PART-E

Evaluative Report of the Departments
1. Name of the Department: Anaesthesiology

2. Year of establishment: 1971

3. Is the Department part of a college/Faculty of the university: Yes. Part of University College of Medical Sciences; Delhi University.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) Undergraduate (MBBS) and postgraduate (MD Anaesthesia) courses.

5. Interdisciplinary programmes and departments involved
   Training of postgraduates from other departments (Surgery and Medicine): trainees posted by rotation for duration of 30 days/15 days each from department of surgery/medicine for exposure in related fields of patient care.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   None

7. Details of programmes discontinued, if any, with reasons
   DNB (Anaesthesia) discontinued by GTB Hospital

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   MBBS: Semester system
   MD: Annual summative examination at end of 3 years.

9. Participation of the department in the courses offered by other departments:
   None

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS): Total</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GTBH UCMS</td>
<td>GTBH UCMS</td>
<td></td>
</tr>
<tr>
<td>Professor</td>
<td>1 1</td>
<td>4 1</td>
<td>5</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>2 2</td>
<td>1 1</td>
<td>3</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>7 5</td>
<td>2 3</td>
<td>4</td>
</tr>
<tr>
<td>Others (Senior Residents)</td>
<td>44 6</td>
<td>26 4</td>
<td>30</td>
</tr>
</tbody>
</table>
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Dr. A K Sethi</td>
<td>D.A (1981), M.D (1983)</td>
<td>Director Professor &amp; HOD</td>
<td>Anaesthesia</td>
<td>33 years</td>
</tr>
<tr>
<td>2)</td>
<td>Dr. Ashok Kumar Saxena</td>
<td>D.A (1983), M.D (1985)</td>
<td>Professor</td>
<td>Anaesthesia</td>
<td>30 years</td>
</tr>
<tr>
<td>3)</td>
<td>Dr. Mahendra Kumar</td>
<td>D.A (1986), M.D (1989)</td>
<td>Director Professor</td>
<td>Anaesthesia</td>
<td>25 years</td>
</tr>
<tr>
<td>4)</td>
<td>Dr. R S Rautela</td>
<td>M.D (1989)</td>
<td>Director Professor</td>
<td>Anaesthesia</td>
<td>23 years</td>
</tr>
<tr>
<td>5)</td>
<td>Dr. Sujata Chaudhary</td>
<td>M.D (1992)</td>
<td>Director Professor</td>
<td>Anaesthesia</td>
<td>22 years</td>
</tr>
<tr>
<td>6)</td>
<td>Dr. Medha Mohta</td>
<td>M.D (1992)</td>
<td>Reader/Associate Professor</td>
<td>Anaesthesia</td>
<td>22 years 6 months</td>
</tr>
<tr>
<td>7)</td>
<td>Dr. Asha Tyagi</td>
<td>M.D (1998), D.N.B (2000)</td>
<td>Reader/Associate Professor</td>
<td>Anaesthesia</td>
<td>16 yrs 9 months</td>
</tr>
<tr>
<td>8)</td>
<td>Dr. Geetanjali Tolia</td>
<td>MD (2005)</td>
<td>Associate Professor</td>
<td>Anaesthesia</td>
<td>7 years</td>
</tr>
<tr>
<td>9)</td>
<td>Dr. Rashmi Salhotra</td>
<td>MD (2006)</td>
<td>Assistant Professor</td>
<td>Anaesthesia</td>
<td>5 years 7 months</td>
</tr>
<tr>
<td>10)</td>
<td>Dr. Sangeeta Yadav</td>
<td>MD (2009)</td>
<td>Assistant Professor</td>
<td>Anaesthesia</td>
<td>5 yrs 3 months</td>
</tr>
<tr>
<td>11)</td>
<td>Dr. Rachna Wadhwa</td>
<td>MD (2005)</td>
<td>Ad-hoc Assistant Professor</td>
<td>Anaesthesia</td>
<td>7 years</td>
</tr>
<tr>
<td>12)</td>
<td>Dr. Aanchal Kakkar</td>
<td>MD (2008)</td>
<td>Ad-hoc Assistant Professor</td>
<td>Anaesthesia</td>
<td>6 yrs 1 month</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None

13. Percentage of classes taken by temporary faculty – programme-wise information
   All scheduled classes are divided amongst permanent and temporary faculty. This would work out to approximately 17% classes by temporary faculty.

14. Programme-wise Student Teacher Ratio:
   In postgraduate MD programme conducted by the department: 12 students each year and 10 recognized teachers.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Annexure I

16. Research thrust areas as recognized by major funding agencies: None
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.

<table>
<thead>
<tr>
<th>S.no</th>
<th>Principal Investigator</th>
<th>Funding agency</th>
<th>Project</th>
<th>Grant</th>
</tr>
</thead>
</table>

18. Inter-institutional collaborative projects and associated grants received: None
   a) National collaboration
   b) International collaboration

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: None

20. Research facility / centre with: None
   - state recognition
   - national recognition
   - international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: None

22. Publications: Annexure II
   - Number of papers published in peer reviewed journals (national/international)
   - Monographs
   - Chapters in Books
   - Edited Books
   - Books with ISBN with details of publishers
   - 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: None
24. **Areas of consultancy and income generated:** None

25. **Faculty selected nationally/internationally to visit other laboratories/institutions/industries in India and abroad:** None

26. **Faculty serving in:**
   
a) National committees  
b) International committees  
c) Editorial Boards  
d) any other (please specify)

<table>
<thead>
<tr>
<th>NAME (In alphabetical order of last name)</th>
<th>DISTINCTION</th>
</tr>
</thead>
</table>
| Mohta Medha                              | Editorial Board Member of World Journal of Critical Care Medicine  
                                           | Editorial Board Member of World Journal of Anesthesiology |
| Sethi Ashok Kumar                        | Invited reviewer for Indian Journal of Anaesthesiology  
                                           | Member of the Advisory Board, Medical Journal, D.Y. Patil University, Kolhapur, Maharashtra.  
                                           | Expert Member for Delhi Medical Council, Delhi, for giving expert opinion in relation to the complaints examined by Delhi Medical Council.  
                                           | Subject expert for the speciality of Anaesthesia for National Board of Examinations, Ministry of Health and Family Welfare, New Delhi.  
                                           | Speciality Expert/Advisor for selection of Assistant Professors Anaesthesiology, conducted by Rajasthan Public Service Commission, Ajmer; 05-09-13 to 06-09-13.  
                                           | Member of the Expert committee constituted by the Principal Secretary Health, Government of NCT of Delhi, to strengthen the Intensive Care and Medical Gas Supply System in the hospitals of Govt. of NCT of Delhi.  
                                           | Member of the APEX Committee constituted by the Principal Secretary Health, Government of NCT of Delhi, to make recommendations on the identification of courses and curriculum for paramedicals. |
| Tyagi Asha                               | Invited reviewer for national and international journals  
                                           | Editorial Board Member of World Journal of Anesthesiology |
27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs). All faculty member attend conferences/workshops/training programmes related to the speciality regularly. Workshops/training programmes regarding Medical Education/Teachers training conducted by Medical Education Unit (MEU) have been attended by the following faculty members:
Dr. A K Sethi; Dr. A K Saxena; Dr. Mahendra Kumar; Dr. Sujata Chaudhary; Dr. Medha Mohta; Dr. Asha Tyagi; Dr. Rashmi Salhotra.

28. Student projects
- percentage of students who have done in-house projects including inter-departmental projects: Of all Postgraduate students, upto 50% conduct inter-departmental research, in collaboration with other departments.
- percentage of students doing projects in collaboration with other universities / industry / institute: None

29. Awards / recognitions received at the national and international level by
- Faculty

<table>
<thead>
<tr>
<th>NAME (In alphabetical order of last name)</th>
<th>AWARD</th>
<th>DATE RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sethi, Ashok Kumar</td>
<td>WHO Fellowship Awarded by Govt. of India in “Paediatric Anaesthesia” at Children Hospital under Harvard University, Boston, Massachusetts, USA</td>
<td>1995</td>
</tr>
<tr>
<td></td>
<td>“Appreciation Award” awarded by Dr. A.K. Walia, Honorable Minister of Health &amp; Family Welfare, Delhi, in recognition of the distinguished services to GTB Hospital and UCMS, on the occasion of Doctor’s Day.</td>
<td>01-07-2011</td>
</tr>
<tr>
<td></td>
<td>“Dr. Pritam Singh Memorial Oration” – delivered the oration on “Perception of Difficult Airway in today’s anaesthetic practice: Need for Change!” during 13th North Zone ISACON-2012 held at Government Medical College &amp; Hospital, Chandigarh.</td>
<td>13-10-2012</td>
</tr>
<tr>
<td></td>
<td>“Delhi State Award” for the Year 2011-12 given by Chief Minister Delhi State and Dr. A.K. Walia, Honorable Minister of Health &amp; Family Welfare, Delhi, in recognition of his meritorious services in the field of health care in Delhi.</td>
<td>01-07-2013</td>
</tr>
<tr>
<td></td>
<td>Specialty Expert/Advisor for selection of Assistant Professors Anaesthesiology, conducted by Rajasthan Public Service Commission, Ajmer; 05-09-13 to 06-09-13.</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Achievements</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td></td>
<td>‘Best Poster Presentation’ in Free paper session during 58th Annual National Conference of Indian Society of Anaesthesiologists held at Lucknow in December 2010.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Invited as a reviewer for “Short-term Studentship” projects by ICMR, New Delhi, in December 2014.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Reviewed scientific articles for international and national journals.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Successfully completed ATLS provider course held on JPN Apex Trauma Center from 23-25 Jul 2009</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Successfully completed ATLS instructor course held on JPN Apex Trauma Center from 27-28 Apr 2009</td>
<td></td>
</tr>
<tr>
<td>Tyagi Asha</td>
<td>&quot;National KPR Young Anaesthesiologist award”, conferred by the Indian Society of Anaesthesiologists, Kerala state branch.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>“Appreciation Award” awarded by Dr. A.K. Walia, Honorable Minister of Health &amp; Family Welfare, Delhi, in recognition of the distinguished services to GTB Hospital and UCMS, on the occasion of Doctor’s Day.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research work conducted and presented under guidance adjudged as best research paper in 59th National conference of Indian Society of Anaesthesia; Mumbai: (Presentation of Research in Anaesthesia: Culmination into publication?)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Research work conducted and presented under guidance adjudged as best research paper (poster – postgraduate section) in 1st National conference of obstetric anaesthesia; Chennai: (Role of patient position in Epidural Volume Extension).</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Case study conducted and presented under guidance adjudged as best research paper (poster) in 1st National conference of obstetric anaesthesia; Chennai.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Best Research Paper Presentation for “Perioperative problems in thoracic spine tuberculosis”, presented at Annual Conference of ISA Delhi chapter, held at Army Hospital, Delhi.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Won the T N Jha Memorial Award under guidance of Dr. A. K. Sethi for Best Scientific Research Paper</td>
<td></td>
</tr>
</tbody>
</table>

158
presentation of the Year 1996, at Delhi State Level.

<table>
<thead>
<tr>
<th>AWARD</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Won T N Jha Gold Medal Award under guidance of Dr. A. K. Sethi</td>
<td>1996</td>
</tr>
<tr>
<td>at the National Level for the best national scientific paper;</td>
<td></td>
</tr>
<tr>
<td>Competition held at National Annual Conference of Indian Society of</td>
<td></td>
</tr>
<tr>
<td>Anaesthesiologists at Hyderabad.</td>
<td></td>
</tr>
<tr>
<td>Invited as a reviewer for “Short-term Studentship” projects by</td>
<td></td>
</tr>
<tr>
<td>ICMR, New Delhi, in 2014 and 2015.</td>
<td></td>
</tr>
</tbody>
</table>

• Students in last academic year

<table>
<thead>
<tr>
<th>NAME (In alphabetical order of last name)</th>
<th>AWARD</th>
<th>DATE RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: National level teaching programme: Examination Oriented Refresher Course for Anaesthesia Postgraduate students (EORCAPS) organized annually.

31. Code of ethics for research followed by the departments: All clinical research is followed as per the internationally accepted Code of Ethics for Human Research stated in the Declaration of Helsinki. Further, all clinical research is conducted after approval of the Institutional Ethical Committee.

32. Student profile programme-wises: The department conducts the programme for MD in Anaesthesiology. Admission process for this programme is conducted by the Delhi University as per their laid rules and regulations. No detailed information regarding applicant details as these are available with the department.

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students Admission process for the MD programme run by the department is conducted by the Delhi University as per their laid rules and regulations. No such information regarding applicant details as these are available with individual departments.
### 34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. No such information is available with the department of Anaesthesiology.

### 35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>Not applicable to department of Anaesthesia.</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td></td>
</tr>
</tbody>
</table>

### 36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>5/12 (42%)</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>1/12 (8%)</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>6/12 (50%)</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>None</td>
</tr>
</tbody>
</table>

### 37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: Not applicable to Department of Anaesthesiology.
Anaesthesiology

38. Present details of departmental infrastructural facilities with regard to:
   a) Library: Present
   b) Internet facilities for staff and students: Present
   c) Total number of class rooms: Departmental seminar room with capacity to hold 50 students.
   d) Class rooms with ICT facility and “smart” class rooms: None in the department.
   e) Students’ laboratories: None
   f) Research laboratories: No separate lab in the department.

39. List of doctoral, post-doctoral students and Research Associates: None
   a) from the host institution/university:
   b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university:
   No such information available in Department of Anaesthesiology.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
   No new programmes have been initiated, thus not applicable.

42. Does the department obtain feedback: Feedback is obtained informally.
   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): None

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
   National level teaching programme: Examination Oriented Refresher Course for Anaesthesia Postgraduate Students (EORCAPS) organized annually.

45. List the teaching methods adopted by the faculty for different programmes including clinical teaching.
1. Lectures/Didactic sessions
2. Small group interactive discussions
3. Problem based learning
4. Patient bedside teaching in operation theatres
5. Clinical rounds in ICU.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

Formative assessment after each section of teaching schedule; followed by a feedback to students on their performance.

47. Highlight the participation of students and faculty in extension activities. None

48. Give details of “beyond syllabus scholarly activities” of the department. None

49. State whether the department is accredited by other agencies? No.

50. Briefly highlight contributions of the department in generating new knowledge, basic or applied. None.

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

<table>
<thead>
<tr>
<th>Strengths</th>
<th>Weaknesses</th>
<th>Opportunities</th>
<th>Challenges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualified and experienced faculty</td>
<td>Lack of super-specialized departments.</td>
<td>Expansion to build super-specialized departments.</td>
<td>Budget allocation; space constraint; bureaucracy; inability to drive “duty first” attitude.</td>
</tr>
<tr>
<td>Trainees are adult learners, motivated.</td>
<td>Inadequate advanced equipments to enhance skills.</td>
<td>Attract funds for research</td>
<td></td>
</tr>
<tr>
<td>Good interpersonal relationships</td>
<td>Lack of dedicated in-department academic time for faculty; academic block; online access to wide range of academic material.</td>
<td>Allotting dedicated academic time/hours to faculty. Building academic block with shared resources for all departments such as teaching aids etc...</td>
<td></td>
</tr>
<tr>
<td>Adequate Clinical material</td>
<td>Lack of electronic centralized health information system.</td>
<td>Building up a HIS to also improve transparency in clinical outcomes.</td>
<td></td>
</tr>
</tbody>
</table>
Table 52. Future plans of the department.

| Wide variation in patient presentation/good opportunities for trainee-patient interactions | Lack of consistent availability of essential medications/equipments; lack of in-house. Biomedical engineers for faster maintenance of equipment. | Building of a biomedical engineering wing for in-house maintenance of equipment. |

52. Future plans of the department.

Extension of existing ICU
Up-gradation of existing ICU
Annexure I

Support Staff from UCMS = 1 Post (Library Attendants) - Mr. Vineet Kumar Choudhary

Support Staff from GTBH = Details of follows:-

<table>
<thead>
<tr>
<th>S.NO.</th>
<th>Name of the Post</th>
<th>Sanctioned Posts</th>
<th>Filled Post</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Technical Supervisors</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>2.</td>
<td>Technical Assistant</td>
<td>12</td>
<td>2</td>
</tr>
<tr>
<td>3.</td>
<td>O.T. Technician</td>
<td>33</td>
<td>24</td>
</tr>
<tr>
<td>4.</td>
<td>O.T. Assistants</td>
<td>83</td>
<td>73</td>
</tr>
<tr>
<td>5.</td>
<td>O.T. Attendants</td>
<td>34</td>
<td>7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of Officials</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Shri Jagbeer Singh</td>
<td>Technical Supervisor</td>
</tr>
<tr>
<td>2.</td>
<td>Shri Yogesh Kumar Chouhan</td>
<td>Technical Supervisor</td>
</tr>
<tr>
<td>3.</td>
<td>Shri Prem Kumar Sharma</td>
<td>Technical Supervisor</td>
</tr>
<tr>
<td>4.</td>
<td>Rajendra Singh</td>
<td>Technical Assistant</td>
</tr>
<tr>
<td>5.</td>
<td>Shri Dushyant Kumar Garg</td>
<td>Technical Assistant</td>
</tr>
<tr>
<td>6.</td>
<td>Shri Rajender Kumar Thakur</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>7.</td>
<td>Shri Jagdish Kumar-II</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>8.</td>
<td>Shri Kesho Pal Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>9.</td>
<td>Shri Heera Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>10.</td>
<td>Shri Ram Swaroop</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>11.</td>
<td>Shri Sureeve Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>12.</td>
<td>Shri Navin Chander</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>13.</td>
<td>Shri Jagdish-I</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>14.</td>
<td>Shri Charan Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>15.</td>
<td>Shri D.N. Parsad</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>16.</td>
<td>Shri Mohan Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>17.</td>
<td>Shri Rama Shankar Manjhi</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>18.</td>
<td>Shri Balbir Singh</td>
<td>O.T. Technician</td>
</tr>
<tr>
<td>19.</td>
<td>Shri Bholanath</td>
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<td>22.</td>
<td>Smt. Kamla Devi</td>
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<td>26.</td>
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<td>31.</td>
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<td>Shri O.P. Jagga</td>
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<td>39.</td>
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<td>40.</td>
<td>Shri Ramphal</td>
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<td>Smt. Sheela Saini</td>
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<td>Shri Rameshwar Manjhi</td>
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<td>43.</td>
<td>Smt. Laxmi</td>
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<td>Smt. Heerawati</td>
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<td>54.</td>
<td>Shri Krishan Gopal</td>
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<td>Shri S.N. Chaudhary</td>
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<td>Mohd. Khusnood</td>
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<td>Shri Om Parkash-II</td>
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<td>Smt. Parveen Kumari</td>
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<td>69</td>
<td>Shri Yogesh Kumar</td>
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<td>71</td>
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<td>Shri Jagat Singh Kaira</td>
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<td>Shri Jagdish Parsad</td>
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<td>Smt. Nirmla</td>
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<td>79</td>
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<td>80</td>
<td>Shri Shri Krishan</td>
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Indexed Journals:

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   Cited by 35; Impact factor: 3.4

   Cited by 0; Impact factor: 1.1

   Cited by ; Impact factor: 0.296

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Cited by 27; Impact factor-3.01

