

## ADMISSION OFFICERS

Chief Admission Officer	:	Prof (Dr) D.P Pathak
M. Pharm Course	:	Dr.D.K.Majumdar, Dr.R.B.Bodala, Mr. Anil
B. Pharm Course	:	Mrs.R.Chaudhary, Mrs. Manju Vyas, Mr. Sachin
D. Pharm Course	:	Mr. Bhagchand, Dr.Monica Gupta, Mr. Aseem

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**“The courses offered and sanctioned capacity may change”**





## *Director's Message*

**D**elhi Institute of Pharmaceutical Sciences and Research (DIPSAR) is a premier Institute with a clear vision and mission of training students in pharmaceutical sciences starting from Diploma Program where they will be imparted knowledge and training to equip them to work in hospital, retail pharmacy, repacking units and cosmetic industries. In B. Pharm Program they are given a broad outline of pharmaceutical sciences in theoretical as well as practical aspects to equip them to work in drug regulatory agencies, analytical pharmacy and manufacturing pharmacy and in M. Pharm Program they have eight postgraduate courses to choose from in subjects like Pharmacology, Pharmaceutics, Pharmaceutical Chemistry, Hospital Pharmacy, Herbal Drug Technology, Clinical Research, Quality Assurance and Pharmaceutical Management which will equip them to work both in Academic Institutions as well as Pharmaceutical Industries.

We have a team of dedicated faculty and laboratory staff and supporting administrative staff who are ever striving to prepare the students to face the challenges of Pharmaceutical Industry and Academia. DIPSAR boasts of state-of-art infrastructure that includes well stocked library, indoor and outdoor sports facilities, food court, 24-h internet facility etc. In addition there are six hostels (two for boys and four for girls with mess facility) that provide comfort, safety and academic and esthetic ambience to out-station students.

I take the privilege to invite the aspiring, meritorious students to join the institute and contribute positively in health care of the nation.

  
Prof. (Dr) B.P. Srinivasan

## INSTITUTIONAL PROFILE

**D**IPSAR is a premier institution known for its high standards in teaching and research in Pharmaceutical Sciences. It was established in 1964 as Department of Pharmacy of the Kashmere Gate Polytechnic for imparting Diploma in Pharmacy. It moved to the present campus



in 1979 and since then has developed into a well equipped institute aiming for the highest standards in academic excellence. It has been constantly churning out top class pharmaceutical scientists & Pharmacist significantly contributing towards health care.

## MOTTO

- To produce high-class Pharmaceutical Scientists by awarding Ph.D, M. Pharmacy degrees to meet the global requirements for Drug Discovery and Development, Quality Assurance and Regulatory Affairs etc.
- To produce high class Industrial/Community Pharmacist to serve ailing community by awarding B. Pharmacy and D. Pharmacy.

- To conduct research in national thrust areas like anti-fertility & infertility, clinical research, development of drugs for ocular diseases, anti-cancer, hepato-protective, ant-diabetic drugs in diabetes & its complication, anti asthmatic drugs, analytical method development of drugs in dosage form, novel drug delivery, isolation and characterization of active principle(s) from herbal sources, herbal drug standardization etc.
- To disseminate information regarding pharmacological actions of various drugs, especially, therapeutic uses, pharmacovigilance, drug-drug Interaction, drug- food Interactions etc. to the general public. Also to provide information regarding antidotes for various poisons to medical & bio-medical personnel & general public through MAPIC (Medicine and Poison Antidote Information Centre).
- To upgrade skills & qualification of Pharmacy College teachers across the country (under QIP of AICTE, Govt. of India).

## VISION OF DIPSAR

Delhi Institute of Pharmaceutical Sciences and Research (DIPSAR) is serving with a vision to prepare quality pharmacists at various levels for our country. Adequate guidance, extensive training with broad vision is provided to students through multi dimensional programmes by the experienced faculty coupled with latest tools and techniques in Pharmaceutical Sciences to make them potential leaders in the profession of pharmacy.

In addition to the existing departments (Pharmacology, Pharmaceutics, Herbal Drug technology, Pharmaceutical Chemistry, Pharmaceutical Management, Hospital Pharmacy, Quality Assurance and Clinical Research), it has been planned to expand and diversify the Institute further by opening additional centre to cater the needs of academia , industry & profession.

The Lt. Governor, GNCT of Delhi has declared the first Pharmacy University of India, and perhaps Asia by the name of Delhi Pharmaceutical Sciences & Research University, a state university, w.e.f. 1st Feb, 2010 was enacted by Govt. legislation on 11th September, 2008.



G.K. Naryanan Auditorium of DIPSAR

## FACULTY

Director (Officiating), DIPSAR & Professor of Pharmacology & Head Dept of Quality Assurance : Professor ( Dr. ) B.P.Srinivasan

### I. Department of Pharmacology

- |                             |  |
|-----------------------------|--|
| 1. Prof (Dr) S.S. Agrawal   | Professor in Director Scale & Head Department of Pharmacy, DU & Head, Department of Pharmacology, DIPSAR |
| 2. Prof (Dr) B.P Srinivasan | Professor  |
| 3. Mrs. R. Choudhary        | Associate Professor  |
| 4. Dr. Rajani Mathur        | Assistant Professor  |
| 5. Mrs. S.Latha             | Assistant Professor  |
| 6. Dr. Maneesha Pandey      | Lecturer (Contractual)   |
| 7. Mr. Sachin Kumar         | Lecturer (Contractual)   |

### II. Department of Pharmaceutics

- |                          |   |
|--------------------------|---|
| 1. Dr. D.K. Majumdar     | Associate Professor                                     |
| 2. Dr. P.K. Sahoo        | Associate Professor(on AICTE deputation)                |
| 3. Mr. Bhag Chand        | Associate Professor                                     |
| 4. Dr. Meenakshi Chauhan | Assistant Professor                                     |
| 5. Sh. S.L. Nasa         | Lecturer (Part time), Registrar, Delhi Pharmacy Council |
| 6. Dr. Sarika Madan      | Lecturer (Contractual)                                  |
| 7. Mr. Aseem Kumar       | Lecturer (Contractual)                                  |
| 8. Mr. Anil Kumar        | Lecturer (Contractual)                                  |
| 9. Mr. Satish Manchanda  | Lecturer (Contractual)                                  |

### III. Department of Pharmaceutical Chemistry

- |                      |   |
|----------------------|---|
| 1. Prof. D.P. Pathak | Professor                                       |
| 2. Dr. S.R. Wakode   | Associate Professor                             |
| 3. Mrs. Amrita Parle | Associate Professor (Head, Diploma in Pharmacy) |
| 4. Dr. R.B. Bodala   | Assistant Professor                             |
| 5. Dr. Monica Gupta  | Assistant Professor                             |
| 6. Mrs. Jyoti Das    | Lecturer (Contractual)                          |
| 7. Mr. Amit Arora    | Lecturer (Contractual)                          |

### IV. Department of Pharmacognosy and Phytochemistry

- |                           |                        |
|---------------------------|------------------------|
| 1. Mrs. Manju Vyas        | Associate Professor    |
| 2. Mr.P. N Raju           | Associate Professor    |
| 3. Mrs. Supriya Agnihotri | Lecturer (Contractual) |
| 4. Mrs. Sakshi Bajaj      | Lecturer (Contractual) |

### V. Department of Clinical Research

- |                     |   |
|---------------------|---|
| 1. Prof. S.K. Gupta | Ex-Professor & Head, Dept of Pharmacology, AIIMS Professor Emeritus & Principal Investigator DST Projects |
| 2. Mr. G.N. Ray     | Assistant Professor (Contractual)   |

### ADDITIONAL FACULTY (PhD research scholars)

1. Mr. Ashok Kumar (Pharmacology)
2. Mrs. Divya (Pharmaceutical Chemistry)
3. Miss. Sarita Saraswati (Pharmacology)
4. Mr. Vishal Dubey (Pharmaceutical Chemistry)
5. Mr. Sumeet Gullaiya (Pharmacology)
6. Miss. Jemi Jacob (Pharmaceutical Chemistry)
7. Mr. Jitendra Kawadkar (Pharmaceutics)
8. Mr. Ashutosh Shukla (Pharmacology)
9. Mr. Rajesh Katara (Pharmaceutics)
10. Miss Mani Sharma (Pharmaceutical Chemistry)
11. Mr. Subhash Chand Dadarwal (Pharmaceutics)
12. Mr. Varun Singh (Pharmacology)
13. Mr. Ashish Nagar (Pharmacognosy)
14. Ms. Salma Naqvi (Pharmacology)
15. Dr. Sushant Sole (Pharmacology)
16. Mr. Atul Akarte (Pharmacology)
17. Ms. Sonia Gandhi (Pharmacology)



Ocular Pharmacology Laboratory



UG Pharmacognosy Lab

### RESEARCH STAFF

1. Dr. Sushma Srivastava Research Scientist (DST Project)



Pharmaceutical Chemistry laboratory

### ADMINISTRATIVE BRANCH

Administrative Officer (DANICS)	Smt. Anita Rana
Officer Superintendent P.A to Director	Sh. Kisalay Kr Singh Smt. Sudesh Kalia Smt. Anjula Bharti
P.A to Project Director, DPSR-U	Smt. Rita Miglani



Guest Lecture by Dr. Burande.

