which is conducive for intellectual pursuits.

### Sophisticated Instruments

The Institute has modern instruments like High Pressure Homogenizer, Particle Size Analyzer and Zeta Potential Analyzer, Lyophilizer, high speed homogenizer, stereotaxic apparatus, microdialysis system, FT-IR, Fluorescence Spectrometer, Super Critical Fluid Chromatography, UV-Spectrophotometer, HPLC Binary Gradient with PDA Detector, HPLC with Autosampler Quaternary Gradient, GC, Supercritical Fluid Chromatography and Extraction, HPTLC, PCR, Gel documentation system, data acquisition system and Raman Spectrophotometer which provide analysis comprising molecular mechanisms, elemental composition, chromatography, diffraction, particle/ material characteristics including various spectroscopes. The laboratory provides analytical support and intellectual input to both in-house and externally funded R & D projects.

### Machine Room

The machine room is equipped with Rotary Tablet Machine, Fluidized Bed Drier cum Coater, Digital TensioMeter, Texture Analyzer, Mini Spray Dryer, Freeze dryer, Automated Dissolution Apparatus, projection microscope, vacuum drier, ultrasonicator, high pressure homogenizer, particle size analyzer etc. The laboratory provides facilities to carry out extensive research and consultancy for pharmaceutical industries.

### Drug Discovery Lab

The Institute has a separate Drug Discovery Laboratory equipped with necessary computational facilities. It possesses seven workstations (computers) with latest configurations. It also possesses molecular modeling software like Gold Suite 5.1. The students are trained on the software for docking, pharmacophore modelling and QSAR studies etc.

### Animal House

The Institute has state-of-art Animal House facility registered by CPCSEA, Government of India. It provides pre-clinical testing in conformity with national and international regulatory guidelines (Schedule Y and OECD). The animal house facilitates the availability of healthy and homogeneous animals for U.G. and P.G. studies and for research / outsourced testing. An incinerator is also available at the Animal House.

### Nirma Herbal Wealth

A medicinal plants garden, covering a total area of 3556 sq. meters has been developed at the University campus. More than 150 species of various medicinal plants have already been planted. The medicinal plants garden provides a strong impetus for herbal drug research and for the training of the students of the Institute.

## Class Rooms

The classrooms are spacious, ventilated and equipped with multimedia and audiovisual equipment to facilitate effective learning. The classrooms are designed to provide maximum interaction between the faculty and students.

## I.T Infrastructure

The central computer facilities consist of 24 servers and more than 1500 systems, which are interconnected by fiber optic cables and 256 Mbps, leased line internet connectivity. Computing facilities for the students include a laboratory equipped with 42 computers for U.G. and P.G. students. The students have an easy access to the internet. The campus is equipped with Wi-Fi network

## Learning Resources Centre (Library)

At Institute of Pharmacy, it is a belief to facilitate production and dissemination of knowledge, information, insights & intellect in all scientific communities. The Library plays a vital role in the collection, development and dissemination of scientific information and includes a wide range of volumes of different branches of Pharmaceutical Sciences and allied subjects and also provides extensive access to leading Indian and international research journals.

The Library at Institute of Pharmacy houses more than 8,951 volumes of books selectively chosen for reading and reference, 362 CDs, 1,796 Bound Volumes, 740 Project Reports (B.Pharm), 485 Research Project Reports (M.Pharm), 70 PhD Theses and subscribes about 21 printed national, 3 international periodicals, 15 magazines and 9 newspapers. Library is also providing Web access to 113 e- journals: Science Direct: Pharmacology, Toxicology and Pharmaceutical Sciences Module (89), Bentham Science Publisher (23) and Pharmacological Review (1).

## Online Resources

**Bentham Science Publisher** is a major STM journal publisher of 92 online and print journals, 200 plus open access journals, and related print/online book series, Bentham Science answers the informational needs of the pharmaceutical, biomedical and medical research community. The connectivity to e-journal is through IngentaConnect.com.

Resources: 23 journals published by Bentham Science

Back Files: 2009

Access: Unlimited

Click here: <http://www.ingentaconnect.com/content/ben>

**Science Direct**, web-based interface to the full-text database of Elsevier Science journals one of the world's largest providers of scientific, technical and medical (STM) literature offers a rich electronic environment for research journals, bibliographic databases and reference works. We have unlimited and complete online access to 89 journals (Pharmacology, Toxicology and Pharmaceutical Science) of Elsevier Science available in Science Direct database.

Resource: 89 journals published by Elsevier Science

Back-files: 1997 onwards

Simultaneous Access: Unlimited

Click here: <http://www.sciencedirect.com/>

**Pharmacological Reviews** showcases important review articles on topics of current interest. Topics covered are biochemical and cellular pharmacology, drug metabolism and disposition, renal pharmacology, neuropharmacology, behavioral pharmacology, clinical pharmacology, and toxicology.

Resources: 1 journal published ASPET

Back Files: 1997

Access: Unlimited

Click here: <http://pharmrev.aspetjournals.org/>

## Automation

The Library and Resource centre is fully automated with Open Source, user-friendly library software KOHA that facilitates automated circulation (issue & return) of the books and location and availability information of the books stocked in the library. Online Public Access Catalogue (OPAC) is also available on the Internet for inquiring the status of the resources. Bar-coding system is in use to computerize the bibliographic details of the resources.

## Facilities and Services

The Library & Resource Centre offers the following facilities and services:

### Facilities:

- Photocopying
- Online Public Access Catalog OPAC (Computerized Information Search)
- Internet browsing
- Book Bank
- Library Mobile Apps

### Services

- Reading /Reference
- Circulation
- User Education Programmes
  - Library Orientation Programme
  - Information Literacy Programmes (LRC is offering an Audit Course on Information Literacy Competencies to VII semester B.Pharm students of the institute)
- Current Awareness Service
  - New Arrival Lists of Books and Periodicals (Display on Notice Board as well as through Emails)
  - Newspaper Clipping
  - Current Content Alerts through RSS feeds
- Selective Dissemination of Information (on demand service)
- Examination Papers Depository on Google Drive
- Digital Library (Institutional Repository)
- Interlibrary Loan
- Remote login

**Other Activities**

- Screening TED Talks
- Celebration of National & International Days
- Literature Club (Gyan Samhita): - intends to bring out the literary talents of the students
- Training of Zotero & Mendely (Reference Management Softwares) to IPNU Users

**For further information please log on to <http://www.nirmauni.ac.in/iplib>**

**Amenities****Students' Store**

A students' store is run on a "no profit no loss" basis and provides all the necessary materials like books, stationary, practical requirements, etc. to students.

**Bank**

For the benefit of the students and staff members, the Nirma University branch of Kalupur Commercial Cooperative Bank with ATM facility is available on the university campus.

**Hostel Accommodation**

Hostel accommodation is available on campus for Postgraduate and Ph.D. students. Guidance is provided for hostel accommodation available outside the campus in the Ahmedabad city. The Institute has separate hostel facilities for boys and girls. Both the hostels are located on the campus. The AC and non AC hostel rooms are spacious and well furnished. The hostels have sports and other recreational facilities, such as cable TV, common room for interaction, etc. All the hostel rooms have round the clock intranet and internet connectivity. The hostel mess is operated by a private contractor. Only vegetarian food is served in the mess. The hostel residents are expected to adhere to the hostel rules and regulations.

**Canteen**

A modern canteen and food court buildings areas provide hygienic and wholesome food, snacks and beverages.

**Playgrounds**

Playgrounds for Cricket, Volleyball, Football, and other games are maintained on the campus. Indoor game facilities have also been created. A full-fledged gymnasium is also available for students.

**Transport Facility**

Transport facility is provided to the students from their residence to the institute and back. For this the university has its own fleet of buses, which ply on pre-decided routes.

**Emergency Services**

A Health Centre with physician and 24 x 7 ambulance service equipped to handle the medical emergency is available on campus.

**Industry Institute Interaction Cell:**

Objective of Industry Institute Interaction (III) Cell is to constantly interact with industry so as to maintain healthy and mutually beneficial relations between industry and academia. III Cell works towards providing close links with pharmaceutical industries, contract research organizations and other state and national level

R&D organizations so that it helps the institute in student placements / training / Curriculum improvement etc. It strives to find out the gap between the needs of the industry and the end product of the Institute. III Cell tries to facilitate and enhance quality of interaction between the institute stakeholders and Industry.

At Nirma university, each institute has its III cell, which is managed by dedicated Corporate Relations Manager. It is supported by faculty placement coordinators and student coordinators, working under the guidance of the Director and in association with respective heads of the departments. III Cell facilitates student visits to industries, industrial training, project placement & campus interviews. Placement of students for industry training/projects during summer has been benefiting students to a great extent.

Trains and grooms the students so as to ensure that students can smoothly transit from Academics to industry. The students are oriented and trained towards placement related topics like writing better resumes, participating in group discussions, facing interview, Interview etiquette etc. With the efforts of III cell, the students of recent years passout batches have been placed in companies like Torrent Research Centre, Novartis, Nestle, Sun Pharma, Sanofi India, Amneal Pharmaceuticals, Troikaa Pharma, Eris, Zydus Cadila, Piramal Healthcare, Intas Pharmaceuticals, ELC group, Lambda Therapeutics, APCER Lifesciences, Torrent Pharma, Johnson & Johnson, Rusan Pharma, Allen Career Institute, Finecure Pharmaceuticals etc.

### **Collaboration with Research Institutions**

The University, recognizing research as the main drive of success in an academic setting, has established a distinct Faculty of Doctoral Studies and Research to initiate research programmes independently or in collaboration with National Laboratories that have the potential in terms of infrastructure and expertise. As a beginning such collaboration exists with institutions like-

- Piramal Drug Development Services Ltd., Ahmedabad
- Plovdiv University, Bulgaria
- Physical Research Laboratory (PRL), Ahmedabad
- B. V. Patel Pharmaceutical Education and Research Centre, Ahmedabad
- Cadila Pharmaceutical Research Centre, Ahmedabad
- Intas Pharmaceuticals Ltd., Ahmedabad
- Directorate of Forensic Science, Government of Gujarat
- Space Application Centre (ISRO), Ahmedabad
- Ayurlab Herbal Pvt. Ltd., Vadodara
- Appollo Hospitals International Ltd., Ahmedabad
- CII (Confederation of Indian Industry), Ahmedabad
- Beiersdorf (Nivea), Germany
- Finecure Pharmaceuticals Ltd., Ahmedabad
- CPC, India
- Evonik, India

### **Industries Involvement in Course Curriculum Design**

In various academic bodies, there is adequate representation of industry experts which makes the curriculum rich and relevant to industries. Participation of experts from pharmaceutical industry is regularly helping us in designing and updating the curriculum. Portion of syllabus is also covered by Industrial experts to enhance their knowledge.



## **Industrial Training for the undergraduate and postgraduate students**

Training is an integral part of the study to prepare the students for the real world problems. The undergraduate and postgraduate students are supported for internship at various industries for 6 to 8 weeks under the supervision and guidance of respective industry personnel. The faculty carries out monitoring and evaluation regularly.

### **Placement cell**

Placements play an important role in meeting the career aspirations of each student enrolled in the programme. In its endeavor to assist students in meeting his/her career goals, the Institute has a well-equipped and organized Placement Cell, which is in constant touch with the industry so as to create better placement opportunities for students.

### **Final Placement**

The Institute helps each student in exploring placement opportunities by inviting various companies for campus recruitment of students who are in the final year of the programme and are likely to graduate at the end of the academic year.

The final placements, at the Institute, are a result of very systematic interaction with the industry and continuous career counseling of the students. Right from the beginning of the programme, students are continuously counseled with regard to his/her career aspirations and options, which in turn is vigorously followed up with the potential companies for participating in the placement programme of the Institute. This not only helps the students in getting their 'dream' jobs but also assists the visiting placement companies in identifying the 'right' candidate for their organization. However, the placement will be governed by Placement guidelines.

### **Planning for Placement**

The placement activity is primarily managed by the Placement Committee headed by Director of the institute as Chairperson with the help of the Manager Corporate Relations and other committee members which includes faculties and students from various departments.

The Broad Activities Undertaken by the Placement Cell are:

- Formation of Students' Placement Committees for final placement and also for getting industrial training and industry linked project work for students.
- Preparation of Placement Brochure for final placement.
- Pre-placement visits (PPV) to the companies.
- Communication, networking and relationship building with the potential recruiters
- Invitation to potential recruiters to visit the Institute.
- Continuation of placement activities after the stipulated period, till all the students are placed.
- Grooming and training of the candidates for the placements so that their chances of selection increase.
- General follow-up, joining formalities and other administrative activities.

### **Institute Placement Committee**

The placement related activities, at the Institute, are carried out by Placement committee – it comprises of faculties from various departments of the institute. Student representatives from various branches who are in

their final year are also appointed as committee members. The committee is headed by Director of the Institute and Manager Corporate Relations acts as a member secretary. The placement committee is usually formed in the month of July.

### ***Student Registration for Placement***

The students who are in their final year and interested in availing placement support from institute, will have to register themselves for placement. Those who don't want any kind of placement support need not register themselves. Registration for placement is done by paying placement registration fees decided by the institute from time to time.

### ***Placement Brochure***

The Institute prepares a Placement Brochure, giving details of the students ready to be placed for the benefit of the students and potential recruiters. This brochure is subsequently shared with potential recruiters. The students registered for placement are included in this brochure.

### ***Placement Eligibility***

Students who fail to clear the academic exams & other formalities at the end of course, shall be removed from the placement process and hence will not be eligible for campus placement activities. Any major disciplinary actions will terminate the student from campus placement activities

### ***Placement Process***

Once an organization shows interest in recruitment from the Institute, the students are asked to register their interest for the job. An email informing about the job opening and its details will be shared with the student coordinators and placement committee. Placement cell will try to get as much details as possible about the job profile. The registration of interest is to be done by students from their official Nirma Gmail ID on the provided link, after going through the job profile. It is not compulsory. Only students who register for that particular job profile will be considered for the job opening and their names and CVs will be shared with the company. It will be responsibility of a student to keep his/her resumes updated with placement cell. Once the names of students are submitted, student is not allowed to withdraw from the selection process.

Sometimes companies come for Pre-Placement Talk / Group Discussion / Written Test and the short-listed students are interviewed at the campus or off the campus. Alternately, some companies select students based on their CVs and may invite them for Group Discussions/Interviews at their offices.

### ***Guidelines for Placements***

The final placement is governed by certain guidelines, which are framed to facilitate the students to get maximum benefits:

These guidelines are revised from time to time. The guidelines being followed currently are:

1. If company is coming for a Pre-placement talk, attending of Pre-Placement talk is compulsory for all the students unless informed otherwise by the student in writing.
2. A student can only withdraw his/her name before the CVs are sent to the company.
3. Under no circumstances, the students will personally communicate with the companies (except those who opt for private placements). If a student breaches this code, he/she may be debarred from the final placement at the campus.

4. If the company shortlists/selects a student on the basis of his/her CV, the student has to go through the next steps of the selection process.
5. In case a student opts out after getting short-listed by the company, he/she will not be eligible for final placements through campus.
6. Students once finally selected by a company through campus placement shall not be considered for placement in future at the campus.
7. Students have to wear formal dress during the PPT, Group Discussions and Interviews.
8. The eligibility of a student, who can apply for the selection in a company, will be determined based only on the specifications/ job profiles offered by the company and as directed by the respective companies.
9. The Placement cell will try to bring and put forward as many details as possible for the job openings to the students. Students are not permitted to ask for location preferences or negotiate on salary, if it is already disclosed by the company.
10. The Institute will not interfere in the selection process of the visiting companies.
11. A student can appear for placement for any number of companies until he/she gets selected, and after selection shall not be eligible to appear for placement in any other company.
12. In case a student has appeared for more than one company before the declaration of the result, the student has the option to select the company of his choice from the results of the other companies for which he/she has already appeared on that particular day. This clause is applicable only if one is through of interview process (full selection process) of two or more companies simultaneously.
13. In case, if one has appeared just for written test process of company A, before appearing for its interview, and he /she has got selected in some other company, then he / she will not be allowed to appear for further selection process of company A.
14. The student who receives an offer letter from the company shall join the company as per terms of offer letter.
15. In a batch, when we reach a level of 75 % placement, for the students remaining to be placed, they will NOT HAVE the right to exercise their choice and sit for selective companies. He/she has to sit for all companies which they qualify for. However, students who submit their reservations (example: location, remuneration, industry/company, and profile) will not be forced / allowed to sit for those specific profiles, companies, location and remuneration.
16. Institute will try to place those students suitably who have specific industry / job preferences / location constraints, etc. In case, if these students remain unplaced after the completion of the programme, the Institute for all official records will consider them placed.
17. Students noticed to be underperforming deliberately will be put out of the placement process for the next 5 companies. (Under performance will be verified through the feedback from the company officials)
18. All communication related to placements / job openings will be done on the email Id registered with placement cell. It is student's individual responsibility to check the emails on regular basis.
19. It will be responsibility of a student to keep his/her resumes updated with placement cell. If any

falsification of data or serious misrepresentation of information is found in the CV or registration details of candidate which may influence the chances of selection, he/she will be immediately removed from the placement process.

20. It is obligatory for each student to abide by the rules/guidelines as stated above, failing which he/she shall be debarred from the placement process of the Institute. However in the interest of the Students / Institution and corporate relations the placement cell has the discretion to make changes in the above guidelines/rules. In case of any doubt or dispute, the decision of the Chairperson of the placement committee will be final. No coercion by any student (s) will be allowed at any level. The Chairperson's decision will be final and irrevocable.

**PLACEMENT SUMMARY 2016 - 2018**

	2016		2017		2018*	
	Placed	Interested Students	Placed	Interested Students	Placed	Interested Students
M.Pharm - Drug Discovery	1	1	-	-		
M.Pharm - Medicinal Chemistry	2	2	-	-	1	2
M.Pharm - Pharmaceutical Analysis	6	6	6	6	-	-
M.Pharm - Pharmaceutical Technology	13	15	10	10	11	13
M.Pharm – Pharmacology	7	7	4	4	9	9
M.Pharm - Clinical Pharmacy	3	3	1	1	7	7
M.Pharm - RA QA	8	8	12	12	13	14
<b>M.Pharm</b>	<b>40</b>	<b>42</b>	<b>33</b>	<b>33</b>	<b>41</b>	<b>45</b>
<b>B.Pharm</b>	<b>10</b>	<b>11</b>	<b>8</b>	<b>10</b>	<b>6</b>	<b>7</b>
<b>Grand Total</b>	<b>50</b>	<b>53</b>	41	43	47	52
Ph.D Students Placed	1	1	-	-	3	3
% students placed out of students interested for placement *	94.33%		95.34%		90.38%*	

\* Placement process starts in January and goes on till September End. Hence we expect that still more placements will happen in 2018. These figures are provisional and represents status as of 23<sup>rd</sup> July 2018. For any further information on Placement the student can get in touch with Manager Corporate Relations - Mr. Tushar Patel

## Equal Opportunity Cell

Indian Society has rich diversity in terms of religion, caste and culture which is characterized by social division and this may lead to inequalities and create barriers to access the important resources to disadvantaged section of the society. These sections include Scheduled Caste, Scheduled Tribes, other backward classes, women, minorities and differently abled persons.

