



# RDS

# College of Pharmacy

*Shaping the Career*

Approved by AICTE & Ministry of HRD Govt. of India  
Recognised by Pharmacy Council of India  
Affiliated by AKTU, Lucknow (UP) B. Pharma  
Affiliated by BTE, Lucknow (UP) D. Pharma

**Courses Offered :**

**B. Pharma**

**D. Pharma**



## VISION

Like our former president Dr. A.P.J. Abdul Kalam, it is our wishful thinking to visualize 100% literacy in the nation by 2020 by fulfilling our sacred duty of providing a platform which is very essential and aims at multi- dimensional objectives to take youngsters to glorious heights in different fields and transforming them into tomorrow's entrepreneurs who will be proficient in their respective fields.

At Innovative, we have the zeal to groom leaders who are not only thorough professionals but also good human beings with good values & excellent interpersonal skills. We aim to be a world class center for professional learning driven by professionalism, dynamism, innovation and a good value system.

## RDS COLLEGE OF PHARMACY

Where pioneering spirit meets 21st century technology & which is known for:

- Renowned faculty
- Unlimited learning opportunities
- Vibrant student life
- New Ideas to generate and give new shape to the world







## *Chairman Message*

**T**he fast changing business environment is changing the mindset of the professionals. Today, nobody thinks only of winning the country's markets, the view is on global markets and to get access to unexplored international business potential. The risks are high but the lure of returns is attracting corporates to new pastures. The future promises are to be even more challenging. A Professional today has to be much more familiar with the changing economic and business scene and should be in a position to use skills to best advantage. Innovative Institute has a crucial role to play in the changing environment. We at Innovative train the upcoming professionals not just in the traditional subjects, but also go much beyond the contemporary issues that affect today's businesses.

The global economy is poised for high growth and only professionals who can cope with this challenging environment can become successful. Our curriculum addresses a higher degree of awareness to change and train the new generation professionals in skills that make them effective and efficient professionals. We need to train them not only to become professionals but also to be effective leaders. Professionals should function with a vision that transcends boundaries and a quality of learning and implementation as well. The Institute has enormous responsibility in building the confidence and leadership qualities in the upcoming professionals and to mould their whole personality.

We at Innovative Institutes have a vision that symbolizes dynamism and human values. We have worked out a curriculum that would dynamically address the issues of the future which will bring confidence and leadership in students. Come, join and share our vision for a bright future.

**Sandeep Singh**

## COURSES OFFERED

### **BACHELOR OF PHARMACY (No. of Seats: - 100 per year)**

**Recognised by :-** AICTE, Ministry of HRD, Govt. of India & U.P. Govt., Approved by PCI, New Delhi

**Affiliating University :-** Dr. APJ Abdul Kalam Technical University, Lucknow.

**Course Structure :-** The B.Pharm Course has been specially designed by Dr. APJAKTU for those who are eager to acquire professional skill in the field of pharmaceutical education. This definitely provides employment and business opportunities anywhere across the globe. The course has been divided into eight semesters, which include theory & practicals besides project work and industrial exposure.

**Eligibility Criteria :-** 10+2 with 50% in PCB/PCM or Diploma in Pharmacy with minimum 50% marks from any recognized Technical Board. Lateral Entry :- D.Pharm with 60%.

### **DIPLOMA IN PHARMACY (No. of Seats :- 60 per year)**

**Recognised by :-** AICTE, Ministry of HRD, and Govt. of India & U.P. Govt., Approved by PCI, New Delhi

**Affiliating Board :-** Board of Technical Education U.P

**Course Structure :-** This Course is a 2 year programme based on yearly examination system, which includes theory & practicals besides individual training.

**Eligibility Criteria:-** 10+2 with 50% in PCB/PCM

### **Career in Pharmacy**

- Production & Manufacturing
- Research & Development
- Quality Control/Quality Assurance
- Marketing
- Hospital Pharmacy
- Forensic Pharmacy
- Clinical trials
- Community Pharmacy
- Academic & Research
- Regulatory affairs/IPR
- Opportunity to go Abroad
- Pharmacovigilance
- Medical writing





## ADMISSION PROCEDURE

### 1. Admission

- 1.1. Admission to the B. Pharm. First semester in 1st year and lateral admission in B. Pharm. Second Year in 3rd semester (for diploma holder candidates only) will be made as per the rules prescribed by the Academic Council of the Dr. APJAKTU Technical University, Lucknow
- 1.2. Admission on account of migration of a candidate from any other University to UP Technical University is not permitted.