Head Clerk	Sh. J.M.Beck
Store Incharge	Sh. N.K.Srivastava
Store Keeper (Contractual)	Ms. Bimla Rawat
UDC (Students' Section)	Sh. Om Prakash
UDC	Sh. Sudip Banerjee
LDC	Sh N. K Paswan
LDC	Sh. Dalbir Singh

#### Accounts Section

Drawing & Disbursing Officer/AAO	Sh. Ranjeet
Cashier	Sh. Rajesh Batra

#### Library Staff

Librarian	Mr. Sen Gupta
Professional Assistant	Mr. C Lal
Library Attendant	Ms. Namrata
Attendant	Mr. Jagdish

#### LABORATORY STAFF

- Mr. Rameshwar Dayal (Lab Assistant)
- Mr. Mahabir (WSA)
- Mr. Dharamveer (WSA)
- Mr Man Singh (Lab Attendant)
- Mr. Sukhbir Singh (WSA)
- Mr. Pradeep Kumar (Lab Attendant)
- Mr. Ram Narayan (Lab Attendant)
- Mr. K.N. Neogi (Glass Blower)
- Mr. Syed Mohd. Asif (Sr. Lab assistant) (Contractual)
- Mr. S. K. Sinha (Lab assistant) (Contractual)
- Ms. Neeta Rathore (Lab assistant) (Contractual)
- Mr. Sujoy Robinson (Lab assistant) (Contractual)

- Mr. Denesh (Lab assistant) (Contractual)
- Mr. Mohit (Lab assistant) (Contractual)
- Ms. Deepali (Lab assistant) (Contractual)
- Mr. Naresh (Animal Attendant) (Contractual)

#### SPORTS INCHARGE

- Mr. H.K.Sharma (PTI)

#### COURSES OFFERED

All the courses are co-educational. The D.Pharma & B.Pharma courses conducted by the Institute are recognized by both Pharmacy Council of India (PCI) and All India Council for Technical Education (AICTE). M.Pharm courses and PhD programmes are also recognized by Delhi University. All the examination and admissions are conducted by University of Delhi.

Course	Duration (years)	Maximum Intake Capacity/ year
<b>B. Pharm.</b>	4	60
<b>M. Pharm<sup>@</sup>.</b>		
Pharmacology	2	5
Pharmaceutics	2	5
Hospital Pharmacy	2	5
Quality Assurance	2	18
Pharmaceutical Chemistry	2	8
Clinical Research	2	8
Pharmaceutical Management*	2	5
Herbal Drug Technology*	2	5
Quality Improvement Program for teacher candidates	2	6(Two each in the discipline of pharmacology, Pharmaceutics& Hospital Pharmacy) Through registry of foreign students Delhi University
Foreign students	2	

<b>Ph.D<sup>@</sup></b> <b>Stipendary category (Rs.14,000+HRA/Hostel accommodation)</b> (Separate advertisement will be placed) <sup>@</sup> Intake will vary subject to availability of staff & Infrastructure	2 Years (minimum registration period)	20
<b>QIP (For sponsored teachers)</b>	2 Years (minimum registration period)	3
<b>Other Govt. Funded Agency (DBT, CSIR, ICMR, DST, UGC)</b>	2 Years (minimum registration period)	Depending upon availability of fellowships
<b>B.Pharm.(II<sup>nd</sup> year Lateral entry)</b>	3	10% (6seats)
<b>D. Pharm.</b>	2	120

\*Approved by DU but not AICTE.

## ALLOCATION OF SEATS

Courses	Duration	Delhi Category				Non-Delhi Category							Total
		G	SC	ST	OBC	G	SC	ST	F	X	O	Defence	
B. Pharm. 1 <sup>st</sup> yr.	4Years	35	7	3	-	5	1	1	3	1	1	3	60
D. Pharm. 1 <sup>st</sup> yr.	2Years	75	15	7	-	12	2	1	1	0	1	6	120
B. Pharm. 2 <sup>nd</sup> yr.	3Years	DEPENDING ON VACANT SEATS (10% of total seats)											

G-General Category, SC-Schedule Caste, ST-Scheduled Tribe, F- Foreign Candidates, X- Ministry of External Affairs, O- Other states

Note:OBC category reservation exists based on Govt of NCT guidelines, Sports quota & reservation for Kashmiri migrant as per guidelines of Delhi University.

**Outside Delhi Region:** Students passing from schools/Institutes located outside the Union Territory of Delhi including NCRs (15%)

**Handicapped Students:** Reservation of seats for the handicapped candidates will be done as per the guidelines of University of Delhi. The Physically Handicapped Students are advised to get themselves registered with Dean, Students Welfare, North Campus, and University of Delhi in order to consider their cases for admission to Degree and Diploma course.



Information Technology Laboratory for PG students at the DIPSAR

## ADMISSION FORMALITIES

### ELIGIBILITY CRITERIA FOR VARIOUS COURSES

#### BACHELOR OF PHARMACY (1<sup>ST</sup> YEAR)

Senior School certificate Examination of the Central Board of Secondary Education, New Delhi (12 year Course) or the Indian School Examination with 60% or above marks in aggregate in the three Science subjects (Physics, Chemistry and Biology) from Recognized Schools in the Union Territory of Delhi.

OR

Any other examination (12 year course ) recognized by Indian University or Board with minimum of 60% marks in the aggregate of the compulsory subjects namely, Physics, Chemistry and Biology.

OR

Intermediate examination in science with 60% and above marks in aggregate in the three Science subjects (Physics, Chemistry and Biology)

Candidates who have been awarded grades in the examination which make them eligible for admission should also submit conversion certificate of numerical marks from the concerned authority. The candidates who have passed 10+2 Examination from **Open School** are **NOT ELIGIBLE** for admission to B. Pharm. 1<sup>st</sup> year.

## DIPLOMA COURSE IN PHARMACY (2 YEARS COURSE)

Candidates seeking admission to Diploma Course in Pharmacy must have passed any of the following examinations.

Senior School Certificate Examination of the Central Board of Secondary Education, New Delhi (12 years course)/ Indian School Examination With 60% and above marks in aggregate in the three science subjects (Physics, Chemistry and Biology or Maths ) from recognized schools in the Union Territory of Delhi.

OR

Any other examination (12 year course ) recognized by Indian University or Board with minimum of 60% marks in the aggregate of the compulsory subjects namely, Physics, Chemistry and Biology or Mathematics.

OR

Intermediate examination in science with 60% and above marks in aggregate in the Science subjects (Physics, Chemistry and Biology or Maths). No equivalence or Hr. Sec (Vocational Stream) will be considered for admission to D. Pharm. 1st year. The candidates who have passed 10+2 examination from **Open School are NOT ELIGIBLE** for admission to D. Pharm course.

### AGE REQUIREMENT FOR ADMISSION TO B. PHARM. 1<sup>ST</sup> YEAR & D. PHARM. 1<sup>ST</sup> YEAR

No Candidate shall be qualified for admission to the course unless he/she is seventeen years of age before the first day of October, of the year he/she seeks admission.

Candidates born on/or before 30th September, 1994 are eligible to apply for admission to the course. The Vice-Chancellor may, however, on the

basis of individual merit relax the age limit upto a maximum period of one year.

## B. Pharm. 2<sup>nd</sup> Year (Subject to the availability of seats)

Candidates seeking admission to 2nd year B. Pharmacy course having passed the (i) Senior Certificate Examination of the Central Board of Secondary Education with Physics, Chemistry, Biology (12 years course) or an examination recognized equivalent there to and (ii) Diploma course in Pharmacy (two years) New scheme examination of University of Delhi will be eligible for admission to 2nd year of Degree Course strictly in order of merit.