Cited by 0; Impact factor-1.47

Cited by 5; Impact factor-

Cited by 0; Impact factor-1.47


44) Mohta M. Re: Routine use of tramadol against shivering may be at the expense of increased nausea and vomiting. Available at Anaesthesia Correspondence Website Cited by 0; Impact factor-1


51) Mohta M. If airconditioning is not functioning... Indian J Anaesth 2010; 54: 580. Cited by 0; Impact factor-NA


Cited by 0; Impact factor-NA

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Cited by 7; Impact factor-0.296


97) Jain R, Kumar Mahendra, Haq ZA, Banerjee A. Negative pressure pulmonary oedema following use of ProSeal LMA. Indian Journal of Anaesthesiology, 2013;57:188-90 Cited by 0; Impact factor-NA

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126) Singh M, Ahuja S, Mohta M, Tyagi A. Undergraduate Medical Students Assessment of a revised curriculum – How effective? J Anesthesiology and Clinical Pharmacology 2006; 22 (4): 399-402. Cited by 1; Impact factor-0.296


Cited by 0; Impact factor-1.4

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Cited by 0; Impact factor-3.01

Cited by 48; Impact factor-3.01

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-0.919

Cited by 0; Impact factor-NA

138) Tyagi A, Ahuja S, Bhattacharya A. Undergraduate Medical Student’s Assessment of Teaching Curriculum – A cross sectional study. Indian Journal of Anaesthesia 2002; 46 (3): 186-188.
Cited by 4; Impact factor-NA

Cited by 4; Impact factor-1.4

Cited by 0; Impact factor-NA

Cited by 39; Impact factor-NA
Cited by 0; Impact factor-NA

Non-Indexed Journals:

Cited by 0; Impact factor-NA

144) Sethi AK, Mohta M, Tyagi A. Geriatric trauma- A short review. MJDYPU (Medical Journal D Y Patil University) 2009; Volume 02: 3-9.
Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

151) Sethi AK, Mohta M, Tyagi A. Geriatric trauma- A short review. MJDYPU 2009; II: 3-9.
Cited by 0; Impact factor-NA


**Chapters in Book**


12. Kumar M. Inhaled Anaesthetics; Other drugs related to Anaesthesia; In: Anaesthesiology Updates (for postgraduates); J P Brothers Medical Publishers (P) Ltd; 2013

13. Kumar M. Intravenous Fluids: Crystalloids and Colloids; In: Anaesthesiology Updates (for postgraduates); J P Brothers Medical Publishers (P) Ltd; 2013


CITATION RANGE: 1 TO 606.
IMPACT FACTOR: 1.2-3.8
H INDEX: 12
I10: 10-16
DEPARTMENT OF ANATOMY

1. Name of the Department    ANATOMY

2. Year of establishment    1971

3. Is the Department part of a college/Faculty of the University
   FACULTY OF MEDICAL SCIENCES, UNIVERSITY OF DELHI

4. Names of programs offered (UG, PG, PharmaD, Integrated Masters), M.Phil, Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super speciality fellowship, etc.)

   MBBS, MD, Ph.D, B.Sc. (Radiography)

   Anatomy classes for B.Sc. (Physiotherapy) Course of Amar Jyoti Institute under Delhi University.

   Medical Laboratory Technology

   Anatomy classes for MDS Paedodontics & Preventive Dentistry Course

5. Interdisciplinary courses and departments involved.

   All the departments participate in Interdisciplinary programmes

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   Nil

7. Details of programs discontinued, if any with reasons

   NA

8. Examination System : Annual/Semester/Trimester/Choice Based Credit System
   ANNUAL

9. Participation of the department in the courses offered by other departments.
   MD, MDS, B.Sc. (Physiotherapy), B.Sc. (Radiography), Medical Laboratory Technology (in-service) Training

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asstt. Professors)

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<td>Asstt. Professors</td>
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11. Faculty profile with name, qualification, designation, specialization, (D.Sc./D. Litt./Ph.D./M.Phil. etc.)

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<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
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<tr>
<td>Dr. Mahindra Nagar</td>
<td>MBBS, MD (Anatomy)</td>
<td>Professor &amp; Head</td>
<td>Anatomy</td>
<td>36 Yrs</td>
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<tr>
<td>Dr. Renu Chauhan</td>
<td>MBBS, MD (Anatomy)</td>
<td>Assoc. Professor</td>
<td>Anatomy</td>
<td>18 Yrs</td>
</tr>
<tr>
<td>Dr. Sunita Kalra</td>
<td>MBBS, MD (Anatomy)</td>
<td>Assoc. Professor</td>
<td>Anatomy</td>
<td>14 Yrs</td>
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</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
   NIL

13. Percentage of classes taken by temporary faculty-program-wise information.
   NIL

14. Program-wise Student Teacher Ratio
   1:16

15. Number of academic support staff (technical) and administrative staff
   Sanctioned, filled and actual
   
   Technical Assistant  3  
   Technicians (Lab. Asstt.)  2  
   Modellers/Curator  1  
   Dissection Hall Attendants  2  
   Steno typist  1  
   Store Keeper-cum-clerk  1  

16. Research thrust areas as recognized by major funding agencies
   a) Effect of 4-methylimitazole on liver in albino rats – A Histomorphometric study. Dr. Sunita Kalra, Dr. Surbhi Wadhwa, Dr. Suman
   b) Effect of Cypermethnin on testis in Albino Rats - A Histomorphometric study: Dr. Renu Chauhan, Dr. Mahindra Nagar, Dr. Sonu.
c) Morphometric Analysis of Human Atlas and Axis Vertebrae – Dr. Renu Chauhan, Dr. Mahindra Nagar, Dr. Novelesh Bachchan.

17. Number of faculty with ongoing projects from a) national b) international funding agencies and c) Total grants received. Mention names of funding agencies and grants received project-wise.

Projects funded by UGC (Last 5 years)

a) Effect of bisphosphonate on the metaphysis of tibia in albino rats – Dr. K. Khatri, Dr. M. Nagar and Dr. Sarah Ralte.

b) Effect of Carbaryl on liver of albino rats - Dr. M. Nagar, Dr. Ram Prakash and Dr. Manumati Munglang

c) Effect of Losartan on mucous glands of trachea of albino rat – Dr. V. Bharihoke, Dr. J. Khanna and Dr. Preeti Makkar

d) Effect of Cisplatin on the ovary of albino rat – A histomorphometric study – Dr K. Khatri, Dr. M. Nagar and Dr. Shalini Kumar

e) Effect of Deltamethrin on testes of albino rat - Dr. M. Nagar, Dr. K. Khatri and Dr. Anil Kumar.

f) Trochlear nerve nucleus in albino rat— Dr. J. Khanna, Dr. V. Bharihoke and Dr. Anudeep Singh

g) Effect of ECT on islets of Langerhans of Pancreas in albino rat – A histomorphometric study – Dr. V. Bharihoke, Dr. M. Nagar, Dr. Rajeev Bhardwaj and Dr. C. S. Aarthy.

h) Effect of MSG on Thyroid gland in albino rat – A Histomorphometric study – Dr. Kamlesh Khatri, Dr. J. Khanna, Dr. Renu Chauhan and Dr. Pooja Rani

i) Effect of Ethephon on Liver in Albino Rats – A Histomorphometric Study – Dr. Veena Bharihoke, Dr. Mahindra Nagar, Dr. Pooja Meena.

j) Effect of Cyclophosphamide on liver in Albino Rats: A Comparative Dose Dependent Histomorphometric Study. Dr. Renu Chauhan, Dr. Mahindra Nagar, Dr. Gitanjali Khorwal.

k) Effect of Sucralose on Liver of Albino Rat – Dr. Veena Bharihoke, Dr. Sunita Kalra, Dr. Diwakar Dhurandhar.

l) Effect of 4-methylimidazole on liver in albino rats – A Histomorphometric study. Dr. Sunita Kalra, Dr. Surbhi Wadhwa, Dr. Suman
m) Effect of Cypermethrin on testis in Albino Rats - A Histomorphometric study: Dr. Renu Chauhan, Dr. Mahindra Nagar, Dr. Sonu.

n) Morphometric Analysis of Human Atlas and Axis Vertebrae – Dr. Renu Chauhan, Dr. Mahindra Nagar, Dr. Novelesh Bachchan.

Projects funded by

Dr. Renu Chauhan – One by ICMR

Dr. Sunita Kalra – One by ICMR

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration
b) International collaboration

19. Departmental projects funded by ICMR, DST-FIST, UGC-SAP/CAS, DPE, DBT, ICSSR etc. total grants received

<table>
<thead>
<tr>
<th>Principal Investigator</th>
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<th>Years</th>
<th>Funded by</th>
<th>Grant Rs.</th>
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<tr>
<td>Dr. Renu Chauhan</td>
<td>Effect of Monosodium Glutamate on Bronchiolar Wall of Albino Rats – A Histomorphometric Study</td>
<td>2013-14</td>
<td>ICMR</td>
<td>Rs.10,000/-</td>
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<tr>
<td>Dr. Sunita Kalra</td>
<td>Effect of Sucralose on the islets of Pancreas</td>
<td>2012-13</td>
<td>ICMR</td>
<td>Rs.10,000/-</td>
</tr>
</tbody>
</table>

20. Research facility/centre with

- State recognition: Yes
- National recognition: Yes
- International recognition: Yes

21. Special research laboratories sponsored by/created by industry or corporate bodies.

1. Dissection Hall
2. Histology Laboratory
3. Research Laboratory
4. E-lab.
5. Museum
22. Publications (last five years)

Publications (last five years)

Dr. Mahindra Nagar

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 3; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

   Cited by 0; Impact factor-0.324

    Cited by 0; Impact factor-0.324

    Cited by 0; Impact factor-0.324

Anatomischer Anzeiger, 2011
Cited by 5; Impact factor-2.006

Cited by 0; Impact factor-0.324

Cited by 0; Impact factor-0.324

Cited by ; Impact factor-0.324

Cited by 0; Impact factor-0.324

Cited by 0; Impact factor-

Cited by 0; Impact factor-1.486

Cited by 0; Impact factor-

Cited by 0; Impact factor-1.486

Cited by 0; Impact factor-0.324


Cited by 0; Impact factor-NA

4) Rani P., Khatri K. and Chauhan R.. Monosodium glutamate induced histomorphometric changes in thyroid gland of adult Wistar Rat. J Me d A l l i e d S c i. 2 0 1 3 ; 3 ( 2 ) : 67-71

Cited by 1; Impact factor-0.775

5) Chauhan R. The position of greater palatine foramen in human skulls of north indian origin. j surg acad. 2013; 3 (2) : 54-57

Cited by 1; Impact factor-NA


Cited by 3; Impact factor-0.899


Cited by 0; Impact factor-0.324


Cited by 0; Impact factor-0.324


Cited by 0; Impact factor-NA


Cited by 0; Impact factor-NA

11) Chauhan R., Nagar M.. Dorsal Sacral Dimensional Anatomy- Revisited.International Journal of research in Medical Sciences. 2015 Sent for publication

Cited by 0; Impact factor-NA


Cited by 0; Impact factor-NA
Published books

2. Essentials of Genetics- Dr. Renu Chauhan. Avichal publishing company, New Delhi, India. First Edition 2014

Dr. SunitaKalra

   Cited by 0; Impact factor-NA
2. Kalra S, Tuli A, Choudhry R and Raheja S. Comparative study to evaluate the anticardiolipin antibody IgG associated with first trimester recurrent abortions in pregnant and non pregnant women. Journal International Medical Sciences Academy, 2011; 24(2); 57-58.
   Cited by 0; Impact factor-NA
   Cited by 1; Impact factor-NA
   Cited by 0; Impact factor-NA
   Cited by 0; Impact factor-NA
   Cited by 0; Impact factor-NA
   Cited by 0; Impact factor-NA
   Cited by 0; Impact factor-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

Dr. Mahindra Nagar

- External examiners for UG MBBS PG Anatomy, MSc, BSc Anatomy, BSc Physiotherapy, BHIMS, BDS examination B.D. Sharma University of Health Sciences, Rohtak, Himachal Pradesh, Baba Farid, AIIMS, Indraprastha, Jaipur, Punjab, Lucknow, Maharashtra, Gujarat, Dehradun, Uttar Pradesh, Nepal Universities.
- Paper setter & evaluator for MBBS, MD Anatomy, BSc (Physiotherapy), BSc (Radiology) for Delhi & many other National & International Universities.

Dr. Renu Chauhan

- External Examiner for UG Anatomy exam - Calcutta, Haryana and UP.
- Evaluator for MBBS and MSc Anatomy Thesis and dissertation for AIIMS and Haryana University.
- Paper setter & evaluator for MBBS, MD Anatomy, BSc (Physiotherapy), BSc (Radiology) for Delhi & other National Universities

Dr. Sunita Kalra

- External examiner : Santosh Medical College & Hospital, Ghaziabad.
- Internal examiner ; Undergraduate, B.Sc. (Radiography) University of Delhi.
26. Faculty serving in
   a) National committees  b) International committees  c) Editorial Boards  d) any other (specify)

Dr. Mahindra Nagar

1. On the National Editorial Advisory Board of Indian Journal of Forensic Medicine & Toxicology.
2. Appraiser for National Board of Examinations, Ministry of Health & Family Welfare, Government of India for the Primary and Final Examinations all over India.
3. Coordinator/assessor for the Medical Council of India, Ministry of Health & Family Welfare, Government of India for UG & PG all over India.
5. Member of the PG Medical Education committee, School of Medical Sciences & Research, Sharda University since Oct., 2012.
6. Expert Member of Selection Board for interview of faculty by Pt. B.D. Sharma University of Health Sciences, Rohtak.
7. Chairperson in National anatomical workshops
8. Member of the Selection Committee for interview of faculty at LHMC, Delhi.
9. Expert Member of the Board of Studies of Shree Guru Gobind Singh Tricentenary Medical College, Hospital & Research Institute, Gurgaon-Farukhnagar Road, Village Bhudhera, Distt. Gurgaon (HR)-122505.
10. Supervisor for MD Anatomy, MS Orthopedics & PhD thesis
11. Invited by the National Board of Examination, for delivering lectures for post graduates by Teleconferencing.
12. Examiner for MBBS, MD Anatomy, BSc (Physiotherapy), BSc (Radiology) in Delhi University
13. Chairperson in the workshop of Embalming techniques, Plastination and organ donation, held at MAMC for the past 3 yrs.

Dr. Renu Chauhan

1. Paper setter and evaluator for B.Sc. Nursing exam 2013, to be held by Mahatama Gandhi University of Medical Sciences & Technology, Tonk Road, Jaipur.
2. Internal Examiner for Ist Prof. MBBS and MD Anatomy, conducted by Delhi University.
3. Mentor in student Mentoring programme.
7. Done Clinical duties as and when required by the administration.
**Anatomy**

**Dr. Sunita Kalra**

1. Member College complaints committee related to sexual harassment committee.
2. Invited by National Board of examination for delivering lectures by teleconferencing.
3. Invited by National Board of Examination for conduct of workshop on MCQ validation.
4. Reviewer : Clinical anatomy
5. Mentor in student Mentoring programme
6. Member Secretary, College Complaints Committee.

7. Faculty recharging strategies (Refresher/orientation programs, workshops, training programs and similar programs).
   
   Faculty attends Continuous Medical Education (CME), workshops

8. **Student projects**
   - Percentage of students who have taken up in-house projects including inter-departmental projects
     
     NA
   - Percentage of students doing projects in collaboration with other universities/industry/institute.
     
     Dr. Renu Chauhan : 1
     
     Dr. Sunita Kalra : 1

9. **Awards/recognitions received at the national and international level by**
   - Faculty

**Dr. Mahindra Nagar**

1. Awarded “PROF. SATYA GUPTAS AWARD” for the best paper presented in the National Conference of IAP.
2. Dr. H J MEHTA MEMORIAL AWARD” for best paper published in the Journal of Anatomical Society of India.
3. Life member of the Anatomical Society of India.
4. Life member of the Delhi Association of Morphological Sciences.
5. Life member of the Indian Society of Pain Research and Therapy.
6. Member of the Afro-Asia Oceania Congress of Anatomists.
7. Member of the Indian Group of International Society for Stereology.
9. Member of Governing Body of University College of Medical Sciences
Anatomy

10. Member of Medical Illustration Unit of the College.
11. Life member of Indian Society for Study of Pain (ISSP).

Dr. Renu Chauhan

1. Awarded IIprize in the Poster Competition organized by Directorate of Health Services, NCT at MAMC, 1997 at New Delhi.
4. Life member of the Anatomical Society of India.
5. Life member of the Delhi Association of Morphological Sciences.
6. Life member of Delhi Medical Association
7. Life member of Indian Medical Association

Dr. SunitaKalra

1. Fellow of International Medical sciences Academy (IMSA).
2. Life membership of the Anatomical Society of India.
3. Life membership of International Medical Sciences Academy (IMSA)
4. Life Membership of Delhi Association of Morphological Sciences
   - Doctoral/Post doctoral fellows
   - Students

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any

Department has been organizing regular scientific meeting of the Delhi Association of Morphological Sciences.

- All faculty members have been attending the National Conferences of Anatomical Society of India been held in the various cities of India.
- All faculty members have been attending the National Continuous Medical Education workshops held in the various cities in India.
- All faculty members have been attending “Recent trends in Auditory research”, MAMC.
- All faculty members have been attending “Embalming techniques, Plastination and organ donation”, MAMC.
31. Code of ethics for research followed by the departments
   NA

32. Student profile program-wise: NA

<table>
<thead>
<tr>
<th>Name of the Program</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students: NA

<table>
<thead>
<tr>
<th>Name of the Program</th>
<th>% of students from the same University</th>
<th>% of students from other Universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category wise.

- Dr. Gautam Pandey, PG Student (2011-12)
- Dr. Sharad Chauhan, UG Student (1985-90)

35. Student progression: NA

<table>
<thead>
<tr>
<th>Student Progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil,DM/M.Ch./DNB</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td></td>
</tr>
</tbody>
</table>

36. Diversity of staff

| Percentage of faculty who are graduates | 100% |
| Of the same university | 2 (67%) |
| From other universities within the State | 0 |
| From Universities from other States | 1 (33%) |
| From Universities outside the country | 0 |
37. Number of faculty who were awarded M.Phil, DM, M.Ch., Ph.D., D.Sc. and D.Litt. during the assessment period.

