

## Evaluative Report of the Department (Dec 2014-July16)

1. Name of the Department: **Pharmacology**
2. Year of establishment: **1971 North Campus, University of Delhi**
3. Is the Department part of a School/Faculty of the university? **Yes**
4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) - **UG, PG, Pharmacovigilance Centre under Pharmacovigilance Programme of India (PvPI)**
5. Interdisciplinary programmes and departments involved: **Nursing,MLT**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - **Amar Jyoti Institute of Physiotherapy**
7. Details of programmes discontinued, if any, with reasons - **N/A**
8. Examination System: **✓ Annual/✓ Semester/~~Trimester/Choice Based Credit System~~**
9. Participation of the department in the courses offered by other departments - **N/A**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled (3)	Actual (including CAS & MPS)
Professor	1	-	2
Associate Professors	4	-	1
Asst. Professors	5	-	-

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

Name	Qualification	Designation	Specialization	Experience (Years)
Dr. Rachna Gupta	MBBS, MD	Professor	Pharmacology	14
Dr. Seema Jain	MBBS, MD	Professor	Pharmacology	10
Dr. Sumita Halder	MBBS, MD	Associate Professor	Pharmacology	9

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors – **NA**
13. Percentage of classes taken by temporary faculty – programme-wise information - **NA**
14. Programme-wise Student Teacher Ratio – **16 – 20 students/teacher**
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual – **12**
16. Research thrust areas as recognized by major funding agencies – **NA**
17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the names of the funding agencies, project title and grants received project-wise – **NA**
18. Inter-institutional collaborative projects and associated grants received – **NA**
  - a) National collaboration
  - b) International collaboration
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received – **NA**
20. Research facility / centre with
  - state recognition - **Yes**
  - national recognition - **Yes**
  - international recognition - **NA**
21. Special research laboratories sponsored by / created by industry or corporate bodies – **NA**
22. Publications: **(List of Publications enclosed as Annexure I)**
  - \* Number of papers published in peer reviewed journals (national /international)- 1/8( total-9)
  - \* Monographs - Nil
  - \* Chapters in Books -Nil
  - \* Edited Books- Nil
  - \* Books with ISBN with details of publishers -Nil
  - \* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.)- Nil
  - \* Citation Index – range / average
  - \* SNIP-NA
  - \* SJR-NA
  - \* Impact Factor – 1.5-2.5

\* h-index-NA

23. Details of patents and income generated - **NA**
24. Areas of consultancy and income generated - **NA**
25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad - **NA**
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify) - **NA**
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). **NA**
28. Student projects - **NA**
- percentage of students who have done in-house projects including inter-departmental projects
  - percentage of students doing projects in collaboration with other universities/ industry / institute
29. Awards / recognitions received at the national and international level by - **NA**
- Faculty
  - Doctoral / post doctoral fellows
  - Students
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any - **NA**
31. Code of ethics for research followed by the departments - As per CPCSEA and Human Ethical Committee Guidelines.
32. Student profile programme-wise: - **NA**

Name of the Programme (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female

33. Diversity of students - **NA**

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise - **NA**.

35. Student progression - **NA**

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> <li>• Entrepreneurs</li> </ul>	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	Zero
from other universities within the State	Zero
from universities from other States	100%
from universities outside the country	Zero

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **NA**

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **Available.**
- b) Internet Facilities for Staff and Students - **Available**
- c) Total Number of Class rooms - **Two**
- d) Class Rooms with ICT Facility - **one**
- e) Students' laboratories - **1 Central Laboratory**
- f) Research Laboratory - **4**

39. List of doctoral, post-doctoral students and Research Associates

- a) from the host institution/university - **Four**
- b) from other institutions/universities - **Seven**

S.No.	Name	Designation	Joining Date
1.	Dr. Manu Kumar	Senior Demonstrator	09.07.2013
2.	Dr. Vijay Laxmi	Senior Demonstrator	26.07.2014
3.	Dr. Tripti Rastogi	Senior Demonstrator	28.07.2014
4.	Dr. Chetan Bhagale	Senior Demonstrator	28.07.2014
5.	Dr. Rahul Arora	Senior Demonstrator	27.02.2015
6.	Dr. Manoj Singha Burman	Senior Demonstrator	29.02.2016
7.	Dr. Durga Prasad Panigrahi	P.G student( passed)	21.08.2013
8.	Dr. Keshav Gupta	P.G student( passed)	31.08.2013
9.	Dr. Pooja Bhardwaj	3 <sup>rd</sup> year P.G student	30.06.2014
10.	Dr. Sana Tafseer	2 <sup>nd</sup> year P.G student	30.05.2015
11.	Dr. Syed Gulfishan	1 <sup>st</sup> year P.G student	25.05.2016

40. Number of post graduate students getting financial assistance from the university – **Four (Stipend + Book Allowance + Thesis Allowance).**
41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. NA
42. Does the department obtain feedback from - **NA**
- a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

- b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
  - c. alumni and employers on the programmes offered and how does the department utilize the feedback?
43. List the distinguished alumni of the department (maximum 10) - **NA**
  44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts - **NA**
  45. List the teaching methods adopted by the faculty for different programmes - **Overhead Projection, PowerPoint Presentation, Chalk & Board.**
  46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? - **Through Tutorials, Terminal Tests and Annual Examination.**
  47. Highlight the participation of students and faculty in extension activities - **NA**
  48. Give details of “beyond syllabus scholarly activities” of the department - **NA**
  49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details - **NA**
  50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied - **through Regular Seminars and Journal Clubs for Post-graduate Students.**
  51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department - **Shortage of Faculty and Infrastructure Facilities. Student - Teacher Ratio should be increased and Research Facilities should be enhanced.**
  52. Future plans of the department - **To promote teaching and Research Facilities**

UNIVERSITY COLLEGE OF MEDICAL SCIENCES & G.T.B. HOSPITAL, DELHI  
DEPARTMENT OF PHARMACOLOGY

Publications (2015 - 2016)

1. Gupta R, Gupta K, Tripathi AK, Bhatia MS, Gupta LK. Effect of Mirtazapine Treatment on Serum Levels of Brain-Derived Neurotrophic Factor and Tumor Necrosis Factor- $\alpha$  in Patients of Major Depressive Disorder with Severe Depression. *Pharmacology*. 2016;97:184-188
2. Ghosh R, Gupta R, Bhatia MS, Tripathi AK, Gupta LK. Comparison of efficacy, safety and brain derived neurotrophic factor (BDNF) levels in patients of major depressive disorder, treated with fluoxetine and desvenlafaxine. *Asian J Psychiatr*. 2015 ;18:37-41
3. Kamble M, Gupta R, Rehan HS, Gupta LK. Neurobehavioral effects of liraglutide and sitagliptin in experimental models. *Eur J Pharmacol*. 2016 ;774:64-70
4. Gupta K, Gupta R, Bhatia MS. Flibenserin. *Delhi Psychiat J*. 2015; 18:428-31
5. Jain S, Sangma T, Shukla S, Mediratta PK. Effect of *Cinnamomum zeylanicum* extract on scopolamine-induced cognitive impairment and oxidative stress in rats. *Nutr Neurosci* 210-216 ; 18: 2015
6. Halder S, Kar R, Galav V, Mehta AK, Bhattacharya SK, Mediratta PK, Banerjee BD. Cadmium exposure during lactation causes learning and memory-impairment in F1 generation mice: amelioration by quercetin. *Drug Chem Toxicol*. 2015; 7:1-7
7. Halder S, Kar R, Mehta AK, Bhattacharya SK, Mediratta PK, Banerjee BD. Quercetin modulates the Effects of Chromium Exposure on Learning, Memory and Antioxidant Enzyme Activity in F(1) Generation Mice. *Biol Trace Elem Res*. 2016 ;171(2):391-8
8. Kar R, Garg S, Halder S, Galav V, Chandra N, Mehndiratta M. Cadmium exposure induces oxidative stress by decreasing expression of antioxidant enzymes in mice liver. *International J Clin Biochem Res* 2015;2:89-96
9. Jain AK, Jain S, Pandey DJ, Sharma RK. To evaluate the effect of intravitreal injection of triamcinolone acetonide in recalcitrant macular disorders. *Asian J Pharm Clin Res* 157-160; 8(6): 2015