The candidate who will be admitted to the B. Pharm. 2<sup>nd</sup> year course will have to pass the following additional papers viz. Mathematics, Basic Electronics and Computer Science of B. Pharm 1<sup>st</sup> year.

Candidates born on or before 30th September, 1992 are eligible for admission to the course

## M. PHARM. COURSES

1. **Minimum eligibility for admission to M. Pharm. Course** (Pharmacology, Pharmaceutics, Hospital Pharmacy, Quality Assurance, Clinical Research, Pharmaceutical Chemistry, Herbal Drug Technology, Pharmaceutical Management)

Candidate seeking admission to the M. Pharm, course must have passed the Bachelor of Pharmacy examination with at least 50% in the aggregate of theory papers of II, III and IV year from University of Delhi and equivalent there to. GPAT QUALIFIED CANDIDATES SHALL BE CONSIDERED FOR ADMISSION. In case GPAT candidates are not available, **NON GPAT** candidates can be considered for admission, on the basis of merit.

## 2. Basis of Selection

First 85% of the total seats will be filled by graduates of University of Delhi with GPAT in order of preference of disciplines. Remaining 15% seats will be filled by Non-DU Candidates with GPAT passing B. Pharm examination recognized by University of Delhi as equivalent. The merit list of candidates for admission to 85% seats from DU students will be in accordance with the following criteria:

- ▲ 40% weightage for theory marks in B.Pharm II,III,IV year
- ▲ 20% weightage for practical marks in B.Pharm II, III, IV year
- ▲ 40% weightage for GPAT score

For remaining 15% seats for non-DU students- 100% GPAT score will be the criteria. In case of more than one candidate with the same score, preference will be given to the candidate who is older in age. In case sufficient number of DU students is not available against the 85% of seats, the seats will go to non-DU students with GPAT qualification. Order of preference as indicated in the admission form for the various M. Pharm courses shall not be allowed to be changed, after submission of the form. After exhaustion of candidates from GPAT Delhi University and non Delhi University if seats still remains vacant they will be considered further, if seats still remains vacant the non Delhi University, NON GPAT can be considered, if possible.

## 3. Age Requirement

Candidates seeking admission to M. Pharm. (previous) course must be at least 21 years of age before the 1st day of October, in which he/ she seeks admission. Candidates born on or before 30th September, 1990 are eligible to apply for admission.

## 4. Duration

The course will commence from 1-8-2011 to 31-7-2013. Scholarship to the maximum period of 24 months will be paid during the session as approved by Ministry of Human Resource Development to those who have qualified GPAT examination. One academic year will be devoted by each student for research leading to thesis.

## 5. Grant of Fellowship (To be governed by rules of AICTE)

The following terms and conditions will govern the grant of scholarship:

- a. M.Pharm is a full-time course (ie, minimum from 9:00 AM to 6:00 PM, for six days a week).
- b. It will be obligatory for every postgraduate student to undertake **8-10 hours (per week) of work related to teaching** and research activities as assigned to him/her by the institute. This could include UG teaching assistance in the form of conducting tutorials, laboratory classes, development and maintenance of laboratories, assistance in research and development activities undertaken by faculty members, maintenance and operation of computers and other central facilities, assistance in library etc. The students who actively participate will only be given Teaching Experience Certificate at the end of the course.
- c. Whenever the Government of India/University Grants Commission/ Council of Scientific and Industrial Research/Industry sponsored or AICTE funded projects are being undertaken, the services of the students may be used for providing assistance in these projects. In that event a portion of scholarship amount i.e. Rs. 1500/- per month for the time being will be charged to the project funds for the duration the students are engaged on these projects. The institute will workout specific program and maintain the record of such students.

- d. During the course of studies, the student shall not receive any emoluments, salary, stipend etc. from any other source.
- e. In no case will the scholarship be allowed for a period of more than 24 months.
- f. No house rent allowance (HRA) is admissible to the student receiving scholarship.
- g. The student shall be eligible for medical facilities as per institute/college rules.
- h. Foreign students and students admitted under sponsored category will not be eligible for these scholarships.
- i. The student shall be entitled for leave for a maximum period of 30 days per year in addition to general holidays but is **not entitled** to vacations i.e. summer, winter, pooja etc.
- j. The students who are admitted to AICTE approved M. Pharm level courses will only be eligible to receive the scholarship. provided they are qualified in GPAT.
- k. The students have to provide an undertaking that they shall abide by the abovementioned clauses.
- l. A student shall be required to give an affidavit to the effect that he/she would not leave the course midway or appear in any competitive examination in order to be eligible to receive this scholarship. In case the student leaves the course midway, he/she will have to return the drawn fellowship amount with 18% interest.
- m. The AICTE/Institute/University of Delhi may impose any other conditions as deemed necessary from time to time.
- n. As per Pharmacy Ordinance, the students are required to have minimum 75% of attendance (both in theory and practical) to be eligible to appear in final examination.

#### 6. Submission of Application and Display of Merit List

The final merit list for all categories of M. Pharm. will be displayed within 30 days after the declaration of B. Pharm results by University of Delhi. Admission to various courses will be offered to the candidates strictly according to the order of merit given in the merit list.

For this, candidates must sign the arrival register giving the time and date of their arrival at the Institute and receive the reporting slip between 10.00 a.m. to 5.00 p.m. Admission will be offered to a candidate when he/she produces the reporting slip on the date of admission.

#### Ph. D. Programme

At present the maximum number of seats for Ph. D in stipendary category, as funded by Delhi Government is 20. Besides three seats for AICTE sponsored candidates under QIP scheme for sponsored teacher candidates, in various discipline of Pharmacy under Delhi University are available in the Institute.

Besides this, preference in admission to Ph. D. will be given to candidates who are awarded fellowship from any other recognized funding agency like UGC, CSIR, HRD, ICMR, DS&T, AICTE, AYUSH, DRDO, DBT Ministry of Health, or a private agency etc.

#### RESERVATIONS

##### Provision for Schedule Caste/Schedule Tribe/Other Backward Class Candidates

22.5% of the total number of seats (15% for Schedule Castes and 7.5% for Schedule Tribes) of the course are reserved for Schedule Caste and Schedule Tribe candidates. The reservation of seats for OBC candidates, if any in this year, will be implemented in accordance with the reservation policy of the Delhi Government and will be displayed on the website.

Each Schedule Caste/Schedule Tribe candidate who has passed the qualifying examination for the course concerned may be given 5% relaxation. If the reserved seat still remains vacant, further relaxation shall be given to the extent required in order to fill up all the reserved seats.

A Schedule Caste/Schedule Tribe candidate while applying for registration for any of the course will be required to submit a verified certificate to the effect the he/ she belongs to Schedule caste/ Schedule Tribe, from the competent authority with the application form. These certificates are duly verified by the Chief Admission Officer.

- (i) District Magistrate/Additional District Magistrate/Deputy Commissioner/Collector/Additional Deputy Commissioner/Deputy Collector/1st Class Stipendiary Magistrate/Extra Assistant Commissioner
- (ii) Chief Presidency Magistrate/ Additional Chief Presidency Magistrate/Presidency Magistrate
- (iii) Revenue Officer not below the rank of Tehsildar. Class Stipendiary Magistrate/Extra Assistant Commissioner
- (iv) Sub- Divisional Officer of the area where the candidate and /or his/ her family normally resides.
- (v) Administrator/Secretary to Administrator/Development Officer (Lakshwadeep and Minicoy Island).

As per Academic resolution No.23 dated 16.5.2001 and 4.7.2001 of University of Delhi, no seats shall be reserved for SC/ST in M. Pharm course where the number of seats is less than 7 in each discipline.

Provision for Children/Widows of the Officers and men of the Armed forces including paramilitary personnel killed or disabled during hostilities and also who died on duty (Defence Category).

- (i) the Children/Widows of the officers and men of the Armed Forces including paramilitary personnel killed or disabled during hostilities and also who died in duty will be given concession of 5% marks in the minimum eligibility conditions as per rules of University of Delhi.

- (ii) Children /Widows of Officers and men of the Armed Forces including para-military personnel who died while on duty will be considered for admission against 5% seats for all the Armed forces including paramilitary personnel, killed or disabled in action in wars 1947-48 onwards.