Nil

38. Present details of departmental infrastructural facilities with regard to
   a) Library
   b) The Seminar Room cum departmental Library is centrally air-conditioned, can accommodate 25 persons, and has a black board, an overhead projector, slide projector and Departmental library with computer and LCD Projector and wall mounted screen.
   c) Accommodation
      i) Size : 20'X 20'
      ii) Capacity : 25 Persons
   d) 141 books in Anatomy and allied subjects in departmental library
   e) Internet facilities for staff and students:
      Every faculty member has a computer with Internet facilities and a printer
   f) Total number of class rooms
      • Demonstration rooms : 2
      • Dissection Hall : 1
      • Histology Lab : 1
      • Museum : 1
      • E- Lab : 1
      • Lecture theatres : 4
      • Examination Hall : 1
   g) Class rooms with ICT facility and smart class rooms
      One seminar room and two demonstration rooms with ICT facility
   h) Students' laboratories
      i) Gross Anatomy
      ii) Neuro Anatomy
      iii) Histology
      iv) Embryology
      v) Genetics
      vi) Research Lab.
39) List of doctoral, post-doctoral students and Research Associates
   a) From the host institution/university 3 PG students
   b) From other institutions/universities: Nil

40. Number of post graduate students getting financial assistance from the university.
   3 students

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.
   NA

42. Does the department obtain feedback from
   a) Faculty on curriculum as well as teaching-learning-evaluation and how does the department utilize the feedback? Yes
   b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes. Feedback helps to improve the teaching
   c) Alumni and employers on the programs offered and how does the department utilize the feedback?
      NA

43. Give the distinguished alumni of the department (maximum 10)
   NA

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

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
   Black board, Power point Lectures, Museum Models, Prosected parts,
   Dissection of Human cadavers, Microslides of all viscera, Soft Parts, X-rays.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
   All parts taught are evaluated in form of written exams and viva voce held regularly.

47. Highlight the participation of students and faculty in extension activities.
   We organize dissection competition for the students
48. Give details of “beyond syllabus scholarly activities” of the department. Seminars are held for students in small batches.

49. State whether the program/department is accredited/graded by other agencies? If yes, give details.
   
   No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   
   Students are given latest information of various clinical aspects of Anatomy

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

   **Strength**
   
   a) Faculty is doing national and international research on various topics.
   b) Faculty takes 100% classes allotted to them
   c) Non-teaching staff is extremely cooperative and do 100% of allotted duties.
   d) Faculty is attending various national and international conferences/CMEs and workshops held.
   e) The dissection hall, museum and histology lab are well equipped for UG and PG students with the latest equipments.

   **Weakness**
   
   a) The department has an acute shortage of faculty at present.

52. Future plans of the department.

   We would like to set up a Genetic and HLA Laboratory.
Biochemistry

**Department of Biochemistry**

1. Name of the Department : Biochemistry

2. Year of establishment: 1971

3. Is the Department part of a college/Faculty of the university? Part of a College

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.): UG (MBBS) PG (MD Biochemistry) and PhD Medical Biochemistry

5. Interdisciplinary programs and departments involved: Clinical Grand Rounds, Telemedicine; Faculty and students of all departments are involved

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: None

7. Details of programs discontinued, if any, with reasons: NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Internal assessment is Semester based, University Examinations (1st, 2nd, 3rd and final professional Examinations) are conducted annually

9. Participation of the department in the courses offered by other departments: Faculty members co-supervise theses of Post graduate and PhD students of other departments

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

<table>
<thead>
<tr>
<th>Designation</th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>2</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>3</td>
<td>3</td>
<td>1</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>6</td>
<td>3</td>
<td>3</td>
</tr>
<tr>
<td>Lecturer</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>6</td>
<td>6</td>
<td>6</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. B D Banerjee</td>
<td>M.Sc. PhD</td>
<td>Professor</td>
<td>Gene environment interaction</td>
<td>31</td>
</tr>
<tr>
<td>Dr. S B Sharma</td>
<td>M.Sc. PhD</td>
<td>Professor</td>
<td>Isolation and purification of active principles from herbal plants</td>
<td>34</td>
</tr>
<tr>
<td>Dr. Dinesh Puri</td>
<td>MD, PhD</td>
<td>Professor</td>
<td>Medical Biochemistry</td>
<td>25</td>
</tr>
<tr>
<td>Dr. Rimi Shukla</td>
<td>M.Sc. PhD</td>
<td>Professor</td>
<td>Medicinal plants useful in treatment of Diabetes</td>
<td>38</td>
</tr>
<tr>
<td>Dr. A K Tripathi</td>
<td>M.Sc. PhD</td>
<td>Professor</td>
<td>Diabetes and chronic kidney diseases</td>
<td>39</td>
</tr>
<tr>
<td>Dr. Rafat S Ahmed</td>
<td>M.Sc. PhD</td>
<td>Assoc. Prof.</td>
<td>Rheumatoid arthritis, phytotherapy.</td>
<td>28</td>
</tr>
</tbody>
</table>
### Biochemistry

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Seema Garg</td>
<td>MD</td>
<td>Asstt. Prof.</td>
<td>Diabetes</td>
<td>11</td>
</tr>
<tr>
<td>Dr. Mohit Mehndiratta</td>
<td>MD</td>
<td>Asstt. Prof.</td>
<td>IUGR &amp;Cancer</td>
<td>9</td>
</tr>
<tr>
<td>Dr. Rajarshi Kar</td>
<td>MD</td>
<td>Asstt. Prof.</td>
<td>Cancer Biology</td>
<td>7</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None

13. Percentage of classes taken by temporary faculty – program-wise information: None

14. Program-wise Student Teacher Ratio: 10:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: Sanctioned:

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>588</td>
<td>406</td>
<td>182</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies:
   a. Study of Biochemical and genetic risk factors in coronary artery disease, Diabetes mellitus and chronic kidney disease.
   b. Medicinal plants in the treatment of diabetes mellitus and dyslipidemia.
   c. Autoimmune disorders and Phytotherapy
   d. Environmental Biology
   e. Immunology
   f. Cancer genetics

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.

<table>
<thead>
<tr>
<th>S. no</th>
<th>Principal Investigator</th>
<th>Title of the Project</th>
<th>Years Funded by</th>
<th>Grant Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. B.D. Banerjee</td>
<td>(1) A study on gene-environment interaction and high risk phenotypes in the etiology of preterm birth in North Indian population. (3)Gene –Environment Interaction and identification of high risk phenotype in the etiology of epithelial ovarian cancer.</td>
<td>2012-2015 ICMR 2014-2017 DBT</td>
<td>Rs.50 lakh Rs. 56 lakhs</td>
</tr>
<tr>
<td>3</td>
<td>Dr. A. K. Tripathi</td>
<td>Chronic kidney disease: A study on polymorphism of xenobiotic metabolizing enzymes dealing with persistent organic compounds and development of therapeutic interventions in vitro.</td>
<td>2013-2016</td>
<td>DST</td>
</tr>
<tr>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Rafat S. Ahmed</td>
<td>Effect of different extracts of <em>Withaniasomnifera</em> in the treatment of rheumatoid arthritis: An experimental study</td>
<td>(2012-2015)</td>
<td>DBT</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Rajarshi Kar</td>
<td>&quot;Primary cultures of epithelial ovarian cancer as a tool to detect resistance to chemotherapeutic agents – a pilot study&quot;</td>
<td>2014-2017</td>
<td>DBT</td>
</tr>
</tbody>
</table>

18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration : Nil

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
   Total no of projects 05+ Total grant Rs. 2.5 Crore

20. Research facility / centre with
   - state recognition
   - national recognition
   - international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies: NA

22. Publications:
   * Monographs None
   * Number of papers published in peer reviewed journals (national / international)

   National/International- 133 (Annexure 1)

   * Chapters in Books: 2 (Annexure 1)
   * Books edited: 1 (Annexure 1)
   * Books with ISBN with details of publishers: 1 (Annexure 1)
   * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, 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. Banerjee BD | Visited Department of Psychiatry, College of Medicine, University of Illinois, Chicago, US under Indo-US sponsored program for scientific interaction & program development and presented paper as invited speaker on "Neurobehavior responses and cellular changes in experimental animals and... | 2009 |
Biochemistry

| human poisoning cases: Association with xenobiotic exposure " In Indo US conference on translational neuroscience 2009: New trends on Mental and Neurodegenerative research! |
| Visiting professor in the Department of Biomedical Laboratory Sciences and Management (UGC Innovative Department), Vidyasagar University, Midnapore (West Bengal). |
| Visiting Professor in the Department of Environmental Biology, School of Environmental studies, University of Delhi, Delhi |

| 2012 |
| 15 Jan 2013 till date |

26. Faculty serving in
a) National committees NA
b) International committees NA
c) Editorial Boards:
   International Journal of Clinical Biochemistry and Research (Dr Seema Garg)
d) Any other (specify)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

- Advanced Course Workshop in Medical Education Technology, 14 & 15 October, 2013
- Second Faculty Development Workshop from 15th to 19th March 2011
- First Faculty Development Workshop from 1st to 6th February 2010
- Workshop on "Biostatistics for thesis Supervisors" 2012
- "Using PubMed, Cochrane Library, and Mendeley to Search, Save, Store and Cite References" 4 November 2012
- Faculty Development Workshop "How to Supervise a Thesis" 29-30 September, 2012
- Faculty Development Workshop "How to Obtain Funding for Research" 22-23 November, 2011

28. Student projects

- Percentage of students who have taken up in-house projects including inter-departmental projects: All PG students require doing a research project and writing a thesis as a mandatory requirement.
- Percentage of students doing projects in collaboration with other universities / industry / institute
  - UG students take up project through ICMR STS. All PG students undertake thesis projects funded by IMRG

29. Awards / recognitions received at the national and international level by

- Faculty:

  Professor BD Banerjee-
  - Chairman Organising committee, IMMUNOCON-2013 at UCMS & GTB hospital held on 1st May, 2014.
  - Visiting Professor- University of Santiago de Compostela, Spain, during June-July 2014.
  - Visiting Professor- Rajiv Gandhi Central University, Itanagar, Arunachal Pradesh 13th October to 19th October, 2014.
  - Visiting Professor- St. Edmund’s College (NEHU), Shillong, Meghalaya October, 2014.
  - Chairing Session, IMMUNOCON, 2014 Madurai Kamaraj University.
Dr S B Sharma

- Chairing Session
  - ACBICON 2014 held on 10th-13th Dec, 2014 Jodhpur
  - ISARCON, 2014 held on 25-27th Nov. 2014 KGMU, Lucknow

- Doctoral / post doctoral fellows: NA
- Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.
   Symposium-Application of Flow Cytometry in Clinical/Biomedical Research-1st May 2014

31. Code of ethics for research followed by the departments : All research projects are approved by Institutional Ethics Committee- Animal research and Human research

32. Student profile program-wise: NA

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>All courses</td>
<td>Selection from all across country for Indian citizens</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. NA

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>Percentage against enrolled</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>As per national and state entrance examination</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>DU selection committee</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>NA</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period: Nil
38. Present details of departmental infrastructural facilities with regard to:
   a) Library:
      There are 108 books in the departmental library
   b) Internet facilities for staff and students:
      All faculty members have internet facility. Separate internet for residents has also been provided.
   c) Total number of class rooms:
      1 Demo room
   d) Class rooms with ICT facility and 'smart' class rooms:
      Not available
   e) Students' laboratories:
      One Undergraduate and one post graduate lab
   f) Research laboratories:
      1. Molecular biology lab
      2. Immunology lab
      3. Environmental biology lab
      4. Cell culture lab
      5. Central research laboratory

39. List of doctoral, post-doctoral students and Research Associates
   a) From the host institution/university
      List of Doctoral (Ph.D)
      1. Mythily Subramaneyaan
      2. Kumari Asha
      3. Aiman Abbas Jafri
      4. Mahmood Ahmad Khan
      5. Richa Gupta
      6. Tusha Sharma
      7. Mohini Sharma
      8. Vipin Tyagi
      9. Pawan Kumar Kare
      10. Mool Kumar Tyagi
      11. Praveen Deshmukh
      12. Kanu Megha
      13. Mohd Jahid
      14. Ranjeet Kumar
      15. Gaurav Kumar Thakur
      16. Rashmi Ghanshela
      17. Rishila Gosh
      18. Neeru Singh

      MD Students
      1. Dr. Kapil Dev
      2. Dr. Divya Narang
      3. Dr. Divesh Sharma

   b) From other institutions/universities NIL

40. Number of post graduate students getting financial assistance from the university. 03

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. NA

42. Does the department obtain feedback from
   a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
      There are regular meetings amongst the faculty to discuss the problems faced in teaching and evaluation and ways to improve them.
      Pre-practical and Pre-tutorial meetings are done to ensure uniform teaching
   b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      Yes after each lecture block. The feedbacks are taken by the teacher concerned and
evaluated systemically and the problems faced by most students are addressed in the next lecture block. The problems are also discussed with other teachers so that they can also incorporate the same in their lectures.

c. Alumni and employers on the programs offered and how does the department utilize the feedback? No

43. List the distinguished alumni of the department (maximum 10)
   List not available

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.
   Symposium- Application of Flow Cytometry in Clinical/Biomedical Research- 1st May 2014

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
   ➢ Blackboard teaching
   ➢ Power point presentations
   ➢ Problem based learning
   ➢ Clinical case discussion

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
   ➢ Students feed back through questionnaires.
   ➢ Written tests and Viva at regular intervals

47. Highlight the participation of students and faculty in extension activities.
   Students are required to visit and work in Primary health centre as a part of community medicine

48. Give details of “beyond syllabus scholarly activities” of the department.
   Students are members of literary clubs and dramatics and participate and win prizes in several inter college competitions.

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
   No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
    The department has published both basic and translational research results in highly rated peer reviewed journals.
    Faculty holds both national international patents for newly developed active principle.

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

   **Strengths**
   1. Highly qualified and dedicated faculty members
   2. Hard working and sincere students and research scholars
   3. Very good research environment
   4. Regular and high quality academic activities
   5. Participation in extracurricular activities like, sports, music, literary and art societies

   **Weaknesses**
   1. Less number of post graduate students
   2. Less number of technical staff
   3. Lack of coordination between clinical lab and department
   4. Shortage of lab attendants
   5. Need of renovation of undergraduate labs
Biochemistry

Opportunities

1. Research facility
2. Freedom in work place
3. Funding to disseminate research results by attending conferences, both national and international
4. Enough budget to procure non planned items throughout the year for the department
5. Good library

Challenges

1. Infrastructure
2. Improving Power supply
3. Improving the Clinical lab
4. Space constraints
5. Difficulty in organizing national level conferences

52. Future plans of the department.

The department has contributed immensely in establishing the Multi-disciplinary research unit funded by ICMR. The central research lab developed under this scheme has state of the art instruments which will give the faculty, students and research scholar a solid platform to carry out research of international standards. The department plans to shift the focus from animal studies to cell cultures.

The department also plans to incorporate newer teaching methods in the undergraduate and post graduate curriculum. The high end instruments available to the department will allow us to improve the practical course for post graduate students so that they are trained to work these instruments.
Annexure I

2009-2010

   
   Cited by: 0; Impact factor: 3.207

   
   Cited by: 0; Impact factor: 2.303

   
   Cited by: 26; Impact factor: 1.077

   
   Cited by: ; Impact factor: 7.149

   
   Cited by: 13; Impact factor: 3.281

   
   Cited by: 6; Impact factor: 3.281

   
   Cited by: 12; Impact factor: 0.51

   
   Cited by: 0; Impact factor: 1.862

   
   Cited by: 0; Impact factor: 2.303

    
    Cited by: 49; Impact factor: 2.939

    
    Cited by: 14; Impact factor: 1.077
Cited by: 0; Impact factor: 1.862

Cited by: 15; Impact factor: 1.862

Cited by: 5; Impact factor: 2.500

Cited by: 12; Impact Factor: 0.753

Cited by: 16; Impact Factor:2.229

Cited by: 35; Impact Factor:1.407

Cited by: ; Impact Factor:NA

Cited by: 11; Impact Factor:1.077

Cited by: ; Impact Factor:5.824

Cited by: ; Impact Factor:NA

Cited by: 27 ; Impact Factor:2.668

Cited by: 13 ; Impact Factor:2.462

Cited by: 31; Impact Factor:2.610

Cited by: 15; Impact Factor:1.077

Cited by: 16; Impact Factor:1.077

2010-2011

Cited by: 5; Impact Factor:1.596

Cited by: 36 ; Impact Factor:NA

Cited by: 35; Impact Factor:0.775

Cited by: 26; Impact Factor:1.077

Cited by: 5; Impact Factor:2.349

Cited by: ; Impact Factor:NA

Cited by: 8; Impact Factor:NA

Cited by: 22; Impact Factor:1.699
Cited by: 10; Impact Factor:1.077

Cited by: 31; Impact Factor:3.499

Cited by: 26; Impact Factor:2.229

Cited by: 20 ; Impact Factor:1.679

Cited by: 8 ; Impact Factor:NA

Cited by: 15; Impact Factor:2.282

Cited by: 23 ; Impact Factor:2.668

Cited by: 21 ; Impact Factor:2.161

Cited by: 11; Impact Factor:1.077

2011-2012

Cited by: 13; Impact Factor:1.679

46. Bansal S, Siddarth M, Chawla D, Banerjee BD, Madhu SV, TripathiAK. Advanced glycation end products Enhanced generation of reactive oxygen and nitrogen species and induction of

Cited by: 26; Impact Factor: 2.388


Cited by: 1; Impact Factor: NA


Cited by: 8; Impact Factor: 2.193


Cited by: 16; Impact Factor: 1.627


Cited by: 6; Impact Factor: 2.060


Cited by: 10; Impact Factor: NA


Cited by: 21; Impact Factor: 2.174


Cited by: 7; Impact Factor: 4.787


Cited by: 3; Impact Factor: 2.711


Cited by: 17; Impact Factor: 2.771


Cited by: 8; Impact Factor: 1.407

57. Singh S, Kumar V, Singh P, Banerjee BD, Rautela RS, Grover SS, Rawat DS, Pasha ST, Jain SK, Rai A. Influence of CYP2C9, GSTM1, GSTT1 and NAT2 genetic polymorphisms on

Cited by: 13 ; Impact Factor: 4.44


Cited by: 10; Impact Factor:3.466


Cited by: 3; Impact Factor:1.735


Cited by: 12; Impact Factor:2.481


Cited by: 35; Impact Factor:1.862


Cited by: 25; Impact Factor:3.63


Cited by: 9; Impact Factor:3.630


Cited by: 4; Impact Factor: 2.009


Cited by: 7; Impact Factor: 1.699


Cited by: 19; Impact Factor:1.407


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   Cited by: 13; Impact Factor: 4.44

   Cited by: 4; Impact Factor: 1.50

   Cited by: 16; Impact Factor: 1.627

   Cited by: 0; Impact Factor: 1.132

   Cited by: 12; Impact Factor: 1.596

   Cited by: 6; Impact Factor: 0.375

   Cited by: 7; Impact Factor: 1.407

   Cited by: 0; Impact Factor:NA

   Cited by: 2; Impact Factor:1.862

   Cited by: 0; Impact Factor:NA


   Cited by: 3; Impact Factor: NA

   Cited by: 0; Impact Factor: 1.077

   Cited by: 12; Impact Factor: 1.077

   Cited by: 5; Impact Factor: 2.349

2013-2014

   Cited by: 5; Impact Factor: 2.082

   Cited by: 16; Impact Factor: 2.229

   Cited by: 6; Impact Factor: 1.077

   Cited by: 8; Impact Factor: NA

   Cited by: 1; Impact Factor: NA

   Cited by: 12; Impact Factor: 1.925

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Cited by: 0; Impact Factor:2.229

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   Cited by: 0; Impact Factor: 0