Education is an important instrument of social control which enriches human life materially as well as culturally. Education at grassroots level means freedom from ignorance which leads to freedom from exploitation and oppression. In this way, education is an important resource which must be distributed equally in terms of opportunities as its acquisition opens up other material resources such as wealth, status and excellence. So it is highly desirable to make education system inclusive and should be responsive to the needs and constraint of the disadvantaged social groups.

To cater this larger goal, Equal Opportunity Cell is set up under the aegis of Nirma University

### Aims and Objectives:-

- To identify the issues amongst the disadvantaged sections on the campus and to provide an enabling and non-discriminative environment for them.
- To promote inclusive policies and practices on the campus
- To ensure equality and equal opportunities to the disadvantaged group on campus through proper implementation of policies, skills, and programs.

### Functions of EOC:-

- To create a socially congenial atmosphere for academic interaction and for the growth of healthy interpersonal relationships among the students coming from various social backgrounds.
- To make efforts to sensitize the academic community regarding the problems associated with social exclusion as well as aspirations of the marginalized communities.
- To help individuals or a group of students belonging to the disadvantaged section of society to contain the problems related to discrimination.
- To look into the grievances of the weaker section of society and suggest amicable solution to their problems.
- To disseminate the information related to schemes and programmes for the welfare of the socially weaker section as well as notifications/memoranda, office orders of the Government, or other related agencies/organizations issued from time to time.
- To prepare barrier free formalities/procedures for registration of students belonging to the disadvantaged groups of society for various programmes in respective semester/terms as per University rules. (subject to the norms applicable to the respective programmes)

EOC Committee at Institute of Pharmacy: Prof. Manjunath Ghate-Chairman, Director, Prof. Priti Mehta, Professor, Prof. Jigna Shah, Professor, Dr. Charmy Kothari, Advisor (Member Secretary), Dr. Bhoomika M. Patel, Coordinator, Student's activities.



**Student welfare board:****Objective**

The student welfare board at Institute of Pharmacy strives to provide support and motivation to the students through various events at Extracurricular, co-curricular events and sports activities at the Institute and outside the Institute.

**Functions:**

- Provides platform to the students for showcasing their hidden talents through extracurricular and co-curricular activities
- Inculcates spirit of teamwork and leadership through extracurricular and sports activities
- Motivates students for outside participation
- Motivates students to become socially responsible citizens

Student Welfare - Overall Co-ordinator – Dr. Bhoomika M. Patel

Rostrum Co-ordinator - Dr. Bhoomika M. Patel

Sports Co-ordinator - Dr. Mohit Shah

Foundation Day Co-ordinator - Ms. Palak K. Parikh

Student Participation outside institute Co-ordinator- Ms. Palak K. Parikh

NIRMAQUEST Co-ordinator- Dr. Vivek Vyas

Euphoria Co-ordinator - Dr. Dipal Gandhi

Social Extension Activities Co-ordinator - Dr. Mohit Shah

## 5. FACULTY & DEPARTMENTS AT THE INSTITUTE

**Prof. Manjunath Ghate**  
**(Director & HOD, Pharmaceutical Analysis)**  
**M.Pharm. (Pharmaceutical Chemistry), Ph.D.**

Prof. Manjunath Ghate is the Director & Dean, Faculty of Pharmacy, Nirma University. He has 21 years of teaching and research experience. His Ph.D is from Karnataka University, Dharward. He has also done Postdoctoral Research in National Dong Hwa University, Hualein, Taiwan and Changwon National University, Changwon, South Korea. He received travel grant from DST, AICTE for presenting paper in USA, Canada, Germany. He has collaborated with Prof. Illiyan Ivanov, Dean of Chemistry plovdiv University, Bulgeria on Ido-bulgarian collaborative project. He received Best M.Pharm. Thesis by Shri Rajanibhai Foundation organized by Troikaa pharmaceuticals. He is life member of APTI, IPA, ISTE, ISCB, Indian Chemical Society, Research Society of India etc. He received extramural Research grant from SERB-DST of Rs. 34 lacks and FIST of Rs. 55 lacks from DST.

**Prof.(Dr.) Bhaswat S. Chakraborty**  
**(Emeritus Professor)**  
**B.Pharm. (Hons.) Ph.D.**

Prof. (Dr.) Bhaswat S. Chakraborty graduated with a B.Pharm. (Hons.) from Banaras Hindu University and a PhD in Pharmacology from University of Saskatchewan, Saskatoon, Canada. Currently he is Professor Emeritus at Institute of Pharmacy, Nirma University. Before this, Dr. Chakraborty was Senior VP & Chair of R&D of Cadila Pharma and President of Foresee Consultants, Toronto. Prior to that he was Director of Biopharmaceutics at Biovail International, Toronto. During 1989-1997, he was a Senior Clinical Reviewer and Acting Department Head at Government of Canada (Canadian FDA) in Ottawa. He has served at various other important academic, industry & government positions in Canada and USA. Recipient of many honors and grants, Prof. Chakraborty has 120 scientific papers (62 full length articles and 48 abstracts) in refereed international journals and has supervised and/or reviewed >1200 projects of bioequivalence and clinical trials. He has also many publications and interviews in non-refereed journals.



## Department of Pharmaceutics

Department of Pharmaceutics is among the five departments within the Institute of Pharmacy at Nirma University. This multidisciplinary science is associated with the development, production and characterization of dosage forms/drug delivery as well as the disposition and action of drugs in the body.

### Laboratories

The Department of Pharmaceutics has state-of-the-art facilities which are as per the evolving needs of the pharmacy profession i.e. the pharmaceutical and health care industry. The students acquire skills from the basic principles of pharmaceutics up to gaining knowledge on novel drug delivery systems. The department has well designed and equipped laboratories where the students have hands on training for undergraduate, post graduate and Ph.D. research.

The laboratories are well equipped with various sophisticated machinery required for imparting knowledge to the students regarding various formulations, processing and testing equipment used in the manufacturing of pharmaceutical dosage forms like tablets, capsules, liquids, semi-solids, parenterals and novel drug delivery systems like osmotic, colon targeted, gastroretentive, buccal, transdermal, nasal, nanoparticulate etc. . The laboratories provide the students with facilities and training for the formulation, design and development of the various dosage forms. The important equipments in the department include:

High Pressure Homogenizer	High-speed refrigerated centrifuge, Microcentrifuge
Particle size analyzer	BOD incubators
Cascade Impactor	Laminar Air flow units
Rotary tablet machine	Orbital Shaker incubators
Spray drier	Electrophoresis units
Texture analyzer	Reynolds' Apparatus
Freeze drier (Lyophilizer)	Ultrasonifier probe & bath
Fluidized bed processor	Projection microscope
Automated dissolution apparatus	Vacuum oven
Extruder & Spheronizer	Rotary vacuum evaporator
Multi-unit Diffusion cell assembly	Lab-scale tray drier
Powder flow tester	Tablet evaluation equipment
Dehumidifier	Ampoule filling & sealing machine
Iontophoresis unit	Capsule filling machines
Brookfield rotational viscometer	Ointment filling machine
Digital tablet hardness tester	Tube sealing & crimping machine
Digital tensiometer	Dehumidifier
Lab scale multi-purpose equipment for various	Powder flow test
Unit operations and formulation processes	Humidity oven

## Curriculum

### Undergraduate Programme

technology, with emphasis on the major interrelated areas. The department deals with the theoretical as well as practical knowledge of the following modules of courses that a student needs to acquire: Industrial Pharmacy, Bio-Pharmaceutics and Pharmacokinetics, Physical Pharmacy and Pharmaceutical Dispensing. The department curriculum consists of courses involving both basic and advanced pharmaceutical sciences. The department also caters to the need of the students for newer subjects like Bio-pharmaceutics where the basic concepts of ADME and fundamentals of bioavailability and bioequivalence are taught to the students. Students are also trained on the basic concepts associated with the novel dosage form at the undergraduate level, which is the need of the pharma industry. The department also has aseptic laboratory meeting class 10,000 standards with unique instruments like Laminar air flow unit, membrane filtration assembly, BOD incubator, autoclave, hot air oven, refrigerated centrifuge, electrophoresis unit, Incubator Shaker etc. to name a few.

### Post Graduate Programme

The department provides a programme in post graduate education in "Pharmaceutics" focusing on research and coursework relating to the development, production and characterization of dosage forms, as well as the disposition and action of drugs in the body. The department works towards promoting a strong multidisciplinary, team-based approach to drug delivery, embracing a variety of activities in the broad area of drug formulation and delivery. Major areas of emphasis include physical and applied pharmaceutics, drug disposition and dynamics, and drug delivery. The department works towards research in the following areas: Formulation optimization & characterization of solid, liquid and semi-solid dosage forms, Novel Drug Delivery Systems including Buccal, Osmotic, Gastro Retentive, Vaginal, Colon Targeted, Microsphere, Immediate Release Formulations, Nanotechnology, Medicated Chewing Gum, Multi-Unit Pellet Systems, Ocular Delivery, Novel formulations for surgical site, Transdermal Delivery etc.

### Research Activities

The faculty members and the students at the department participate in research to formulate new medications. The department has been associated academically and professionally active faculty members. We, at the Department of Pharmaceutics, work towards making scholarly contributions to the discipline of pharmaceutical sciences and related fields. Many students registered for Ph.D. Programme in the Department of Pharmaceutics are receiving research fellowships from DST- Women Scientist Fellowship, INSPIRE-DST, CII, CSIR, Prime Minister's Fellowship as well as Nirma University. The Faculty members in the department are also actively involved in Minor Research Projects of GUJCOST, Major research project form ICMR and BRNS and have published three patents & filed one patent under Indian patent. The students and faculty have published many research papers and review articles in referred international and national journals. This includes peer reviewed International Journals like Expert Opinion on Drug Delivery, Drug Delivery Technology, Dissolution Technology, AAPS Pharmaceutical Sciences, Current Drug Delivery, Pharmaceutical Technology, PDA, etc.

The Department regularly organizes several events like Workshop on Modern Equipment's for Formulation Development, National Seminar on Recent trends in Injectable Drug Delivery Systems, Hands-on-Training for Modern Equipment's for Pharmaceutical Technology, National Seminar on Quality-by-Design (QbD) for Pharmaceutical Research. Seminar Cum Workshop on Particle Size engineering for Nano Drug Delivery Systems. The Faculty members and research. Students have received PharmaInnova Best Thesis award from

Rajanibhai Patel Foundation, best paper awards from APTI, IDMA etc. The Faculty members have presented several research works at various international conferences at USA, Malaysia, Singapore, UK, etc. The department is also involved in number of consultancy and testing work from the pharmaceutical industries and academic institutes. The collaborative research work with university of Australia is also initiated by the department. Research presentations have also been made by students and faculty at state, national and international level seminars and conferences. The post graduate students have won awards for their presentations. The research work presented is well appreciated by eminent scientist in the field. The students and faculty keep themselves updated by attending seminars and conferences on latest trends in pharmaceutical sciences. All faculty members are working in area of various drug delivery research. Research projects have typically involved in development of new drug products, novel dosage forms, the release of a drug from new dosage forms, pre-formulation investigation of new drug entities, and pharmacokinetics.

### Thrust Areas

- Formulation Development and Characterization of Novel, Targeted, Nano particulate & Microparticulate Drug Delivery System using QbD approach
- Dissolution Enhancement Techniques for Poorly Soluble APIs

### Faculty Profile

#### **Prof. (Dr). Tejal A. Mehta (Professor & HOD)**

#### **M. Pharm. (Pharmaceutics) Ph. D.**

Prof. Tejal Mehta has 20 years of teaching and research experience. She has done her Ph.D. from Saradar Patel University. She has published more than 60 research papers in journals of national & international repute. She has also presented several papers in national & international conferences. She is an author of a chapter in multi-authored book on Novel Drug Delivery Systems. She is recipient of the Best Paper Award 2004 granted by Association of Pharmaceutical Teacher's of India for publishing paper in Indian Journal of Pharmaceutical Education. She also received prize in the Rajnibhai V. Patel Best Thesis competition for M.Pharm programme supported by Department of Science & Technology in Guide category. She has also authored two books i.e. "Practical Manual of Pharmaceutical Engineering" and "Practical Manual of Pharmaceutical Dosage forms". Her area of research includes formulation development of conventional and various novel drug delivery systems

#### **Dr. Mayur M. Patel (Associate Professor),**

#### **M. Pharm. (Pharmaceutical Technology and Biopharmaceutics), Ph.D.**

Dr. Mayur Patel has 12 years of teaching experience. He has twenty seven International and National Publications with total impact factor of more than 60, total citations more than 800 and 'h' index of 13. He is a recipient of major research project from Nirma Univeristy worth Rs. 28,92,400/-. He is also recipient of minor research project of worth Rs. 4,00,000/- from Gujarat Council on Science and Technology (GUJCOST). He is reviewer for many high impact factors journals of publishers like PLOS One, Elsevier, Informa Healthcare Ltd., American Chemical Society (ACS), to name a few. He received second prize in EUDRAGIT® Award 2016 for publishing highly innovative paper at National Level. He has also written 02 book chapters in books published by International Publication House namely Encyclopedia of Pharmaceutical Science and Technology, Informa Healthcare Inc. UK and Lipid Nanocarriers for Drug Targeting, Elsevier B.V. He is a recognized PG and Ph.D. guide at Nirma University.

**Dr. Shital Butani (Associate Professor)****M. Pharm. (Pharmaceutics), Ph.D.**

Dr. Shital Butani has 16 years of experience in teaching, industry and research. She worked as Sr. Research Scientist at F&D for regulatory market (ANDA filling) in Cadila HealthCare Pvt. Ltd., Ahmedabad. She received 'Project Excellence' award for one of the formulation during her tenure in Cadila. She has published 30 papers and presented 35 papers in various national and international seminars. She played volleyball upto national level during her schooling. She is recognized post graduate faculty and Ph. D. Guide at Institute of Pharmacy, Nirma University. She has guided twenty M. Pharm students, 2 Ph D. students and currently guiding two M. Pharm and six Ph. D. students. She has received best paper award (Pharmaceutics) from IDMA. She has received minor research grant (3,60,000) from GUJCOST and travel grant from DST for attending conference at Lisbon, Portugal. She is felicitated in year 2014 and 2015 during foundation day at Nirma University. Her area of research includes solubility enhancement, pulmonary drug delivery systems, controlled release formulations and nanoparticulate drug delivery systems.

**Dr. Jigar Shah (Assistant Professor)****Ph.D., M. Pharm. (Pharmaceutics – Gold medalist), MBA (Operations Management)**

Dr. Jigar Shah has 13 years of teaching and 8 months of industrial experience. He is author and co-author of around 65 research and review papers presented at International and National conferences including International conferences at Washington DC, USA (2011), and at Vancouver, Canada (2016), with travel grants received from Indian Govt. Agencies like DST and ICMR respectively. He received "Best Presentation Award" at International conference in Canada. He published 25 research and review papers in high impact factor Journals. He written two book chapters, one on "Physicochemical characterization dependent toxicity of nanoparticles" in the book published by CRC Press, USA and second on "Delivery of biomolecules to the central nervous system using polysaccharide nanocomposite" in the book published by Taylor and Francis group. He successfully completed research project sponsored by GUJCOST worth Rs. 7 lakhs and received other research grants from Nirma University. He is recognized Ph.D., PG Guide at Nirma University. His area of interest is Novel drug delivery systems. He is academic editor and reviewer of the various reputed International Journals of Elsevier and Wiley. He is felicitated three times for "Outstanding Performance" for the year 2012, 2014 and 2017 during foundation day at Nirma University. He is the member in various international and national pharmacy societies like AAPS, CRS, IPA, APTI, ISTE, IPGA.

**Dr. Dhaivat Parikh (Assistant Professor)****M. Pharm. (Pharmaceutics & Pharmaceutical Technology), Ph.D.**

Dr. Dhaivat Parikh has more than 12 years of experience. He has been awarded as 'Best Assistant Professor' of Institute for Innovation in Teaching Methodologies in year 2015. He has Seven International publications (two in Expert Opinion on Drug Delivery – High impact factor journal). He has been awarded with 'Outstanding Faculty Award' for contribution for website development. He is recipient of "Best Paper Award" at 6th Indo-Japanese Symposium in 2016; as well as 'Merit Award' at International symposium of CRS-IC in 2011. He has presented research work abroad like PharmaTech-2012 at Kuala Lumpur, Malaysia and APSGB's PharmSci 2014 at UK. He is an Editorial Team member of NUJPS Journal, Vice President of IPNUAA (Alumni Association) & Faculty Advisor of NIPSA (Students' Association). He is a life member of Professional bodies like APTI, IPA, ISTE, IPGA, IHPA, APA, SPDS, APP, etc. His major area of interest is Novel Drug Delivery Systems.



**Dr. Mohit Shah (Assistant Professor)****M. Pharm. (Pharmaceutics & Pharmaceutical Technology), Ph.D.**

Dr. Mohit Shah has more than 9 years of teaching, research and industrial experience. He has completed M. Pharm and PhD from Institute of Pharmacy, Nirma University. He is proficient at analyzing and interpreting patent literature and technical data, preparing patent landscape and performing Non infringement and FTO Analysis. He has 3 patent applications and 4 International Publications to his credit. He has been an author and co-author of 7 papers/posters presented at state and national level seminars and conferences. He is a recipient of Best Student award for M. Pharm program. He has attended 16 International and National level conferences and workshops. His area of interest is Novel Drug Delivery Systems.

## Department of Pharmaceutical Chemistry

Department of Pharmaceutical Chemistry, one of the five departments within the Institute of Pharmacy at Nirma University, is an integral part of pharmacy education programme. It covers several aspects of new drug discovery with respect to in silico design, synthesis, characterization and biological evaluation of novel NCEs along with its development in collaboration with the other four departments of the Institute.

### Infrastructure

The Department of Pharmaceutical Chemistry has state-of-the-art facilities to cater the needs of the pharmacy profession in designing novel NCEs. Department of Pharmaceutical Chemistry has two postgraduate and two undergraduate laboratories. The laboratories are designed and equipped with several advanced facilities including central ventilation system and very sophisticated fume hoods attached with nitrogen, vacuum and water supply. Emergency shower rooms are provided in each laboratory with a special focus on the safety of the workforce. The laboratories are spacious and ventilated having adequate space for undergraduate, postgraduate and doctoral students to carry out experimental work smoothly.