**In the above 2 categories seats will be offered in the following order of preference:**

- i. Widows/Wards of Defence-paramilitary personnel killed in action.
- ii. Wards of serving personnel and Ex-servicemen disabled in action.
- iii. Widows/Wards of Defence-Paramilitary personnel who died in peace time with disability attributable to military service.
- iv. Wards of Defence-Paramilitary personnel who died in peace time with disability attributable to military service.
- v. Wards of Ex-servicemen and serving personnel who are in receipt of Gallantry Awards:-
  - a. Param Vir Chakra
  - b. Ashok Chakra
  - c. Sarvottam Yudh Seva medal
  - d. MahaVir Chakra
  - e. Kirti Chakra
  - f. Uttam Yudh Seva medal
  - g. Vir Chakra
  - h. Shaurya Chakra
  - i. Yudh Seva medal
  - j. Sena, Nausena, Vayusena medal

- vi. Wards of ex-serving personnel.
- vii. Wards of serving personnel.

In order to become eligible for the above concession the widows/ children of officers and men of Armed Forces including paramilitary personnel will be required to produce an entitlement certificate from any one of the following authorities.

- (a) Secretary, Kendriya Sainik Board, Delhi
- (b) Secretary, Rajya/Zila Sainik Board
- (c) 1<sup>st</sup> Class Stipendiary Magistrate.

#### **Admissions of students to various courses in academic session 2011-12 in view of the OBC reservations**

1. The reservation of seats for OBC candidates, if any, will be implemented in accordance with the reservation policy of the Delhi Government.

#### **Candidates belonging to State where there is no Diploma Course in Pharmacy**

Candidate from state where there is no Diploma Course in Pharmacy will be admitted against two seats reserved for such States by Ministry of H.R.D., Government of India provided they fulfill minimum eligibility conditions laid down in this regard. Direct applications from candidates under this category shall not be entertained.

Such candidates must have passed the Qualifying Examination from the State to which they belong and must be nominated by the State Government concerned on the allocation made by the

**Ministry of Human Resource Development, Deptt. of Education, Government of India, to the Director, Training and Technical Education, Munimayaram Marg, Pitampura Delhi-34**

**Last Date for receipts of such application will be 08-07-2011.**

#### **Foreign National And Candidates Belonging To The Countries/States Where There Is No Degree Institute In Pharmacy**

Three seats for foreign National and one seat for candidates from States, where there is no Degree college in Pharmacy will be reserved provided they fulfill the minimum eligibility conditions laid down in this behalf.

The foreign nationals must fulfill the eligibility conditions for the admission to the course. The application must be recommended by the Deptt. of Education Ministry of Human Resource Development, Govt. of India and processed through Foreign Student's Advisor of the University of Delhi.

The candidates from the states where there is no Degree College in Pharmacy must have passed the qualifying examination from the state to which they belong and must be nominated by the State Government concerned on the allocation made by the Deptt. of Education, Ministry of Human Resource Development, Govt. of India. Their applications through Ministry must reach this office by 08-07-2011.

#### **Handicapped Students**

The physically handicapped students are advised to get themselves registered with Dean, Student Welfare, North Campus, University of Delhi in order to consider their cases for admission to Under-Graduate courses.

## How to Apply

1. In person to the office of Director, Delhi institute of Pharmaceutical Sciences and Research

The application form along with prospectus priced at Rs. 200.00 can be obtained from the office of Director, Delhi Institute of Pharmaceutical Sciences and Research on payment by Cash/ Demand Draft to The Director, Delhi Institute of Pharmaceutical Sciences and Research, New Delhi-110017. Separate forms should be submitted if the candidate wishes to apply for more than one course.

2. By post from the office of Director, Delhi institute of Pharmaceutical Sciences and Research

Request for supply of application forms by post should be accompanied with a self-addressed envelope of the size **30cm x 22 cm duly stamped (Rs. 75.00)** by the ordinary speed post) in addition to the Demand Draft of Rs. 200.00 for the cost of the application form with prospectus. No responsibility will be accepted for late receipt of the forms due to postal or any other delay.

Direct application from foreign students, students from other states lacking pharmacy education facilities shall not be entertained. Their application should be sponsored by the concerned agencies. The Deptt. of Education, Ministry of Human Resource Development, Govt. of India, is only a reservation agency and does not by itself nominate any candidate requisite qualification prescribed for the course. Such applications must reach the Director, Delhi Institute of Pharmaceutical Sciences & Research (DIPSAR), Pushp Vihar, New Delhi – 110017 on or before 08-07-2011. No further extension shall be given and applications received after the last date of submission shall not be entertained.

3. Online Application form

Candidates are required to access online at our website [www.dipsar.in](http://www.dipsar.in). They are also required to submit printed copy of online registration form with application fee on or before 8th of July 2011. The admission shall be made at the Institute for all the courses of study offered. Application Forms for M. Pharm., B. Pharm., and Diploma course will be separately submitted along with attested copies of Mark Sheet, Date of Birth, Character Certificate and Special Category Certificate. Incomplete application forms without enclosures (Annexures I-V) will not be accepted. At the time of admission, **all the original certificates and all undertakings should be brought failing which admission will not be given and no request/relaxation will be entertained in this regard.**

Admission will be made strictly according to the merit, i.e. aggregate marks obtained in the qualifying subject prescribed for admission to the course subject to the reservations.

The consolidated merit list on the basis of the aggregate in the qualifying subjects including general and reserved candidates shall be displayed on the notice board on the date indicated on the back cover of the prospectus.

## **GUIDANCE FOR THE CANDIDATES AT THE TIME OF ADMISSION**

### **ADMISSION PROCEDURE**

Candidate should report at the reception counter on the date specified by 10.00 A.M. as per the notice put up at the admission center. If any candidate is unable to report personally, he/she may depute his/her relative with relevant documents, fees etc.

**I. List of original testimonials required at the time of seeking admission (B.Pharm, D.Pharm) are as under:**

1. Marks statement of 10+2/intermediate/12th class
2. Date of Birth Certificate
3. Provisional Certificate from the school last attended
4. Proof of gap period, if any, after passing the 12th class
5. Character Certificate from the school last attended
6. Medical Certificate from a medical practitioner holding a degree not below MBBS
7. Two passport size photographs (unattested, coloured).
8. Acknowledgment slip
9. Reporting slip
10. Caste Certificate, if any issued from competent authority from Delhi only ( in case of Delhi candidates)
11. Any other Certificate in respect of the claim made by the candidate.

**II. List of original testimonials required at the time of seeking admission (M.Pharm) are as under:**

1. GPAT score card
2. Date of Birth Certificate

3. Provisional Certificate from the College/Institute last attended
4. Proof of gap period, if any.
5. Character Certificate from the school last attended
6. Medical Certificate from a medical practitioner holding a degree not below MBBS
7. Two passport size photographs (unattested, colored).

**III.** The admission procedure will start at 10.00 a.m. sharp However, the time may be extended till all the candidates are entertained/ seats are filled. The Information center and Reception will center be working from 10.00a.m. to 5.00p.m. with lunch break from 1.00p.m. to 1.30p.m. No request for extension of last dates for receipt of application forms or admission will be entertained under any circumstances.

**IV.** The reported candidates will be called one by one as per the merit list and the Admission Officer will then offer admission to the courses.

**V.** In cases of candidates having equal marks, the candidate who is older in age will be given preference.

**VI.** If the seat offered is acceptable, the documents will be checked with originals and all relevant submissions.

**VII. The Term Fee is to be paid then and there. Admission is complete only when the fee is paid and the roll number is allotted.**

**VIII.** When a candidate`s name is called for admission and if he/she does not report immediately to the Admission Officer in the Admission

room, the seat available will be offered to the candidate next in the merit list. Further, if a candidate does not pay fees after “Admit” order is made by the Admission Officer, the seat offered will be forfeited. No representation for extension of time for admission will be entertained.

- IX. No separate intimation regarding the admission selections will be given and all the candidates are advised to see the notice board for display of merit list at the admission center on the dates mentioned in the prospectus elsewhere.

### COMMENCEMENT OF CLASSES : 18-07-2011

#### Miscellaneous

- (i) The seats are filled strictly in order of merit.
- (ii) In case the seats remain vacant under any reserved category the same shall be filled as per university guidelines in order of merit.
- (iii) In case of any students seeking registration/ admission on wrong information regarding age, subject and percentage of marks, etc. his/her registration/ admission will be cancelled any time when it comes to the notice of the institute/ University.
- (iv) All admissions will be made strictly in order of merit by Institute on provisional basis. The admission will be confirmed by the Admission Committee of the University of Delhi.

### FEES STRUCTURE

The following caution deposit and fees shall be payable at the time of admission.

### 1<sup>st</sup> SEMESTER/TERM FEE

(To be paid by 31<sup>st</sup> August every year by II, III & IV year students of B. Pharm. and II year students of D. Pharm.)