   Cited by: 0; Impact Factor: 0

   Cited by: 0; Impact Factor: 1.627

   Cited by: 0; Impact Factor: NA

   Cited by: 0; Impact Factor: 1.616

   Cited by: 6; Impact Factor: 2.432

   Cited by: 14; Impact Factor: 0

   Cited by: 0; Impact Factor: 1.925

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Cited by: 2; Impact Factor: 0


Cited by: 0; Impact Factor: 1.318


Cited by: 0; Impact Factor: 0


Cited by: 11; Impact Factor: 1.318


Cited by: 1; Impact Factor: NA


Cited by: 0; Impact Factor: 0.753

127. Shukla SK, Sharma SB, Singh UR, Pretreatment with α-tocopherol and Terminaliaarjuna ameliorates, pro-inflammatory cytokines, cardiac and apoptotic markers in myocardial infarcted rats. Redox report, 2015;20;49-59

Cited by: ; Impact Factor: NA


Cited by: 1; Impact Factor: 1.699

Cited by:0; Impact Factor:NA


Cited by:3; Impact Factor:3.499


Cited by:3; Impact Factor:1.629


Cited by:1; Impact Factor:1.495


Cited by:0; Impact Factor:NA


Cited by:0; Impact Factor:0.14

Books

   ISBN: 8131223124, 9788131223123

Chapters in Books


Department of Biostatistics and Medical Informatics

1. Name of the Department: Biostatistics and Medical Informatics


3. Is the Department part of a School/Faculty of the university? No


5. Interdisciplinary programmes and departments involved: NA

6. Courses in collaboration with other universities, industries, foreign institutions, etc. – NIL

7. Details of programmes discontinued, if any, with reasons – NA

8. Examination System: Annual/Semester - NA

9. Participation of the department in the courses offered by other departments – Teaching of Biostatistics at UG level

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>0</td>
<td>0</td>
<td>1 (Retired in 2010)</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Others (Senior Resident)</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>Experience (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. A. Indrayan</td>
<td>PhD</td>
<td>Professor (Retired in 2010)</td>
<td>Biostatistics</td>
<td>More than 30 yrs</td>
</tr>
</tbody>
</table>
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors – NIL

13. Percentage of classes taken by temporary faculty – programme-wise information - NA

14. Programme-wise Student Teacher Ratio – NA

15. Number of academic support staff (technical) and administrative staff:

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>filled</th>
<th>actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic Support Post</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Technical Post</td>
<td>8</td>
<td>7</td>
<td>7</td>
</tr>
<tr>
<td>Others (MPW, Helper)</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies – Bio-statistical Applications in Medical Data

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

<table>
<thead>
<tr>
<th>Academic (non-vacational) Staff: Dr AK Bansal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Co-Investigator : Vitamin D supplementation for Severe Pneumonia in under Five Children: A Double blind Randomized Placebo Controlled Trial. (2012-2015). Funded by ICMR, 49 Lakhs.. Ongoing</td>
</tr>
</tbody>
</table>

18. Inter-institutional collaborative 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
   - state recognition - No
   - national recognition - No
   - international recognition - No

21. Special research laboratories sponsored by / created by industry or corporate bodies – No

22. Publications: (List of Publications enclosed as Annexure I)
   - Number of papers published in peer reviewed journals (national
Biostatistics and Medical Informatics

/ international) - 18
* Monographs - Nil
* Chapters in Books - Nil
* Edited Books - Nil
* Books with ISBN with details of publishers - NA
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, etc.) - NA
* Citation Index – range / average
* SNIP -
* SJR -
* Impact Factor – range / average
* h-index - NA

23. Details of patents and income generated – NIL
24. Areas of consultancy and income generated – Bio-statistics, free of cost
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 - NIL
   • percentage of students who have done in-house projects including inter-departmental projects - NA
   • percentage of students doing projects in collaboration with other universities/ industry / institute - NA
29. Awards / recognitions received at the national and international level by -
   • Faculty
      Academic (non-vacational) Staff:
      Dr AK Bansal
      ● Best Paper Award to “Library Circulation System” by Computer Society of India.
      ● Best Paper Award to “Model for clustering of longitudinal data sets over a period of time” by the South-East Region of the Decision Science Institute, Hilton Head, S.C., U.S.A.
• Chaired a session on “Kaplan Meir, Cox regression model and Quantile Regression” at 32nd Annual National Conference of Indian Society for Medical Statistics, Jammu University, Jammu, India, November 2014.

• Invited for a plenary talk on “Statistical Cartography in studying Dynamics of Suicide Rates in India” at 2nd International Conference on Medical Negligence and Litigation in Medical Practice and recent advances in Forensic Medicine and Toxicology, Bardez, Goa, India, February 2011.

• Treasurer – Computer Society of India
• Vice President – All India Association of ICT Professionals
• Treasurer – Indian Society for Medical statistics
• Biostatistical Reviewer for Indian Journal of Medical Research and Indian Journal of Orthopedics

• Doctoral / post doctoral fellows - NIL
• Students - NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any - NIL

31. Code of ethics for research followed by the departments – No

32. Student profile programme-wise: - NA

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Selected Female</th>
<th>Pass percentage Male</th>
<th>Pass percentage Female</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
</tbody>
</table>

33. Diversity of students - NA

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
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<tr>
<td>• Entrepreneurs</td>
<td></td>
</tr>
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36. Diversity of staff - NA

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
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<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

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

38. Present details of departmental infrastructural facilities with regard to
   a) Library – Available (very small).
   b) Internet Facilities for Staff and Students - Available
   c) Total Number of Class rooms - NA
   d) Class Rooms with ICT Facility - NA
   e) Students’ laboratories – NA
   f) Research Laboratory - 1

39. List of doctoral, post-doctoral students and Research Associates
   a) from the host institution/university – 1  Rajeev Kumar
   b) from other institutions/universities – 1  A.K. Bansal

40. Number of post graduate students getting financial assistance from the university – NA

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? NA
   b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - NA
   c. alumni and employers on the programmes offered and how does the department utilize the feedback? - NA

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 - NA

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? – NA

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 - No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied – through books, Journals and Internet.

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

   Strength: It was the first of its kind among medical colleges in Delhi and provide bio-statistical consultation of the international level.

   Weakness: Shortage of Faculty and Staff.

   Opportunities: Lot of intricate and diverse medical data for research.

   Challenges: To handle the protocol/thesis workload of more than 150 students

52. Future plans of the department – To enable the campus with Wi-Fi facility
Biostatistics and Medical Informatics

(Annexure I)

Publications

   Cited by 0; Impact factor-NA

   Cited by 0; Impact factor-NA

   Cited by 0; Impact factor-NA

4. Kailash Nath Agarwal, Dev K. Agarwal, Arti Gupta, **Ajay Kr Bansal:** Relationship of Exclusive Breast Feeding for 6 mo to Linear Growth up to 18 mo of Age, Indian Journal of Pediatrics, January 2013, Volume 80, Issue 1, pp 11-15
   Cited by 0; Impact factor-0.919

5. **Bansal A.K.:** An easier way of obtaining clusters of longitudinal time trends using confidence interval of mean on health data from 1995 to 2011” in proceedings of International Conference on Soft Computing, Artificial Intelligence, Pattern Recognition, Biomedical Engineering and Associated Technologies (SAP-BEATS 2013), MBM Engineering College, JNV University, Jodhpur, Rajasthan, February 2013.
   Cited by 0; Impact factor-NA

   Cited by 0; Impact factor-NA

   Cited by 1; Impact factor-NA

8. **Indrayan A, Bansal AK:** The methods of Survival Analysis for Clinicians, Indian Pediatrics, 47:743-748, Sep 2010.
   Cited by 0; Impact factor-1.014


11. **Kumar R** Maroof A, Chatterjee P. Types of observational studies in medical research. Astrocyte 2014: 1; 154-159. Cited by 0; Impact factor-NA


18. **Kumar R**, Indrayan A. Receiver operating characteristic (ROC) curve for medical researchers. *Indian Pediatr.* 2011;48:277-87 Cited by 88; Impact factor-1.014
Department of Community Medicine

1. Name of the Department
   Department of Community Medicine, University College of Medical Sciences, Delhi

2. Year of establishment: 1971

3. Is the Department part of a School/Faculty of the university?
   Yes, Faculty of Medical Sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
   UG, PG

5. Interdisciplinary programmes and departments involved
   Active participation in Multidisciplinary Teaching Learning module on Injury prevention and control for 6th semester MBBS students. Departments involved include Medical Education Unit, Surgery, Anaesthesia, Medicine, Psychiatry, Ophthalmology, Pediatrics, Orthopedics.

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   NA

7. Details of programmes discontinued, if any, with reasons
   Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   Semester system

9. Participation of the department in the courses offered by other departments.
   Faculty members of the department are involved as resource persons in the training workshops organized by the Medical Education Unit for the faculty and PG students of the institution.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/ others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professors</td>
<td>01</td>
<td>01</td>
<td>05</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>02</td>
<td>01</td>
<td>02</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>08</td>
<td>08</td>
<td>04</td>
</tr>
<tr>
<td>Others</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
</tbody>
</table>
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. Of Years Of Experience</th>
<th>No. Of MD/Ph.D./M.Phil. Students Guided For The Last 4 Years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sanjay Chaturvedi</td>
<td>MD</td>
<td>Professor</td>
<td>Community Medicine</td>
<td>33</td>
<td>4</td>
</tr>
<tr>
<td>Dr. S.K. Bhasin</td>
<td>-Do-</td>
<td>Professor</td>
<td>-Do-</td>
<td>28</td>
<td>4</td>
</tr>
<tr>
<td>Dr. Arun Kumar Sharma</td>
<td>MD, MBA, DNBE, DIH</td>
<td>Professor</td>
<td>-Do-</td>
<td>24</td>
<td>4</td>
</tr>
<tr>
<td>Dr. Pragti Chhabra</td>
<td>MD</td>
<td>Professor</td>
<td>-Do-</td>
<td>24</td>
<td>4</td>
</tr>
<tr>
<td>Dr. Kamal Agrawal</td>
<td>-Do-</td>
<td>Professor</td>
<td>-Do-</td>
<td>35</td>
<td>4</td>
</tr>
<tr>
<td>Dr. N.K. Saini</td>
<td>-Do-</td>
<td>Associate Professor</td>
<td>-Do-</td>
<td>22</td>
<td>4</td>
</tr>
<tr>
<td>Dr. O.P. Rajoura</td>
<td>-Do-</td>
<td>Associate Professor</td>
<td>-Do-</td>
<td>21</td>
<td>4</td>
</tr>
<tr>
<td>Dr. Rahul Sharma</td>
<td>-Do-</td>
<td>Assistant Professor</td>
<td>-Do-</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Dr. Khan Amir Maroof</td>
<td>-Do-</td>
<td>Assistant Professor Cum Medical Officer Of Urban Health Center</td>
<td>-Do-</td>
<td>8</td>
<td></td>
</tr>
<tr>
<td>Dr. Somdatta Patra</td>
<td>-Do-</td>
<td>Assistant Professor Cum Epidemiologist</td>
<td>-Do-</td>
<td>7</td>
<td></td>
</tr>
<tr>
<td>Dr. Madhu Upadhyay</td>
<td>-Do-</td>
<td>Assistant Professor Cum Medical Officer Of Rural Health Center</td>
<td>-Do-</td>
<td>9</td>
<td></td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
   Nil

13. Percentage of classes taken by temporary faculty – programme-wise inform
   Nil

14. Programme-wise Student Teacher Ratio
UG - 11 for 150 students uptake each year
PG - 07 for 09 students uptake each year

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

List of non-teaching staff:

a. Chief Medical Officer / Lady Medical Officer
   1. DR. ANITA GUPTA
   2. DR. APARNA

b. Medical Social Worker
   1. MRS. NEELAM MARKENDAY
   2. DR. K.K. DUBEY
   3. MRS. RACHNA KUMAR
   4. MRS. NEELAM

c. Sr. Technical Assistant / Lab. Asstt.
   1. MR. M.N. YADAV
   2. MR. AJIT SINGH
   3. MR. MAHIPAL S. CHAUHAN
   4. MR. L.D. KOTHARI
   5. MRS. POONAM RANI

   1. MR. PUNEET KISHOR SRIVASTAVA
   2. MR. PREM SHANKAR SHARMA

c. 2. A.N.M.
   1. MRS. GAYATRI SHARMA
   2. MRS. KELA
   3. MRS. ANU SEHRAWAT

c. 3. Health Educator
   1. MR. I.D. JOSHI
   2. MRS. NISHA GAHLAUT

d. Technicians

e. Stenographer
   1. MRS. MAMTA KOTRU

f. Record Clerk

g. Storekeeper

h. Sweepers
   1. MR. BRAHAMPAL

i. Any other category
   - Health Inspector
     1. MR. HARENDER SINGH
     2. MS. CHANDER MANI
     3. MR. AMRISH TYAGI

   - MTS
     1. MRS. LEELA DEVI

16. Research thrust areas as recognized by major funding agencies
Communicable diseases such as Tuberculosis, HIV/AIDS and Zoonoses
Non-communicable diseases such as Diabetes, Hypertension
Nutrition
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.

<table>
<thead>
<tr>
<th>S No.</th>
<th>Title of the project</th>
<th>Funding agency</th>
<th>Name of the PI</th>
<th>Sanctioned Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Maternal Near miss in a tertiary hospital: Causes, associated factors and outcome</td>
<td>Indian Council of Medical Research (ICMR)</td>
<td>Dr. Pragti Chhabra</td>
<td>Rs. 13,85,587/-</td>
</tr>
<tr>
<td>2</td>
<td>Spatial Analysis using Geographic Information System based maps to determine the impact of environmental and occupation hazards in causation of Chronic Obstructive Pulmonary Diseases</td>
<td>UGC</td>
<td>Dr. A.K. Sharma</td>
<td>Rs. 9,24,600/-</td>
</tr>
</tbody>
</table>

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration

<table>
<thead>
<tr>
<th>S No.</th>
<th>Title of the project</th>
<th>Funding agency</th>
<th>Name of the faculty</th>
<th>Involved as</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>ICMR Task Force Study on Social Capital</td>
<td>ICMR–INCLEN</td>
<td>Dr. Sanjay Chaturvedi</td>
<td>Co-Principal Investigator</td>
</tr>
</tbody>
</table>

b) International collaboration

<table>
<thead>
<tr>
<th>S No.</th>
<th>Title of the project</th>
<th>Funding agency</th>
<th>Name of the faculty</th>
<th>Involved as</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Foundational Work for a Brain to Society Surveillance System for Innovation in Behavioral, Public Health and Cross Sector Strategy to Prevent Childhood Obesity and Other Lifestyle Related Health Problems: A Canada-India Collaboration to Set a Life Course of Healthy Eating at Local, National and Global Level.</td>
<td>Canadian Institutes for Health Research-McGill University, Canada- ICMR-INCLEN</td>
<td>Dr. Sanjay Chaturvedi</td>
<td>Co-Principal Investigator &amp; Consortium Member</td>
</tr>
</tbody>
</table>
3. PERIMILK study on Bovine Tuberculosis and level of antibiotics in dairy milk in India. 

IDRC, Canada-ILRI- PHFI-IVRI 

Dr. Sanjay Chaturvedi 

Member- Eco Health Research Core Group

4. Identifying Sources, Pathways and Risk Drivers in Ecosystems of Japanese Encephalitis in an Epidemic-Prone North Indian District. 

IDRC, Canada-PHFI- SGPGI-IVRI 

Dr. Sanjay Chaturvedi 

Member- Eco Health Research Core Group

5. Achieving MDG5: INCLEN Pilot Study on Governance of Health Systems in Ethiopia 

International Development Research Centre, Canada 

Dr. Sanjay Chaturvedi 

Regional Coordinator: IPEN

6. Assessment of Integrated Management of Neonatal and Childhood Illnesses in India. 

UNICEF, USAID, Johns Hopkins University 

Dr. Sanjay Chaturvedi 

Member: Central Coordinating Team

7. UNICEF-IAP project on Vulnerability and HIV in Youth. 

UNICEF 

Dr. Sanjay Chaturvedi 

Technical Expert

8. Determinants of under nutrition in Children and Assessment of Management at Different levels of Health Care 

WHO, USAID 

Dr. Sanjay Chaturvedi 

Member: Central Coordinating Team

9. Concurrent Evaluation of the Reach, Effectiveness and Impact of Janani Shishu Swasthya Abhiyan (JSY) in Jharkhand 

MCH-STAR 

Dr. Sanjay Chaturvedi 

Member: Central Coordinating Team

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

<table>
<thead>
<tr>
<th>S No.</th>
<th>Title of the project</th>
<th>Funding agency</th>
<th>Name of the PI</th>
<th>Sanctioned Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Maternal Near miss in a tertiary hospital: Causes, associated factors and outcome</td>
<td>Indian Council of Medical Research (ICMR)</td>
<td>Dr. Pragti Chhabra</td>
<td>Rs. 13,85,587/-</td>
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<tr>
<td>2</td>
<td>Spatial Analysis using Geographic Information System based maps to determine the impact of environmental and occupation hazards in causation</td>
<td>UGC</td>
<td>Dr. A.K. Sharma</td>
<td>Rs. 9,24,600/-</td>
</tr>
</tbody>
</table>
20. Research facility / centre with
   - State recognition: NA
   - National recognition: NA
   - International recognition: NA

21. Special research laboratories sponsored by / created by industry or corporate bodies
    NA

22. Publications:
   * Number of papers published in peer reviewed journals (national / international)
     84
   * Monographs
   * Chapters in Books
     04
   * Edited Books
     02
   * Books with ISBN with details of publishers
   * 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

   List of Publications enclosed as Annexure I

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

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>Visited University of Quebec at Montreal as Member, India Eco Health Research Core Group of IDRC, Canada.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr S CHATURVEDI</td>
<td></td>
</tr>
</tbody>
</table>
Dr AK SHARMA  | Selected as Visiting scholar to University of Illinois, Urbana-Champaign, by Department of Health Research, Govt. of India.