In the research laboratory, we have various instruments essential for routine smooth conduct of the experiments like Precision Digital Balance, Multimagnetic Stirrer, Rotamantle, Constant Temperature Water-bath, Ultrasonicator, Digital Mechanical Stirrers, Ice making Machine, High Speed Centrifuge and Hot Air Oven. Advanced instruments to facilitate the research work include:

Microwave Synthesizer	UV-near IR spectrophotometer
Microwave Oven	Raman Spectrophotometer
Fourier Transform Infra-red (IR)	Rotary Vacuum Evaporator
Spectrophotometer	Precision Melting Point Apparatus
IR-Microscope	Cryogenic Bath
High Pressure Liquid Chromatography	Software for Modeling, Drug Design, Molecular Modeling
Flash Chromatography (MPLC)	GROMACS 5.0 with LINUX Workstation
Gel Electrophoresis	GOLD Suit Software
Digital Polorimeter	

## Curriculum

### Undergraduate Programme

The department is involved in teaching and training in all areas of Pharmaceutical Chemistry, with emphasis on the major interrelated areas. The subjects covered, as a part of undergraduate teaching, are Pharmaceutical Inorganic Chemistry, Pharmaceutical Organic Chemistry, Biochemistry and Medicinal Chemistry including CADD approach. Pharmaceutical Inorganic Chemistry deals with study of impurities, inorganic drug molecules for the treatment of several disease conditions and nuclear chemistry deals with radio activity and its measurement, study of radio isotopes, storage conditions, precautions & pharmaceutical application of radioactive substances. Pharmaceutical Organic Chemistry forms the basis of medicinal chemistry and it includes the fundamental chemistry of the various functional groups as well as stereochemistry and the chemistry of heterocyclic molecules. Biochemistry deals with complete understanding of the molecular levels of the chemical process associated with living cells. It is also emphasizing on genetic organization of mammalian genome and hetero & autocatalytic functions of DNA. Medicinal Chemistry deals with different sources of drugs, mechanism of action, synthetic route and pharmacokinetic properties of present day drugs. It also covers combinatorial chemistry and computational chemistry which includes the theoretical aspects of drug designing, i.e. 2D and 3DQSAR, molecular modeling, docking studies and virtual screening.

### Post Graduate Programme

The department is extensively involved in post graduate programme in 'Pharmaceutical Chemistry'. This includes teaching with research oriented subjects like Modern Pharmaceutical Analytical Techniques, Advanced Organic Chemistry, Advanced Medicinal Chemistry, Chemistry of Natural Products, Advanced Spectral Analysis, Computer Aided Drug Design, and Pharmaceutical Process Chemistry. Extensive use of modern audio-visual teaching aids and molecular models make the lessons interesting and student centric. Students are also encouraged to undertake elaborate literature search in the preparation of for seminars on the topics assigned to them.

### Research Activities

We have students registered for Masters in Pharmaceutical Chemistry as well as Doctoral studies. Even the faculty members are engaged in research for their Doctoral degrees. In the future, the department is planning to extend its wings extensively in the areas of computational chemistry, green chemistry, microwave assisted organic synthesis & solid phase synthesis by registering several postgraduate and doctorate students from various parts of the country. Department faculty member has received Major Research Project, as Principal Investigator, of Rs. 34 lakh from DST, Govt. of India for Liquid Phase Combinatorial Synthesis. Faculty members of the department are also working on Minor Research Projects of more than Rs. 10 lakh from GUJCOST. The department has published several papers in International Journals of repute like European Journal of Medicinal Chemistry, PLoS, RSC Advances, Bioorganic and Medicinal Chemistry Letters, Medicinal Chemistry Research, Bioorganic Chemistry, Medicinal Research Reviews, Mini Reviews in Medicinal Chemistry, etc. Faculty members of the department also published three patents with Indian patent office. Faculty members of the department have Google scholar H-index of more than 50 and citation index of more than 2500. The department regularly organizes several National seminars like Recent Advances in Drug Discovery, Hands on Training in Drug Discovery Software, Workshop on Interpretation of Spectral Data, etc. Several students have registered for Ph.D degree in the department of Pharmaceutical Chemistry and are getting fellowship from INSPIREDST, CSIR, ICMR as well as from Nirma University. Faculty members and students of the department are actively engaged in research presentations at state, national and international

level seminars and conferences. The research works presented are well appreciated by eminent scientist and had received various prizes.

### **Thrust Areas**

- Design and Synthesis of NCEs for Infectious Diseases, Cancer and Diabetes.

### **Faculty Profile**

#### **Dr. Hardik G. Bhatt (Associate Professor & HOD)**

##### **Ph.D, M. Pharm. (Gold Medalist)**

Dr. Hardik G. Bhatt is working as Associate Professor and Head in Dept. of Pharmaceutical Chemistry. He is recipient of GOLD MEDAL for standing FIRST in M.Pharm in Dept. of Pharmaceutical Chemistry and has 14 years of teaching & research experiences. Dr. Bhatt has published 25 research and review articles in International and National journals of repute and published 3 editions of book entitled "Practicals in Organic and Medicinal Chemistry" and 1 edition of book entitled "Practicals in Pharmaceutical Analysis I". He is working as co-PI on GSBTM sponsored project and on GUJCOST sponsored project. Dr. Bhatt had presented research papers at various international and national conferences/seminars including 245 ACS Meeting and 2009 AAPS Meeting at USA; ISCBC-2013 to 2017; IPC, etc. His areas of research are synthesis of novel heterocyclic ring systems through microwave-irradiation and their evaluation as potent therapeutic agents, Drug Design, QSAR and Molecular Modeling, etc

#### **Dr. Jignasa Savjani (Assistant Professor)**

##### **M. Pharm. (Pharmaceutical Chemistry), Ph.D**

Dr. Jignasa K. Savjani working as an assistant professor since 2007. She has 15 years of teaching experience. She published research and review articles in internationally repute journals. She received financial assistance from CSIR to attend and present research work at 16th Annual Green Chemistry and Engineering Conference held at Washington DC, USA, in June 2012. She has received financial assistance from CSIR and Sybyl X, Tripos for conducting a CSIR sponsored workshop on "Hands on Training on Software Related to Computer Aided Drug Design" at Institute of Pharmacy, Nirma University in the year 2013. She delivered various guest lectures on topics related to Pharmaceutical Chemistry. She received research grant worth rupees 3.5 lacs from GUCOST for minor research project. In recent year she focused on the Computational drug design of anti-tubercular agents, Co-crystal chemistry and synthesis of small molecules. She filed two patents which was published in the official journal of Indian patent office.

#### **Dr. Bhumika D. Patel, (Assistant Professor)**

##### **Ph.D, M. Pharm. (Pharmaceutical Chemistry)**

Dr. Bhumika D. Patel is working as Assistant professor in Department of Pharmaceutical Chemistry. She has 10 year and 10 months of teaching experience and 8 years of research experience. She is a recognized Ph.D. guide under Nirma University. She has attended many national and international level seminars and conferences. She has 14 international publications and 20 presentations in her credit. She has completed total 3 minor research projects worth Rs. 6.6 lakh. She has guided 9 PG students as co-guide and her area of research includes design and synthesis of different heterocycles under various therapeutic classes like diabetes, cancer, HIV etc. She has a sound knowledge of drug designing software like Sybyl, Discovery Studio, Gold, Schrodinger etc. She is a life member of APTI, IPA, ISCB (Indian Society of Chemists and Biologists), RSSDI etc.

**Dr. Vivek Vyas, (Assistant Professor)****M. Pharm (Pharmaceutical and Medicinal Chemistry) Ph.D**

Dr. Vivek Vyas is working as Assistant Professor in Department of Pharmaceutical Chemistry. He has more than 10 years of teaching and research experiences. He has published 35 research and review articles in National and International journals of repute. He is a reviewer of the international journals (JMC, RSC, ACS, BMCL, CADD, SAQE, MCR, AJC, IJC B etc.). He is working on 2 year minor research project grant of Rs. 6,55,000/- from GUJCOST in the year 2015. He had presented research papers at various national and international conferences and seminars i. Overall he has 20 presentations to his credit. His areas of research are Computer Aided Drug Design (CADD), Molecular Modeling, QSAR, Pharmacophore Mapping and Synthesis of novel heterocyclic ring systems as Anticancer and Antihypertensive agents.

**Ms. Palak K. Parikh (Assistant Professor)****M. Pharm (Pharmaceutical Chemistry)**

Ms. Palak K. Parikh is working as Assistant Professor in Department of Pharmaceutical Chemistry. She has 6 years and 9 months of teaching experience. She is the recipient of GOLD MEDAL for standing FIRST in M. Pharm in Pharmaceutical Chemistry Branch, Gujarat Technological University. She has attended various national and international level seminars, symposiums and conferences and presented posters at various national and international level seminars and conferences. She has published 8 papers in national and international journals. Currently, She is pursuing Ph. D under the guidance Prof. Manjunath Ghate, Director, Institute of Pharmacy, Nirma University. Her areas of research are Drug Design, QSAR Modelling and Synthesis of novel heterocycles as Anticancer Agents. She is a life member of APTI and ISTE (Indian Society for Technical Education).

## Department of Pharmaceutical Analysis

Department of Pharmaceutical Analysis is the backbone of the teaching as well as research in the pharmacy education programme since analysis of the raw material as well as the finished product is of prime importance for the safety and efficacy for human consumption.

### Infrastructure

Department of Pharmaceutical Analysis has advanced facilities, keeping in view the needs of the pharmacy profession and healthcare industry. The department has a research laboratory for postgraduate students and a sophisticated laboratory dedicated for PG students. The department also has undergraduate laboratory, and an undergraduate sophisticated research laboratory. All the laboratories of the department are well equipped with several advanced facilities including central ventilation system, sophisticated fume hoods, etc.

Both the sophisticated analytical laboratories well equipped with various modern instruments required for imparting knowledge to the students regarding the different types of methodology for research work. These are:

Raman spectrometer	Gas Chromatography
Super-Critical Fluid Extraction (SFE) / Chromatograph (SFC)	Dissolution test apparatus
Gradient High Performance Liquid	Automatic Potentiometric Titrator
Chromatography (HPLC) system with PDA detector	Photostability Chamber
Gradient HPLC with autosampler	Nitrogen Concentrator
High Performance Thin Layer Chromatography(HPTLC) system	UV-Visible-NIR spectrometer
Spectrofluorimeter	Digital flame photometer
Spectrophotofluorimeter	Ion analyzer
UV-Visible spectrometers	Digital precision balance
Undergraduate laboratory is equipped with instruments like:	
Karl-fischer titrator	Polarimeters
Potentiometers	Refractometer
Conductometers	Sophisticated hot air oven
Digital pH meters	Digital precision balance

## Curriculum

### Undergraduate Programme

The department is involved in teaching and training in areas of pharmaceutical analysis. The department deals with the theoretical as well as practical knowledge of the subject that a student needs to acquire in the current scenario of quality control and quality assurance of pharmaceutical substances. The subject includes an introduction to pharmacopoeias (I.P., B.P., U.S.P., and others) and different analytical methodology used in pharmacopoeias for the analysis of drug substances. The departmental curriculum consists of a core of courses involving both basic and advanced analytical techniques used in pharmaceutical industry. The department also gives the knowledge on the advances in instrumentation techniques like LCMS, GC-MS, <sup>13</sup>C NMR, X ray diffraction to the students.

### Post Graduate programme in Pharmaceutical Analysis

The department provides an exhaustive programme for post graduate education focused on research and coursework relating to most recent advances in pharmaceutical and biomedical analysis. More emphasis is laid on different analytical methods reported in Pharmacopoeias and various renowned research journals. It also incorporates study of different fields including clinical analysis, forensic analysis, bio-equivalence studies, trace analysis of metals and analysis of food etc. The course is designed to give equal weightage on theoretical and practical aspects of recent advances in analytical techniques for raw materials, finished products, cosmetics, forensic, and clinical analysis. Importance of quality assurance in pharmaceutical field is also emphasized.

### Post Graduate programme in Regulatory Affairs

The regulatory affair is an important area of knowledge about regulations mandated by the government agencies to protect public health, by controlling the safety and efficacy of products in areas including pharmaceuticals, veterinary medicines, medical devices, pesticides, agrochemicals, cosmetics and complementary medicines. A regulatory affair is becoming increasingly influential in the overall drug development process and is increasingly populated by highly trained scientists and medical professionals.

The subject offers an explanatory overview of the regulatory process, and the key regulatory documents produced during the process of manufacturing or clinical studies. The subject deals with exhaustive knowledge of regulatory agencies of different countries like USA, UK, Brazil, Australia, Japan etc. along with India. The course also focuses on the documentation of data and pharmacovigilance concepts of clinical studies.

### Research Activities

The department has been associated with academically and professionally active research personnel. The faculty has published many research papers, review articles in referred international and national journals. Research presentations have also been made by faculty and students at state, national and international level seminars and conferences. They also won prizes at different level competitions. The department has received research projects from various government agencies and pharmaceutical industries. The faculties at the department are working for their Ph.D. research projects or recognized Ph.D. Guide of Nirma University.

Number of students are registered for full time Ph.D degree in the department of Pharmaceutical Analysis. Ph.D students have got fellowship from CSIR, DST, DST-Inspired and Nirma University as well as travel grant from DST. Department has received two Minor Research Project of Rs. 8.0 lakh from GUJCOST. Department also received Inter-disciplinary Major Research Project of 42.12 lakh from AYUSH and Collaborative Research Project of 16.0 lakh from SAC ISRO. The department has published several papers in International Journals like Trends in Analytical Chemistry, Journal of Pharmaceutical and Biomedical Analysis, Journal of AOAC, Analytical Chemistry, Planar Chromatography, Current Pharmaceutical Analysis, Liquid chromatography and related Technology, Current Drug Delivery, Current Analytical Chemistry etc. Faculty members have also applied for two patents in India. At every two years, Department organizes hands on training workshop on sophisticated Analytical Instruments for post graduate students and Industry people.

### Thrust Area

- Drug degradation behaviors and impurity profiling
- Standardization of herbal drug and their formulations for cancer & metabolic disorders

### Faculty Profile

#### Dr. Priti J Mehta (Professor)

#### M. Pharm. (Pharmaceutical Analysis), Ph. D.

Dr Priti Mehta has 16 years of teaching and research experience and 2 years of industrial experience. She is a recipient of M L Khurana award for the best research paper in Pharmaceutical Analysis. She is also recipient of National level R V Patel best M Pharm thesis award of guide category in Quality assurance, 2012. She is also recipient of P D Sethi award for published research paper in area of Pharmaceutical Analysis for consecutive two times. She has presented research paper various national and international conferences. Dr. Mehta has delivered guest lectures at various Institutions and during seminars, workshops and staff development programmes. She is principal investigator for two interdisciplinary research projects funded by Ministry of AYUSH and Indian Space Research organization (ISRO) worth of Rs 58 lacs. Under her able guidance, Ph D students received various fellowship like Women Scientist (WOS-A), DSIR, INSPIRE fellowship etc. She is a life member of various professional societies like APTI, IPGA, IPA, etc.

#### Dr. Charmy S. Kothari (Associate Professor)

#### M. Pharm. (Quality Assurance), Ph. D.

Dr. Charmy S. Kothari has 13 years of teaching and research experience. She has 29 researches papers and review articles published in reputed Indian and International journals. She has published a research paper in



high impact journal Trends in Analytical Chemistry (IF=7.487). She has presented various posters and a paper at international and national conferences like APA, NCIP, NIPiCON, DDNPTM etc and received several awards. She received a minor research grants from and GUJCOST worth Rs. 5,00,000/-. She is working as Co-PI for the minor research project from GUJCOST and major interdisciplinary research project from ICMR. Her research areas of interest are analytical and bioanalytical method development, validation and stability studies, impurity profiling and Isolation, identification and characterization of marker compounds from plants and formulations. Also focusing on the regulatory guidelines, registration procedures, evaluation and approval procedures of various regulatory agencies worldwide.

**Dr. Nrupesh Patel (Assistant Professor)**

**Ph.D., M. Pharm. (Pharmaceutical Analysis)**

Dr. Nrupesh has 12 years of teaching experience. He is the recipient of GOLD MEDALS for standing FIRST in the department of pharmaceutical analysis, and as a BEST STUDENT in department of pharmaceutical analysis, Institute of Pharmacy, Nirma University in the year 2006. He has presented various posters and a paper at national and state level conferences and competitions like GUJCOST-2004, ISAS-2005, NIPiCON etc. He has published 11 papers in reputed international journals with impact factor. His areas of research are Spectroscopic and Chromatographic Analytical method development and validation of analytical methods. He is a life member of professional bodies like ISTE, APTI & IPA.



## Department of Pharmacology

Pharmacology is a unique and dynamic branch of pharmacy, since it involves the understanding of how a drug deals with the human body and how the human body responds to the drug. The department offers a post-graduate programme in Pharmacology which focuses on research and coursework related to advanced systemic pharmacology, screening and evaluation of drugs, development of new models for screening of various drugs etc. the department also imparts knowledge in the area of clinical research, medical writing and pharmacovigilance and related aspects. During the course, subject seminar is delivered by the student, where the student carries out an extensive literature search on a particular topic, prepare and deliver presentations under the guidance of the faculty. The students are motivated for overall development including-personality development, scientific writing, data interpretation, presentation, documentation, good laboratory practices, communication and soft skills. Alumni students of the department are placed in research and development, medical writing, CRO's and reputed academic institutions.



## Infrastructure

The understanding of the effect of the drugs requires the use of various animals for which the Institute has animal house facilities approved by CPCSEA and houses animals like rats, mice, guinea pigs and rabbits. Pharmacology practicals include several in vitro and in vivo experiments related to autonomic nervous system, central nervous system, gastrointestinal system, cardiovascular system etc. together with the anatomy and physiology practicals which help in developing basic understanding of the subject. The basic instruments used for the above experiments are:

Gradient Thermal Cycler Polymerase Chain Reaction	Convulsiometer
High Speed Refrigerated Centrifuge	Analgesiometer
Vertical gel electrophoresis Unit	Cook's pole climbing apparatus
Western blot apparatus.	Photoactometer
Gel Documentation system	Elevated Plus Maze
Horizontal gel electrophoresis Unit	Radial Maze
Inverted Microscope	Water Maze
ELISA Reader and Washer	Light and Dark model
Data Acquisition System for measurement of cardiovascular and Respiratory Parameters	Langendorff's Assembly
Semi-automated Biochemical Auto Analyzer	Bacteriological incubator
Multiple channel Student's Physiographs with a number of attachments	Haemato analyser
Digital Plethysmometer	Automated recording drums and levers
Deep Freeze	Rota Rod Apparatus

## Curriculum

### Undergraduate Programme

The department is involved in teaching and training in areas of Pharmacology. The department deals with the theoretical as well as practical knowledge of the subject. The subjects include study of anatomy and physiology, pathophysiology, pharmacology, toxicology, clinical pharmacy and pharmacotherapeutics. The departmental curriculum consists of study of mechanism of action, pharmacological action, and adverse drug reactions of different drug substances. The department also gives the knowledge on basic and advanced analytical techniques used in pharmaceutical industry.