Account	D. Pharm (Rs.)	B. Pharm (Rs.)	M. Pharm (Rs.)	Ph. D (Rs.)
Govt. Account				
Tuition Fee	1000.00	3100.00	4100.00	1000.00
Institutional Fee	1600.00	4650.00	6150.00	1000.00
Total	2600.00	7750.00	10,250.00	2000.00
Boy/Pupil's Fund Account				
@Caution Deposit	300.00	300.00	300.00	300.00
@Library Deposit	2000.00	5000.00	8000.00	8000.00
@Laboratory Deposit	250.00	250.00	250.00	250.00
Games Fee	50.00	50.00	50.00	50.00
Home Exam Fee	50.00	50.00	50.00	50.00
Hobby/Curricular Activity Fee	25.00	25.00	25.00	25.00
Annual Report/Magazine	150.00	150.00	150.00	150.00
Identity Card Fee	150.00	150.00	150.00	150.00
Printing & Stat. Fee	50.00	50.00	50.00	50.00
Boys/Pupil's Fund	3500.00	3500.00	3500.00	3500.00
Delhi University Account				
@Univ. Enrolment Fee	200.00	200.00	200.00	200.00
Univ. Athletics Fee	5.00	5.00	5.00	5.00
Culture Council Fee	5.00	5.00	5.00	5.00
Sports & Cultural Activity Fee	30.00	30.00	30.00	30.00
University Development Fee	100.00	100.00	100.00	100.00
Would Univ. Service	5.00	5.00	5.00	5.00
N.S.S. Fund	20.00	20.00	20.00	20.00
Total	9,490.00	17,640.00	23,140.00	14,890.00

Fee refund as per AICTE norms when the student leaves the Institute.  
@One time payment to be made by at the time of admission only.

## 2<sup>ND</sup> SEMESTER/TERM FEE (To be paid by 31st January every year)

Account	D. Pharm (Rs.)	B. Pharm (Rs.)	M. Pharm (Rs.)	Ph.D (Rs.)
Govt. Account				
Tuition Fee	1000.00	3100.00	4100.00	-----
Institutional Fee	1600.00	4650.00	6150.00	
<b>TOTAL</b>	<b>26,00.00</b>	<b>7,750.00</b>	<b>10,250</b>	-----

## EXAMINATION FEE (To be paid in December every year)

Account	D. Pharm (Rs.)	B. Pharm (Rs.)	M. Pharm (Rs.)	Ph.D (Rs.)
University Account				
University Account	525.00	525.00	805.00	-----
Mark Sheet Fee	10.00	10.00	10.00	-----
<b>TOTAL</b>	<b>535.00</b>	<b>535.00</b>	<b>815.00</b>	-----

The fees and other charges mentioned in the prospectus may be revised by the Institute any time without notice. In the event of such revision, all the enrolled students shall pay at the revised rates.

## Hostel

The institute has well-furnished six hostel accommodation two for boys and four girls. Presently, it is available for outside Delhi candidates only. However, in future it is targeted to provide hostel accommodation to over 50% of the students.

## Refund of Fees

The refund of fees paid at the time of admission or during the course is governed by AICTE norms. Any claim for refund of Caution fee should be made within three years of completion of course along with

original receipt, else the fee will be forfeited and returned to Government Account.

## Payment of Dues

All dues shall be cleared by the dates mentioned in the prospectus or as notified by the Director/Dean, from time to time.

## Financial Assistance

The detailed rules and regulation on the subject may be obtained from the office of the Institute. The financial assistance, available to students of full time courses, in accordance with relevant rules, are as follows:

## Fee Concessions

Scholarship Holders: Scholarship holders shall be exempted from payment of Tuition fee, on application.

Sister/brother Concession : In case two or more brothers/sisters are admitted in the institute the brother/sister studying in the lower class shall pay half the prescribed Tuition fee.

No Tuition fee shall be charged from son or daughter of employees of Training and Technical Education.

S/C and S/T students: Students belonging to the Schedule Castes/Tribes shall be exempted from payment of tuition fee.

## Scholarship/Stipend

The following Scholarship/Stipends are available:

(a) Merit Scholarship for Diploma/ B. Pharm: Student-Merit scholarship upto 50% of the sanctioned strength of the students in

Diploma 2<sup>nd</sup> year and B. Pharm, 2<sup>nd</sup>, 3<sup>rd</sup> and 4<sup>th</sup> year of B. Pharm courses are awarded at the rate of Rs. 75/-p.m. The awards are governed by the relevant rules in force from time to time. Note: The student who is awarded merit/merit-cum-means scholarship shall have to execute the prescribed bond.

(b) National Loan Scholarship: Those students who have secured more than 60% marks can submit their application through the Director of the institution, to the Directorate of Education for the award of National Loan Scholarship.

### Late Fee Fine

If the dues (other than those payable at the time of admission) are not paid by the due date, late payment fine of rupees ten for each day after the due date (including holidays) shall be realized, subject to a maximum of Rs.200/- only.

If the fees is not paid within thirty days after the due date (including holidays) for any reason whatsoever, the name of the defaulter student shall be struck off the rolls of the institute without any notice.

### Payments of Fines and Dues

Students shall pay on demand any fine imposed on them or the cost of any damage to or loss of library books, equipment or other property of the institute.

On failure to do so the same will be recovered from the caution money which shall be reimbursed by the student within the time specified by the Dean. If the cost of any damage to be recovered or loss exceeds the amount of caution money the balances shall be deposited by the student on demand by the Dean. Failure to do so, may result in the removal of the name from the rolls of the Institute.



Well equipped Gymnasium at the DIPSAR Campus

The students shall clear all dues to the institute before they are permitted to appear in the final examination. If the dues are not cleared, there admit card/ provisional certificates /Diploma will be withheld.

### Striking off Rolls

The name of the student may be struck off the rolls on account of:

- (i) His own written request, endorsed by his parent/guardian;
- (ii) Continued absence without obtaining leave for **FIVE** consecutive working days;
- (iii) Irregular attendance and poor progress in studies;
- (iv) If ordered to be **EXPELLED** or **RUSTICATED** from the institute;
- (v) Non-payment of tuition fee and other dues for 30 days after the last date of payment. The Director, Dean, Students Affairs, however,

may grant not more than 30 days of grace period in deserving cases on application by the parent/guardian.

### Eligibility for Appearing in the Annual Examination

Only students Securing 75% attendance or above in both theory and practical classes taken separately are allowed to appear in the annual examination.

#### Re-Admission

On payment of re-admission fee of Rs. 200/- along with the dues and penalty, re-admission can be considered at the discretion of Director only in deserving cases.

#### DISCIPLINE

All the students admitted to the Institute will be under the complete disciplinary control of the Director of the Institute or any other officer(s) appointed by him for the purpose and must conduct themselves in accordance with the disciplinary rules of the Institute as framed and notified by the Director

#### RAGGING

In accordance with the order of the Hon'ble Supreme Court dated 10.12.2007, in the Special Leave to Appeal (Civil)NOS 24295 and 24296-99 of 2004, "if any incident of ragging comes to the notice of the authority, the concerned student shall be given liberty to explain and if his explanation is not found satisfactory, the authority would expel him from the institution." The Anti-Ragging Nodal Officer of the Institute is Prof.(Dr.) D.P.Pathak, Dean, Students' Affairs.

**The candidates seeking admission have to give an undertaking that they will abide by the rules and regulations prescribed and abide by an action taken in this regard against students by the Director.**

**Ragging in any form is strictly prohibited within the premises of Institute as well as on public transport.**

**Ragging, for the purpose of the Ordinance, means any act, conduct or practice by which dominant power or status of senior students, is brought to bear on students freshly enrolled or students who are in any way considered junior or inferior by other students and includes individual or collective acts or practices which:**

- (a) involve physical assault or threat or use of physical force;**
- (b) violate the status, dignity and honor of female students;**
- (c) violate the status, dignity and honor of students belonging to the scheduled castes and tribes;**
- (d) expose students to ridicule and contempt and affect their self esteem;**
- (e) entrain verbal and aggression, indecent gestures and obscene behavior.**

#### ANTI-SMOKING CAMPAIGN

In accordance with the order of the Hon'ble High Court of Delhi and in continuation of the University letter No. HC-4170/2010-LC/256/4689 dtd 29th April,2011, the Institute is a Smoke Free Zone. The Anti-Smoking Nodal Officer of the Institute is Prof.(Dr.) D.P.Pathak, Dean , Students' Affairs.