26. Faculty serving in
   a) National committees   
   b) International committees   
   c) Editorial Boards   
   d) any other (please specify)

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>a) National committees</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR S CHATURVEDI</td>
<td>Board Member, School of Health Sciences, IGNOU, 2012-2014.</td>
</tr>
<tr>
<td></td>
<td>Member, ICMR’s Apex Committee for relocation, closure, and opening new Human Reproduction Research Centres in India, 2011-2013.</td>
</tr>
<tr>
<td></td>
<td>Member, Causal Assessment Sub-Committee of National AEFI Committee, 2013-Contd.</td>
</tr>
<tr>
<td></td>
<td>Member-Several Course Writing and Revision Committees; and Evaluation Committees for Recognition of research Centres, IGNOU, 1995-contd.</td>
</tr>
<tr>
<td></td>
<td>b) International committees</td>
</tr>
<tr>
<td></td>
<td>Member-India Expert Advisory Group on Polio, 2010 onwards.</td>
</tr>
<tr>
<td></td>
<td>Member-IDRC EcoHealth Research Core Group, 2010 onwards.</td>
</tr>
<tr>
<td></td>
<td>Member-Central Coordinating Team: INCLEN Program Evaluation Network, 1999 onwards.</td>
</tr>
<tr>
<td></td>
<td>b) Editorial Boards</td>
</tr>
<tr>
<td></td>
<td>Editor: Indian Journal of Community Medicine, 2014-Contd.</td>
</tr>
</tbody>
</table>

| DR SK BHASIN | Reviewer of Research articles submitted to Indian Journal of Medical Research. |
|             | Reviewer of Research articles submitted to Indian Journal of Community Medicine. |

| DR AK SHARMA | Editorial Boards: |
|             | 1. Indian Journal of Public Health |
|             | 2. Indian Pediatrics |
|             | 3. Indian Journal of Orthopedics |

| DR P CHHABRA | 1. Expert Group for National Certification Committee for Polio Eradication for Field Visit 2013 |
|             | 2. Project Review Group for Women’s Health of Indian Council of Indian Council of Medical Research 2013-15 |

| DR KA MAROOF | Member, Editorial Board, Research in Humanities and Medical Education |
27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).
   Nil

28. Student projects
   - percentage of students who have done in-house projects including inter-departmental projects
     NA
   - percentage of students doing projects in collaboration with other universities / industry / institute
     NA

29. Awards / recognitions received at the national and international level by
   - Faculty

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>Recognitions</th>
</tr>
</thead>
</table>
| DR S CHATURVEDI | 1. Dhanwantari Oration of Indian Association of Preventive and Social Medicine, 2014.  
|                 | 4. Member-IDRC Eco Health Research Core Group, 2010 onwards.                |
|                 | 6. Member, ICMR’s Apex Committee for Human Reproduction Research Centres (HRRCs)/Field Units of National Institute for Research in Reproductive Health (NIRRH), Mumbai, 2011 onwards. |
|                 | 8. Board Member, School of Health Sciences, IGNOU, 2012-2014.              |

• Doctoral / post doctoral fellows
• Students

<table>
<thead>
<tr>
<th>NAME OF STUDENT</th>
<th>Kusum Pandit Award for Best Thesis for the admission year of 2012 in all postgraduate streams in University College of Medical Sciences, New Delhi.</th>
</tr>
</thead>
</table>

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>Training Programme for Trainers of ICDS/Health/NGOs in Nutrition and Health Education organized by Department of Community Medicine, UCMS and GTB Hospital and Food and Nutrition Board, Ministry of Women and Child Development at from 22.03.14 to 26.03.14.</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR P CHHABRA</td>
<td>Workshop on Maternal Health Initiatives and Governance including Citizen Partnerships on 17th and 18th January 2014 organized by the Department of Community Medicine, University College of Medical Sciences and GTB Hospital, Delhi-110095</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>3rd National Conference of Consortium Against Rabies CARCON 2013 held at Conference Hall, UCMS and GTB Hospital, New Delhi on 20th April 2013.- Around 200 participants and funding from Consortium Against Rabies</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR KA MAROOF</td>
<td></td>
</tr>
</tbody>
</table>

31. Code of ethics for research followed by the departments IEC-ICMR

32. Student profile programme-wise:

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>MD Community Medicine</td>
<td>Entrance exam</td>
<td>6</td>
<td>2</td>
</tr>
<tr>
<td></td>
<td></td>
<td>100%</td>
<td>100%</td>
</tr>
</tbody>
</table>
33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within state</th>
<th>% of students from universities outside the state</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBBS</td>
<td>85%</td>
<td>Info N.A.</td>
<td>15%</td>
<td>0%</td>
</tr>
<tr>
<td>MD Community Medicine</td>
<td>50%</td>
<td>0%</td>
<td>50%</td>
<td>0%</td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details Category-wise
Information not available

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M. Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td>100%</td>
</tr>
<tr>
<td>- Campus selection</td>
<td>0%</td>
</tr>
<tr>
<td>- Other than campus recruitment</td>
<td>100%</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td></td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

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

38. Present details of departmental infrastructural facilities with regard to
a) Library
   Departmental library is available with a facility of borrowing for both the faculty and the resident doctors.

b) Internet facilities for staff and students
All faculty members and the Medical Officers have individual computer stations with internet and printer facilities. The postgraduate students have internet facility in the departmental seminar room. Undergraduate students have access to internet facility in the college library.

c) Total number of class rooms
   The department has:
   Demonstration Room – 1 - 75 seater
   Seminar Room – 1 – 40 seater
   The theory lectures are taken in Lecture Theatres that are common to all departments of the college.

d) Class rooms with ICT facility and ‘smart’ class rooms
   Not Applicable

e) Student’s laboratories
   One Undergraduate laboratory 20x20, capacity 50 students.
   One Public Health Museum 20x20 with specimens on display

f) Research laboratories
   One laboratory in the department.
   A Central Research Laboratory with shared access to all departments of the college.

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

a) From the host NA
b) From other institution/university NA
c) Number of post graduate students getting financial assistance from the university.

40. Number of post graduate students getting financial assistance from the university.
   Several of the post graduate students are getting financial assistance through the Intra Mural Research Grant (IMRG) of the institution.

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.
   Not Applicable

42. Does the department obtain feedback from
   a) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
      Yes, during faculty meetings that are periodically held.
   b) Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      No
c) alumni and employers on the programmes offered and how does the department utilize the feedback?
No

43. List the distinguished alumni of the department (maximum 10)
1. Dr. Dhananjoy Gupta
2. Dr. Atul Mittal
3. Dr. Manish Pant
4. Dr. Neelam Roy
5. Dr. Geeta Yadav
6. Dr. Geetanjali Sharma

44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Centrally conducted at the MEU, UCMS level on periodic basis.

45. List the teaching methods adopted by the faculty for different programmes.
Didactic lectures, small group teaching, community based work-ups

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
By holding regular teaching faculty meetings

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

<table>
<thead>
<tr>
<th>NAME OF FACULTY</th>
<th>Involved in the outreach activities of the</th>
</tr>
</thead>
<tbody>
<tr>
<td>DR KA MAROOF</td>
<td>a. National Board of Examinations as a resource faculty for Research Methodology and Writing a thesis.</td>
</tr>
<tr>
<td></td>
<td>b. Breastfeeding Promotion Network of India as a Trainer for Training of Trainers for Infant and Young child feeding counseling for Doctors and nurses.</td>
</tr>
</tbody>
</table>

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 research papers and community based research projects
51. Details five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

**Strengths**  
Community based teaching and training programs, team approach  
Rural Health Center

**Weaknesses**  
Lack of administrative control over field practice centres

**Opportunities**  
Telemedicine expansion

**Challenges**

52. Future plans of the department.

1. Expansion of preventive & promotive services to underserved communities around the rural health training centre (RHTC) of the department in Narela, Delhi
2. Strengthening of routine immunization services at the urban and rural health centres
3. Development of a mother & child tracking system for better RCH services
Publications from the department in the period 01.07.09 to 30.06.14

A) Papers published in peer reviewed journals (national / international)

   Cited by 1; Impact factor-1.661

   Cited by 1; Impact factor-3.719

   Cited by 0; Impact factor-1.661

   Cited by 1; Impact factor-1.661

   Cited by 4; Impact factor-1.661

   Cited by 0; Impact factor-

   Cited by 0; Impact factor-7.327

   Cited by 0; Impact factor-1.014

    Cited by 7; Impact factor-

    Cited by 3; Impact factor-1

    Cited by 0; Impact factor-

    Cited by 6; Impact factor-1.661

    Cited by 1; Impact factor-1.661

    Cited by 0; Impact factor-

    Cited by 1; Impact factor-1

    Cited by 0; Impact factor-1.014

dietary behaviors among adolescent students in south Delhi, India. Int J Diabetes DevCtries 2011, available online (DOI: 10.1007/s13410-010-0009-8).
Cited by 7; Impact factor-0.373

Cited by 17; Impact factor-5.250

Cited by 2; Impact factor-1.014

Cited by 1; Impact factor-1.737

Cited by 0; Impact factor-

Cited by 21; Impact factor-1.661

Cited by 4; Impact factor-1.099

Cited by 22; Impact factor-1.014

Cited by 3; Impact factor-1.661

Cited by 0; Impact factor-1.737

Cited by 0; Impact factor-0.919

Cited by 3; Impact factor-

Cited by 0; Impact factor-

Cited by 7; Impact factor-

Cited by 2; Impact factor-

Cited by 35; Impact factor-1.661

Cited by 36; Impact factor-1.04

35. AK Sharma, S Singh, S Meena, A T Kannan. Impact of NGO Run Mid-day Meal Program on Nutrition Status and Growth of Primary School Children. Indian J Pediatrics 2010; 77:763-770
Cited by 5; Impact factor-0.919

Cited by 1; Impact factor-

   Cited by 1; Impact factor-1.573

   Cited by 0; Impact factor-1

   Cited by 0; Impact factor-1.661

   Cited by 1; Impact factor-1.514

   Cited by 1; Impact factor-0.054

   Cited by 5; Impact factor-0

   Cited by 5; Impact factor-3.212

   Cited by ; Impact factor-

   Cited by 1; Impact factor-

47. Singh S, Chhabra P, Sujoy R. Role of traditional birth attendants (TBAs) in provision of antenatal and perinatal care at home amongst the urban poor in Delhi, India. Health Care for Women international 2012; 33: 666-676
   Cited by 3; Impact factor-0.762
   Cited by 0; Impact factor-

   Cited by 6; Impact factor-0.972

   Cited by ; Impact factor-

   Cited by ; Impact factor-

   Cited by 0; Impact factor-

53. Kumar R, Chhabra P. Cautions required during planning, analysis and reporting of multivariable logistic regression. Current Medicine Research and Practice 2014; 4:
   Cited by 0; Impact factor-

   Cited by 0; Impact factor-

   Cited by 0; Impact factor-1.661

   Cited by 0; Impact factor-
   Cited by 5; Impact factor-0.868

   Cited by 0; Impact factor-0.919

   Cited by 13; Impact factor-

   Cited by 0; Impact factor-

   Cited by 6; Impact factor-1.131

   Cited by 1; Impact factor-

   Cited by 12; Impact factor-

   Cited by 0; Impact factor-2.764

   Cited by 0; Impact factor-0
Cited by 3; Impact factor-2.453

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 6; Impact factor-

Cited by 0; Impact factor-1.661

Cited by 0; Impact factor-

Cited by 0; Impact factor-

74. Maroof KA. Burden of Rabies in India: The need for a reliable reassessment. Ind J Comm Health 2013, 25(4); 488-91 
Cited by 1; Impact factor-
Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 0; Impact factor-0.409

Cited by 6; Impact factor-

Cited by 2; Impact factor-

Cited by 1; Impact factor-

Cited by 1; Impact factor-3.383


B) Chapters in Books


C) Edited Books


DEPARTMENT OF DERMATOLOGY

1. Name of the Department  DERMATOLOGY & STD


3. Is the Department part of a college/Faculty of the university?  
COLLEGE (UNIVERSITY COLLEGE OF MEDICAL SCIENCES, affiliated to Faculty of Medical Sciences, University of Delhi)

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)  
UG (MEDICINE), PG (DERMATOLOGY & STD), PhD

5. Interdisciplinary programs and departments involved:  
   - Dermatopathology (Pathology)  
   - PG Rotational posting (Medicine)  
   - STD with Obs & Gynae  
   - Microbiology PhD program  
   - Biochemistry PhD Program

6. Courses in collaboration with other universities, industries, foreign institutions, etc.  
   - Nursing Students  
   - District Medical Officers training  
   - DSACS's STI training programmes for medical officers, specialists, counsellors, staff nurses, etc.  
   - State/District leprosy training programme  
   - Drug Advisory Committee to DCGI’s office

7. Details of programs discontinued, if any, with reasons NONE

8. Examination System:  
   As Per MBBS  Formative/ Annual/ Supplementary  
   MCI Guidelines MD  Formative /Annual/ Supplementary

9. Participation of the department in the courses offered by other departments:  
   - MBBS course of MCI is entirely co-participative;  
   - Co-investigative dept. in Ph.D  
   - Co-investigative dept. in M.D. thesis
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (as on 20.03.2015)

<table>
<thead>
<tr>
<th></th>
<th>UCMS</th>
<th></th>
<th>GTBH</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sanctioned</td>
<td>Filled</td>
<td>Sanctioned</td>
<td>Filled</td>
</tr>
<tr>
<td>Professor</td>
<td>2</td>
<td>1</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Associate</td>
<td>1</td>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>1</td>
<td>1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Others (S.R.)</td>
<td>3</td>
<td>3</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience (as on 09.03.2015)</th>
<th>No of PhD/MD student guided in the last four years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. S. N. Bhattacharya</td>
<td>MD</td>
<td>Director Professor &amp; HOD</td>
<td>Dermatology, Venereology &amp; Leprosy</td>
<td>24 years 1 month</td>
<td>2+2</td>
</tr>
<tr>
<td>Dr. Archana Singal</td>
<td>MD</td>
<td>Professor</td>
<td>Dermatology, Venereology &amp; Leprosy</td>
<td>24 years 10 months</td>
<td>1+3</td>
</tr>
<tr>
<td>Dr. Vijay Gandhi</td>
<td>MD</td>
<td>Professor</td>
<td>Dermatology, Venereology &amp; Leprosy</td>
<td>19 years</td>
<td>1</td>
</tr>
<tr>
<td>Dr. Deepika Pandhi</td>
<td>MD</td>
<td>Assoc Professor</td>
<td>Dermatology, Venereology &amp; Leprosy</td>
<td>15 yrs, 10 months</td>
<td>3</td>
</tr>
<tr>
<td>Dr. Chander Grover</td>
<td>MD</td>
<td>Asst Professor</td>
<td>Dermatology, Venereology &amp; Leprosy</td>
<td>12 years 10 months 9 days</td>
<td>0</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: NONE

13. Percentage of classes taken by temporary faculty – program-wise information NIL

14. Program-wise Student Teacher Ratio: Undergraduate – 30:1
    Post graduate – 1.9:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual.
Academic and technical support staff is posted from the College pool as per requirement of the Departments. The College details are as below:

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Senior Residents</td>
<td>5</td>
<td>5</td>
</tr>
<tr>
<td>Technical Staff</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>Administrative</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Support Staff Group D</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies
- Psoriasis - UGC
- Autoimmune disorders - DST
- Pemphigus - DST, UGC
- Anogenital warts - ICMR
- Cutaneous Fungal Infections - ICMR, DBT

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.

- 2 faculty (one as PI one as Co-PI)

<table>
<thead>
<tr>
<th>Name of the faculty</th>
<th>National/International</th>
<th>Funding agency</th>
<th>Project title</th>
<th>Grant received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Archana Singal</td>
<td>National</td>
<td>UGC</td>
<td>Cardiovascular risk assessment in patients of Psoriasis</td>
<td>Rs. 13,96,000/-</td>
</tr>
<tr>
<td>SN Bhattacharya: Co-PI;</td>
<td>National</td>
<td>DST</td>
<td>TH17 and TReg Cell differentiation in peripheral blood of pemphigus vulgaris and their in vitro functional responses</td>
<td>Rs. 45,07,500/-</td>
</tr>
<tr>
<td>Dr. Shukla Das (PI - Microbiology)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>SN Bhattacharya: Co-PI;</td>
<td>National</td>
<td>DST</td>
<td>Study of role of type 1 TRegs in skin in pts. with pemphigus vulgaris</td>
<td>Rs. 14,20,000/-</td>
</tr>
<tr>
<td>Dr. Sonal Sharma (PI - Pathology)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

18. Inter-institutional collaborative projects and associated grants received
- National collaboration
  a) As detailed in point 17 above.
- International collaboration

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT,
ICSSR, AICTE, etc.; total grants received. As detailed in point 17 above.

20. Research facility / centre with
   State recognition    State referral/training Centre for STI
   National recognition State referral/training Centre for Leprosy
   East & North East Districts, Delhi State
   International recognition Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies NONE

22. Publications: (Publications and Book details enclosed as Annexure I)
   * Number of papers published in peer reviewed journals (national / international): 129 all indexed in MEDLINE (PUBMeD), NLM, U.S.A.
   * Monographs: 3
   * Chapters in Books: 43
   * Books edited: 4

1. Books with ISBN with details of publishers
   * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) 129 (as above)

23. Details of patents and income generated
   NONE

24. Areas of consultancy and income generated
   NONE

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

   Faculty selected periodically for MCI inspections:
   - Dr. S.N.Bhattacharya
   - Dr. Archana Singal
26. Faculty serving in
   a) National committees b) International committees c) Editorial Boards d) any other (specify)