### 2. Eligibility for Admissions:

#### 2.1. Admission through Entrance Examination:

- (i) Candidates who have passed 10+2 Intermediate from U.P. Board or from other Boards with Physics and Chemistry as compulsory subject along with one of the following subjects.

**Subjects :-** Mathematics/Bio-Technology/Computer Science/Biology are eligible for Admission to 1st Year of B. Pharmacy Course offered by private colleges/Institutions of U.P.

- (ii) Candidates who have passed 2 year Diploma (with minimum 60% marks) from institutions recognized by the U.P. Board of Technical Education in Pharmacy are only eligible for admission to Second year of B.Pharm.

#### 2.2. Direct admission on vacant seats at Institution/College level:

The eligibility criteria for direct admission on seats remaining vacant in first year after entrance examination counseling shall be such as may be notified from time to time

## Training and Placement Cell

The Placement Cell constantly keeps in touch with the Industry to ascertain the technology advancement and plans well in advance for bridging any gap in addition to what students learn in their curriculum. The success of the Placement Cell is evident from our alumni occupying positions at the best opted for companies in the country.

The students are provided the platform for developing interpersonal, technical, and business skills, so that they can face the global challenges of today and the future.

## B.Pharma Study Scheme

### FIRST YEAR

#### SEMESTER-Ist

##### THEORY:

- Pharmaceutical Chemistry-I(Inorganic Pharmaceutical Chemistry)
- Pharmaceutics-I (General Pharmacy)
- Anatomy, Physiology and Pathophysiology-I
- Pharmaceutical Analysis-I
- Computer Fundamentals

##### PRACTICAL/PROJECT

- Pharmaceutical Chemistry-I (Inorganic Pharmaceutical Chemistry)
- Pharmaceutics-I (General Pharmacy)
- Anatomy, Physiology and Pathophysiology-I (Project)
- Pharmaceutical Analysis-I

#### SEMESTER-IIInd

##### THEORY

- Pharmaceutical Chemistry-II (Organic Pharmaceutical Chemistry)
- Pharmaceutical Chemistry-III (Pharmaceutical Physical Chemistry)
- Anatomy,Physiology and Pathophysiology-II
- Pharmacognosy-I
- Pharmaceutical Biostatistics

##### PRACTICAL/PROJECT

- Pharmaceutical Chemistry-II (Organic Pharmaceutical Chemistry) Practical
- Pharmaceutical Chemistry-III (Pharmaceutical Physical Chemistry)
- Anatomy, Physiology and Pathophysiology-II
- Pharmacognosy-I
- Pharmaceutical Biostatistics Project

### SECOND YEAR

#### SEMESTER-IIIrd

##### THEORY

- Pharmaceutical Chemistry-III (Heterocyclic & Bioorganic Chemistry)
- Pharmaceutics-II (Unit Operations)
- Pharmaceutics-III (Hospital & Community Pharmacy)
- Anatomy, Physiology & Pathophysiology-III

##### Pharmacognosy-II

##### PRACTICAL/ PROJECT

- Pharmaceutical Chemistry-III (Heterocyclic & Bioorganic Chemistry)
- Pharmaceutics-II (Unit Operations)
- Pharmaceutics-III (Hospital & Community Pharmacy)
- Anatomy, Physiology & Pathophysiology-III Project
- Pharmacognosy-II
- AUC-001 Human Value & Professional Ethics
- AUC-002 Cyber Security



## SEMESTER-IVth

### THEORY

- Pharmaceutical Chemistry-IV (Molecular Biology & Biochemistry)
- Pharmaceutics-IV (Physical Pharmacy)
- Pharmaceutics-V (Cosmetic Technology)
- Pharmaceutical Analysis-II

### PRACTICAL/ PROJECT

- Pharmaceutical Chemistry-IV (Molecular Biology & Biochemistry)
- Pharmaceutics-IV (Physical Pharmacy)
- Pharmaceutics-V (Cosmetic Technology)
- Pharmaceutical Analysis-II
- Pharmaceutical Jurisprudence Project
- AUC-002 Cyber Security
- AUC-001 Human Value & Professional Ethics

## THIRD YEAR

### SEMESTER-Vth

### THEORY

- Pharmaceutical Chemistry-VI (Medicinal Chemistry-I)
- Pharmaceutics-VI (Pharmaceutical Technology-I)
- Pharmaceutics-VII (Pharmaceutical & Food Microbiology)
- Pharmacology-I (Pharmacology & Toxicology)
- Environment & Ecology

### PRACTICAL/PROJECT

- Pharmaceutical Chemistry-VI (Medicinal Chemistry-I)
- Pharmaceutics-VI (Pharmaceutical Technology-I)
- Pharmaceutics-VII (Pharmaceutical & Food Microbiology)
- Pharmacology-I (Pharmacology & Toxicology)
- Hospital Training-I

## SEMESTER-VIth

### THEORY

- Pharmaceutical Chemistry-VII (Medicinal Chemistry-II)
- Pharmaceutics-VIII (Pharmaceutical Technology-II)
- Pharmacology-II
- Pharmacognosy-III
- Professional Communication

### PRACTICAL/PROJECT

- Pharmaceutical Chemistry-VII (Medicinal Chemistry-II)
- Pharmaceutics-VIII (Pharmaceutical Technology-II)
- Pharmacology-II
- Pharmacognosy-III
- Industrial Training

## FORTH YEAR

\*To be updated till forthcoming session



## BOARD OF TECHNICAL EDUCATION (D. Pharm)

### D.Pharm ( 1st year)

#### Theory

1. Pharmaceutics-I
2. Pharmaceutical Chemistry-I
3. Pharmacognosy
4. Biochemistry & Clinical Pathology
5. Human Anatomy & Physiology
6. Health Education & Community Pharmacy

#### Practical

1. Pharmaceutics-I
2. Pharmaceutical Chemistry-I
3. Pharmacognosy
4. Biochemistry & Clinical Pathology
5. Human Anatomy & Physiology

### D.Pharm ( 2nd year)

#### Theory

1. Pharmaceutics-II
2. Pharmaceutical Chemistry-II
3. Pharmacology & Toxicology
4. Pharmaceutical Jurisprudence
5. Drug Store & Business Management
6. Hospital & Clinical Pharmacy

#### Practical

1. Pharmaceutics-II
2. Pharmaceutical Chemistry-II
3. Pharmacology & Toxicology
4. Hospital & Clinical Pharmacy

RDS COLLEGE  
OF PHARMACY

***“Aims at Multi-dimensional  
Objectives to take the Individuals  
at glorious heights”***

### **Our Placement Partners**

- |   |                                      |
|---|--------------------------------------|
| 1. Cipla Ltd.                           | 2. Johnson & Johnson                 |
| 3. Dey's Medicals Ltd.                  | 4. Tablets (India) Ltd.              |
| 5. Morepen Ltd.                         | 6. Aglowmed Ltd.                     |
| 7. TTK Health Care                      | 8. Solvmed Pharmaceuticals Pvt. Ltd. |
| 9. ACME Therapeutics India Pvt. Ltd.    | 10. Aidonak Healthcare Pvt. Ltd.     |
| 11. Healogics Pharmaceuticals Pvt. Ltd. | 12. Reflex Healthcare Pvt. Ltd.      |
| 13. Medinex Healthcare Pvt. Ltd.        | 14. Bio-Care Organics Pvt. Ltd.      |
| 15. Geno Pharmaceuticals Pvt. Ltd.      | 16. Joss Biotec Pvt. Ltd.            |
| 17. MSR Pharmaceuticals Pvt. Ltd.       | 18. Arrow Pharmaceuticals Pvt. Ltd.  |
| 19. Fullford India                      | And Many More                        |



# **R.D.S. College of Pharmacy**

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