## ACADEMIC ACHIEVEMENTS OF STUDENTS

### ACADEMIC TOPPERS 2009-2010

#### D. Pharm

SNo	Year	Name	Rank	Marks
1	I Year	Nikhil Batra	I	864/1100
2	I Year	Arun Nayak	II	852/1100
3	II Year	Nooras Saba	I	1704/2100
4	II Year	Safwan Saleem	II	1518/2100

#### B.Pharm

SNo.	Year	Name	Rank	Marks
1	I Year	Shruti Aggarwal	I	1314/1700
2	I Year	Akansha Aggarwal	II	1313/1700
3	II Year	Madhuri Luthra	I	1335/1700
4	II Year	Surabhi Gupta	II	1309/1700
5	III Year	Nimisha Nasa	I	1302/1625
6	III Year	Anubha Mahajan	II	1284/1625
7	IV Year	Shilpa Panwar	I	3694/4825
8	IV Year	Sumit Arora	II	3678/4825

#### M.Pharm

SNo.	Specialization	Name	Rank	Marks
1	Pharmaceutics	B. Kayalvili	I	595/800
2	Pharmaceutics	Anjali Sharma	II	587/800
3	Hospital Pharmacy	Shilpy Arora	I	569/800
4	Hospital Pharmacy	Nidhi Sawhney	II	551/800
5	Pharmacology	Geetika Nirmal	I	526/800
6	Pharmacology	Vineeta Meena	II	508/800
7	Quality Assurance	Isha Makan	I	621/800

8	Quality Assurance	Vandana Mallah	II	620/800
9	Clinical Research	Nishi Kumari	I	538/800
10	Clinical Research	Premlata	II	537/800
11	Pharmaceutical Chemistry	Amanpreet Singh Kohli	I	548/800
12	Pharmaceutical Chemistry	Om Prakash Sharma	II	539/800
13	Herbal Drug	Puneet Gandhi	I	553/800
14	Herbal Drug	Nupur	II	507/800

## JOB OPPORTUNITIES AND PLACEMENT OF STUDENTS

In DIPSAR almost 100 percent students of Bachelors and Masters in pharmacy are placed in different Multinational and National Pharmaceutical Companies of repute majority through campus interviews before completion of their respective degrees. This year also many reputed companies have conducted campus interviews in the institute.

### CAMPUS PLACEMENTS

The Institute has active placement cell and we have been having close to 100% placements in leading national and multinational pharmaceutical companies and academic institutions of repute at all levels, i.e. undergraduate, postgraduate (all branches), Ph D and Diploma level. All the Bachelors and Masters students are placed in different multinational and national pharmaceutical companies through campus interviews even before completion of their respective degree. This year campus interviews have been conducted in the college by reputed companies viz. **Matrix, EVS, Guardian, Jubilant, WNS, APC, Ranbaxy, Martin-Harris, Viva, Dabur, Indigene, Heron, Religare, Jubilant, Religare-wellness, Apothecaries** etc.

The college is experiencing a fast academic growth to the challenges of the 21st century. In the highly competitive environment, the college

is capitalizing on its strengths in areas such as academic innovation, comprehensive training and flexible educational delivery systems. Widely acknowledged for its innovative and responsible role, for which it is entrusted, the “Delhi Institute of Pharmaceutical Sciences and Research” has produced top class Pharmaceutical Scientists for the technological up -gradation of the industry and for service to the community in all branches of pharmaceutical sciences. In keeping with the times, Institute is a conscientious steward, effectively utilizing human as well as financial resources. The interaction of administration, faculty, and students; the efficient use of physical facilities and consistent updating of the campus contribute to the quality education.

#### **B. PHARM. can opt for**

- Manufacturing chemist
- Analytical chemist
- Drug inspector
- Drug analyst
- Lecturer in diploma pharmacy institutes and in pharmacology department in medical colleges.

#### **M. PHARM. can opt for**

- Manufacturing Executive
- Product development Executive
- Analytical Executive
- R&D Executive
- Lecturer in pharmacy institutes and in pharmacology department in medical colleges.

#### **Ph.D can opt for**

- Teaching Profession
- Senior Executive in Pharma Companies (In R&D, CQA,QA, DRA, IPR)
- Scientist in Research Laboratories

#### **D. Pharm. can opt for**

- Pharmacist (Hospital Pharmacy and Medical stores)

- Retail Chemist
- Sales representatives
- Wholesale dealer
- Manufacturing chemist for cosmetics
- Repacking of drugs and pharmaceuticals

### DIPSAR AT A GLANCE

#### EXISTING INFRASTRUCTURE AND FUTURE DEVELOPMENT IN PIPELINE



Students and faculty of DIPSAR participating in events like short-put on sport day

#### Medicine and Poison Antidote Information Centre (MAPIC)

MAPIC provides accurate, unbiased factual information to general public and members of the healthcare team such as Physicians, Surgeons,



Hanuman Jayanti was celebrated on 18th April 2011 at DIPSAR

Pharmacists, Nurses and Scientists. DIPSAR has established MAPIC in its campus for providing information on any aspect of drugs and poisons through electronic databases to scientists and all others to whom it concern. The center is managed by 70 pharmaceutical professionals / scientists of the Institute from 8 a.m. to 8 p.m. queries received by e-mail, phone, post or in person are responded at the earliest

### The Library

The Institute has one of the richest Pharmacy Library collections in India with over 15,000 books, national and international journals and magazines covering all branches of Pharmaceutical Sciences like Pharmaceutics, Pharmaceutical Chemistry, Pharmacology, Pharmaceutical Biotechnology, Pharmacognosy and Pharmaceutical Technology. It also has a good collection of books of allied fields like Medicine, Pathology, Biochemistry and Microbiology. The **AIR-CONDITIONED** library is conducive for long hours of study and research by faculty and students.



Library

### State of Art Laboratories

In addition to the laboratories meant for UG/PG routine teaching the institute has got many state of art laboratories.

- Antifertility & Infertility
- Ocular Pharmacology
- Anticancer
- Ant Diabetic Research Lab
- Novel Drug Delivery
- Clinical Research Department
- Indian System Medicine
- Sophisticated Analytical Instrument Lab
- Sophisticated Pharmacology Instrument Lab
- Information Technology ( I & II )

### Student Amenities

#### Hostels



Lecture Theatre

Completely fully furnished equipped with RO Water system, Gymnasium swimming pool, Playground. Two boys hostel for undergraduate post graduate & PhD scholar Four Girls Hostel two of them for undergraduate & two for Post Graduate & PhD Students/ Scholars.

### Indian International Hospitality Centre (IIHC)

DIPSAR has established Indian International Hospitality Centre (IIHC) on 30- June -2007(Inaugurated by Hon' able Chief Minister Delhi Dr.(Smt.) Shiela Dikshit. The Guest House has altogether 3 A/C Suites and 5 double-bed rooms with telephone and TV in each room. VIPs, Institute guests and invited guests are usually accommodated here.



DIPSAR Faculty and Research Scholars participated in Bhagidari Mela



Seminar on Microwave Synthesis.



**Students of DIPSAR participating in 100 m race on sports day**



**Students of DIPSAR participating in race on sports day**



**Indian System of Medicine Laboratory.**



**Seminar hall.**

### Animal House Facility

The animal house is CPCSEA recognized (registration No. 215/ CPCSEA and Research 115/ CPCSEA) for experimenting and breeding. The state of art animal house facility is well maintained, having separate air-conditioned rooms (total 19 rooms) with 24 hours electricity/ generator backup. Each species like Rats, Mice, Rabbits, Guinea pigs; are having separate stock, experimentation and breeding room. It has a minor operation theater, feed and storeroom, clean and dirty corridor. At present animal house is having more than 1000 animals like Rats, Mice, Rabbits and Guinea pigs for research and sale to CPCSEA recognized institutes.



Indian System of Medicine Laboratory.

The institute has constructed unique rabbit and guinea pig run. Such facility exists only in this institute in India amongst all the research / medical institutes. The animals are kept in a natural ambience in order to minimize the stress and to facilitate the breeding.



India International Hospitality Centre.

### New Information Technology Lab (PG –IT Lab)

In addition to the Old IT Lab, a New IT Lab was inaugurated by Dr. G. Narender Kumar, Secretary, DTTE on 14th Feb 2007 and is equipped with 30 computers with latest technology and, 24-hours internet facility.