<table>
<thead>
<tr>
<th>NAME</th>
<th>ASSIGNMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>SN Bhattacharya</td>
<td>• National Committee &amp; NACO to review operational aspects of STI/RTI control project</td>
</tr>
<tr>
<td></td>
<td>• Member National Drug &amp; Allergy Committee of CDSO (Drug Controller General of India)</td>
</tr>
<tr>
<td></td>
<td>• National Expert, SND committee member of CDSO (DCGI)</td>
</tr>
<tr>
<td></td>
<td>• Founder Member of Dermatopathology Society of India</td>
</tr>
<tr>
<td></td>
<td>• Founder Member of Nail Society of India</td>
</tr>
<tr>
<td></td>
<td>• Editorial Board Member of Indian Journal of Dermatology</td>
</tr>
<tr>
<td></td>
<td>• Member of team for Mid-Term Evaluation of NLEP (MTE-NLEP) of MoHFW, ILEP, WHO, between 10-21&lt;sup&gt;st&lt;/sup&gt; Nov, 2014.</td>
</tr>
<tr>
<td>Archana Singal</td>
<td>• Founder President 'Nail Society Of India (NSI)</td>
</tr>
<tr>
<td></td>
<td>• Organizing President for 3&lt;sup&gt;rd&lt;/sup&gt; International Summit of Nail Diseases (ISND) and 4&lt;sup&gt;th&lt;/sup&gt; ONYCHOCON-2015, National Conference of Nail Society of India, 20-22&lt;sup&gt;nd&lt;/sup&gt; November, 2015 at Delhi, India</td>
</tr>
<tr>
<td></td>
<td>• Coordinator, Special Interest group (SIG) of IADVL (Indian association of Dermatology, Venereology and Leprology) on Genodermatoses</td>
</tr>
<tr>
<td></td>
<td>• Chairperson Scientific committee, 1&lt;sup&gt;st&lt;/sup&gt; DAAS (Dermatology And Allied Specialty Summit’ held during 25&lt;sup&gt;th&lt;/sup&gt;-26&lt;sup&gt;th&lt;/sup&gt; July, 2014 in Delhi and 2&lt;sup&gt;nd&lt;/sup&gt; DAAS to be held on 2-4&lt;sup&gt;th&lt;/sup&gt; July, 2015.</td>
</tr>
<tr>
<td></td>
<td>• Organizing President for ONYCHOCON-2013, the 2&lt;sup&gt;nd&lt;/sup&gt; National Conference of Nail Society of India, 9-10&lt;sup&gt;th&lt;/sup&gt; November, 2013 at Delhi, India along with a Pre-Conference Surgical Workshop on Nail Procedures, 8&lt;sup&gt;th&lt;/sup&gt; November, 2013 at UCMS and GTB Hospital</td>
</tr>
<tr>
<td></td>
<td>• President Indian Association of Dermatology, Venereology and Leprosy (IADVL), Delhi State Branch 2009</td>
</tr>
<tr>
<td></td>
<td>• Editorial advisory board member of Indian Dermatology Online Journal (IDOJ) and Indian Journal of Dermatology (IJD)</td>
</tr>
<tr>
<td></td>
<td>• Editorial Board Member Indian Journal of Dermatology, Venereology and Leprosy (IJDVL) from 2010-2013</td>
</tr>
<tr>
<td></td>
<td>• Member, Expert group ICMR to study rising Leprosy Disability and Resistance in Leprosy</td>
</tr>
<tr>
<td><strong>Dermatology</strong></td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td><strong>Deepika Pandhi</strong></td>
<td></td>
</tr>
<tr>
<td>- Chairperson National IADVL Ethics Committee 2012</td>
<td></td>
</tr>
<tr>
<td>- Member central IADVL Scientific Committee 2005, 2011</td>
<td></td>
</tr>
<tr>
<td>- Member IADVL Academy 2010-11</td>
<td></td>
</tr>
<tr>
<td>- Clinical &amp; Research Fellow, Sexually Transmitted Infections and Research Center, University of Sydney, Australia, 2001-2002</td>
<td></td>
</tr>
<tr>
<td>- Founder Member, NSI</td>
<td></td>
</tr>
<tr>
<td>- Editorial Board Member, IJDVL</td>
<td></td>
</tr>
<tr>
<td>- Member, SIG Genodermatoses</td>
<td></td>
</tr>
<tr>
<td>- Member scientific committee of the 2nd Onychocon National conference in November 2013.</td>
<td></td>
</tr>
<tr>
<td>- Awarded Fellowship by the European Academy of Dermatology and Venereology to attend and present my papers at the 20th Congress of the European Academy of Dermatology and Venereology held at Lisbon, Portugal from 20th to 24th October, 2011.</td>
<td></td>
</tr>
<tr>
<td>- Awarded Fellowship by the European Academy of Dermatology and Venereology to attend and present my papers at the 19th Congress of the European Academy of Dermatology and Venereology held at Gothenburg, Sweden</td>
<td></td>
</tr>
<tr>
<td>- Member Executive Committee of Indian Association of Dermatologists, venereologists and leprologists (Delhi State branch)</td>
<td></td>
</tr>
<tr>
<td>- Member-Scientific Committee for formulation of OSCE for National Board of Examination India</td>
<td></td>
</tr>
<tr>
<td>- Member – Scientific Committee for formulation of short structured questions for the National Board of Examination India.</td>
<td></td>
</tr>
<tr>
<td>- Member - Scientific Core Organizing Committee of the 33rd National Conference of IADVL and 4th South Asian Regional Conference held at New Delhi in Feb. 2005.</td>
<td></td>
</tr>
<tr>
<td>- Awarded the best paper award at mid year symposium of Indian Association of Dermatologists, Venereologists and Leprologists (Delhi Branch) held in July 2000.</td>
<td></td>
</tr>
<tr>
<td>- Awarded 2nd position in Quiz conducted in mid year symposium of Indian Association of Dermatology, Venereology and Leprology (Delhi Branch) held in July 1998.</td>
<td></td>
</tr>
<tr>
<td><strong>Chander Grover</strong></td>
<td></td>
</tr>
<tr>
<td>- Founder Secretary, Nail Society of India (NSI)</td>
<td></td>
</tr>
<tr>
<td>- Assistant Editor, Indian Journal of Dermatology, Venereology and Leprology; a peer reviewed journal of IADVL with an impact factor of 1.325</td>
<td></td>
</tr>
<tr>
<td>- Executive Editor, Tropical Clinics of Dermatology- a peer</td>
<td></td>
</tr>
</tbody>
</table>
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

<table>
<thead>
<tr>
<th>Event</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Course Workshop in Medical Education Technology</td>
<td>14 &amp; 15 October, 2013</td>
</tr>
<tr>
<td>Second Faculty Development Workshop</td>
<td>from 15th to 19th March 2011</td>
</tr>
<tr>
<td>First Faculty Development Workshop</td>
<td>from 1st to 6th February 2010</td>
</tr>
<tr>
<td>Workshop on &quot;Biostatistics for thesis Supervisors&quot;</td>
<td>2012</td>
</tr>
<tr>
<td>&quot;Using PubMed, Cochrane Library, and Mendeley to Search, Save, Store and Cite References&quot;</td>
<td>4 November 2012</td>
</tr>
<tr>
<td>Faculty Development Workshop &quot;How to Supervise a Thesis&quot;</td>
<td>29-30 September, 2012</td>
</tr>
<tr>
<td>Faculty Development Workshop &quot;How to Obtain Funding for Research&quot;</td>
<td>22-23 November, 2011</td>
</tr>
<tr>
<td>Advanced Course on Biostatistics</td>
<td>February, 2014</td>
</tr>
</tbody>
</table>

28. Student projects

- percentage of students who have taken up in-house projects including inter-departmental projects.
  100% OF PG students require doing a research project and writing a thesis as a mandatory requirement.
- percentage of students doing projects in collaboration with other universities / industry / institute
  Nil

29. Awards / recognitions received at the national and international level by

- Faculty

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bhattacharya</td>
<td>• Awarded “Dr. VN Sehgal Gold Medal&quot; for Excellence in Dermatology, 1991</td>
</tr>
<tr>
<td></td>
<td>• State Appreciation Award for Services rendered in the field of HIV/AIDS.</td>
</tr>
<tr>
<td></td>
<td>• Hospital Appreciation Award for Services rendered-2012</td>
</tr>
<tr>
<td>Name</td>
<td>Achievements</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>-------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Archana Singal              | • Awarded IADVL Systopic ORATION in 2013 on Lichen Scrofulosorum- Is It Truly Rare? Reality Unleashed!  
• Recipient Sardari Lal Memorial Award (2010) for academic excellence by IADVL Delhi State Branch  
• Honored with prestigious membership of National Academy of Medical Sciences in 2007.  
• Awarded International Congress of Dermatology (ICD) travel grant to present during ICD, Beijing (China) in May, 2004 |
| Deepika Pandhi              | • Honored with prestigious membership of National Academy of Medical Sciences in 2014.  
• Awarded “Dr. VN Sehgal Gold Medal” for Excellence in Dermatology, 1999. |
| Chander Grover              | • Awarded the American Academy of Dermatology Scholarship to attend the Annual AAD Conference in San Francisco, March 2006.  
• Dermafest-2004 – 32nd National Conference of IADVL (Mumbai): won the Best Poster Award for poster entitled “Leprosy with Guillain Barre Syndrome- a new neurologic manifestation”  
• Honored with prestigious membership of National Academy of Medical Sciences in 2003.  
• Won 2nd prize in “Young Dermatologist Award Session” at the annual conference of Delhi state branch of IADVL-2003 for the paper entitled “A histopathologic study of nail psoriasis”.  
• Won 1st prize in “Young Dermatologist Award Session” at the annual conference of Delhi state branch of IADVL-2002 for the paper entitled “ Twenty nail dystrophy – a clinician’s dilemma”.  
• Awarded “Dr. VN Sehgal Gold Medal” for Excellence in Dermatology, 2002.  
• International Fellow, American Academy of Dermatology |

- Doctoral / post doctoral fellows
- Students

Best thesis Award – IADVL, (National Award)
- Dr. Lipy Gupta – 2007
- Dr. Neha Kumar – 2010
- Dr. Kavita Bisherwal - 2013
Young Dermatologist Award IADVL, Delhi State, by PG students—
- Dr. Lipy Gupta – 2007
- Dr. Sidharth Sonthalia – 2008
- Dr. Neha Kumar – 2010
- Dr. Amit Dhawan-2010
- Dr. Rahul Arora – 2012
- Dr. Kavita Bisherwal - 2013

ICD Fellowships
Dr. Sidharth Sonthalia

EADV scholarship
Dr. Sidharth Sonthalia
Dr. Rahul Arora

AAD (American Academy of Dermatology) Fellowship
- Dr. Ananta Khurana
- Dr. Namrata Chhabra

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<table>
<thead>
<tr>
<th>Name</th>
<th>Source of funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>Organized two day long Training of Trainers on “Prevention of Disability (POD) in Leprosy’ in Feb, 2009</td>
<td>State Leprosy Officer (DGHS)</td>
</tr>
<tr>
<td>First Exclusive CME on Nail Disorders, organized by Nail Society of India at MAMC Auditorium on 6th May, 2012</td>
<td>Registration</td>
</tr>
<tr>
<td>Pre-Conference Surgical Workshop on Nail Procedures, 8th November, 2013 at UCMS and GTB Hospital organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India</td>
<td>Registrations</td>
</tr>
<tr>
<td>ONYCHOCON-2013, the 2nd National Conference of Nail Society of India, organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India 9-10th November, 2013 at Delhi, India</td>
<td>Registrations</td>
</tr>
<tr>
<td>To be held- 3rd International Summit on Nail Diseases and 4th ONYCHOCON-2015, being organized by Department of Dermatology and STD, UCMS and GTB Hospital under the aegis of Nail Society of India on 20-22nd November, 2015 at Delhi, India.</td>
<td>Registrations</td>
</tr>
</tbody>
</table>

31. Code of ethics for research followed by the departments
- The PG students are required to submit their thesis / Research protocol in every case to Institutional Ethics Committee (ICMR approved) and approval/clearance is required for all PG Medical students for proceeding with their thesis Research protocol.
There is a specific ordinance (Ordinance VI), which comprehensively deals with the rules, policies and guidelines on research activities being undertaken by the university, which are being followed by the Institution and department.

Clinical research projects need to be approved by the Hospital Ethics Committee.

32. Student profile program-wise:
The department conducts the programme for MD in Dermatology. Admission process for this programme is conducted by the Delhi University as per their laid rules and regulations. No detailed information regarding applicant details as these are available with the department.

33. Diversity of students
Admission process for the MD programme run by the department is conducted by the Delhi University as per their laid rules and regulations. No such information regarding applicant details as these are available with individual departments.

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. NOT APPLICABLE

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>Data with Institution/University</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>No such programme</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>None</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>No such programme at present</td>
</tr>
<tr>
<td>Employed</td>
<td>Data not maintained</td>
</tr>
<tr>
<td>• Campus selection</td>
<td>NA</td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>No data with Dept</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

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

NIL
Dermatology

38. Present details of departmental infrastructural facilities with regard to
   a) Library Available, Inspected/approved by MCI
   b) Internet facilities for staff and students: Available
   c) Total number of class rooms
      One Seminar room (within Department), five large institutional lecture theaters, Demonstration rooms in OPD.
   d) Class rooms with ICT facility and 'smart' class rooms: No
   e) Students' laboratories: No
   f) Research laboratories: Available (Institutional / Interdepartmental)

39. List of doctoral, post-doctoral students and Research Associates:
   None
   a) from the host institution/university
   b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. Information pertains to Academic Section (UCMS). No such information available in Department of Dermatology.

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.
   No new programmes have been initiated, thus not applicable.

42. Does the department obtain feedback from
   a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
      Yes, restructuring of curriculum and teaching methodology
   b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      Yes, restructuring of curriculum and teaching methodology
   c. alumni and employers on the programs offered and how does the department utilize the feedback?
      No

43. List the distinguished alumni of the department (maximum 10)
   None

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.
   • Foreign Faculty lectures, Thesis workshops, CPC, Conferences, MEU activities, Mentorship programs
   • Prof Celia Moss, Consultant Dermatologist at Birmingham Children's Hospital and Honorary Professor at the University of Birmingham delivered a lecture on 'Mosaicism and Genodermatoses' on 5th Dec, 2015.
• CPC – Video Conferencing - PGI Chandigarh and SGPGI, Lucknow – weekly

• Institutional / Inter departmental:
  - Inter-departmental : Case Presentation
  - Inter-departmental – Histopathology Review
  - Microbiology bench work orientation
  - State IADVL clinical meetings held
  - Participation in State / National and International Workshops/Conferences
  - Organizational involvement in conduct of conference at state and national levels

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
CPC, Bed Side Teaching, Didactic lectures, Seminars, Workshops, Problem oriented teaching, Journal Clubs, Post Graduate reviews, Difficult case presentations.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
• Periodic formal and informal evaluation
• Case presentation/discussion
• Teaching Grand Rounds
• Seminars, Journal Clubs
• Formative assessment as per schedule
• Half yearly theory and periodic practical Exams.

47. Highlight the participation of students and faculty in extension activities:
• Camps
• Workshops
• Nursing training
• Undergraduate training
• Participation in Media (both audio and visual) for general population
• Lectures in various public platforms
• Specialty specific awareness programs
• Workshops and trainings in other institutions
48. Give details of “beyond syllabus scholarly activities” of the department:
   - Research / Publication participation and guidance
   - Guest Lecture
   - Chairing academic activities/ coordinating panel discussion
   - Invited faculty at workshops
   - Accredited trainers/Evaluation for different forum/organizations
   - Organizing Conferences
   - Organizing workshops

49. State whether the program/department is accredited/graded by other agencies?
   If yes, give details.
   Yes, Delhi University through external evaluators, and most importantly, periodically by MCI.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
    Through research papers, projects, PhD work as evident by publications (Annexure 1)

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

   **Strength**
   - Harmonious work environment
   - Faculty synergy
   - Distributed widespread areas of Interest
   - Healthy student teacher relationships
   - Heavy Patient load and great variety

   **Weakness**
   - Infrastructure – space available to the department, location in NCR
   - Budgetary/procurements - Lack of, or, slow procedural procurements of latest equipments (LASERS and others)
   - Manpower / human resources- acute shortage
   - Limited perception of Dermatological Sciences, by other Medical Specialties
   - Lack of dedicated in-department academic time for faculty; academic block; online access to wide range of academic material.
   - Lack of promotional avenues for university teachers

   **Opportunities**
   - Patient load and variety
   - Interdisciplinary interaction availability
   - Available talent and student resources

   **Challenges**
   - Endeavoring to provide highest level of medical education in the specialty, as well as patient care, within our limited resources of
infrastructure and procedural limitations

- Constraint due to patient service load
- Burden of administrative work apart from clinical, research and teaching responsibilities
- Budget allocation
- Bureaucratic decision making processes

52. Future plans of the department.
- Upgrading equipment and facilities
- Thrust on quality research
- Increase intake of postgraduate students
- Increase space and infrastructure availability commensurate with increased patient load and public expectation
- Increase efficiency of utilizing facilities
- Super-specialty clinics in the field of genodermatoses, nail disorders.

53. Further requisite important information of the Department

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of units available</td>
<td>1 (one)</td>
</tr>
<tr>
<td>Total number of available teaching beds with distribution</td>
<td>30 (16M, 8F,6Ch)</td>
</tr>
<tr>
<td>Teaching complement in each unit</td>
<td></td>
</tr>
<tr>
<td>Departmental Library – Number of Books/Journals (national, international)</td>
<td>Annexure</td>
</tr>
<tr>
<td>Available Clinical Material</td>
<td></td>
</tr>
<tr>
<td>Average daily OPD</td>
<td>485 pts (Mean)</td>
</tr>
<tr>
<td>Average daily IPD</td>
<td>20 approx</td>
</tr>
<tr>
<td>Average daily bed occupancy rate</td>
<td>Approx 70%</td>
</tr>
<tr>
<td>Specialty clinics and services being provided by the department</td>
<td>Annexure</td>
</tr>
<tr>
<td>List of important equipment available and their functional status</td>
<td>Annexure</td>
</tr>
<tr>
<td>OPD Space:</td>
<td></td>
</tr>
<tr>
<td>No. of rooms</td>
<td>5+Lab+OT+Photo-Therapy</td>
</tr>
<tr>
<td>Waiting area for patients</td>
<td>Yes</td>
</tr>
<tr>
<td>Teaching Space</td>
<td>Yes</td>
</tr>
<tr>
<td>Equipment</td>
<td>RF, Cryo, Phototherapy</td>
</tr>
<tr>
<td>Operation Theatres</td>
<td></td>
</tr>
<tr>
<td>AC/Non AC</td>
<td>A/C</td>
</tr>
<tr>
<td>Equipment</td>
<td>RF, Cryo Surg,</td>
</tr>
<tr>
<td>Pre-Anaesthetic Clinic</td>
<td>Nil</td>
</tr>
<tr>
<td>Post-anaesthetic care area</td>
<td>Nil</td>
</tr>
<tr>
<td>Resuscitation arrangement</td>
<td>Adequate/ non-adequate</td>
</tr>
<tr>
<td>ICU</td>
<td>NIL</td>
</tr>
<tr>
<td>Total No. of cases operated</td>
<td>2014 2013 2012</td>
</tr>
<tr>
<td>Major</td>
<td>NA NA NA</td>
</tr>
</tbody>
</table>
### Dermatology

<table>
<thead>
<tr>
<th>Minor</th>
<th>9652</th>
<th>8882</th>
<th>6674</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of days operations carried out</td>
<td>All working days</td>
<td></td>
<td></td>
</tr>
<tr>
<td>List of publications from the department for last three years.</td>
<td>Annexure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Average Daily Investigative Workload</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PAC Fitness</td>
<td>Pl. See Annexure for Hospital data</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Radiology workload</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bio-Chemistry workload (24 hrs emergency lab)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pathology workload including histopathology &amp; FNAC</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Microbiology workload</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Ongoing training programme for PG students</td>
<td>Annexure</td>
<td></td>
<td></td>
</tr>
<tr>
<td>PG students logbook</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Teaching facilities:</td>
<td>Number</td>
<td>Size</td>
<td>Seating capacity</td>
</tr>
<tr>
<td>Seminar Rooms</td>
<td>1</td>
<td>24’x24’</td>
<td>30-35</td>
</tr>
<tr>
<td>Demonstration Rooms</td>
<td>3</td>
<td>10’x20’</td>
<td>standing</td>
</tr>
<tr>
<td>Audiovisual Aids:</td>
<td>Adequate / Inadequate</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working Ward Side lab</td>
<td>Space: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Facilities: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Technicians: Yes</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blood Bank facilities</td>
<td>24 hours open: Yes/No</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Blood components: Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Incinerator</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Laundry</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central Supply of Oxygen/Suction</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Central sterilization department</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hostels for UG &amp; PG students</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Accommodation for Staff</td>
<td>Available/Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office Accommodation:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Departmental Office: Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Space: Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Staff (Steno /Clerk). Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Computer/ Typewriter: Yes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Office Space for Teaching Faculty: Yes for all</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HOD</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Professor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Assoc. Prof./ Reader</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Lecturer/ Asstt. Professor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Resident duty room</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clinic Pathological conference: Yes. Also weekly Dermatopathology Review</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Death Review Meetings: Yes (Departmental)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Submission of data to national authorities if any – Yes (STI, Leprosy)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

222
Central Library: Please see Annexure
a. Total No. of Books.
b. Books pertaining to Dermatology
c. Purchase of latest editions in last 3 years.