### Postgraduate Programme

#### M. Pharm in Pharmacology

The department is extensively involved in postgraduate teaching with research oriented courses like Advanced Pharmacology, Pharmacometrics (Pharmacological and toxicological screening methods), Cellular and Molecular Pharmacology, Principles of Drug Discovery, Clinical Research and Pharmacovigilance etc. The course is designed to give equal weightage on theoretical and practical aspects of recent advances in pharmacology. The programme allows to specialize according to the scientific and professional interests of the student. A masters in Pharmacology will focus on the process of new drug discovery. The objective of programme is to provide in-depth research experience in a specific area of pharmacology in order to develop

individuals capable of independent research and scholarly activity in industry, government or academia. Department has collaborations with research institutes, industries and other basic science departments where students can participate in interdisciplinary research projects that are relevant to pharmacology. The research project aims to provide the student with the opportunity to carry out research in areas of pharmacological science, facilitate critical examination of pharmacological approaches and analyses/techniques used in research and produce a comprehensive dissertation and present their findings at various national and international conferences.

## Research Activities

The department has academically and professionally active faculty members. The department is actively involved in research. The department has received grants worth more than one crore rupees including four major and five minor research grants from Department of Science and Technology (DST), Gujarat state Biotechnology mission (GSBTM), Indian Council of Medical Research (ICMR) and Gujarat Council of Science and Technology (GUJCOST). The faculty members have published many research papers, review articles in referred international and national journals and have filed patents in Indian Patent Office. Research presentations have also been made by faculty and students at state, national and international level seminars and conferences. They also won prizes at different level competitions. Faculty members are also involved in consultancy projects of various industries, hospitals and research institutes. The department has also developed expertise in surgical models like partial abdominal aortic constriction for cardiac hypertrophy, middle cerebral artery occlusion for stroke, surgical model for Alzheimer's disease induction, ovariectomy model for osteoporosis, lymphatic duct cannulation for pharmacokinetic study etc. The department has received several consultancy projects from various government agencies and pharmaceutical industries. The faculty members at the department are recognized Ph.D. Guide of Nirma University.

The department of pharmacology offers comprehensive facilities for research and is well equipped for postgraduate training. For Ph.D. programme, research scholarships are awarded on a competitive basis and are supported by University schemes. The students registered for Ph.D. programme in the department have received INSPIRE fellowship and Junior Research fellowship from DST, GSBTM, ICMR. In addition to these funding opportunities, the department also offers industry sponsored projects. The department regularly organizes national seminars, refresher courses and workshops like preclinical animal models and drug evaluation techniques, pharmacovigilance and clinical trials, Medical writing etc.

## Thrust Area

New therapeutic targets for the treatment of cancer, neurodegenerative and metabolic disorders

## Faculty Profile

**Dr. Jigna Shah (Professor & HOD)**

**M. Pharm. (Pharmacology), Ph. D.**

Jigna Shah has 20 years of academic and research experience. She was awarded gold medal by Gujarat University for securing highest marks in Pharmacology subject in Final B. Pharm. She is a recipient of AICTE Research Promotion Scheme (RPS) grant of Rs. 14,50,000/- in the area of neuropsychopharmacology, AICTE MODROBS grant of Rs. 8,50,000/- in the year 2012-13. She has also received research grant around Rs. 10 lakhs for project in the area of neuropharmacology from GUJCOST. Recently she received a grant of Rs. 20,81,920/- from GSBTM in the area of neuropharmacology. She has also completed various consultancy projects from industry and received Dr. S. Vajpayee award. Her area of research interest is neuropharmacology, oncology and gastrointestinal pharmacology. She has published 35 research papers and

delivered guest lectures at one-day workshops and seminars and is reviewer to several journals. She is a life member of IPA, ISTE and IPS.

**Dr. Shital Panchal (Assistant Professor)**

**M. Pharm. (Pharmacology), Ph. D.**

Dr. Shital Panchal has more than 14 years of teaching and research experience. She has published more than 55 research and review articles in reputed journals, one national patent and one reference book. She worked as an editor and reviewer for books and journals. She has more than 55 presentations and has chaired scientific sessions at International conferences. Five students completed Ph.D. and more than 25 students completed M.Pharm. under her guidance. Her research areas of interest are clinical, epidemiology and pre-clinical studies, GI disorders, cancer, cerebrovascular complications, ocular and neuropharmacology, as well as lymphkinetic studies. She is a life member of professional bodies like ISTE, IPA, IPGA and IPS. She has served as consultant for pharmaceutical companies like Troikaa Pharmaceuticals Ltd., Intas Biopharmaceuticals Ltd, Emcure Pharmaceuticals, PHARMANZA Pvt. Ltd., etc. She has received 5,35,000/- research grant from GUJCOST, 1,00,000/- from Nirma University and 19,60,610/- from Indian Council of Medical Research.

**Dr. Snehal S Patel (Assistant Professor)**

**M. Pharm. (Pharmacology), Ph.D**

Dr. Snehal S Patel, has 17 years of teaching, industrial and research experience. She worked as research scientist at of Sunpharmaceutical Advanced Research Centre and worked as senior research fellow at Center for Advanced Cardiovascular and Diabetic Research at LMCP under AICTE. She has carried out consultancy projects worth more than Rs. 20,00,000/- for pharmaceutical, hospitals and allied industries. She has received Major research grant worth Rs. 24,75,000/- from DST under Fast Track scheme for Young Scientists and minor research grant worth RS 3,50,000/- from GUJCOST and RS 1,95,000/- from RSSDI. She is also co-investigator in major research project worth Rs. 42,12,250 from Ministry of AYUSH, Rs. 20,78,250 from Ministry of Atomic energy and five interdisciplinary research projects supported by GUJCOST worth Rs. 17,00,000. She has published 50 research and review articles, 1 book chapter and 2 books in international and national journals and publication houses of repute with total impact factor more than 70, 'h' index 11.

**Dr. Bhoomika M. Patel (Assistant Professor)**

**M. Pharm. (Pharmacology), Ph.D., D.P.M.M., D.P.Q.C.Q.A.M.**

Dr. Bhoomika M. Patel has 12.5 years of teaching experience. She was FIRST rank holder (GOLD MEDALIST) for SIX consecutive years of B.Pharm. and M.Pharm. She is a recipient of more than 31 awards. She has attended and presented papers at more than 60 conferences including at Japan, Gothenberg, Sweden and Singapore for which she has received travel grants from the AICTE, DST, CSIR and Nirma University worth more than Rs. 2,00,000/-. She has also received two minor research projects from Gujarat Council On Science and Technology (GUJCOST) and major research project from Science Engineering and Research Board (SERB) worth more than 50,00,000/- She is also co-investigator for three interdisciplinary research projects worth more than Rs. 35,00,000/-. She has published two book chapters, three books, 50 full length papers in journals with total impact factor more than 80, 'h' index 16 and total citations above 1100. She is a recognized PG and Ph.D. guide at Nirma University.

## Department of Pharmacognosy

The Department of Pharmacognosy is responsible for providing knowledge and information on topics such as production of pharmaceutical raw materials from natural sources, traditional medicines and chemical analysis and phytochemical screening of medicinal plants, medicinal plant biotechnology and phytotherapy etc. The department regularly organizes national seminars and workshops with the support of Government funding agencies like AICTE, ICMR & GUJCOST etc. The department has received Research Projects of more than 50 lakhs from DBT & GUJCOST. Department has been actively involved in offering consultancy services for many herbal and nutraceuticals companies.

### Infrastructure

The Pharmacognosy Laboratory is well equipped with high-resolution microscopes like Projecting microscope and digital microscope. Such microscopes help to raise quality of understanding histological studies of plant. The laboratory houses following instruments and facilities for carrying out interdisciplinary research in the field of Pharmacognosy and natural products.

HPTLC	Rotary Evaporator
UV Chamber	High Speed Homogenizer
UV Spectrophotometer	ELISA Plate Reader
Colorimeter	Freeze Dryer
Soxhlet Apparatus	Ultra Centrifuge
Extraction and Distillation Unit	Olympus Fluorescent Microscope
Shaker Water Bath	Stereotaxic Apparatus
Ultrasonic Water Bath	Microdialysis System
Magnetic Stirrers	

The department is also supported by an excellent medicinal plant garden "Nirma Herbal Wealth" covering a total area of 3556.50 sq. meters with more than 150 variety of species and more than 500 plants extending the scope to carry out research on medicinal plants.

### Curriculum

The principal education philosophy of the department has been to provide a sound professional training, consistent with the current scientific and technological background supported by practice through laboratory application in Pharmacognosy. The department deals with the theoretical as well as practical knowledge of the basic and advance courses that a student needs to acquire.

### Research Activities

The department is actively involved in research and having experienced and professionally active research personnels. The department of Pharmacognosy has received major research project grant of 45,56,000/- from Department of Biotechnology, New Delhi (DBT) and have also received two minor research projects worth of 8, 22,000/- from GUJCOST, Gandhinagar. The department is actively involved in providing consultancy on phytopharmacological evaluation of herbal drugs and their combinations and development of new formulations like anti-oxidant effervescent granules, herbal shampoos and other herbal cosmetics to

companies like Green Chem, Bangalore, Ayurlab Herbals, Vadodara, Troikaa Pharma, Ahmedabad, K. Patel Phyto Extractions Pvt. Ltd, Valsad, Divine Skin Care, Gandhinagar and Advance Research Laboratory, USA etc. Department has collaborations in terms of training and research with International brands like NIVEA (M/s Beiersdorf, Germany), as well as many domestic cosmetic companies like Brillare Science Pvt. Ltd. The faculty members have published many research papers, review articles in referred international and national journals and have filed patents in Indian Patent Office. Research presentations have also been made by faculty and students at state, national and international level seminars and conferences and won prizes at different level competitions. The faculty and the students at the department participate in research to design physical parameter for organized and unorganized drugs, their standardization using different techniques like HPTLC, UV, IR, AAS, Mass, SFE (Super critical fluid extraction) etc. Several students are pursuing their Ph.D. under the guidance of the able faculties in the department. Student are receiving research fellowships from INSPIRE-DST, WOS-A, DBT and CII. The department regularly organizes national seminars and workshops on the emerging areas of herbal drug developments, nutraceuticals, herbal cosmetics and standardization of herbal drugs.

### Thrust Areas

- Phytopharmacological Evaluation of Herbal Drugs and characterization of bioactives for Neurological Disorders, Cancer and Wound healing.
- Formulation, Development and evaluation of Nutraceuticals and Herbal Cosmetics and nanotechnological based products for targeted delivery of natural bioactives.

### Faculty Profile

#### **Dr. Niyati S. Acharya (Assistant Professor & HOD)**

#### **M. Pharm (Pharmacognosy), Ph. D**

Dr. Niyati Acharya has 15 years of experience in teaching and research in the field of Pharmacognosy, phytochemistry and herbal and natural product research. She is a recipient of Dr. P.D. Sethi's research paper award 2006 on application of analytical techniques and standardization of herbal drugs and best paper award at International symposium on Cancer research at GCRI. She has more than 25 research papers, 1 book chapter published and 75 posters at various national and international levels to her credit. She has filed 1 patent and working on research projects of more than 50 lacs. She is a recognized PG/Ph.D guide and guided 15 PG students and guiding 6 Ph. D students at Nirma University. She is member of various professional bodies like ISP, IPA, ISTE, Society of Ethnopharmacology. She has been working as an editorial member and reviewer for many journals of Elsevier, Taylor and Francis and Willey. Research area of her interest include phytopharmacology based investigations, analysis of unexplored natural drugs and herbal cosmetics and formulations, characterization of biomarkers from medicinal plants and development of formulations for the management of wounds, obesity, liver disorders and neurodegenerative disorders.

#### **Dr. Nagja Tripathi (Assistant Professor)**

#### **M. Pharm. (Pharmacognosy), Ph.D.**

Dr. Nagja Tripathi has about 15 years of experience which includes 10½ years of teaching experience and 4½ years of industrial experience. She has worked in various departments like Quality Assurance, Formulation Development and Quality Control departments of reputed pharmaceutical companies like Cipla and Sanofi

Aventis. She has attended various seminars and workshops and has presented several scientific posters in various national and international conferences. She has completed two minor research projects from NERF related to development and standardization of polyherbal formulation for type 2 diabetes. She is an approved PG teacher of Nirma University and is a life member of professional bodies like APTI (Association of Pharmaceutical Teachers of India), Society of Pharmacognosy and Indian Society of Technical Education (ISTE). Her area of research interest is phytopharmacological screening of herbal drugs, development of herbal formulations and their standardization.

**Dr. Dipal Gandhi (Assistant Professor)**

**M. Pharm. (Pharmacognosy), Ph.D**

Dr. Dipal Gandhi is working as an Assistant Professor in Department of Pharmacognosy. She has Dr. Dipal Gandhi has 10 years of experience in teaching and research in the field of Pharmacognosy, phytochemistry and natural product research. She has completed her B. Pharm and M. Pharm from Gujarat University and Ph. D from Nirma University. She has also worked as senior research fellow with B. V. Patel PERD research centre. She has also taken training in reputed pharmaceutical industry. She has filed one patent specification and also published no. of papers in national and international journals. She has attended many national and international level conferences, QIP, FDP, STTP and presented several posters in many national and an International conferences. She has completed two minor research projects from NERF based on anticancer herbal phytoconstituents. She is a life member of professional bodies like Association of Pharmaceutical Teachers of India (APTI), Indian Pharmaceutical Association (IPA), Indian Society of Pharmacognosy (ISP), ISTE. Her area of interest is mainly in phytochemical investigation, quality control and standardization of herbal drugs.

## 6. MANAGEMENT AND STAFF

<b>1. University Management</b>	
<b>Name</b>	<b>Designation</b>
Dr. Karsanbhai K. Patel	President, NU
Shri K. K. Patel	Vice President, NU
Dr. Anup Singh	Director General, NU
Shri D. P. Chhaya	Hon. Advisor (Academic & General Administration), NU
Shri G. R. Nair	Executive Registrar, NU
Prof. Dhaval Pujara	Dean, Faculty of Doctoral Studies and Research (FDSR), NU
Prof. Alka Mahajan	Dean, Faculty of Technology Director, Institute of Technology
Prof. Mallikarjun M	Dean, Faculty of Management Director, Institute of Management
Prof. Manjunath Ghate	Dean, Faculty of Pharmacy Director, Institute of Pharmacy
Prof. Sarat Dalai	Dean, Faculty of Science Director, Institute of Science
Prof. Purvi Pokhariyal	Dean, Faculty of Law Director, Institute of Law
Prof. Utpal Sharma	Dean, Faculty of Architecture & Planning Director, Institute of Architecture & Planning
Prof. Udai Paliwal	I/c Dean, Institute of Commerce
Prof. Sangita Shroff	Head, Department of Design
Shri Ashishbhai Desai	Hon. Head of the Dept. of Students' Activities
Prof. Urmil Dave	Deputy Director, Centre for Quality Assurance and Academic Development (CQAAD) cell, NU
Prof. Santosh Vora	Deputy Director, Directorate of Research & Innovation (DRI), NU
<b>2. University Office</b>	
Dr. Nilesh Patel	Deputy Registrar, Examinations and Ph.D. Section
Shri Bhaveshkumar Parekh	Chief Coordinator, Student's Welfare Activities
Mr. Tushar Patel	Training & Placement Officer, IP



Dr. Ravindra Sen	Assistant Registrar, Academic Section
Ms. Palak Shah	Chief Accounts Officer
Shri Alok Bhatnagar	Public Relation Officer

<b>Non Teaching Staff Members</b>	
Mr. Dineshbhai Patel	Office Superintendent
Mr. Virendra Goswami	I/c. Librarian
Mr. N. Nityanandan	PA to Director
Mr. Hasmukh B. Rathod	Jr. Assistant
Ms. Pooja P. Panday	Jr. Assistant
Ms. Jigisha D. Patel	Jr. Assistant
Mr. Devendra Vaghela	Jr. Assistant
Ms. Jaya Dabhi	Library Assistant
Ms. Sima Ahire	Library Assistant
Mr. Rohit Patel	Laboratory Assistant
Mr. Mukesh Patel	Laboratory Assistant
Mr. Shailesh Patel	Laboratory Assistant
Mr. Shreyas Bhuvra	Laboratory Assistant
Mr. Jignesh H. Patel	Laboratory Assistant
Mr. Manish Patel	Laboratory Assistant
Ms. Drashti Patel	Laboratory Assistant
Ms. Dharti M. Patel	Laboratory Assistant
Mr. Tushar Patel	Training & Placement Officer
Mr. Chetan Patel	Laboratory Assistant
Mr. Kirankumar M. Parmar	Computer Operator

## 7. STUDENT ACTIVITIES

Co-curricular and extracurricular activities play an important role in the all-round development of professional students. They indeed serve as an adjunct to the rigorous course work. The objectives of these activities are:

- a) To promote disciplined corporate, intellectual, civil and cultural life amongst students of the institute.
- b) To foster activities to bring out creative talents of the students.
- c) To promote the study and discussion of subjects of national and international importance.
- d) To create awareness amongst the students about their professional identity and their obligations to the profession and society at large.
- e) To create a strong spirit of teamwork and cohesiveness by organizing various cultural, literary and professional activities along with the academic routine.

Various student activities like cultural festival (Rostrum), euphoria ras-garba (Ramzat), quizzes, elocution and debates (Niqmaquest), rangoli competition, poster competition, photography competitions etc. are organized with adequate involvement and guidance from the faculty.

Students are participating in different committees like sports committee, cultural activities committee, library committee, student's welfare committee. student welfare board, IQAC committee, anti-ragging committee, Women development cell, placement, social media, website committee.

### Social extension activity

Institute of pharmacy emphasizes not only on professional development of students but also to make them good citizens. As a part of this various social activities are organized like blood donation camp, health awareness program for village people, old age home visit, plantation drives, adult literacy program, etc. Major aim is to sensitize the students towards societal problems and work for upliftment of Indian citizens. It is offered as 30 hours supplementary course.

## CLUBS

### Literature Club

**Gyan Samhita**, the Literature Club of Institute of Pharmacy, Nirma University intends to bring out the literary talents of the students of the institute through various activities. The members who are involved in this club would review 'must read general books' from different languages i.e., English, Hindi, Gujarati or else share summaries of books from any other languages. They may contribute or share poems, short stories, parodies written by them or other authors. Occasionally, the club will conduct literary events like debates, elocution, extempore that will help the members to improve their knowledge in current affairs and spontaneity in expression with a flavour of literature. The events would be posted on a blog exclusively dedicated for this event that would be shared with general public for viewing only. Students, Research Scholars, Faculty members and supporting staff members of the institute can become the members of this club.

**Art and Craft Club**

Talent, creativity, productivity, and achievement are terms that define the Art and craft Club. The Club members experiment with creative artwork by using simple, ordinary materials, under the supervision of instructor. The objective of this club is to promote and support art enthusiasts, to propagate and contribute to special occasion activities held at Nirma University. Our purpose is to encourage creative expression, create artwork around campus, allow students to discover new crafts and bring together a group of like-minded people. Course offerings included painting, drawing, composition, sculpture, ceramics, collage and architecture. Students will receive instruction in the basics of composition, technique, and craftsmanship.

**Music Club**

Music clubs encourage, share, support and teach music to their members and community. Music Club enables students to show their talents and passion towards music as well as dance. Club members use their club time to rehearse, perform together or solo and offer encouragement to other members in their musical pursuits. Each member has the opportunity to introduce new music and ideas to the club. Music clubs can also be supportive platforms for community outreach and educational music programs in different areas. The Club is open to all types of musical activities: jazz, classical, pop, folk, vocal, instrumental - whatever may suit the tastes of the Club's members. Students are participating in various events like Rostrum, Enigma Elevated, Inter Institute competitions and have won prizes.

**Drama & One Act Play Club**

The Drama Club aims to provide an introduction to drama, self expression and acting skills for the students. It allows the students to develop their acting skills through performing in groups. The activities are delivered in a fun and informal style allowing them grow in confidence each month, improving on speech, body language and social skills. The Drama club student members of Institute of Pharmacy has participated and secured first position in Inter Institute One Act Play competition.

**Entrepreneurship Club**

The club aims to create awareness and motivation among students for the entrepreneurial opportunities. It will work on developing entrepreneurial skills of students and help polish their abilities so as to prepare them to face the challenges of the business world. It will also help students by providing them with information required for setting up business. The club will undertake activities like business quizzes, presentations, business plan preparation etc.

**Designing Club**

Design club is the platform to help unify as well as involve students actively in the work of graphic design. Community of the students with common interest will work for creative, social and professional growth.

**Photography Club**

Photography club will be is a group of photography enthusiasts that enables to connect the like minded photographers & provide them a platform to display their photographic skills. It will also provide equal opportunity to nurture the creativity of members from all walks of life by organizing contests, exhibitions, workshops, slideshows etc. Members will receive instruction in the basics of photography by lectures and practical sessions.

**Idea Lab**

The objectives of promoting "IdeaLab" activities are to promote creative activity at the Institute by funding the testing and implementation of novel ideas that the students may have, and to enable students an early hands-on experience by permitting even enthusiastic and passionate freshers also to join a group. In this endeavor, the students will also be guided/mentored by the interested faculty-members.

The ideas to be selected for funding should be mainly technical and exploratory with a potential impact to pharmacy, science, technology, industry, environment and/or social benefits. The ideas can be multi-disciplinary involving students from multiple Institutes / Departments. Some of idea projects can be presented at various national or international competitions.

**Nirma Institute of Pharmacy Student Association (NIPSA)**

The student association of Institute of Pharmacy, Nirma University. It's activities pertain to student development and welfare as well as social service. Of recent, a rural health, plantation drive and cleanliness drive had been organized under it's banner. Similar activities have been planned for the upcoming semester. Having proven to be a helping hand in various institute managed activities, it works toward the enhancing student participation. NIPSA organize "Enigma Elevated ", a cultural event and publish a magazine called "Seismic bite".

**Institute of Pharmacy Nirma University Alumni Association (IPNUAA)**

Institute of Pharmacy Nirma University Alumni Association (IPNUAA) provides the stage for the get together and interacting of the alumni with their alma mater. In striving to meet its commitment to bolster relations with the alumni, the institute organizes a host of activities, which enhance this interaction. IPNUAA performs various activities round the year like annual alumni meet, book bank facility for existing students, technical sessions, career guidance lectures by alumni for higher education within India & abroad, and felicitation of prominent alumni. Alumni members are regularly invited for conducting mock interviews, as well as alumni members working in reputed pharmaceutical organizations supports existing students for industrial visit, industrial training, research projects and placement. Alumni members are also invited in various cultural events organized by institute and university to participate and show-case their talent.

## 8. GENERAL RULES & REGULATIONS

- 1 Attendance
- 2 Class Conduct
- 3 Grievance Redressal Rules
- 4 Academic Dishonesty at Examinations/Tests/Assignments, etc.
- 5 Library Rules
- 6 Computer Laboratory Rules
- 7 Plagiarism Zero tolerance
- 8 Prevention & Prohibition Of Ragging
- 9 Antidrug squad
- 10 Complaint Committee for prevention of Sexual Harassment
- 11 Women Development Cell
- 12 Nirma Alumni Association Forum
- 13 Mechanism For Redressal Of Students' Grievances
- 14 Financial Assistance & Scholarships

### 1. Attendance:

The University requires regular attendance and punctuality in all classes. 85% attendance is compulsory in all courses. The students under extraordinary circumstances may request for leave of absence under the following rules and procedures:

- Prior permission of the Director shall be obtained for availing of leave in the form of a leave application from the Director's office. Leave applications must be submitted normally prior to the commencement of the leave. Leave applications on the ground of sickness must be accompanied by a medical certificate. In case, a student has not taken prior leave, she/he shall inform Director within 48 hours about his/her absence. Grant of the leave, however, shall remain the prerogative of the Director.
- The Institute will not be responsible for the student losing any component of assessment on account of his leave. Substitute quizzes or tests or examinations may be given to the student only if the student was on leave with the prior permission of the Director.
- Absence without leave will be considered a serious breach of discipline and the University will take appropriate action in such cases.
- The Director can grant the leave of maximum up to 15% in a course or courses in a Term, depending on the genuinely of the case.
- If the competent authority does not condone the absence of the student in a course. He/she will be awarded NT grade in that particular course and the student has to repeat all the components of the course under the arrangement to be made by the Director.
- The attendance of students on the first day after the vacation is compulsory.

### 2. Class Conduct

- The students are expected to be in the class room at least five minutes prior to the commencement of the class. Unpunctuality is not acceptable.

- Students are expected to come prepared to the class with the readings/ chapters and cases mentioned in the course outline for the session. The student may be asked to leave the class if he/she is not fully prepared for the session.
- Use of mobile phones is strictly prohibited in the class rooms, corridors and inside the blocks. Violation would imply confiscation of the mobile phone.
- Students are expected to behave in a responsible manner and abstain from chatting amongst themselves while the class is in progress.
- Activities like video shooting, photography, playing musical instruments and listening to radio and tape recorders are prohibited in the campus.
- Any indiscipline or misbehaviour in class would warrant disciplinary action against the student.

### 3. Grievance Redressal Rules

- All the students must observe and abide by the discipline rules prescribed by the University and he/she will submit to the disciplinary jurisdiction of the Head of the Institution/Director General and other competent officers or authorities or bodies of the University as the case may be and in this respect he/she has to submit the declaration.
- The student will also be required to give an undertaking, signed by the candidate and his parent/guardian to the effect that he/she is aware of the University's approach towards ragging and the punishment to which he/ she shall be liable, if found guilty of ragging.

#### Rules of Discipline to be observed in or outside the Institute or the University

- Every student must carry his/her Identity Card which should be produced when demanded
- It is mandatory for the students to attend the classes, sessions, prayer, co-curricular activities, etc. on all working days from the start to the end of the semester. Absence due to illness or unavoidable circumstances shall be considered only if the application is supported with medical certificate in case of illness and/or leave application form from the parent is submitted to the Head of the Institution
- Students are expected to behave in a responsible manner and abstain from chatting amongst themselves while the class is in progress
- Students are expected to be polite individually or in groups and show respect to the faculty/staff of the Institute/University
- Any indiscipline or misbehavior in class or in the campus or in the bus or even outside the campus would warrant disciplinary action against the student(s)
- Any action of any individual, group or a wing, which amounts to interference in the regular administration of institute, is prohibited. Disciplinary actions will be initiated against such student(s)
- Causing disfiguration or damage to the property of the University or belongings of staff members or students is prohibited
- No student shall indulge in any activity that might be illegal or may lead to disorderliness
- No student shall be in possession of liquor, drugs or any intoxicating materials, nor would consume such things
- Smoking cigarettes/chewing pan or tobacco or gutkha is strictly prohibited.
- Indecent behavior in any form will not be tolerated.
- Use of mobile phone is strictly prohibited in the classrooms, corridors, or inside the blocks. Camera Mobile Phones will not be allowed in the campus.

- Activities like video shooting, photography, playing musical instruments and listening to radio, tape recorder, etc. are prohibited on the Campus except with the permission of the Head of the Institution.
- The students are expected to be in the classrooms or any place of study on time prior to the commencement of the study.
- Use of helmets is compulsory for everyone who rides a two-wheeler to and from the campus
- Students should follow a decent dress code when they come to the University.
- Any kind of ragging in the class, campus or in the bus or even outside the campus is strictly prohibited.
- Any kind of misuse of Internet, intranet or computer software, mobile, etc. is strictly prohibited.
- Disobeying any instructions of any kind issued by the Head of the Institution / Faculty will be considered as indiscipline acts on the part of the student.
- The items which are not covered above and which the Head of Institution considers as indiscipline acts will be dealt with, under these rules.

### **Procedure for Imposing Penalties**

For disobeying any disciplinary rules, the competent authority as defined under relevant regulations will take disciplinary action against the student concerned. There shall be separate procedure for imposing minor penalty and major penalty. The following indiscipline acts on the part of the student shall be subjected to the major penalties

- Damaging the property of the University/Institutions (movable or immovable)
- Involving in violence on and outside the campus including instigating the violence.
- Involving himself/herself in criminal act like using alcoholic beverages, drugs, gambling on or outside the campus including instigating the other students for such action.
- Ragging in and outside the campus.
- Any act which deteriorate the over all atmosphere in the campus or the Institute.
- Theft of University property or the property of the other students, staff or any other person on the campus.
- Any other act which the Head of the Institution feels as gross misconduct, which are not covered under the above category.

### **For Imposing the Major Penalty as Defined above, the following procedure will be followed**

- As soon as the information about such indiscipline act is brought to the notice of the Head of the Institution concerned, the Head of the Institution will suspend the student concerned from attending the classes/practical or any other academic activities.
- He will at his discretion constitute the fact finding committee from/within the people working in the institute and the fact finding committee will submit the report at the earliest but within a week's time after inquiring the details by inviting student(s), parent(s) and will record the statements. They will also examine the other witnesses and record their statement. The committee will also examine the circumstantial evidences. On the basis of the report of the fact finding committee, if the Head of the Institution concerned feels that the charges levelled against the student fall under the major penalty and these are prima-facie proved then the report of the committee will be submitted to the committee constituted by the Director General at University level and after further investigation by the University level committee, if it feels that the student(s) is/are involved in indiscipline act which amounts to gross misconduct then they will make recommendations for the major penalty to be imposed and will be



submitted to the Director General and on the decision of the Director General, a show cause notice shall be issued to the student concerned and after the reply received from the student concerned, the final decision about imposing the penalty will be taken by the Director General.

#### **The Major Penalty Includes following**

- In case of criminal act or moral turpitude, the initiation of police action against the student(s).
- Prohibiting the student concerned from appearing in the course or courses in Mid-term and/or End-term Examinations.
- Detention of the student(s) for a semester or more.
- Rustication from the University or from the Institute for a period of one year or more.
- Permanent rustication from the Nirma University or from the Institute.
- Any other major penalty, which the Director General feels appropriate to impose.
- If the individuals committing or abetting 'ragging' are not identified, collective punishment could be executed to act as a deterrent punishment and to ensure collective pressure on potential 'raggers'. In case the student is involved in any kind of ragging and is punished for the same, the mention of the same will be incorporated in his / her migration certificate.

#### **The Minor penalty includes the following**

For any other disciplinary action other than the indiscipline act covered above, the Head of the Institution will be competent to take action against the student concerned and impose minor penalty after hearing the student concerned and also the other persons, which the Head of the Institutions feels appropriate or the person designated by the Head of the Institute.

#### **The nature of minor penalties, which can be imposed**

- Warning
- Giving special assignments of the nature for which the Head of the Institution will be competent to decide
- Imposing fine
- Putting the student on conduct probation for the period, which the Head of the Institution feels appropriate
- Prohibiting to the student to appear in limited to two subjects in Mid- term Examinations/End-Term Examinations
- Suspending student for attending classes for a period not more than one week
- Any other minor penalty the Head of the Institute feels appropriate

Notwithstanding anything contained in these rules, the above provisions will not be made applicable to the students who have used unfair means in the Examinations or for the purpose for which the separate provisions are provided in different academic regulations.

#### **Discipline and Grievance Redressal committee**

Coordinator                      Dr. Jigar N. Shah

Committee Members      Dr. Jignasa K. Savjani, Dr. Nagja V. Tripathi, Dr. Charmy S. Kothari

#### 4 Academic Dishonesty at Examinations/Tests/Assignments, etc. and punishment in case of using unfair means

Guidelines framed by the Examination Reforms Committee under #R.18(9) for recommending the punitive measures in the cases of using unfair practices in the different Examinations.

1. The cases involving in unfair practices in any examination shall be referred to the Examination Reforms Committee (ERC). This committee, after proper inquiry and judicious evaluation of all available documents and after giving fair and reasonable opportunity of being heard in each case, will recommend the punitive measures for further action to the concerned competent authority.
2. The cases of unfair practices may vary in culpability so as per the gravity of culpability the different kinds of punitive measures are provided in this guidelines and Examination Reforms Committee may recommend appropriate and proportionate punitive measures with recorded reasons.
3. The Examination Reforms Committee while following the guidelines shall have corrective rather than punitive approach at the same time protecting the sanctity of the Examination System.
4. The effect of the punitive measures recommended by the Examination Reforms Committee is to be read in consonance with the Academic Regulation of a particular programme notified from time to time by the University.

#### 5. Explanations:

The following explanations will apply to the various provisions of guideline no. 6 and terms which are not defined are to be interpreted as per the regulations notified by the university from time to time.

- a. Unfair practices shall mean indulgence in any activity as mentioned in #R.18(1) read with clause 6.1 to 6.8 mentioned here below.
  - b. Reference to a male student implies similar reference to a female student.
  - c. Reference to certain words in singular form implies reference to their plural form also, where the context is obvious e.g. answer-book / answer-books, note/notes, chit/chits, page/pages etc.
  - d. Reference to answer-book implies reference to main answer-book, supplementary answer-sheet, drawing-sheet, papers used in preparing the term assignments, reports of Projects, Internship Training, Dissertations etc. authenticated by the Examiner concerned by putting his signature including digital form.
  - e. "Examination" means an examination in any form of evaluation conducted by the university or by constituent institute of the university.
  - f. Supplementary Examination is not a separate Examination but it is a part of Semester End Examination and hence whenever the punitive measures is imposed for Supplementary Examination it should be same as of Semester End Examination.
  - g. Cancellation of result shall mean evaluation in examination becomes null & void
  - h. When more than one punitive measures is imposed, the effect of these measures will follow in chronological order.
  - i. Obtainable marks means maximum marks allotted to the concerned examination i.e. CE/LPW/PW
- # R.18 of Academic Regulations for admission to the University, eligibility criteria, conduct of Examination etc.

6	Nature of Unfair Practices in Examination	Nature of Punitive measures	
		CE/LPW/PW	SEE/TEE
6.1	<p>If a student,</p> <p>(i) disobeys the instructions of the block supervisor/officer of the Institute/University in examination.</p> <p>(ii) writes any matter / content on the question paper in minor form.</p> <p>(iii) attempts communication with another student.</p> <p>(iv) changes the allocated seat without permission.</p> <p>(v) found with irrelevant written or printed material during examination.</p>	Written Warning;	Cancellation of the result of SEE/TEE of the concerned Course
6.2	<p>If a student,</p> <p>(i) is found with relevant written / printed material in any form of minor nature during examination.</p> <p>(ii) is found with relevant written / printed material in any form from his/her answer-book in minor nature during assessment.</p> <p>(iii) is found with relevant matter / content in minor form on his/her body / inside the clothes or under his/her implements like Calculator-Compass etc. or in his/her immediate vicinity.</p> <p>(iv) has copied from the answer-book of another student in minor form without his/her knowledge during examination (Award the punitive measure/s to the student who had copied the answer).</p>	Deduction of 10%marks of maximum obtainable marks from the obtained marks by the student concerned in CE/LPW/PW of the concerned Course	Cancellation of the result of SEE/TEE of the concerned Course
6.3	<p>If a student,</p> <p>(i) is found with relevant written / printed material in any kind in extensive form during examination.</p> <p>(ii) is found with relevant written / printed material in any kind from his/her answer book in extensive form during assessment.</p>	Deduction of 20%marks of maximum obtainable marks from the obtained marks by the student concerned in CE/LPW/PW of the concerned course	Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of the concerned Course

	<p>(iii) is found possessing any kind of electronics devices including mobile phone/smart watch except simple calculator (wherever allowed) during examination irrespective of whether it is used or not used.</p> <p>(iv) has copied from the answer-book of another student in extensive form without his/her knowledge during examination (Award the punitive measure/s to the student who had copied the answer).</p> <p>(v) has copied the answer from the other student with his/her knowledge. (Award the punitive measure/s to both the students)</p> <p>(vi) writes relevant matter / content in extensive form on his/her body / inside the clothes or under his/her implements like Calculator-Compass etc. or in his/her immediate vicinity.</p> <p>(vii) is found kept or referring any kind of notes, material, book etc. in washroom/toilet/corridor etc. out side of the examination hall.</p> <p>(viii) exchanges / borrows / takes any article / documents with relevant minor content of a course (Award the punitive measure/s to the guilty student/s).</p>		
<p>6.4</p>	<p>If a student,</p> <p>(i) is found to have torn the answer book or part thereof, of his own, or of other student.</p> <p>(ii) attempts to throw/thrown or carry/carried away the answer-book or part thereof outside the examination hall during examination.</p> <p>(iii) is found in possession of unauthorized answer books or part thereof either blank or written upon during examination.</p> <p>(iv) is found to have made any kind of changes in answer-book of other student.</p> <p>(v) tries to destroy evidence of unfair practices by throwing it away, chewing it, or by any other means.</p> <p>(vi) is found by examiner with different hand writing in the answer-book or there is/are</p>	<p>Cancellation of the result of CE /LPW/PW Examination of the concerned course</p>	<p>Cancellation of the result of all examinations of (CE, LPW/PW, SEE) *two courses [for all the programmes except MBA (FT and FB&amp;E)]</p> <p>-----</p> <p>Cancellation of the result of all examinations (CE, LPW/PW, TEE) of concerned course</p> <p>+</p> <p>Cancellation of the result of TEE of one more course* [for</p>

	<p>missing/additional page/s found from the answer book.</p> <p>(vii) is found to made any changes in the assessed answer-book during showing the answer-book.</p> <p>(viii) snatches or takes away the answer-book or part thereof of other student without his/her knowledge during examination. (Award the punitive measures to the student who had snatched the answer book).</p> <p>(ix) has copied / reproduced part there of in report writing or any other such submission i.e. term assignments or term paper etc. in CE/LPW Examination.</p> <p>(x) exchanges / borrows / takes any article / documents with relevant extensive content of a course or exchanges answer book(s) with the other student (Award the punitive measure/s to the guilty student/s).</p>		MBA (FT and FB&E)]
6.5	<p>If a student is found second time,</p> <p>(i) indulging unfair practices in any Examination (CE/LPW/SEE/TEE) under 6.1 and penalized previously under 6.1</p> <p>(ii) indulging unfair practices in any Examination (CE/LPW/SEE/TEE) under the guideline no. 6.2/6.3/6.4 and penalized previously under 6.1</p> <p>(iii) indulging unfair practices in any Examination (CE/LPW/SEE/TEE) under the guideline no. 6.1 and penalized previously under the guideline no. 6.2/6.3/6.4.</p>	<p>(i) Deduction of 10% marks of maximum obtainable marks from the obtained marks by the student concerned in CE/LPW/PW of the concerned course</p> <p>(ii) Punitive measure will be awarded to the student concerned as per Guideline no. 6.2/6.3/6.4 respectively under which the student is reported for unfair practices in examination.</p> <p>(iii) Deduction of 20% marks of maximum obtainable marks from the obtained marks by the student concerned in CE/LPW/PW of the concerned course</p>	<p>(i) Cancellation of the result of SEE/TEE of the concerned course</p> <p>(ii) Punitive measure will be awarded to the student concerned as per Guideline no. 6.2/6.3/6.4 respectively under which the student is reported for unfair practices in examination.</p> <p>(iii) Cancellation of the result of SEE/TEE Examinations of concerned course.</p>

	<p>(iv) indulging unfair practices in any Examination (CE/LPW/SEE/TEE) under the guideline no. 6.2/6.3/6.4 and penalized previously under 6.2/6.3/6.4</p>	<p>(iv) Cancellation of the results of CE/ LPW/PW of two* courses [for all the programmes except MBA (FT and FB&amp;E)].</p> <p>-----</p> <p>Cancellation of the result of CE/PW of concerned course + Deduction of 10% marks of maximum obtainable marks from the obtained marks by the student concerned in CE/PW of other one course*[ for MBA (FT and FB&amp;E)]</p>	<p>(iv) Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of all the courses of concerned Semester.</p>
6.6	<p>(i) If the student is found for undue advantage of writer facility.</p> <p>(ii) If another student of the Institute of Nirma University or outsider impersonates as a student on behalf of a student of any Institute of Nirma University is found appearing in the examination in place of eligible student of the Institute of Nirma University.</p>	<p>Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of all the courses of concerned Semester.</p> <p>Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of all the courses of concerned Semester and disallowing the student of Nirma University from registering the courses (IR and RPR) up to two subsequent semesters and initiate the criminal proceeding including filing FIR for the student / Person involved in this case.</p>	
6.7	<p>(i) If the student is caught in unfair practices in examination and threatens</p> <ul style="list-style-type: none"> <li>- the authorized person for conduct of examination/member/s of the Examination Reforms Committee/ examiner concerned for seeking his favour.</li> <li>- the Jr. Supervisor or Sr. Supervisor for not reporting the case or the examiner for seeking his favours either by bribing, hiding currency notes in the answer-books or threatens any of the authorized officers for conduct of examination.</li> </ul> <p>(ii) If the student violates the norms of disciplined behavior or indulges in violent behavior inside or outside the examination hall by act or acts such as :-</p>	<p>Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of all the courses of concerned Semester and disallowing him/her from registering the courses (IR and RPR) up to Two subsequent semesters depending upon the nature and gravity of the unfair practices.</p> <p>Cancellation of the result of all examinations (CE, LPW/PW, SEE/TEE) of all the courses of concerned Semester and disallowing him/her from registering the courses (IR and RPR) up to Three subsequent semesters depending upon the</p>	

	<ul style="list-style-type: none"> <li>• Obstructing the process of examination in any way or instigating other students or</li> <li>• Assaulting the Block Supervisor / any other person appointed to conduct the examination or threatening the staff or</li> <li>• Carrying and/or using tools / weapons for intimidation / causing injuries or</li> <li>• Any other act/acts similar in nature to those mentioned under this category.</li> </ul>	nature and gravity of the unfair practices and/or initiate the criminal proceeding including filing FIR for the student / Person involved in this case.
6.8	During or after the examination, if any student is found to have indulged in any other form of unfair practices, misconduct, misbehavior, committing act of indiscipline, committing breach of any of the rules laid down for the proper conduct of examinations etc., which are not, covered in categories 6.1 to 6.7 in the above guidelines having bearing on the examination or result of the student and/or of any other student.	The Examination Reforms Committee shall recommend the punitive measure depending upon the nature and gravity of the unfair practices.

- \* Whenever punitive measure is awarded to the concerned student for Two courses, then the one course is the concerned course in which student is caught for using unfair practices in examination and the other course will be decided by the student concerned at his/her option from the courses (IR/RPR of any semester) in which the student appeared and passed the Examination. When other course is not available at all then the Committee shall recommend appropriate punitive measure depending upon the nature and gravity of the unfair practices.



## 5. Learning Resource Centre Rules and Regulations

### Rules for Book Loan for Students

- Library Issue/Return counter will be opened from 11.00 a.m. to 6.00 p.m. only.
- Students are supposed to show their library usage by entering their roll number on the Check Counter whenever they come into the Library
- B. Pharm / M. Pharm Student can borrow three books at a time for the period of 10 days on their Identity Card. Books will be renewed once only if there is no reservation for it.
- Library resources like Reference Books, Periodicals, Bound Volumes, Standards, CDs, and Audio/video Cassettes are to be referred within the library premises.
- Before borrowing the book, he/she has to verify the physical condition of the books. If he/she finds physical condition of the books bad, he/she must inform Librarian's immediately.
- It will be the sole responsibility of the borrower to preserve the book and return to the Library, however if any student loses/or misplaced the book, he has to report to the Librarian on the same day. He will have to clear his Library account either replacing the book or by paying the cost within a week. If he/she fails to do so, not only the cost of the book, but also overdue will be recovered from the student.
- Borrower will be responsible for any damage found while returning books.
- Students will have to return the borrowed books on time. The overdue charge is Rs.2/- per day.
- If any student's card is lost, he has to report to the Librarian immediately and operation of account will be in abeyance until he gets new.
- If students are going on Short-term industrial visit or project, they have to maintain the schedule of returning the books. This rule can be relaxed on the recommendation of the HOD for borrowing books for his project, when student is deputed for project for the entire semester out of Ahmedabad.
- If any student caught, stealing books or tearing pages will have to pay the entire cost of the books plus Rs.500/-. And Library Account will be suspended for two months in addition to the disciplinary action to be initiated.
- If any book lost by any student, not available in the market, he/she is required to pay three times of the original cost. The A/c has to be cleared with in two weeks at least.
- If any student misplaced/loses any complimentary copy, the HOD will decide the amount to be paid by student after consulting the subject expert.
- To maintain Discipline and Silence in the library is mandatory. If any student fails then he/She will be penalized / punished.
- If students disobey Library rules, Identity Card will be collected, reported to the Head of the Institution for initiating disciplinary action.

### Rules for Book Reservation for Students

- Users can reserve the book titles he/she may wish to have and not available in the library. So that whenever it arrives, user may get that title without further waiting.
- The reservation forms can be obtained from the Library Check Counter.
- Reservation is possible for only one title at a time.

- Books can be collected within three days after their arrival into the library.
- Reserved books will be given on loan for 10 days.
- If you do not collect books within said period, Reservation may be treated as cancelled.

### **Library Suggestion**

- Suggestions are for the library improvement.
- You are free to give your valuable suggestions to us.
- Library Suggestion Register available at the Library check counter.
- You may see the status of your suggestion at the Library Notice Board / in the suggestion register.

### **Library Users are requested to strictly follow the below given points:**

- Mobile Phone is prohibited within the Library premises.
- Not to spoil the Library Material.
- Not to bring their own Reading Material and Issued Books in the Library.
- Not to bring personal floppies/CDs/DVDs in the Library. Students can copy Library CDs and DVDs with the permission of Library Staff.
- Frequent defaulting of the above rules will lead to termination of Library Membership.
- Contact Library Staff anytime if they face any problem.
- Give Suggestions to Improve the Library Services.

### **Timings**

Opening – Closing Hours:	08.45 am - 06.15 pm (Monday – Friday)
	08.45am – 4.45pm (1st, 3rd & 5th Saturday)
Issue/Return Counter:	11.00 am – 06.00 pm
	09.00am – 4.30pm (1st, 3rd & 5th Saturday)
Photocopying Service:	11.00 am - 01.00 pm

Please log on to <http://www.nirmauni.ac.in/iplib> to know more details about the Library.

In addition to the Institute of Pharmacy Library resources students and faculty could access the digital resources of the University from the same homepage.

## **6. Computer Laboratory Rules**

### **General**

- Misuse of Internet/Intranet mail service will invite strict disciplinary action.

### **For the usage of Computer Lab**

- Students should make an entry in the log register.
- Students should not change properties/configuration of the client machines.
- Students should keep silence and observe discipline while working.

- Students should not leave rough papers on desks.
- Students should not eat or drink in the computer centre.
- Pendrive is prohibited in computer centre.

## 7. Plagiarism zero tolerance

Nirma University aspires to facilitate the highest standards of knowledge and skill development through its academic and research programmes. It offers conducive and inspiring environment where ethics and honesty are integral to the education system. Over a period of time; it has generated a significant impact, which makes it mandatory for the University to follow the high standards of ethics. One of the goals of the University is to prepare graduates who will be able to take their: expertise to the society. As a part of this preparation at the University, the students are required to work on assignments, project/seminar reports, thesis, research papers, cases, etc. At the same time, it is expected that the faculty members should contribute in generation and dissemination of knowledge through research projects, by publishing/presenting research papers/articles/cases/books. etc. All these activities require inputs from libraries, laboratories, electronic resources, etc. In this context. Plagiarism assumes importance as it undermines basic objective of higher education and harms the reputation of the University. It is therefore important to sensitize faculty. Students and research staff regarding plagiarism, performed either willfully or ignorantly. The University shall strive to have 'Zero Tolerance' against plagiarism. -This will help in implementing academic integrity and honesty in academic and research practices at the University.

This outlines both necessary and desirable academic practices and at the same time it emphasizes on practices that are not acceptable and unethical. It prescribes the procedures to investigate reported cases of plagiarism and to talk appropriate actions by the authorities.

As per the revised updated illustrated .Oxford Dictionary, the word, 'plagiarism' is a noun of plagiarize', which means (i) Take and use the thoughts, inventions. etc. another person as one's own. (ii) Pass off the thoughts etc. of another person as one 's own. Almost every activity in an academic environment oan be a potential target of plagiarism. It includes essays, cases, books, research papers, presentations. Project/seminar reports, dissertations, research papers, etc. Broadly, any of the following actions by any of the above mentioned individual will be considered as plagiarism:

- Reproduction of someone else's work, in part or whole, without permission and presenting it as one's own work
- Buying/stealing/copying assignments, experimental results, etc.
- Reproducing by copying a section of a book of an article/report/dissertation without proper citation
- Copying figures/charts/graphs/images without acknowledging or claiming it/them as one's own
- Quoting from a source word for word without giving reference
- Putting someone else's ideas without proper citation
- Paraphrasing
- Self-Plagiarism: reproducing/publishing one's own published work, in part or whole, without referring to earlier published work

Notwithstanding anything containing clause (i)-(viii), any other activity falling under the ambit of academic dishonesty, may also be covered under these rules'

These rules for preventing Plagiarism are applicable to the students, faculty and staff members, research scholars, recognized Ph.D. guides and researchers of the University.

***Guidelines for the Faculty Members and Guides/Supervisors:***

- i. Insist that the ideas implemented are original, or derived from existing theory with significant contribution from the project team members.
- ii. If copyrighted material from outside source is used in the project work, then the permission from the original author must be obtained and clearly mentioned in the report.
- iii. Ask student at every phase of the project how their work is different from others.
- iv. Discuss with the student, the ethical issues in teaching-learning and the role of researcher in society, so that student gets sensitized towards plagiarism and be ethical.
- v. Set a high quality standard for the students and also provide motivation by appreciating the good work of students in front of the research community time-to-time.
- vi. Encourage student for time management and proper project planning.
- vii. While assigning course work to students, be creative in designing assignments such that the student while answering has no other way than originality.
- viii. Spread awareness in students / research community that research papers /proposals with plagiarism may get black listed by the research organization. Also discuss the different levels of penalties of plagiarism.
- ix. Try to use and also teach the students the usage of antiplagiarism software. Insist to check every paper and project report on such software before submission.

In case of any kind of plagiarism found in the PG/Ph.D. thesis, the concerned guide/co-guide will be responsible and the committee may recommend to the Director General for necessary actions.

***Guidelines for the Students and Research Scholars:***

- i. Use the source material to study the preliminary requisites only, and not to replicate something readily available. Mention proper reference of the source material in project report.
- ii. Always try to innovate i.e. find out a new method to solve the research problem.
- iii. If the existing solution is used, then always try to add somewhat new contribution by improving the performance of the existing system.
- iv. While implementing the existing system, try to find out a different method of implementation instead of using the existing method. The end results in both cases may be the same, however compare the system parameters and prove your system somewhat better in execution.
- v. Instead of implementing existing applications, try to find out new application of the existing theory / technology.
- vi. Regularly either discuss or publish the research work over internet for others to comment so that there is an automatic check on plagiarism for the work done.
- vii. Directly use of the data, conclusions, and results of some other researchers shall not be used stating that these are the original findings of the proposed work. On the contrary, due acknowledgement/reference is to be given for the work already done and referred for the proposed research.

- viii. Consent of a guide or co-authors to be taken before submitting the paper or presenting any research work.

**Identification of Plagiarism:**

The following method (s) can be used alone or in combination for identification of plagiarism:

- i. Checking an individuals' work using a standard Plagiarism Detection software Tool, as prescribed by the University.
- ii. Examination of assignments for specific sentences or unusual phrases taken from known sources.
- iii. Comparison of written assignments of two or more students having similar assignment questions,
- iv. Also, the researchers may be asked to provide evidence of their research. Clear examples or a record of research effort will assist them to prove that no plagiarism has occurred.

**Method of Inquiry in the Matter of Complaint of Plagiarism:**

For any reported case/complaint of Plagiarism, there will be two separate committees for inquiry. (i) Institute Level Committee (ii) University Level Committee. The composition of the committees, their functions and the method of inquiry are described below:

**Institute Level Committee:**

There shall be an Institute Level Committee to inquire into the matter of the alleged plagiarism against under-graduate and post-graduate students of the Institute. The following items will be covered under the purview of the Institute Level Committee:

- i) Plagiarism in any component of the Continuous Evaluation (CE) by the UG/PG students
- ii) Plagiarism in Major/Minor Projects and Seminar Reports by the UG Students

In case of major plagiarism the committee will recommend the concerned HoI to forward it to the University Level Committee.

The Committee shall inquire into the matter of allegations and shall make necessary recommendations to the Head of the Institute (HoI) in this regard for penalty.

The Committee shall comprise:

- i) Chairman
- ii) Two Faculty Members
- iii) Secretary

The concerned HoI will nominate one of the senior faculty members of the Institute as the Chairman and two other Professors / Associate Professors in the subject area of the alleged plagiarism as the members of the committee. Assistant Registrar / Deputy Registrar of the Institute shall work as the Secretary.

**University Level Committee:**

There shall be a University Level Committee to inquire into the matter of the alleged plagiarism against doctoral students, faculty, staff & research scholars of any constituent Institute of the University and any related matter received from the Institute Level Committee. The following items will be covered under the purview of the University Level Committee

- i) Plagiarism in any form by the Faculty, Staff and Research Scholars of the University. This will cover research findings, research papers, articles, books, reports, cases, etc.

- ii) Plagiarism in Thesis/Dissertation, research findings, research papers, books, reports, etc. by the PG/Ph.D. Students

The Committee shall inquire into the matter of allegations and shall make necessary recommendations to the Director General in this regard-

The Committee shall comprise:

- i) Chairman
- ii) Two faculty Members
- iii) Secretary

The Dean-Faculty of Doctoral Studies & Research (FDSR) shall act as the Chairman of the Committee. The two other faculty members will be nominated by the Director General. The Deputy Registrar (Exam) of the University shall act as the Secretary in case of plagiarism by the students, whereas the Executive Registrar of the University shall act as the Secretary in case of plagiarism by the Staff, Faculty and the research Scholars.

### **Procedure to be adopted by the Committees:**

On receiving application(s) of alleged plagiarism, the Committee(s) will comply the following steps with the principles of procedural fairness protecting the rights of the alleged. These rights includes right to:

- i) Be informed of the allegations against them in sufficient detail to enable them to understand the precise nature of the allegations and to properly consider and respond.
- ii) Within one-week of time respond to the allegations against him /her.
- iii) The matter to be resolved in two weeks time after responding to the allegations.

### **Identification and Assessment of Alleged Plagiarism**

For any reported case of the plagiarism, the Committee will first confirm prima facie if there is plagiarism or not. In a case of plagiarism, it will also decide the degree of plagiarism. The Committee will then submit its report along with its recommendations in terms of penalty to the HoI (in case of Institute Level Committee) or to the Director General (in case of University Level Committee). Depending upon the report and the recommendations of the Committee, the concerned HoI | Director General will decide the action to be taken.

### **Provision of Penalty:**

In case of violation of any of the above Rules by any individual, the competent authority will take necessary action.

Provision of Penalty - Institute Level Committee:

- i) i) Written Warning (only once)
- ii) Cancellation of results of component(s) of CE in which plagiarism is found
- iii) Cancellation of results of all components of CE

### **Provision of Penalty - University Level Committee:**

Minor penalty for faculty member or staff

- i. Censure
- ii. Withdrawal of PG guide ship
- iii. Withdrawal of Ph.D. guide ship

Major penalty for faculty member or staff

- i. Withholding of Increment(s)
- ii. Reduction to a lower stage in the time scale of pay for a specified period of time
- iii. Reduction to a lower time scale of pay, grade, post or service
- iv. Removal from service which shall not be disqualification for future employment under the University
- v. Dismissal from service, which shall ordinarily be a disqualification for future employment under the University

***Penalties for the PG/Ph.D. Students:***

- i) Cancellation of PG/Ph.D. registration
- ii) Revocation of Degree at any stage/time after award of the Degree

***Penalties for recognized Ph.D. guide of national laboratory outside institute***

- i) Withdrawal of PG/Ph.D. guide ship
- ii) Information to their parent organization with a request to take the necessary actions against the concerned employee

## **8. Prevention & Prohibition of Ragging**

Directives of the Hon'ble Supreme Court of India, to prevent and eliminate the scourge of ragging, at different times, have been implemented by the University. Ragging in the hostel and on the campus is strictly prohibited. Any student indulging in this will be liable to be expelled not only from the hostel but also from the institute/university.

### **What Constitutes Ragging?**

Ragging constitutes one or more of any of the following acts: a) 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. b) Indulging in rowdy or undisciplined 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. c) 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. d) Any act by a senior student that prevents, disrupts or disturbs the regular academic activity of any other student or a fresher. e) Exploiting the services of a fresher or any other student for completing the academic tasks assigned to an individual or a group of students. f) Any act of financial extortion or forceful expenditure burden put on a fresher or any other student by students g) 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; h) 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. i) 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.

### **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; a) Suspension from attending classes and academic privileges. b) Withholding/ withdrawing scholarship/ fellowship and other benefits. c) Debarring from appearing in any test/ examination or other evaluation process. d) Withholding results. e) Debarring from representing the institution in any regional, national or international meet, tournament, youth festival, etc. f) Suspension/ expulsion from the hostel. g) Cancellation of admission. h) Rustication from the institution for period ranging from one to four semesters. i) 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.

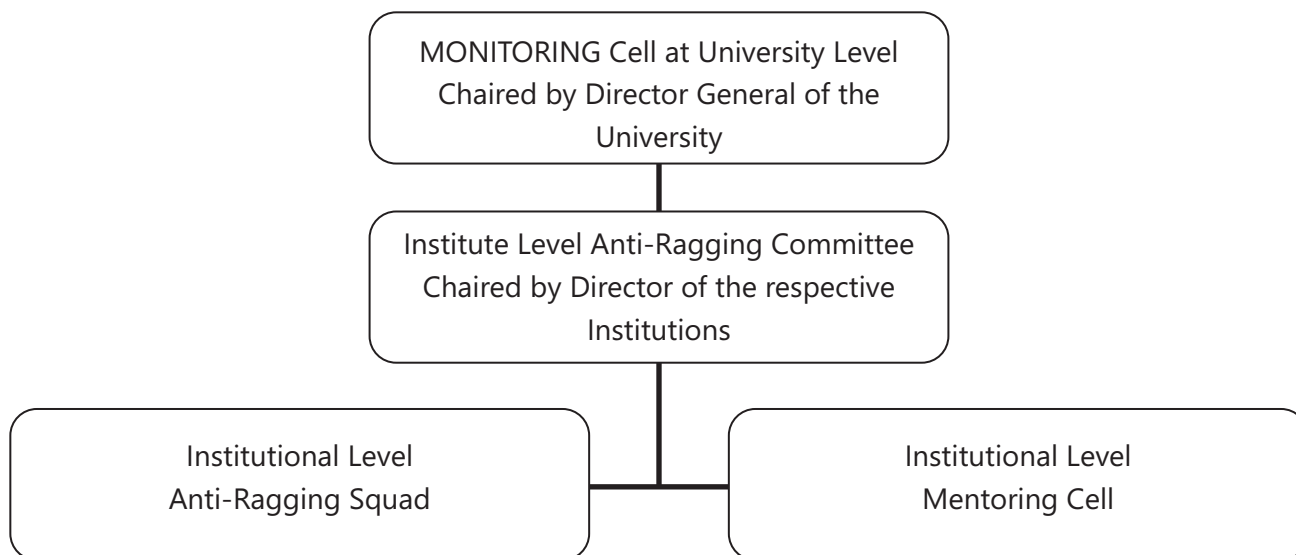
### **Why should I & How can I use Online affidavits? Why?**

1. It is mandatory for every student and his/her parents to submit an anti-ragging affidavit at the time of first admission and there after each year at the time of annual registration. These are UGC's regulations.
2. It is the order of the Hon. Supreme Court that contact details of students must be collected from these affidavits and stored electronically at a central location.
3. Until now each college collected such information. But it was not stored in any central location. But this year the Ragging Prevention Program developed an ON LINE procedure for downloading anti ragging affidavits. As a result college authorities do not have to collect information separately and compile it. It will save a lot of their time and energy. How?
4. It is a simple procedure comprising 3 steps
  - Step 1: Log on to [www.ANTIRAGGING.in](http://www.ANTIRAGGING.in) or [www.AMANMOVEMENT.org](http://www.AMANMOVEMENT.org). Click on the button called – On line affidavits.
  - Step 2: Fill in the information as desired and submit the form.
  - Step 3: On successful completion you will receive affidavits, both for Students and Parents, through E mail.

5. If you do not have an E mail address please create one before you log in. If your parents do not have an E Mail/Mobile/ Landline Phone number please do not panic. You can give those of your friends or relatives. There is absolutely nothing to worry. If you make a mistake while submitting your form you can start afresh and submit the information again. There is no problem. It is a very easy process.

The structure of Anti Ragging mechanism of the Institute is as follows:

### Organization/Structure of Anti-Ragging Committee



## University Level Committee

### Monitoring Cell of Anti Ragging Measures

At the University Level there is a Monitoring Cell of Anti-Ragging Measures, which is chaired by the Director General of the University. The cell consists of all the Head of Institutions, Chief Operating Officer and Executive Registrar of the University as members and the Chief Warden [Hostels] as Member Secretary. This body coordinates with the constituent Institutions of the University in implementing the Anti-Ragging measures and achieving its objectives.

### Institution Level Committees

There are three committees constituted at the Institutional Level and all the Institutions under the university has constituted three committees viz. Anti-Ragging Committee (Institute Level Statutory Committee), Anti Ragging Squad and Monitoring Cell (Ragging)

#### 1. Anti-Ragging Committee (Institute Level Statutory Committee)

This is a Institute Level Statutory Committee with Director of the Institute as Chairperson, two Senior Faculty Members, Chief Warden [Hostels], representatives of civil and police administration, local media, non-Government Organizations involved in youth activities, representatives of faculty members, representatives of parents, representatives of students and non-teaching staff as members.

This committee ensures compliance with the provisions of Regulations of Anti-Ragging.,

#### 2. Anti-Ragging Squad

The Squad consists of one senior faculty member as Co-coordinator and the Chief Warden [Hostels] as Co-coordinator. The committee consists of teaching and non-teaching staff and students` representatives as its

members. The squad makes surprise visits at hostels and spots vulnerable to incidences of ragging on the campus.

### 3. Mentoring Cell (Ragging)

The cell is headed by a Senior Faculty member and consists of teaching staff as well as Students' representatives. The Mentoring Cell promotes the objective of Anti-Ragging among the students.

**Toll – Free Helpline Number – 1800180552**

- Anti-Ragging Committee
- Anti-Ragging Squad
- Mentoring Cell

#### Faculty Co-ordinator (Anti-Ragging) at Institute Level:

**Name:** Dr. Jignasa K. Savjani, Assistant Professor, Institute of Pharmacy, Nirma University.

**Email:** jignasa.savjani@nirmauni.ac.in

**Mobile** 09824550737

<b>1. Constitution of Anti-Ragging Committee at Institute Level:</b>	
<b>Chairman</b>	: Prof. Manjunath D. Ghate Director, Institute of Pharmacy, Nirma University, Ahmedabad.
<b>Civil and Police Administration</b>	: (1) Shri K S Savani Dy. S P – Kalol krishnasavani55@yahoo.com (M) 9925153254
<b>Local Media</b>	: (1) Mr. Yogesh Avasthi Editor- Ahmedabad Mirror, (M) 9909909966 Email : yogeshavasthi99@gmail.com  (2) Mr. Pranav Patel Reporter E-TV News Gujarat. Email : njjadav2000@yahoo.com (M) 09327032925
<b>Representative of Faculty Members</b>	: • Dr. Tejal Mehta • Dr. Priti Mehta • Dr. Jigna Shah • Dr. Hardik Bhatt • Dr. Niyati Acharya • Dr. Jignasa Savjani
<b>N.G.O. (For youth activities)</b>	: Mrs. Usha Pandit Kasturba Trust, kasturbatrustkoba@gmail.com (M) 9924085840

<b>Representative of Parents</b>	:	<ul style="list-style-type: none"> <li>Mr. Rajesh Patel (Parent of Ms. Alisha Patel, Semester-V)</li> </ul>
<b>Representative of Students</b>	:	<ul style="list-style-type: none"> <li>Mr. Udit Chaube, Ph.D Scholar</li> <li>Ms. Khushali Parekh, Ph D. Scholar</li> <li>Ms. Trisha Bhatt, M.Pharm. Semester-III</li> <li>Mr. Harshil Shah, M.Pharm. Semester-III</li> <li>Mr. Aditya Taneja, B.Pharm Semester-VII</li> <li>Ms. Anjali Yadav, B.Pharm Semester-VII</li> <li>Mr. Jay Shah, B.Pharm. Semester-V</li> <li>Ms. Alisha Patel, B.Pharm. Semester-V</li> </ul>
<b>2. Constitution of Anti-Ragging Squad :</b>		
<b>Faculty Members</b>	:	<ul style="list-style-type: none"> <li>Dr. Jignasa K. Savjani</li> </ul>
<b>Non-teaching Members</b>	:	<ul style="list-style-type: none"> <li>Mr. Mukesh Patel</li> <li>Mr. Jignesh Patel</li> </ul>
<b>Student representatives</b>	:	<ul style="list-style-type: none"> <li>Mr. Udit Chaube, Ph.D</li> <li>Ms. Khushali Parekh, Ph D. Scholar</li> <li>Ms. Trisha Bhatt, M.Pharm. Semester-III</li> <li>Mr. Harshil Shah, M.Pharm. Semester-III</li> <li>Mr. Parth Solanki, B.Pharm. Semester-VII</li> <li>Mr. Akash Patel, B.Pharm Semester-VII</li> <li>Mr. Abhi Patel, B.Pharm. Semester-V</li> <li>Ms. Muskan Badola, B.Pharm. Semester-V</li> </ul>
<b>3. Constitution of Mentoring Cell :</b>		
<b>Senior Student representatives</b>	:	<p><b>Ph.D. (Full Time)</b></p> <ul style="list-style-type: none"> <li>Mr. Udit Chaube</li> <li>Ms. Khushali Parekh</li> </ul> <p><b>M.Pharm., Semester-III</b></p> <ul style="list-style-type: none"> <li>Ms. Trisha Bhatt</li> <li>Mr. Harshil Shah</li> </ul> <p><b>B.Pharm., Semester-VII</b></p> <ul style="list-style-type: none"> <li>Mr. Aditya Taneja</li> <li>Ms. Anjali Yada</li> </ul> <p><b>B.Pharm., Semester -V</b></p> <ul style="list-style-type: none"> <li>Mr. Jay Shah</li> <li>Ms. Alisha Patel</li> </ul>

## 9. Anti-drugs squad

The squad aimed to campaign antidrug messages at youths, their parents, and other influential adults.

### Constitution of Anti-drugs squad

<b>Chairman:</b>	Dr. Manjunath Ghate
<b>Faculty members</b>	Dr. Jignasa K. Savjani
<b>Non-Teaching Staff</b>	Mr. Mukesh Patel Mr. Rohit Patel
<b>Student representatives</b>	Mr. Chetan Dhal, Ph.D Scholar Ms. Viral Patel, Ph.D Scholar Mr. Sadhak Madlani, B.Pharm Semester-III Ms. Rupal Chabdia, B.Pharm Semester-III Mr. Parth Solanki, B.Pharm Semester-VII Ms. Pooja Mehta, B.Pharm Semester-VII Mr. Shrey Modi, B.Pharm Semester-V Ms. Swati Patil, B.Pharm Semester-V



## 10. Complaint Committee for prevention of Sexual Harassment

In pursuance of the directions issued by the Hon'ble Supreme Court in the judgement of Vishaka & Others v/s. State of Rajasthan & Others reported in 1997 (6) SCC 241, the Nirma University has constituted a complaint committee for prevention of Sexual Harassment

### Objectives

- To prevent discrimination and sexual harassment against women, by promoting gender amity among students and employees
- To lay down procedures for the prohibition, resolution, settlement and prosecution of acts of discrimination and sexual harassment against women, by the students and the employees;
- Deal with cases of discrimination and sexual harassment against women, in a time bound manner, aiming at ensuring support services to the victimized and termination of the harassment;
- Recommend appropriate punitive action against the guilty party to the Chair/Director General of NU.

### Complaint Committee for Prevention of Sexual Harassment

Name	Designation	Contact No.
Ms. Purvi Pokhriyal, Director & Dean, ILNU	Chairperson & Counselor	079-30642802 & 99988 49689
Dr. N. Lalitha, Gujarat Institute of Development & Research	External Member	02717-242366 (Extn.-213) & 9427308677
Prof. Harismita Trivedi, IMNU	Member	079-30642629 & 9879068780
Prof. Madhuri Bhavsar, ITNU	Member	079-30642217 & 9879050660
Prof. Nagja Tripathi, IPNU	Member	079-30642719 & 9428731350
Shri B. J. Patel, Deputy Registrar, ITNU	Member	079-30642512 & 9825306200
Shri Suresh Rao Naikavde, Asst. Registrar, Establishment Section, NU	Member	079-30642680
Dr. Ravindra Sen, Asst. Registrar, Academic Section, NU	Member Secretary	079-30642680

## ROLE AND FUNCTIONS:

The Committee will deal with issues relating to sexual harassment at Nirma University. It is applicable to all students, staff and faculty. A complaint of discrimination or sexual harassment may be lodged by the victim or a third party. A written complaint may be addressed to the Chair of the Committee. If the complaint is made to any Head of Institute, they may forward it to the Convener of the Committee against Sexual Harassment.

## 11. Women Development Cell

In pursuance of the directions issued by the UGC and MHRD, the Nirma University has set up the Women Development Cell (WDC) and prescribed norms to sensitize the community with regard to gender related issues and create a gender friendly environment:

### Objectives

To provide and maintain a dignified, congenial working environment for women employees (including teaching, non-teaching and contractual workers) and students, where they can work, study and explore their potential to the fullest, a committee of the following members has been constituted as "Women Development Cell".

### Chairperson :

1. Prof. (Dr.) Purvi Pokhariyal  
Director & Dean,  
Institute of Law, Nirma University,  
Phone: (O) 079-30642802

### Members:

2. Ms. Shreya Shrivastava  
Assistant Professor,  
Institute of Law, NU  
Ahmedabad - 382481.
3. Ms. Praneti Shah  
Assistant Professor,  
Institute of Management, NU  
Ahmedabad - 382481.
4. Prof. Madhuri Bhavsar  
Professor,  
Institute of Technology, NU  
Ahmedabad-382481
5. Dr. Nagja Tripathi  
Asst. Professor,  
Institute of Pharmacy, NU  
Ahmedabad-382481
6. Dr. Shalini Rajkumar  
Professor,  
Institute of Science, NU  
Ahmedabad - 382481.

7. Ms. Pratima Singh  
Asst. Professor,  
Institute of Architecture, NU  
Ahmedabad-382481
8. Dr. Avani Shah  
Asst. Professor,  
Institute of Commerce, NU  
Ahmedabad - 382481.
9. Ms. Kanupriya Taneja  
Asso. Professor,  
Department of Design, NU  
Ahmedabad-382481
10. Shri. B. J. Patel  
Deputy Registrar  
Institute of Technology, NU  
Ahmedabad - 382481.
11. Ms. Palak Shah  
Chief Accounts Officer  
Nirma University  
Ahmedabad - 382481.
12. Two senior students (Male / Female) from each institute as nominated by HOI concerned.

### Member Secretary

13. Dr. Ravinder Sen - Member Secretary  
Assistant Registrar (Academic Section)  
Nirma University-382481.  
Phone: (O) 079-30642680, (M) 97129 36398



## ROLE AND FUNCTIONS

1. To sensitize all members of Nirma University community towards the Supreme Court and statutory mandate prohibiting gender discriminations and sexual harassment at the work place and encourage involvement through academic, cultural and outreach activities such as talks, seminars, workshops, community action, drama, street theatre, poster-making etc.
2. To provide for dialogue, discussion, and deliberation on women's rights and gender-related issues.
3. To encourage from participation from NGOs and law enforcement agencies in this area.
4. To become a resource centre for women and provide a forum for exchange of ideas.
5. To review safety and security measures for female employees and girl students at Nirma University campus.

## WHO CAN APPROACH THE CELL

Any employee including faculty, staff, contractual, temporary, casual and student of Nirma University can approach the Women Development Cell.

## 12. Mechanism for Redressal of Students' Grievances

The students are the main stakeholders in any institution imparting education, and its our endeavour to make all efforts to ensure transparency in all the activities at different stages. Taking this spirit in consideration the University has decided to provide mechanism to students for redressal of their grievances as under:

- **The Grievances may broadly include the following complaints of the aggrieved students**
  - a) Academic
  - b) Non-Academic
  - c) Grievance related to Assessment
  - d) Grievance related to Victimization
  - e) Grievance related to Attendance
  - f) Grievance related to charging of fees
  - g) Grievance regarding conducting of Examinations
  - h) Harassment by colleague students or the teachers etc.
- There will be Grievance Redressal Committees at the Department/Institutes/University level to deal with the grievances of the students:
  - a) Department/Area Level committee will be as under:
    - (i) Head of the Department/Area Chairperson – Chairman
    - (ii) Up to 3 (three) faculties to be nominated by the Head of Department/Area Chairperson

This committee will deal with the Grievance related to Academic and Administrative matters of the Department/Area concerned.

- b) Institute Level committee will be as under:
- (i) Head of Institute – Chairman
  - (ii) Head of the concerned Department
  - (iii) Up to 2 (two) faculty members to be appointed by the Head of Institute
  - (iv) Dy. Registrar – Member Secretary

This committee will deal with all the Grievances directly which is related to the common problems at Institute level both Academic and Administrative. In addition, this committee will also entertain the appeal filed by the student against the decision of the Department level committee.

- c) University Level committee will be as under:
- (i) Chief Operating Officer - Chairman
  - (ii) Dean of the Faculty concerned
  - (iii) Head of Department concerned
  - (iv) Executive Registrar
  - (v) Dy. Registrar/Assistant Registrar as the case may be from Institute concerned will be Member Secretary.

This committee will deal with all the Grievances directly which is related to the common problems at University level both Academic and Administrative. In addition, this committee will also entertain the appeal filed by the student against the decision of the Institute level committee.

- **Procedure for Redressal of Grievances (RoG)**

- (a) An aggrieved student who has the Grievance or Grievances at the Department/Area level shall make an application first to the HoD/Area Chairperson. The Head of Department/Area Chairperson, after verifying the facts will try to redress the grievance within a reasonable time, preferably within a week of the receipt of application of the student. If the student is not satisfied with the verdict or solution of the HoD/Area Chair, then the same should be placed before the Department/Area level committee.
- (b) If the student is not satisfied with the decision of Department/Area level committee, he/she can submit an appeal to the Institute level committee within a week from the date of the receipt of the reply from the Department level committee.

The Head of Institute, after verifying the facts and the papers concerned and having discussion with the Chairman of the Department/Area level committee will place the matter before the Institute level committee which shall either endorse the decision of the Department level committee or shall pass appropriate order in the best possible manner within a reasonable time, preferably within 10 days of receipt of application.

- (c) If the student is not satisfied with the redressal offered by the Institute level committee and feel that his/her Grievance is not redressed, he/she can submit an appeal to the University level committee within a week from the date of receipt of decision with the relevant details.
- (d) The University level committee should consider the appeal of the student and make appropriate recommendations to the Director General within a reasonable time, preferably within 15 days. On approval by the Director General the final decision is to be communicated to the student through the respective Head of Institute.

- (e) The University level Committee, if needed, may recommend to the Director General, necessary corrective action as it may deem fit, to ensure avoidance of recurrence of similar grievance at any of the Institute under the University.
- (f) While dealing with the complaint the committee at all levels will observe law of natural justice and hear the complainant and concerned people.
- (g) While passing an order on any Grievance at any level the relevant provisions of Act/Regulations should be kept in mind and no such order should be passed in contradiction of the same.

The student will submit the application of Grievance or appeal to the Institute level committee or University level committee, as the case may be, through the Head of Department and Head of Institute concerned.

### **Equality at Campus**

The University provides a level playing field for all students in respect of entitlement and opportunity for enjoyment of all legitimate rights.

### **Non-Discrimination**

The University strictly follows the non-discrimination guidelines as suggested by the UGC. It does not discriminate the students based on their caste, creed, religion, language, ethnicity, gender and disability.

### **Discipline and Grievance Redressal committee**

- Coordinator                                  Dr. Jigar N. Shah
- Committee Members                      Dr. Jignasa K. Savjani, Dr. Nagja V. Tripathi, Dr. Charmy S. Kothari

## **13. Nirma University Alumni Forum**

We at Nirma University are proud of our Alumni and the difference they have made to the world around them. Their contributions have been acknowledged by organizations and institutions as they have marched ahead creating value and opportunities on the way. With more than 2000 members joining the group every year, the alumni network with about 15000 members currently is growing stronger year on year.

The University has constituted 'Nirma University Alumni Forum' with the objective to foster continuous engagement of the alumni with their Alma mater and to draw their expert knowledge in the relevant fields to further enhance, strengthen and reinforce the over-all quality of the constituent Institutes of the University.

### **Objectives of Nirma University Alumni Forum:**

- To establish and maintain contact between the past students of the University
- To pursue and sustain excellence in education by interaction between the alumni, the faculty and the present students of the University
- To strengthen Industry-Institute-Interaction and operate related activities for the benefit of the students of the University
- To extend all assistance and co-operation to the University in its endeavors for the growth and development of education and research in the field of Technology, Pharmacy, Law, Management etc.
- To institute scholarships and awards for deserving past and present students of the University for educational and research purposes as per the terms and conditions to be laid down by the Board of Directors

- To encourage and assist the students of the University in various academic and cultural activities
- To establish endowments by donation to extend financial and other assistance to deserving past and present students of the University for educational and research purposes as per terms and conditions mutually decided with the Board of Directors
- To establish endowments by donation to create Chair/s of Professor/s Emeritus in the University in professional and related areas
- To generate funds for conducting activities for achieving the objectives of the University
- To create fellowships for the Alumni to pursue post-graduate studies or research
- To project constructive activities of the University in India and abroad
- To provide a common platform for exchange of ideas and disseminating knowledge in professional areas
- To perform any other constructive activities leading towards the enhancement of the skill and knowledge of the members of the Association
- To conduct lectures twice or thrice a year to motivate the students of each institute
- To invite our alumnus to impart knowledge and encourage the students along with training them to pursue IAS and IPS.

### **Institute of Pharmacy Nirma University Alumni Association (IPNUAA)**

Institute of Pharmacy Nirma University Alumni Association (IPNUAA) with their alma mater, in striving to meet its commitment to bolster relations with the alumni, the Institute organizes a host of activities to enhance this interaction. The news-letter "IPNUAA connect" has been started from the year 2014.

#### **Objectives**

- To establish and maintain communication links between the past students, present students and the Institute.
- To strengthen Industry-Institute-Interaction and operate related activities for the benefit of the students of the institute.
- To extend all assistance and cooperation to the Institute in its endeavors for the growth and development of education and research.
- To institutionalize scholarships and awards for the deserving past and present students of the Institute for educational and research purposes.
- To pursue and sustain excellence in Education by interaction between the alumni, Faculty and present students of the Institute of Pharmacy.

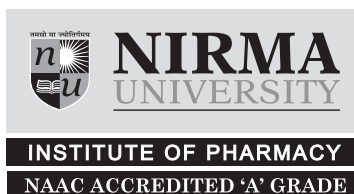
### **14. Financial Assistance & Scholarships**

Institute of Pharmacy provides financial aid to students. M.Pharm and PhD students also receive stipend and scholarship from university. The University provides interest free financial assistance to the needy U.G. students to pay their fees. Following types of scholarships are provided to B.Pharm students by university.

1. Merit cum means Scholarship
2. Merit Scholarship
3. Complete free scholarship on Fees
4. 100% interest reimbursement on Educational loan Scholarship
5. 50% interest reimbursement on Educational loan Scholarship

More details about education loan, scholarships & other student friendly facilities from various sources is available from Vidya Lakshmi Portal.

**9. UNDERTAKING, DECLARATIONS &  
OTHER FORMS TO BE FILLED BY  
THE STUDENTS & PARENT**



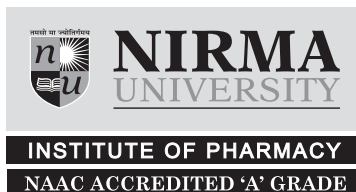
## UNDERTAKING FOR ACADEMIC RULES AND REGULATIONS

Registration No. \_\_\_\_\_

I, Mr./Ms. \_\_\_\_\_ son/daughter  
of \_\_\_\_\_ have secured  
admission at the Institute of Pharmacy, Nirma University in the year 2018-19 for the M. Pharm./ B.Pharm.  
Programme. We hereby confirm that we have gone through the academic rules and regulations of the  
Institute very carefully and we assure you that we will abide by the same.

\_\_\_\_\_  
Name & signature of student

\_\_\_\_\_  
Name & signature of parent/guardian



***Declaration to be submitted by the Students Admitted to Different Programmes of the University***

**DECLARATION**

I, \_\_\_\_\_ admitted in B.Pharm/M. Pharm. of the Institute of Pharmacy, Nirma University hereby declare and undertake that I will abide by the disciplinary rules of the University prescribed under the relevant regulations which I have already gone through failing which I know I am subjected to the major / minor penalties as the case may be.

Date:

Place:

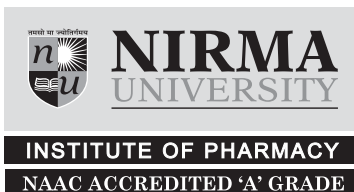
Signature of the student

Name of the student: \_\_\_\_\_

Signature of the Parent / Local Guardian \_\_\_\_\_

Name of the Parent / Local Guardian: \_\_\_\_\_





## CONDUCT AND DISCIPLINE RULES FOR THE STUDENTS

1. Every student must carry his / her identity card which should be produced when demanded.
2. It is mandatory for the students to attend the classes, prayer sessions etc. on all working days from the start to the end of the term/semester. Absence due to illness or unavoidable circumstances shall be considered only if application is supported with medical certificates and/or leave application from the parents is submitted to the Director.
3. Students are expected to be polite individually or in groups and show respect to the Faculty (teachers) as well as to the staff of the Institute. Instructions in connection with academic or other matters as may be given by the teachers from time to time must be followed scrupulously by the students. Students must not participate in activities that may cause harm to the academic environment or which harm the teacher-student relation.
4. The action of any individual, group or wing which amounts to interference in the regular administration of the college is prohibited. Disciplinary action will be taken against such students.
5. Causing disfiguration or damage to the property of the Institute or belongings of staff members or students is forbidden. In case of any such damage, the same will be recovered from the students, the parents or the guardians.
6. No student shall indulge in any activity in the college campus that might be illegal or may lead to disorderliness.
7. Neither student should be in possession of any intoxicant or intoxicating materials nor consume such things. If anyone is found to have violated this instruction, the admission of such student will be cancelled.

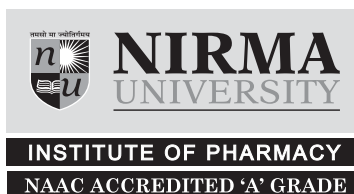
Whenever any student is found to be guilty or violating the instructions specified above or other specific instructions issued by the center or the institute, he / she will be liable to disciplinary actions such as fine, suspension or rustication as may be imposed by the Director. The disciplinary action taken by the Director in this regard shall be final and binding.

I have read above conduct and discipline rules and I shall abide by these rules.

Name of the Student \_\_\_\_\_

Roll No. \_\_\_\_\_ Signature of Student \_\_\_\_\_

Date: \_\_\_\_\_ Signature of Parent/Guardian \_\_\_\_\_



***Undertaking for not involving himself/ herself for Ragging***

**DECLARATION**

I, \_\_\_\_\_ admitted in B.Pharm/M. Pharm. of Semester I (One) of the Institute of Pharmacy, Nirma University hereby declare and undertake that I am fully aware of the rules and regulations regarding ragging and aware of the University's approach towards ragging which are in line with the Directives of the Hon'ble Supreme Court of India and the punishment to which, I shall be liable, if found guilty of ragging or violating the rules.

Date:

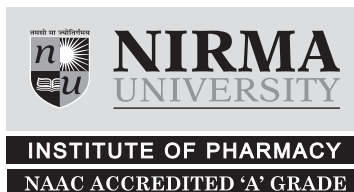
Place:

Signature of the student

Name of the student: \_\_\_\_\_

Signature of the Parent / Local Guardian \_\_\_\_\_

Name of the Parent / Local Guardian: \_\_\_\_\_



## UNDERTAKING

I \_\_\_\_\_ Roll No. \_\_\_\_\_ studying in First year of Bachelor / Master of Pharmacy course at Institute of Pharmacy, Nirma University, Ahmedabad give an undertaking that I have read and understood all the Rules & Regulation of the Examination at the Institute of Pharmacy particularly the R.PHARM (UG/PG) 12 and R.PHARM (UG) 17 and I shall observe, follow & abide all these Rules. If not, Institute of Pharmacy, Nirma University can take necessary action as per the said provisions.

### R.PHARM. (PG) 12. GRANTING OF TERM

- 12.1 The Term will be granted course-wise
- 12.2 The granting of Term for all the students (IR, RPR) will depend on the compliance of maintaining minimum 85 % attendance in all components of the course (as applicable) Regular approval for remaining absent up to 15 % is necessary

Note: In the case of long duration training or project work, where final examination is not possible before the Term ends, a certificate by the course coordinator that the student's progress is satisfactory will be acceptable.

- 12.3 The student who has been given category NT may appeal to the Appeal Committee giving full reasons for his default. The decision of the Committee in all such cases will be final.
- 12.4 The student who is given NT category will not be permitted to appear in SEE of the concerned course. He will also be given grade FF in that course.

### R.PHARM. (PG) 17. CANCELLATION OF ADMISSION

The admission in the Programme of the following categories of students is liable to be cancelled.

#### 17.1

- (i) Failure to earn credits for all courses of semester I within two years of admission to the Programme.
- (ii) Failure to earn credits for all courses of semester II within two and a half years of admission to the Programme.
- (iii) Failure to earn requisite credits and CPI minimum 6.00 to pass the Programme within three years of admission to the Programme.

The student, whose admission is so cancelled, can appeal to the Appeal Committee. The Committee may grant an extension only upto one additional semester for one of the categories falling under 17.1 (i), (ii) or (iii) for clearing the courses in deserving cases, provided the student gives a viable assurance to make up the shortfall within that period.

Notwithstanding anything contained above, the President may consider the cases of such students falling under category (i), (ii) & (iii), if the student has cleared all the courses and have earned the requisite number of credits except one course, on an appeal filed. The President will consider such appeal on the recommendation of the appeal committee prescribed under the regulations for the purpose and after considering the genuineness of the case may give one additional attempt to the student concerned to clear the remaining course.

- 17.2** The student who satisfies R. 17.1 (i) and (ii) but who is unable to satisfy R.17.1 (iii) only because of delay in completing the Thesis work may apply, giving full reasons, to the HOD for an extension to submit his Thesis. The HOD may recommend to the Appeal Committee to grant an extension of up to two years in addition to the limit specified R. 17.1 (iii). The decision of the Appeal Committee in the case will be final.
- 17.3** If a student avails of the benefit of R. 17.2, and he passes the Programme, his Grade for passing the Programme will be pegged at C+ and CPI at 6.0.

## **R.PHARM.(UG).12. GRANTING OF TERM**

**12.1** The Term will be granted course-wise.

**12.2** Compliance of attendance

The granting of Term for all the students (IR) will depend on the compliance of maintaining minimum 85% attendance in all components of the course (as applicable). Regular approval for remaining absent up to 15% is necessary.

Note: In the case of long duration training or project work, where final examination is not possible before the Term ends, a certificate by the course coordinator that the student's progress is satisfactory will be acceptable.

**12.3** The student who has not completed the minimum requirement of attendance may appeal to the Appeal Committee giving full reasons for his/her default. The decision of the Appeal Committee in all such cases will be final.

## **R.PHARM.(UG).17. CANCELLATION OF ADMISSION**

The admission of following categories of students is liable to be cancelled:

- (i) Failure to earn credits of all courses of any semesters as per R.PHARM.(UG).15. However, the duration to earn credits shall be fixed as double the actual duration of the programme.
- (ii) Failure to earn requisite credits and CGPA of min. 6 to pass the programme within a stipulated period (after admission to the programme).

The student, whose admission is so cancelled under category (i), can appeal to the Appeal Committee. The Committee may grant an extension upto the one additional semester for deserving cases, provided the student gives a viable assurance to make up the shortfall within that period.

Notwithstanding anything contained above, the President may consider the cases of such students falling under category (i), if the student has cleared all the courses and have earned the requisite number of credits except one course, on an appeal filed. The President will consider such appeal on the recommendation of the appeal committee prescribed under the regulations for the purpose and after considering the genuineness of the case may give one additional attempt to the student concerned to clear the remaining course.

## **R.PHARM.(UG).15. PASSING STANDARDS**

**15.1** A student shall be declared PASS and eligible for getting grade in a course of B.Pharm. Programme if he/she secures at least 50% marks in that particular course including Internal Assessment. For example, 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 semester end theory examination and has to secure a minimum of 25 marks for the total 50 including Internal Assessment and semester end practical examination.

**15.2** Carry forward of marks and Improvement of Internal Assessment

In case a student fails to secure the minimum 50% in any Theory or Practical course, then he/she shall reappear for the semester end 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.

### 15.3 Academic Progression:

No student shall be admitted to any examination unless he/she fulfills the norms given in R.PHARM.(UG).12. 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 R.PHARM.(UG).17.

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 R.PHARM.(UG).17.

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 Abs 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.



## AFFIDAVIT BY THE STUDENT

I, \_\_\_\_\_ (full name of student with Roll No.)  
s/o d/o Mr./Mrs./Ms. \_\_\_\_\_, having been  
admitted to \_\_\_\_\_ **B. Pharm. / M. Pharm. / Ph.D. Programme at the  
Institute of Pharmacy, Nirma University**, have received a copy of the UGC Regulations on Curbing the  
Menace of Ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations") carefully  
read and fully understood the provisions contained in the said Regulations.

- 1) I have, in particular, perused clause 3 of the Regulations and am aware as to what constitutes ragging.
- 2) I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the  
penalty and administrative action that is liable to be taken against me in case I am found guilty of or  
abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
- 3) I hereby solemnly aver and undertake that
  - a) I will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the  
Regulations.
  - b) I will not participate in or abet or propagate through any act of commission or omission that may be  
constituted as ragging under clause 3 of the Regulations.
- 4) I hereby affirm that, if found guilty of ragging, I am liable for punishment according to clause 9.1 of the  
Regulations, without prejudice to any other criminal action that may be taken against me under any  
penal law or any law for the time being in force.
- 5) I hereby declare that I have not been expelled or debarred from admission in any institution in the  
country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging;  
and further affirm that, in case the declaration is found to be untrue, I am aware that my admission is  
liable to be cancelled.

Declared this \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year

Signature of Deponent \_\_\_\_\_

Name: \_\_\_\_\_

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is  
false and nothing has been concealed or misstated therein.

Verified at \_\_\_\_\_ (Place) on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month) \_\_\_\_\_, (year).

Signature of Deponent \_\_\_\_\_

Solemnly affirmed and signed in my presence on this the (day) of (month) , (year) after reading the contents  
of this affidavit.

OATH COMMISSIONER \_\_\_\_\_



## AFFIDAVIT BY PARENT/GUARDIAN

1. I, Mr./Mrs./Ms. \_\_\_\_\_ (full name of parent/guardian) father/mother/guardian of \_\_\_\_\_ (full name of student with admission/registration/enrollment number) having been admitted to **B. Pharm. / M. Pharm. / Ph.D. at Institute of Pharmacy, Nirma University** have received a copy of the UGC Regulations on curbing the menace of ragging in Higher Educational Institutions, 2009, (hereinafter called the "Regulations"), carefully read and fully understood the provisions contained in the said Regulations.
2. I have, in particular, perused clause 3 of the Regulations, and am aware as to what constitutes ragging.
3. I have also, in particular, perused clause 7 and clause 9.1 of the Regulations and am fully aware of the penalty and administrative action that is liable to be taken against my ward in case he/she is found guilty of or abetting ragging, actively or passively, or being part of a conspiracy to promote ragging.
4. I hereby solemnly aver and undertake that:
  - (a) My ward will not indulge in any behaviour or act that may be constituted as ragging under clause 3 of the Regulations.
  - (b) My ward will not participate in or abet or propagate through any act of commission or omission that may be constituted as ragging under clause 3 of the Regulations.
5. I hereby affirm that, if found guilty of ragging, my ward is liable for punishment according to clause 9.1 of the Regulations, without prejudice to any other criminal action that may be taken against my ward under any penal law or any law for the time being in force.
6. I hereby declare that my ward has not been expelled or debarred from admission in any institution in the country on account of being found guilty of, abetting or being part of a conspiracy to promote, ragging; and further affirm that, in case the declaration is found to be untrue, the admission of my ward is liable to be cancelled

Declared \_\_\_\_\_ day of \_\_\_\_\_ month of \_\_\_\_\_ year

Signature of Deponent \_\_\_\_\_

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone/Mobile No.: \_\_\_\_\_

### VERIFICATION

Verified that the contents of this affidavit are true to the best of my knowledge and no part of the affidavit is false and nothing has been concealed or misstated therein.

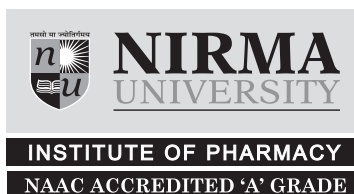
Verified at \_\_\_\_\_ (Place) on this the \_\_\_\_\_ (day) of \_\_\_\_\_ Month \_\_\_\_\_ (year).

Signature of deponent \_\_\_\_\_

Solemnly affirmed and signed in my presence on this the \_\_\_\_\_ (day) of \_\_\_\_\_ (month) \_\_\_\_\_ (year) after reading the contents of this affidavit.

OATH COMMISSIONER \_\_\_\_\_





## UNDERTAKING

### [to refrain from consumption of Drug and Alcohol]

I; \_\_\_\_\_, bearing

Roll No. \_\_\_\_\_ admitted in \_\_\_\_\_

of Institute of \_\_\_\_\_, Nirma University, do hereby declare and undertake that I will refrain myself from consumption of Drug and Alcohol.

I have read the relevant instruction against the use of drugs & alcohol. I know that the use/possession of narcotics drugs and Alcohol is a punishable offence under the law of the Government of Gujarat and if I am found guilty of using such thing, then it will amount to a criminal offence and I am liable for the appropriate penalty as per laws. I hereby give an undertaking to the Institute that I will refrain myself from consumption of Drug and Alcohol.

Date: \_\_\_\_\_

Place: \_\_\_\_\_ Signature of student

Name of Parent/Guardian: \_\_\_\_\_

I undertake that I will take utmost care to see that my ward does not get involved in any such incident.

Signature of Parent/Guardian: \_\_\_\_\_

Address of Parent/Guardian with contact nos.: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_