## RESEARCH

### ACHIEVEMENTS OF DIPSAR IN THE FIELD OF RESEARCH (SESSION 2010-2011)

#### A. ONGOING RESEARCH PROJECTS

##### 1. Chief Investigator: PROF. (DR.) B.P. SRINIVASAN

###### i. UGC Major Research Project

**Title:** Investigation of new Pharmacological interventions for diabetic nephropathy in experimentally induced NIDDM in rats.

**Allocation Amount:** Rs. 7, 24,300

###### ii. AICTE Major Research Project (RPS)

**Title:** Role of Herbal Drugs in Diabetic Retinopathy.

**Allocation Amount:** Rs.12.20 lacs

**2. Investigators: DR. MONICA GUPTA & PROF. (DR.) S. S. AGRAWAL**

**i. AICTE Major Research Project (RPS)**

**Title:** Studies on synthesis of spermicidal agents: Synthesis of carbodithioic acid esters of N-ethylmaleimide as potential spermicides.

**Allocation Amount:** Rs. 20 lacs

**3. Investigators: DR. MEENAKSHI CHAUHAN & PROF. (DR.) S.S. AGRAWAL**

**i. AICTE Major Research Project (RPS)**

**Title:** Tuberculosis chemotherapy: Novel Drug Delivery approach using bioadhesive microspheres.

**Allocation Amount:** Rs. 20 lacs

**4. Investigators: DR. RAJANI MATHUR & PROF. (DR.) S.S. AGRAWAL**

**i. UGC Major Research Project**

**Title:** Development of a novel pharmacological approach to the treatment of obesity and related metabolic disorders”

**Allocation Amount:** Rs 9.17 lacs

**iii. AICTE Major Research Project (RPS)**

**Title:** Studies on in vitro and in vivo anticancer evaluation of some Indian medicinal plants.

**Allocation Amount:** Rs. 20 lacs

**B. NEW RESEARCH PROJECTS**

**Investigators: DR. MONICA GUPTA & Prof. B.P. SRINIVASAN**  
**UGC Major Research Project**

**Title:** Synthesis, Characterization, QSAR and biological evaluation of some novel pyrrolidine based DPP-4 inhibitors.

**Allocation Amount:** Rs. 7,97800 /-

**C. SEMINAR ORGANIZED AT DIPSAR**

DIPSAR in collaboration with Analytical Instruments Consortium organized a ‘National Seminar on Microwave Synthesis’ at G. K. Narayanan Auditorium, DIPSAR on 16th December, 2010.

**D. BOOKS PUBLISHED BY FACULTY OF DIPSAR**

**Authors:** Prof. S.S.Agrawal, Mr. M.K. Keshari & Dr. Monica Gupta

**Title:** GPAT- Made Easy

4<sup>th</sup> Edition, 2011, Ahuja Publishing House, New Delhi

**E. INSTRUMENT FACILITY AT DIPSAR**

**Department of Pharmaceutics**

- i. Autoclave
- ii. Capsule Filling Machine
- iii. CO2 Incubator
- iv. Coating and Polishing Machine
- v. Cooling Centrifuge
- vi. DLS
- vii. Digital Balance
- viii. Disintegration Apparatus
- ix. Dissolution Apparatus
- x. Distillation Unit
- xi. Fermentor
- xii. Friability Test Apparatus
- xiii. Homogenizer
- xiv. Hot Air Oven

- xv. Inverted Microscope
- xvi. Laboratory Centrifuge
- xvii. Laminar Flow Hood
- xviii. Magnetic Stirrer
- xix. Mechanical Sieving Machine
- xx. Millipore Vacuum Pump
- xxi. Rheometer
- xxii. Rotary Tablet Punching Machine
- xxiii. Rotavapour
- xxiv. Serological Water Bath
- xxv. Single punch tablet machine
- xxvi. Tablet Dissolution Apparatus
- xxvii. Ultrasonic Bath
- xxviii. Ultrasonicator
- xxix. UV Spectrophotometer
- xxx. Vacuum Filtration assembly
- xxxi. Zetasizer

#### **Department of Pharmaceutical Chemistry**

- i. Air Condenser, Water Condenser
- ii. Binocular Microscope
- iii. Boiling Point Apparatus
- iv. Calorimeter
- v. Centrifuge
- vi. Column Chromatography
- vii. Cork Borer
- viii. Cyclo Mixer
- ix. Glass Joint Assembly
- x. Digital Balance
- xi. DSC
- xii. Flame Photometer
- xiii. Fluorimeter
- xiv. FTIR
- xv. Gas Chromatography
- xvi. Ground Glass Assembly

- xvii. Hot Air Oven
- xviii. HPLC
- xix. HPTLC
- xx. Karl Fischer Apparatus
- xxi. Laboratory Jack
- xxii. Mechanical Shaker
- xxiii. Microburette
- xxiv. Microwave Synthesizer
- xxv. Millipore water assembly
- xxvi. pH Meter
- xxvii. Refractometer
- xxviii. Rotavapour
- xxix. Single Pan Balance
- xxx. Sodium Press
- xxxi. Turbovap Concentrator
- xxxii. UV Spectrophotometer
- xxxiii. Vacuum Distillation Assembly
- xxxiv. Vclife QSAR Software
- xxxv. Visual Melting Point Range Apparatus

#### **Department of Pharmacognosy**

- i. Binocular Microscope
- ii. Camera Lucida
- iii. Column Chromatography
- iv. Digital Balance
- v. Digital Melting Point Apparatus
- vi. Flash Chromatograph
- vii. HPTLC
- viii. Muffle Furnace
- ix. pH Meter
- x. Rotavapor
- xi. Soxhlet Apparatus
- xii. Stage Microscope
- xiii. UV Detection Chamber
- xiv. Vacuum Filter

**ANNEXURE-I-FORM OF MEDICAL CERTIFICATE**

(To be signed by Registered Medical Practitioner holding a medical degree not below M.B.B.S)

**To be submitted at Time of Admission**

I certify that I have carefully examined Shri/Smt./Kumari.....  
.....Son/Daughter/Wife of Shri.....

Whose signature is given below. He/She is fit for admission to a course a technical institution under the Govt. of Delhi. I have to further report that

- (1) His/Her eyes appear to be
- (2) His/Her heart & Lungs are clear
- (3) His/Her chest measurement is
  - (a) Normal
  - (b) Expansion
- (4) His/Her weight is .....Kg (5) His/Her height is.....ft.
- (6) He/She wears glasses does not wear glasses /Vision.....
- (7) He/She has no disease, mental and physical infirmity which makes him/her unfit in the near future for an active life and studies.

Marks of Identification (i).....  
(ii).....

Signature of Candidate

Signature of Medical Officer  
(With seal)

Date:

Place:

**ANNEXURE-II**

**CERTIFICATE FOR AVAILING ADMISSION AGAINST A RESERVED SEAT**

The following certificate is issued in respect of

Shri/Kumari/Smt. ....  
Son/daughter/wife of Shri .....

Certified that his/her caste/tribe is .....which is declared as scheduled caste/tribe.

Seal of Office

Signature  
Dy. Commissioner/  
Competent Board,  
Delhi.

**ANNEXURE-III**

It is certified that Shri/Kumari/Smt.....  
is serving/has served in the Armed Forces of India and holding/held the rank of .....  
and Shri/Kumari.....

Son/Daughter of above military personnel is sponsored for Technical courses in DIPSAR.

Signature  
District Soldiers/Sailor/Airmen  
Armed Board, Delhi  
Seal of Office

**ANNEXURE-IV**

**Certificate for physically handicapped**

It is certified that Shri/Kumari.Smt.....  
son/daughter/wife of Shri.....  
is physically handicapped due to .....  
(with % of disability).....and he/she is fit for undergoing  
the course of.....at DIPSAR.

Seal of the Office

Signature Office In charge  
Vocational Rehabilitation Centre For  
Physically Handicapped Pusa,  
New Delhi-12.

**ANNEXURE-V**

**Undertaking**

**To be Submitted at the Time of Admission**

I Shri/Kumari/Smt.....  
Son/Daughter/Wife of Shri.....  
Resident of.....  
.....

undertake that, I will attend every lecture and practical classes. However,  
I agree that to account for late joining or other such contingencies the  
requirements for appearing in annual examination shall be minimum of  
75% of the classes (theory and practical separately) actually held.