<table>
<thead>
<tr>
<th>Dermatology Books</th>
<th>Other Books</th>
</tr>
</thead>
</table>

d. Journals:

<table>
<thead>
<tr>
<th>Total</th>
<th>Indian</th>
<th>Foreign</th>
</tr>
</thead>
</table>

e. Internet /Medlar/ Photocopy facilities available/ not available.
f. Library opening timings: - Annexure
g. Reading facility out of routine library hours – Annexure

- Ethical Committee (Constitution) - Annexure
- Medical Education Unit (Constitution). - Annexure
- Emergency/Casualty Department - Annexure
  - No. of beds
  - Equipment
  - Available staff (Medical/Paramedical)
  - No. of cases (Average daily attendance of patients).
  - Investigative facilities available (round the clock). - Annexure
  - Facilities available
- Generator Facility: Available / Not available.
  - Capacity:
- Medical Record Section: Computerized / Not computerized.

- Recreational facilities:
  - Play grounds. Available
  - Gymnasium Available
  - Auditorium Not Available

- Any other information.

List of Non-teaching Staff in the department: -

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Designation</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Mrs Harpreet Kaur</td>
<td>Stenographer/Asst.</td>
</tr>
<tr>
<td>2</td>
<td>Mr. Naveen Lal</td>
<td>Technician</td>
</tr>
<tr>
<td>3</td>
<td>Mrs. Tara Kaushik</td>
<td>Technician</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Mukesh Kumar</td>
<td>Peon</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Md. Sayim Wani</td>
<td>Resident Doctor (Non-P.G.)</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Ravi Venkata Swaroop</td>
<td>Resident Doctor (Non-P.G.)</td>
</tr>
</tbody>
</table>
1. Publications: (Publications and Book details enclosed as Annexure I) (2009 onwards)

   Cited by 0; Impact factor: 2.046

   Cited by 0; Impact factor: 1.227

   Cited by 1; Impact factor: 2.063

   Cited by 5; Impact factor: 8.167

   Cited by 1; Impact factor: 2.43

   Cited by 4; Impact factor: 1.127

   Cited by 1; Impact factor: 2.43

Cited by 1; Impact factor-2.43

Cited by 4; Impact factor-2.43

Cited by 7; Impact factor-2.43

Cited by 1; Impact factor-2.43

Cited by 1; Impact factor-2.43

Cited by 2; Impact factor-1.131

Cited by 1; Impact factor-1.52

Cited by 5; Impact factor-2.43

Cited by 3; Impact factor-2.43

Cited by 1; Impact factor-2.43

Cited by 4; Impact factor-1.907

Cited by 5; Impact factor-2.43

Cited by 9; Impact factor-4.522

Cited by 3; Impact factor-2.43

Cited by 17; Impact factor-2.417

Cited by 7; Impact factor-1.131

Cited by 18; Impact factor-1.131

Cited by 5; Impact factor-1.131

Cited by 13; Impact factor-3.105

Cited by 1; Impact factor-0.927
Cited by 8; Impact factor-0.642

Cited by 13; Impact factor-

Cited by 24; Impact factor-2.266

Cited by 0; Impact factor-1.227

Cited by 0; Impact factor-

Cited by 1; Impact factor-

Cited by 0; Impact factor-

Cited by 2; Impact factor-0.333

Cited by 1; Impact factor-

Cited by ; Impact factor-

Cited by 10; Impact factor-

Cited by 4; Impact factor-

Cited by 1; Impact factor-1.52

Cited by 0; Impact factor-

Cited by 2; Impact factor-

Cited by 2; Impact factor-

Cited by 0; Impact factor-0.982

Cited by 1; Impact factor-

Cited by 4; Impact factor-

Cited by 13; Impact factor-

Cited by 0; Impact factor-

Cited by 1; Impact factor-1.478

Cited by 1; Impact factor-


57. Verma P, Singal A. Role of Mantoux test in cutaneous tuberculosis. Accepted for publication in Int J Dermatol. Cited by 0; Impact factor-


61. Singal A, Khanna D. “Onychomycosis: Diagnosis and management”. Indian J Dermatol Venereol Leprol. 2011 Nov-Dec;77(6):659-72. Cited by 51; Impact factor-

   Cited by 3; Impact factor-

   Cited by 23; Impact factor-

   Cited by 1; Impact factor-

   Cited by 1; Impact factor-

   Cited by 0; Impact factor-1.52

   Cited by 23; Impact factor-1.549

   Cited by 22; Impact factor-

   Cited by 2; Impact factor-1.227

   Cited by 0; Impact factor-

   Cited by 0; Impact factor-

   Cited by 0; Impact factor-


76. Patnaik N, Agarwal S, Sharma S, Sharma S, Pandhi D. Evaluation of Key Histologic Variables in Skin Biopsies of Patients of Borderline Leprosy with Lepra Type 1 Reaction. Ind J Dermatol Venereol Leprol. 2014; 80: 402-8. Cited by 1; Impact factor-


82. Chhabra N, Pandhi D, Verma P, Singal A. Inflammatory nevus comedonicus with epidermoid cyst. Ind J Dermatol 2014; 59: 422. Cited by 0; Impact factor-


Cited by 3; Impact factor- 

Cited by 1; Impact factor-

Cited by 11; Impact factor-1.52

Cited by 0; Impact factor- 0.857

Cited by 4; Impact factor-

Cited by 0; Impact factor- 0.714

Cited by 1; Impact factor-1.037

Cited by 6; Impact factor-

Cited by 10; Impact factor-1.549

Cited by 1; Impact factor-1.037

Cited by 1; Impact factor-0.857
Cited by 1; Impact factor 1.52

Cited by 1; Impact factor-

Cited by 17; Impact factor-

Cited by ; Impact factor 1.086

Cited by 4; Impact factor 1.198

Cited by 4; Impact factor 0.976

Cited by 2; Impact factor 1.227

Cited by 6; Impact factor 2.264

Cited by 19 ; Impact factor-

Cited by 6 ; Impact factor 1.52

Cited by 22; Impact factor-
   Cited by 5; Impact factor-

   Cited by 0 ; Impact factor-0.908

   Cited by 4; Impact factor-

   Cited by 22 ; Impact factor-1.805

   Cited by 1; Impact factor-

   Cited by 5 ; Impact factor-

   Cited by 1 ; Impact factor-

   Cited by 4; Impact factor-

   Cited by 2 ; Impact factor-11.444

   Cited by 2 ; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-1.227


Cited by 2; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-2.609

Monographs
1. Pandhi RK, Sood A, Pandhi D. Booklet on Sexually transmitted diseases and HIV.
3. Reddy BSN, Grover C. Hair loss: Why it occurs and what to do

Book Editors and Section Editors
4. Chief Co-Ordinator (Dermatology) for Standard Treatment Guidelines published by Delhi Society for Promotion of Rational Use of Drugs, 2014

Chapter in Books


15. Singal A, Sonthalia S. ‘Urticaria and Angioedema’ in ‘IADVL’s Concise Textbook of Dermatology’ 1st Edn 2012. Eds Viswanath V. Published by Wiley India Pvt. Ltd. Ansari Road, Daryaganj, New Delhi


41. Skin Conditions. In Standard Treatment Guidelines. 2nd Edn. 2005 Pg. 253-290. Eds. Sharma S, Sethi GR, Gulati RK. Published by Delhi Society

43. Skin Changes in Systemic Diseases. in CD Entitled Common Skin diseases in year 2001 Eds Reddy BSN, Kochhar AM, Khandpur S. Published by Chinnmaya Nanda Trust.
1. Name of the Department: Forensic Medicine

2. Year of establishment: 1971

3. Is the Department part of a School/Faculty of the university? Part of the college/Faculty of Medical sciences

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.) - MBBS and MD

5. Interdisciplinary programmes and departments involved
   Nil

6. Courses in collaboration with other universities, Industries, foreign institutions, etc.
   Nil

7. Details of programmes discontinued, if any, with reasons
   Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Professional system / Medical Council of India pattern

9. Participation of the department in the courses offered by other departments

   As and When required, department participates in academic and Research activities of other departments

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/ Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS&amp;MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Associate Professors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Asst. Professors</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sr. Resident / Demonstrator</td>
<td></td>
<td>Annexure-I</td>
<td></td>
</tr>
</tbody>
</table>

11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
   N/A

13. Percentage of classes taken by temporary faculty–programme-wise information
   Nil

14. Programme-wise

   Student Teacher Ratio

   MBBS – 16:1
   MD    - 1: 1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

   Academic support staff (technical)
   Sanctioned    --
   Filled        --
   Actual        10

   Administrative staff: sanctioned, filled and actual
   Sanctioned    --
   Filled        --
   Actual        1

16. Research thrusters as recognized by major funding agencies- Nil

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. Nil

18. Inter-institutional collaborative projects and associated grants received Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT; ICSSR, AICTE, etc.; total grants received. Nil

20. Research facility/centre with

   - State recognition
Forensic Medicine

- National recognition
- International recognition

Post-mortem centre recognised by Delhi state.

Apart from departmental research facility, a central research laboratory

21. Special research laboratories sponsored by/created by industry or corporate bodies N/A

22. Publications: Annexure attached

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

Faculty frequently visit other institute to give guest lectures, attend various workshops, training programs and refresher/orientation programs.

26. Faculty serving in

- National committees
- International committees Annexure-III
- Editorial Boards
- Any other

27. Faculty recharging strategies(UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs). They frequently visit other institutes to attend these programmes.

28. Student projects Nil

29. Awards/recognitions received the national and international level by

- Faculty
  1. Aggarwal NK Distinguished Service award was given by IMAEDB, as doctor’s Day Award -09 on 05.07.09
  2. Verma SK Excellence Award was given by 10th IMPALMS on 25th November, 2010
30. Seminars/Conferences/Workshops organized and the source of funding (national /International) with details of outstanding participants, if any.- Nil

31. Code of ethics for research followed by the departments
   As the guidelines of ethical committee of the institute

32. Student profile programme-wise: As per Delhi University guidelines

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no.4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
</tbody>
</table>

33. Diversity of students–As per Delhi University guidelines

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no.4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

35. Student progression   N/A

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
</tbody>
</table>
Employed
• Campus selection
• Other than campus recruitment
Entrepreneurs

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same university</td>
<td>84%</td>
</tr>
<tr>
<td>From other universities within the State</td>
<td>nil</td>
</tr>
<tr>
<td>From universities from other States</td>
<td>16%</td>
</tr>
<tr>
<td>From universities outside the country</td>
<td>nil</td>
</tr>
</tbody>
</table>

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

38. Present details of departmental infrastructural facilities with regard to
a) Library - Departmental library having about 100 books
   b) Internet facilities for staff and students  
      Available
   c) Total number of classrooms- 
      Central facility
   d) Classrooms with ICT facility- Central facility
   e) Students' laboratories- Central facility
   f) Research laboratories- Central facility

39. List Of doctoral, post-doctoral students and Research Associates N/A

40. Number of postgraduate students getting financial assistance from the university.
   - All

41. Was any need assessment exercise undertaken before the development to new programme(s)? If so, highlight the methodology. Nil

42. Does the department to obtain feedback from:
Forensic Medicine

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? 
   Time to time meeting of faculty and non teaching staff members and their opinion are taken accordingly.

43. List the distinguished alumni of the department (maximum10)- Our alumni are working at various academic positions in Medical colleges.

44. Give details of student enrichment programmes (special lectures /workshops / seminar) involving external experts
   - Special one to one interactions & students seminar/ tutorials

45. List the teaching methods adopted by the faculty for different programmes.
   Power point presentation, over head presentation, audio-visual aids are used for different types of lectures and programmes

46. How does the departments sure that programme objectives are constantly met and learning outcomes are monitored? By feedback responses

47. Highlight the participation of students and faculty in extension activities. 
   - Court attendance, training of police officers/ judicial officers &Para medics

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.
   - Programme recognised by Medical Council of India.

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   - The department publications have provided new information/ knowledge Generation in both basic & applied domain

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
   Strengths- Good faculty strength, work load
   Weaknesses- Lack of adequate infrastructure
   Opportunities- Large number of cases to serve
   Challenges- To impart latest knowledge in the field

229
52. Future plans of the department. ---N/A

- The department plans to upgrade the existing facilities to serve the society by procuring latest gadgets & tools.
Annexure I

Sanctioned and Working Strength

(Department of Forensic Medicine)

<table>
<thead>
<tr>
<th>Post</th>
<th>Sanctioned Strength</th>
<th>Working Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>4*</td>
</tr>
<tr>
<td>Assoc. Professor</td>
<td>1</td>
<td>1#</td>
</tr>
<tr>
<td>Asstt. Professor</td>
<td>4</td>
<td>1¶</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>6</td>
<td>3</td>
</tr>
<tr>
<td>Total</td>
<td>12</td>
<td>8</td>
</tr>
</tbody>
</table>

*Two Senior Residents and One Asstt Professor on the sanctioned posts had been up graded to Professor under the MPS scheme.

# The sanctioned Post of Assoc. Professor had been downgraded to the Asstt Professor.

¶ One Asstt Professor on the sanctioned post had been up graded to Assoc. Professor under the MPS scheme.

Hence, one sanctioned post of Professor and one sanctioned post of Asstt Professor are vacant. Post of Professor has been advertised.

An appointment letter on the vacant sanctioned post of SR has been issued.
department Forensic Medicine

Annexure-II

Publications:

YEAR 2009-10

   Cited by 0; Impact factor-NA


   Cited by 2; Impact factor-NA


   Cited by 1; Impact factor-NA

YEAR 2010-11


YEAR 2011-12


YEAR 2012-13

   Cited by 0; Impact factor-NA

   Cited by 0; Impact factor-NA

YEAR 2013-14

   Cited by 0; Impact factor- 0.758

   Cited by 0; Impact factor- 0.758

   Cited by 0; Impact factor-NA

   Cited by 0; Impact factor-NA

**Books:**

**Chapter in Book**

Faculty serving in,

National committees/International committees/editorial boards/any other

Aggarwal N K

1. Invited to deliver a talk on “Ethical Aspects of AIDS” as guest lecture on Symposium cum CME-2012, on Medico legal Responsibilities of doctors at BhagatPhool Singh Govt. Medical College for women, Sonepat.
2. Invited to deliver a guest lecture on “Child Abuse” in the midterm CME on “Advances and Challenges in Psychiatry” held at Jurassic Park Inn, Sonepat, organized by Delhi Psychiatric Society.
3. Chaired a scientific session and participated in the National Symposium on Technological Advances in forensic applications and 11th National Conference of Indian Congress of forensic Medicine and Toxicology held at PGIMER Chandigarh on 4th and 5th January, 2013.
4. Invited to deliver a lecture on Forensic Medicine in the meeting of senior police officers in a Conference hall at Darya Ganj. Continuing as an expert to National Human Rights commission to impart opinion in cases of custodial deaths, 2012.
5. Member national editorial advisory board for the journal Indian journal of forensic medicine and toxicology
6. Member scientific council for the journal of forensic medicine and toxicology.
7. Member editorial board Delhi psychiatry journal
8. Member national advisory board IAMLE 2013
9. Invited & delivered a guest lecture at ESIC PGIMSR & Hospital, Basaidarapur, New Delhi on the topic of “issues Pertaining to Handling of Medicolegal Cases” on 17.02.2012.
10. Chaired a session on Medical Ethics in the 3rd international Conference on Current Trends Forensic Sciences, Legal Medicine, Medical Negligence and Litigation in Medical Practice held at Jaipur from 3rd to 5th February 2012.
11. Member advisory board in the 3rd international conference on current trends in forensic Sciences, legal medicine, medical negligence and litigation in medical practice held at jaipur from 3rd to 5th February, 2012.
12. Attended the orientation workshop for assessors organized by MCI on 24.11.11
15. Member national editorial advisory board for the journal Indian journal of forensic medicine and toxicology.
16. Member scientific council for the journal of forensic medicine and toxicology.
17. Member editorial board Delhi psychiatry journal
Verma S K

1. Member, Editorial Board, Delhi Psychiatric Journal.
3. Member, International Advisory Board, Journal of Forensic medicine and toxicology
5. Appointed consultant to National Human Rights Commission to impart opinion in cases of custodial deaths, 2012.
7. Chaired a scientific session and participated in the National Symposium on Technological Advances in Forensic Applications and 11th National Conference of Indian Congress of Forensic Medicine and Toxicology held at PGIMER Chandigarh on 4th and 5th January, 2013.
8. Psychiatry Journal Member Advisory Board, Journal of Indian Academy of Forensic Medicine
9. Editor-in-chief, Indian internet Journal of Forensic medicine and Toxicology.
10. Member, Editorial Board, Delhi Psychiatric Journal.
11. Member Advisory board, Journal of Indian Academy of Forensic Medicine
12. Member, International Advisory Board Journal of Forensic medicine and Toxicology.
14. Organized Training of Medical Officers of Delhi Jal Board on 21st April, 2011 and taken participatory session on, “Assessment of Age” Editor, Indian Congress of Forensic Medicine & Toxicology
15. Editor, ICFMT
16. Invited as Guest faculty to take lecture on, “Homicide Crime and Prior formalities for sending the body for Post-mortem examination in detection of bodily injuries” at CBI Academy, Ghaziabad
17. Invited by Director (Academics), Delhi to take sessions on, “Recording of Evidence and appreciation”.
18. Invited to deliver guest lecture on, “Forensic Medicine: Demand-Supply Analysis”, in, “National Symposium on Technological Advancements in Forensic Applications and 11th National Conference of ICFMT”, at PGI, Chandigarh
Kohli A

1. Member International editorial board of the Journal of Forensic Medicine & Toxicology
2. Managing editor of the International Journal of Medical Toxicology & Legal Medicine
3. National Resource Faculty for the Workshop on ‘Standard Operative Producers for Medico legal work and Modular Teaching’ held at All India Institute of Medical Sciences, New Delhi

Kumar A

1. Invited as Guest faculty to take lecture on, “Methods of establishing identity of living and Modes of death” at CBI Academy, Ghaziabad on 8th Sept 2014.
2. Invited as Guest faculty to take lecture on, “Medico legal aspect of Insanity and Common Poison” at CBI Academy, Ghaziabad on 6th Jan 2015.
3. Invited as Guest faculty to take lecture on, “Use of DNA Fingerprinting in detection of crime ” at CBI Academy, Ghaziabad on 23rd March 2015.
Department of Medicine

1. Name of the Department MEDICINE

2. Year of establishment 1971

3. Is the Department part of a college/Faculty of the university? COLLEGE (UNIVERSITY COLLEGE OF MEDICAL SCIENCES)

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
   UG (MEDICINE), PG (MEDICINE), PhD

5. Interdisciplinary programs and departments involved: CPC (Pathology), TEACH VIP (Surgery, Gynecology, Pediatrics, Orthopedics), PG Rotations (Dermatology, Neurology, Anesthesia, Psychiatry)

6. Courses in collaboration with other universities, industries, foreign institutions, etc. NONE

7. Details of programs discontinued, if any, with reasons DNB (MEDICINE): The Department is already running PG program of MD in Medicine. As per MCI guidelines, a Department cannot run two similar programs of equivalent degrees. Hence, as per the introduction of this rule, the DNB program was stopped in 2004.

8. Examination System: SEMESTER

9. Participation of the department in the courses offered by other departments NONE

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others) (as on 20.03.2015)(college only)

<table>
<thead>
<tr>
<th>Post Type</th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>4 + 1 (Chest &amp; TB)</td>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>4 + 1 (Chest &amp; TB)</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Assistant Professor/Lecturer</td>
<td>7 + 1 (Chest &amp; TB)</td>
<td>8</td>
<td>4</td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>5 + 1 (Chest &amp; TB)</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience (as on 09.03.2015)</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP Kalra</td>
<td>MD (Medicine), DM (Nephrology)</td>
<td>Professor &amp; Principal</td>
<td>Nephrology</td>
<td>33 years 4 months</td>
</tr>
<tr>
<td>SV Madhu</td>
<td>DTCD, MD (Medicine), DM (Endocrinology)</td>
<td>Professor &amp; HOD</td>
<td>Endocrinology</td>
<td>29 years 11 months</td>
</tr>
<tr>
<td>MP Agarwal</td>
<td>MD (Medicine)</td>
<td>Professor</td>
<td>Medicine</td>
<td>31 years 7 months</td>
</tr>
<tr>
<td>R Avasthi</td>
<td>MD (Medicine)</td>
<td>Professor</td>
<td>Medicine</td>
<td>29 years 8 months</td>
</tr>
<tr>
<td>S. Agarwal</td>
<td>MD (Medicine)</td>
<td>Professor</td>
<td>Medicine</td>
<td>31 years 3 months</td>
</tr>
<tr>
<td>G.S. Ranga (CHS)</td>
<td>MD (Medicine)</td>
<td>Professor</td>
<td>Medicine</td>
<td>22 years 2 months</td>
</tr>
<tr>
<td>S. Giri (CHS)</td>
<td>MD (Medicine), MBA</td>
<td>Professor</td>
<td>Nephrology</td>
<td>19 years</td>
</tr>
<tr>
<td>Srimanta K Sahu (CHS)</td>
<td>MD (Medicine)</td>
<td>Professor</td>
<td>Medicine</td>
<td>9 years 4 months</td>
</tr>
<tr>
<td>Rajat Jhamb (CHS)</td>
<td>MD (Medicine)</td>
<td>Associate Professor</td>
<td>Medicine</td>
<td>9 years 6 months</td>
</tr>
<tr>
<td>Shiva Narang (CHS)</td>
<td>MD (Medicine)</td>
<td>Associate Professor</td>
<td>Medicine</td>
<td>8 years 5 months</td>
</tr>
<tr>
<td>Amitesh Aggarwal</td>
<td>MD (Medicine)</td>
<td>Assistant Professor</td>
<td>Medicine</td>
<td>10 years 9 months</td>
</tr>
<tr>
<td>Ashish Goel</td>
<td>MD (Medicine),</td>
<td>Assistant Professor</td>
<td>Endocrinology</td>
<td>10 years 10 months</td>
</tr>
<tr>
<td>Alpana Raizada</td>
<td>MD (Medicine)</td>
<td>Assistant Professor</td>
<td>Medicine</td>
<td>9 years 3 months</td>
</tr>
<tr>
<td>Amit Kumar Verma</td>
<td>MD (Pulmonology)</td>
<td>Assistant Professor</td>
<td>Pulmonology</td>
<td>5 years 5 months</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors NONE

13. Percentage of classes taken by temporary faculty – program-wise information NIL

14. Program-wise Student Teacher Ratio UG – 10.7:1, PG – 1.07:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual. Academic and technical support staff is posted from the College pool as per requirement of the Departments. The College details are
as below:

<table>
<thead>
<tr>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>588</td>
<td>406</td>
<td>182</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies
   - Registry of Young Diabetes at the onset
   - Role of Yoga And Fenugreek In Prevention Of Type 2 Diabetes Mellitus
   - Prevalence of diabetes, prediabetes and gestational diabetes mellitus
   - Post prandial lipaemia in T2DM and its complications
   - Genetics of T2DM

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.

<table>
<thead>
<tr>
<th>Name of the faculty</th>
<th>National/ International</th>
<th>Funding agency</th>
<th>Project title</th>
<th>Grant received</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kalra OP</td>
<td>National</td>
<td>DBT</td>
<td>Role of genetic polymorphisms of renin-angiotensin-aldosterone on the reno-protective efficacy of angiotensin converting enzyme inhibitors in patients with diabetic nephropathy</td>
<td>37.18 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>National</td>
<td>DST</td>
<td>Chronic kidney disease: A study of polymorphism of xenobiotic metabolizing enzymes dealing with persistent organic compounds and development of therapeutic interventions in vitro</td>
<td>53.26 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>National</td>
<td>UGC</td>
<td>Studies on oxidized phospholipids and lipoprotein associated – Phospholipase A2 in diabetic and non diabetic chronic kidney disease</td>
<td>13.51 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>National</td>
<td>UGC</td>
<td>Spatial Analysis using Geographic Information System based maps to determine the impact of environmental and occupation hazards in causation of chronic obstructive pulmonary disease</td>
<td>9.24 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Madhu SV</td>
<td>National</td>
<td>ICMR</td>
<td>Registry of people with Diabetes in India with young age at Onset”Phase 2</td>
<td>29.55 lacs</td>
</tr>
<tr>
<td>National</td>
<td>RSSDI</td>
<td>A multicentric, randomized, controlled trial of yoga and fenugreek in the prevention of type 2 diabetes mellitus – Indian Prevention of Diabetes Study (IPDS) - ONGOING</td>
<td>42.15 lacs</td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>RSSDI</td>
<td>Role Of Yoga And Fenugreek In Prevention Of Type 2 Diabetes Mellitus – The Indian Prevention Of Diabetes Study (IPDS)” – Phase II</td>
<td>15 lacs</td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>RSSDI</td>
<td>Study of prevalence of diabetes, prediabetes, gestational diabetes mellitus and diabetes risk factors in urban Delhi</td>
<td>5.50 lacs</td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>DBT</td>
<td>Role of Post Prandial Lipaemia in the development of Type 2 Diabetes Mellitus and related macro vascular disease</td>
<td>35.62 lacs</td>
<td></td>
</tr>
<tr>
<td>National</td>
<td>ICMR</td>
<td>ICMR collaborative project INDIAB</td>
<td>Nation wide Collaborative project for Delhi State.</td>
<td></td>
</tr>
<tr>
<td>Aggarwal A</td>
<td>National</td>
<td>UGC</td>
<td>Premature Graying – a Valuable Clinical Sign in Smokers Predating Early onset Coronary Artery Disease.</td>
<td>1.2 lacs</td>
</tr>
</tbody>
</table>

18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration
      As detailed in point 17 above.

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.
      As detailed in point 17 above.

20. Research facility / centre with
   • state recognition
• National recognition: Central Research Facility, UCMS
• International recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies NONE

22. Publications:
* Number of papers published in peer reviewed journals (national / international) Annexure 1
* Monographs
* Chapters in Books
* Books edited
* Books with ISBN with details of publishers
* Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
* Citation Index – range / average
* SNIP
* SJR
* Impact Factor – range / average
* h-index

23. Details of patents and income generated NONE

24. Areas of consultancy and income generated NONE

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad

<table>
<thead>
<tr>
<th>NAME</th>
<th>ASSIGNMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>OP Kalra</td>
<td>Commonwealth Fellowship in Nephrology at Leicester General Hospital, U.K</td>
</tr>
<tr>
<td>SV Madhu</td>
<td>WHO Fellow at Joslin Diabetes centre, CDC, ATLANA, Cleveland Clinic, USA</td>
</tr>
<tr>
<td></td>
<td>Part of national delegation from ICMR to visit university of Minnasota, USA IN 2011</td>
</tr>
</tbody>
</table>

26. Faculty serving in
a) National committees b) International committees c) Editorial Boards d) any other (specify)

<table>
<thead>
<tr>
<th>NAME</th>
<th>ASSIGNMENT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Aggarwal A</td>
<td>Founder Member and Executive Committee member, Indian Society for Atherosclerosis Research – Delhi Chapter.</td>
</tr>
<tr>
<td></td>
<td>Member, Editorial Board, World Journal of Cardiology</td>
</tr>
<tr>
<td></td>
<td>Member, Editorial Board, General Medicine, Webmed Central plus</td>
</tr>
<tr>
<td></td>
<td>Co-opted member, Board of Studies, PG Diploma in Preventive Cardiology (under JamiaHamdard in collaboration with AIHF/NHI)</td>
</tr>
<tr>
<td></td>
<td>Member, Committee for IMA protocol for usage of different antibiotics</td>
</tr>
<tr>
<td>Madhu SV</td>
<td>Expert Member (Endocrinology/Diabetes), ICMR Scientific advisory</td>
</tr>
</tbody>
</table>
Medicine

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Advanced Course Workshop in Medical Education Technology</td>
<td>14 &amp; 15 October, 2013</td>
</tr>
<tr>
<td>Second Faculty Development Workshop from 15th to 19th March 2011</td>
<td></td>
</tr>
<tr>
<td>First Faculty Development Workshop from 1st to 6th February 2010</td>
<td></td>
</tr>
<tr>
<td>Workshop on &quot;Biostatistics for thesis Supervisors&quot; 2012</td>
<td></td>
</tr>
<tr>
<td>&quot;Using PubMed, Cochrane Library, and Mendeley to Search, Save, Store</td>
<td>4 November 2012</td>
</tr>
<tr>
<td>and Cite References&quot;</td>
<td></td>
</tr>
<tr>
<td>Faculty Development Workshop &quot;How to Supervise a Thesis&quot;</td>
<td>29-30 September, 2012</td>
</tr>
<tr>
<td>Faculty Development Workshop &quot;How to Obtain Funding for Research&quot;</td>
<td>22-23 November, 2011</td>
</tr>
</tbody>
</table>

28. Student projects

- percentage of students who have taken up in-house projects including interdisciplinary projects. All PG students require doing a research project and writing a thesis as a mandatory requirement.
- percentage of students doing projects in collaboration with other universities / industry / institute
  UG students take up project through ICMR STS. All PG students undertake thesis projects funded by IMRG.

29. Awards / recognitions received at the national and international level by

- Faculty
- Doctoral / post doctoral fellows
- Students

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kalra OP</td>
<td>Fellow, Indian College of Physicians</td>
</tr>
<tr>
<td></td>
<td>State Award, Govt. of NCT of Delhi</td>
</tr>
<tr>
<td></td>
<td>Fellow, Indian Society of Nephrology</td>
</tr>
<tr>
<td>Madhu SV</td>
<td>State Award, Govt. of NCT of Delhi</td>
</tr>
<tr>
<td></td>
<td>Fellow, Indian College of Physicians</td>
</tr>
<tr>
<td>Name</td>
<td>Source of funding</td>
</tr>
<tr>
<td>------</td>
<td>-------------------</td>
</tr>
<tr>
<td>Medicine Update’, UCMS – GTB Hospital, Delhi, India, 28th Feb-1st Mar 2015</td>
<td>Registrations</td>
</tr>
<tr>
<td>2nd Regional CME of Indian Society of Nephrology’, New Delhi, India, 10 – 11th Nov 2012</td>
<td>ISN</td>
</tr>
<tr>
<td>23rd Annual Conference of Indian Society for Atherosclerosis Research and International symposium on Atherosclerosis’, UCMS – GTB Hospital, Delhi, India, 13th-14th Nov, 2010.</td>
<td>UGC, MCI, AYUSH</td>
</tr>
<tr>
<td>Workshop on Scientific Communication’ UCMS - GTB Hospital, Delhi, India, 6th Apr, 2009</td>
<td>Registrations</td>
</tr>
<tr>
<td>International CME on Atherosclerosis, Hypertension and Coronary Artery Disease &amp; 15th Annual Conference of Indian Society of Hypertension’, UCMS – GTB Hospital, Delhi, India, 12th-13th Nov, 2005</td>
<td>UGC, MCI, AYUSH</td>
</tr>
<tr>
<td>41st Annual Scientific Meeting for Research Society for the Study of Diabetes in India, Greater Noida, India, 8-10th November 2013</td>
<td></td>
</tr>
<tr>
<td>2nd International Congress on Gerontology and Geriatric Medicine’, New Delhi, India, 25th-29th Feb, 2012</td>
<td></td>
</tr>
<tr>
<td>Medical Response to Disasters &amp; Mass Casualty Management’, UCMS – GTB Hospital, 28th-29th Sep, 2011</td>
<td></td>
</tr>
<tr>
<td>7th Indo-US Emergency Medicine Summit’, New Delhi, India, 28th Sep-2nd Oct, 2011</td>
<td></td>
</tr>
<tr>
<td>Panel Discussion on Challenges faced by Medical Profession’, UCMS – GTB Hospital, Delhi, India, 19th Sep, 2009</td>
<td>IMA</td>
</tr>
</tbody>
</table>
31. Code of ethics for research followed by the departments IEC-ICMR

32. Student profile program-wise: All students appear in state level and National level entrance examination to enter UG and PG program.

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass percentage Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>All courses</td>
<td>Selection from all across country for Indian citizens</td>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. NOT APPLICABLE

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>As per national and state entrance examination</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td>DU selection committee</td>
</tr>
<tr>
<td></td>
<td>Campus selection</td>
</tr>
<tr>
<td></td>
<td>Other than campus recruitment</td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>NA</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period NIL

38. Present details of departmental infrastructural facilities with regard to
   a) Library Yes
   b) Internet facilities for staff and students Yes
   c) Total number of class rooms Four
d) Class rooms with ICT facility and ‘smart’ class rooms Yes
e) Students’ laboratories No
f) Research laboratories Yes

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

a) from the host institution/university
   Dr. Azaz Ahmed Siddiqui,
   Dr. Mohd. Aslam,
   Mr. Brijesh Kumar Mishra

b) from other institutions/universities
   Ms Jo Leslie Weaver from Emory University, Atlanta, USA pursued her PhD work in Endocrinology Division of Deptt. of Medicine, UCMS and was awarded her PhD from Emory University, USA.

40. Number of post graduate students getting financial assistance from the university. NONE

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. Yes. Feedback from Faculty and students.

42. Does the department obtain feedback from
   a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? Yes, restructuring of curriculum and teaching methodology
   b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes, restructuring of curriculum and teaching methodology
   c. alumni and employers on the programs offered and how does the department utilize the feedback? No

43. List the distinguished alumni of the department (maximum 10) None

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. Foreign Faculty lectures, Thesis workshops, CPC, Conferences, MEU activities, Mentorship programs

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. CPC, BST, Didactic lectures, seminars, workshops, Problem oriented teaching, journal clubs, post graduate reviews, difficult case presentations

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? Feedback from faculty and students

47. Highlight the participation of students and faculty in extension activities. Public lectures, PSM conducted community outreach activities

48. Give details of “beyond syllabus scholarly activities” of the department. Medicine
update, orientation programs

49. State whether the program/department is accredited/graded by other agencies? If yes, give details. MCI recognized

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. Through research papers, projects, PhD work as evident by publications
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.

<table>
<thead>
<tr>
<th>Strengths</th>
<th>Weaknesses</th>
<th>Opportunities</th>
<th>Challenges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Varied clinical material</td>
<td>Lack of Super specialties</td>
<td>Ample clinical material</td>
<td>Constraint due to patient load</td>
</tr>
<tr>
<td>Cohesive medical faculty</td>
<td>Lack of infrastructure</td>
<td>Central location in NCR of Delhi</td>
<td>Burden of administrative work apart from clinical, research and teaching responsibilities</td>
</tr>
<tr>
<td>Freedom to pursue independent research</td>
<td>Lack of dedicated in-department academic time for faculty; academic block; online access to wide range of academic material.</td>
<td>International exposure</td>
<td>Budget allocation</td>
</tr>
<tr>
<td>Experienced &amp; enthusiastic faculty</td>
<td>Lack of electronic centralized health information system.</td>
<td>Expansion to build super-specialized departments.</td>
<td>Space constraint</td>
</tr>
<tr>
<td>Robust &amp; well-validated undergraduate &amp; postgraduate training programmes</td>
<td>Lack of consistent availability of essential medications/equipments; lack of in-house biomedical engineers for faster maintenance of equipment.</td>
<td>Building up a HIS to also improve transparency in clinical outcomes.</td>
<td>Bureaucracy</td>
</tr>
</tbody>
</table>

52. Future plans of the department.
- PG courses in Emergency Medicine,
- DM courses in Endocrinology & Nephrology
- Bronchoscopy facility
- Endoscopy facility
- Medical ICU
Annexure 1

  Cited by 0; Impact factor 1.77

  Cited by 0; Impact factor

  Cited by 0; Impact factor

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  Cited by 0; Impact factor

  Cited by 0; Impact factor

  Cited by 0; Impact factor 0.52

  Cited by 0; Impact factor 0.52

  Cited by 0; Impact factor-

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- Tomar LR, Pruthi S, **Aggarwal A**. Xanthelasma and Tendon Xanthomas- Early signs of life threatening hypercholesterolemia. Circulation 2013 (accepted)
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  Cited by 0; Impact factor-14.72

- Mustafa M, Datta SK, Gupta S, Sundar S, **Aggarwal A**, Banerjee BD. Organochlorine pesticides levels in pregnant women with subclinical thyroid dysfunction. Journal of Medicine and Medical Sciences 2013.(Accepted)
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  Cited by 5; Impact factor-

  Cited by 3; Impact factor-

  Cited by 4; Impact factor-8.57
  Cited by 0; Impact factor-0.52

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• Dwivedi S, **Aggarwal A**. Central obesity, hypertension and coronary artery disease: The seed and soil hypothesis. World J Cardiol 2011; 3: 40-42.
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• Dwivedi S, **Aggarwal A**, Sharma V. Cardiotoxicity from ‘safe’ herbomineral formulations. Tropical Doctor 2011; 00: 1–3.
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  Cited by 0; Impact factor-

  Cited by 0; Impact factor-14.94

  Cited by 1.69; Impact factor-

  Cited by 0 ; Impact factor-0.97
• Tomar LR, Velmurugan M, Pruthi S, **Aggarwal A.** Asymptomatic Thoracic Esophageal Duplication Cyst in a Young Adult with Bronchiectasis. Lung India 2015 (accepted)
  Cited by 0 ; Impact factor-

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• Dwivedi S, **Aggarwal A, Dev M.** All in the Name of Flavour, Fragrance and Freshness: Deceptive Marketing for Smokeless Tobacco Preparations in and around a tertiary hospital in India. Indian Journal Medical Research 2012; 136: 836-841.
  Cited by 2 ; Impact factor-1.66

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-2.52

  Cited by 9 ; Impact factor-

• Tomar LR, Agarwal MP,**Aggarwal A, Narang S, Mishra K.** Scalp swelling: An unusual presentation of small cell lung carcinoma. Indian journal of dermatology 2015(accepted)
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• **Aggarwal A, Tomar LR, Pruthi S.** Tubercular Cavity Calcification -Mimicking as a Mass Lesion.IJMS 2014 (accepted)
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- **Aggarwal A**, Tomar LR, Agarwal MP. Bilateral adrenal metastases: a rare finding in small cell carcinoma of the lung. IJMS 2014 (accepted)
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  Cited by 1; