

## EVALUATIVE REPORT OF THE DEPARTMENT

|  |  |
|--|--|
| 1. Name of the Department  | PHARMACOLOGY   |
| 2. Year of Establishment   | 1962   |
| 3. Is the department part of a school/faculty of the University.   | Yes, part of Faculty of Medicine                                   |
| 4. Names of Programmes offered   | UG, PG Ph.D  |
| 5. Interdisciplinary programmes and departments involved   | Departments of Medicine, Biochemistry, Dermatology, Endocrinology. |
| 6. Courses in collaboration with other Universities, industries, foreign institution etc.                                | No   |
| 7. Details of programmes discontinued if any with reasons.   | -  |
| 8. Examination system:<br>Annual/Semester/Trimester/ Choice Based Credit System  | PG (annual), UG (Semester)   |
| 9. Participation of the department in the courses offered by other departments   | Participation in MD & Ph.D. Research work.                         |
| 10. Number of Teaching Posts sanctioned, filled and actual(Professors/Associate Professors/Assistant Professors)/others. |  |

|                      | Sanctioned | Filled | Actual(including CAS & MPS) |
|----------------------|------------|--------|-----------------------------|
| Professors           | 2          | 1      | 2                           |
| Associate Professors | 3          | 2      | 2                           |
| Assistant Professors | 5          | 4      | 3                           |

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

| Name            | Qualification                              | Designation         | Specialization        | No.of years of Experience | No. of Ph.D/M.Phil, students guided for the last 4years |
|-----------------|--|---------------------|-----------------------|---------------------------|---|
| Prof. R.K.Goel  | MD(Pharmacology), Ph.D.                    | Professor           | Gastroenterology      | 40                        |   |
| Prof.B.L.Pandey | MD(Pharmacology), Ph.D., Ph.D (Ay.)        | -do-                | Clinical Pharmacology | 35                        |   |
| Dr.Amit Singh   | MD (Pharmacology), Ph.D (Thesis submitted) | Associate Professor | Cardiovascular system | 11                        |   |
| Dr.S.Purohit    | M.Pharm, Ph.D                              | -do-                | Pharmaceutics         | 15                        | 02  |
| Dr.M.S..Muthu   | -do-                                       | Assistant Professor | Pharmaceutics         | 06                        | 03  |

|                         |                                       |                     |                        |    |   |
|-------------------------|---------------------------------------|---------------------|------------------------|----|---|
| Dr. Anshuman Trigunayat | MD(Pharmacology),<br>Ph.D. registered | Assistant Professor | Central Nervous System | 10 | - |
| Dr. Brijesh Kumar       | M.Pharm, Ph.D                         | -do-                | Quality Assurance      | 04 | - |

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - NIL
13. Percentage of classes taken by temporary faculty –programmewise information - NIL
14. Programmewise student-teacher ratio: 11 MD students, 6 Research Scholars, 7 teachers
15. No. of academic support staff (technical) and administrative staff: sanctioned, filled and actual.

| Name of Post         | Sanctioned | Filled                               | Vacant |
|----------------------|------------|--------------------------------------|--------|
| STA                  | 5          | 1(Technical Asstt.)<br>2(Re-engaged) | 2      |
| Junior Lab. Asstt.   | 4          | 2(Graded)                            | 2      |
| Lab. Attendant       | 5          | 2(Graded)<br>1(Contractual)          | 2      |
| Administrative staff | 3          | 1                                    | 2      |

16. Research thrust areas as recognized by major funding agencies.

Nanotechnology & Modern Drug Delivery systems, Pharmacovigilence & Drug Utilization Studies Indigenous drugs.

17. No. of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Give the name of funding agencies, project title and grants received project-wise.

National: Two.

**CCRAS** - Study of Protective and healing effects of Aegle marmelos, Terminalia Chebula and azadirachta Indica on experimental Models of ulcerative colitis in Rats – Rs.21,75,550-00

**SERB** - Transferrin receptor targeted Vitamin E TPGS micelles for brain Cancer therapy: preparation, characterization and brain distribution in Rats

18. Inter-institutional collaboration projects and associated grants received.  
 - NIL  
 a) National collaboration      b) International collaboration
19. Departmental projects funded by DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR, AICTE, etc; total grants received.      - NIL
20. Research facility/centre with      - NIL
- State recognition
  - National recognition
  - \* **International recognition**
21. Special research laboratories sponsored by/created by industry or corporate bodies      -NIL
22. **Publications:**
- Number of papers published in peer reviewed journals (National/International) – **Over 100.**
  - 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)      -
  - Citation Index – range / average      -
  - SNIP      -

- SJR -
  - Impact Factor – range/average -
  - H-index -
23. Details of patents and income generated : NIL
24. Areas of consultancy and income generated. : NIL
25. Faculty selected nationally/internationally to visit other laboratories/institutions/ industries in India and abroad.- **Dr.M.S.Muthu, NUS, Singapore Nano Medicine Department**
26. Faculty serving in  
a)National committees b) International committees c) Editorial Boards d) any other (please specify). - NIL
27. Faculty recharging strategies (UGC, ASC, Refresher/ orientation programs, workshops, training programs and similar programs). –Refresher/orientation – **At University Level.**
28. Student projects – **All PGs & Research Students 100%.**
29. Awards/recognition received at the national and international level by
- Faculty – **Dr. M.S. Muthu: University Recognition for Research Publication.**
30. Seminars/conferences/workshops organized and the source of funding (national/international) with details of out-standing participants, if any.- **Prof.S.K.Tripathi, CSIM Kolkata conducted Clinical Pharmacology Course in Department.**
31. Code of ethics for research followed by the departments - **As per norms.**
32. Student profile programme-wise: **UG & PG are distributed by Institute. PhD. Scholars working at present are 7.**
33. Diversity of students

| 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 |
|---|--|--|---|------------------------------------|
| MBBS  |  |  |   |                                    |
| BDS   |  |  |   |                                    |
| MD (Ayurveda)                                 |  |  |   |                                    |

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

**35. Student progression**

| Student progression  | Percentage against enrolled |
|--|-----------------------------|
| UG to PG   | Institute level             |
| PG to M.Phil   | N.A                         |
| PG to Ph.D   | Institute level             |
| Ph.D to Post-Doctoral  | Not available               |
| Employed <ul style="list-style-type: none"> <li>• Campus selection</li> <li>• Other than campus recruitment</li> </ul> | 100%                        |
| Entrepreneurs  | Nil                         |

36. Diversity of staff

|  |     |
|--|-----|
| Percentage of faculty who are graduates  |     |
| Of the same university                   | 1   |
| From other universities within the State | Nil |
| From universities from other States      | 6   |
| From universities outside the country    | Nil |

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period - **2**.

38. Present details of departmental infrastructural facilities with regard to

- a) Library - **Nil**
- b) Internet facilities for staff and students - **100% for faculty**
- c) Total number of class rooms - **1 Seminar room, 2 practical**
- d) Class rooms with ICT facility - **Nil**
- e) Students' laboratories - **UG 2, PG3**
- f) Research laboratories - **3**.

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

- a) from the host institution/university - **2**
- b) from the other institutions/universities - **8**

40. Number of post graduate students getting financial assistance from the university - **12**

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology - **None**

42. Does the department obtain feedback from

**Feedback is ongoing independently at teacher level.**

43. List the distinguished alumni of the department (maximum 10).-

1. **Prof.S.C.Pradhan, Head, Department of Pharmacology, JIPMER, Pondicherry**
2. **Prof.D.Bhattacharya, Principal, Govt. Medical College,Kalyani, W.B.**
3. **Prof.S.K.Bandhopadhyay, Director, Medical Education, W.B.**
4. **Prof.Amitabh Chakravarty,Head, Dept. of Pharmacology,PGI,Chandigarh.**
5. **Dr.D.Ramarao, Dean, Faculty of Applied Science, CUP, Bhatinda (Punjab).**
6. **Prof.S.Mandal, Dean, ESI Institute of Medical Sciences, Calcutta.**
7. **Prof.S.K.Tripathi, Head, Department of Pharmacology, School of Tropical Medicine, Kolkata.**
8. **Dr. Anil Jaiswal, Medical Advisor & Convenor, Zydus Cadila, Ahemedabad.**
9. **Dr. Shankar Mitra, Medical Advisor, Emami**
10. **Prof. D.Thota Head, Dept. of Pharmacology, AIIMS, Bhubhaneshwar, Orissa.**

44. Give details of student enrichment programmes (special lectures/workshops/seminar) involving external experts.

**-Special training on Clinical Pharmacology by Prof. S.K. Tripathi, Kolkata.**

45. List the teaching methods adopted by the faculty for different programmes

**- Lectures, Audio-Visual Seminars.**

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? **-Feedback from examination results.**

47. Highlight the participation of students and faculty in extension activities.-**Nil.**

48. Give details of “beyond syllabus scholarly activities” of the department - **Nil.**

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. **- Nil.**

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. **- As per the Publications.**

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strength:** Young faculty assigned to career advancement

**Weakness:** Unequal distribution of resources

**Opportunities:** Program of Clinical & Advanced Drug Delivery Research

**Challenges** Sense of democratic interdependent working among all faculty.

52. Future plans of the department.

**To uphold ongoing activities and develop publication DM clinical Pharmacology and advance for drug delivery system.**