Signature of the Candidate  
Date:  
Place:

Signature of Parent/Gaurdian

Cut-off Percentage for various Courses During 2010-2011 were as follows:

Course	Cut off for admission (%)
B. Pharm 1 <sup>st</sup> year	81.8%
D. Pharm	77.66%

**This brochure is for purpose of information & guidance of candidates seeking admission. Information contained herein is subject to change at any time by administrative decision. This does not constitute to be a legal document.**

### CHECK LIST OF ENCLOSURES AT THE TIME OF APPLICATION SUBMISSION

#### B. Pharm/D. Pharm

- Photocopy of class X certificate
- Photocopy of class XII mark sheet
- If seeking reservation, attested photocopy of certificate of the appropriate category

### CHECK LIST OF ENCLOSURES AT THE TIME OF SEEKING ADMISSION

- Medical certificate (As per Annexure I)
- Undertaking with regard to attendance (As per Annexure V)
- Fee receipt

### SCHEDULE OF ADMISSION

	B. Pharm 1 <sup>st</sup> year	D. Pharm 1 <sup>st</sup> year	M. Pharm 1 <sup>st</sup> year	B. Pharm 2 <sup>nd</sup> year
Last date of receipt of application	8/07/11	8/07/11	8/07/11	8/07/11
A. Display of merit list of general candidates and reporting for admission	12/07/11	13/07/11	Within 30 days from the date of declaration of B. Pharm 4 <sup>th</sup> year result of University of Delhi	Within 30 days from the date of declaration of D. Pharm 2 <sup>nd</sup> year result of University of Delhi
B. Date of Admission	13/07/11	14/07/11		
A. Display of merit list of reserved category and reporting for admission	13/07/11	14/07/11		
B. Date of Admission	14/07/11	15/07/11		

Reporting Time : 10:00 am to 5:00 pm on the day of display of merit list , which is essential to finalize the merit list of actually interested candidates for admission . Anybody not reporting will forfeit the claim for admission. No representation in this regard will be entertained. ALL THE MARKS SHEETS OF 10+2 ARE SUBJECT TO VERIFICATION BY THE EXAMINING BODY. **The session will commence from 18<sup>th</sup> July 2011**

Tick the Category 

G	S/C	S/T	D	H
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**D**

Registration No. .... Dt. .... Application Form No. ....

State Category..... Delhi/Non-Delhi..... (For Office Use only)

(of Qualifying Examination)

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
DELHI INSTITUTE OF PHARMACEUTICAL  
SCIENCES & RESEARCH (DIPSAR)  
PUSHP VIHAR, NEW DELHI-110017  
(Affiliated to University of Delhi)  
APPLICATION FORM FOR DIPLOMA IN PHARMACY  
(2011-2012)**

PCB/M %.....  
Total Marks.....  
Max Marks .....

(Sign of Verifying Officer)

1. Name in Full (Capital letters) .....
2. Father's/Guardian's Name .....
3. Father's/Guardian's Occupation and Address .....
4. Mother's Name .....
5. Mother's Occupation and Address .....
6. Local Address .....  
Telephone No. .... e-mail .....
7. Permanent Address .....
8. Date of Birth.....Age as on 1.10.2011 .....
9. Nationality.....
10. State to which the candidate belongs .....
11. Whether belongs to S/C or S/T Yes/No
12. Was your father disabled or killed during hostilities Yes/No
13. Details of Examination Passed:

PHOTO  
(Passport size attested)

	Examination	Name of Board/ University	Roll No.	Year of Passing	Max. Marks in aggregate	Marks obtained in aggregate	Max Marks of PCB/M	Marks obtained in PCB/M	% PCB/M upto two decimal digital
1.	Intermediate 12th or 10 + 2						P	P	
							C	C	
							B/M	B/M	

Date: .....

Place: .....

Signature of the Candidate

**PCB/M %** .....

Application No. ....

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH (DIPSAR)  
PUSHP VIHAR, NEW DELHI-110017**

**ACKNOWLEDGEMENT SLIP**

1. Name of the Applicant.....  
(To be filled by the candidate)
2. Registration No. ....  
(To be given by office)
3. Date of Registration.....

Signature of the Receiving Officer  
with Stamp of the Institute

Tick the Category 

<b>G</b>	<b>S/C</b>	<b>S/T</b>	<b>D</b>	<b>H</b>
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**B**

Registration No. .... Dt. .... Application Form No. ....

State Category..... Delhi/Non-Delhi..... (For Office Use only)

(of Qualifying Examination)

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
DELHI INSTITUTE OF PHARMACEUTICAL  
SCIENCES & RESEARCH (DIPSAR)  
PUSHP VIHAR, NEW DELHI-110017  
(Affiliated to University of Delhi)  
APPLICATION FORM FOR Ist / IInd B. Pharm, (2011-2012)**

PCB/M %.....  
Total Marks.....  
Max Marks .....

(Sign of Verifying Officer)

1. Name in Full (Capital letters) .....
2. Father's/Guardian's Name .....
3. Father's/Guardian's Occupation and Address .....
4. Mother's Name .....
5. Mother's Occupation and Address .....
6. Local Address .....  
Telephone No. .... e-mail .....
7. Permanent Address .....
8. Date of Birth.....Age as on 1.10.2011 .....
9. Nationality.....
10. State to which the candidate belongs .....
11. Whether belongs to S/C or S/T Yes/No
12. Was your father disabled or killed during hostilities Yes/No
13. Details of Examination Passed:

PHOTO  
(Passport size attested)

No.	Examination	Name of Board/ University	Roll No.	Max. Marks	Marks obtained in aggregate	Marks Obtained in PCB (to be shown separately)	Max Marks of PCB	Marks obtained in PCB	% PCB upto two decimal digits
1.	Intermediate 12th or 10 + 2								
2.	For IInd Yr. B. Pharm only Diploma in Pharmacy (Theory Marks only)	University of Delhi	1st year			Aggregate % ..... Upto Two decimal digits			
			2nd year						

Date: .....

Place: .....

Signature of the Candidate

PCB/M % .....

Application No. ....

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI  
DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH (DIPSAR)  
PUSHP VIHAR, NEW DELHI-110017  
ACKNOWLEDGEMENT SLIP**

1. Name of the Applicant.....  
(To be filled by the candidate)
2. Registration No. ....  
(To be given by office)
3. Date of Registration.....

Signature of the Receiving Officer  
with Stamp of the Institute

Registration No. .... Dt. .... Application Form No. ....  
 State Category.....Delhi/Non-Delhi..... (For Office Use only)  
 (of Qualifying Examination)

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**DELHI INSTITUTE OF PHARMACEUTICAL**  
**SCIENCES & RESEARCH (DIPSAR)**  
 PUSHP VIHAR, NEW DELHI-110017  
 (Affiliated to University of Delhi)  
**APPLICATION FORM FOR M. PHARM (2011-2012)**

Combined aggregate %.....  
 Total Marks.....  
 Max Marks .....

(Sign of Verifying Officer)

1. Name in Full (Capital letters) .....
2. Father's/Guardian's Name .....
3. Father's/Guardian's Occupation and Address .....
4. Mother's Name .....
5. Mother's Occupation and Address .....
6. Local Address .....
- Telephone No. .... e-mail .....
7. Permanent Address .....
8. Date of Birth.....Age as on 1.10.2011 .....
9. Nationality.....
10. State to which the candidate belongs .....
11. Whether belongs to S/C or S/T Yes/No
12. Was your father disabled or killed during hostilities Yes/No
13. Details of Examination Passed:

PHOTO  
 (Passport size attested)

Examination	Name of Board/ University	Roll No.	Year of Passing	No. of Attempts	Marks Obtained in Aggregate (Theory)	Max. Obtained in Aggregate (Theory)	Aggregate Percentage theory upto two decimal digits	Combined aggregate % in Theory
GPAT								
B. Pharm I*								
II								
III								
IV								

\* Not for Delhi Students

No. of attempts taken to clear the final B. Pharm Exam. ....

14. Choice of the speciality in order of preference
- |  |    |  |
|--|----|--|
|  | 1. |  |
|  | 2. |  |
|  | 3. |  |
|  | 4. |  |

Date : .....

Place : .....

Signature of the Candidate

**GOVT. OF NATIONAL CAPITAL TERRITORY OF DELHI**  
**DELHI INSTITUTE OF PHARMACEUTICAL SCIENCES & RESEARCH (DIPSAR)**  
 PUSHP VIHAR, NEW DELHI-110017  
**ACKNOWLEDGEMENT SLIP**

Combined % .....

1. Name of the Applicant.....  
(To be filled by the candidate)
2. Registration No. ....  
(To be given by office)
3. Date of Registration.....

Signature of the Receiving Officer  
 with Stamp of the Institute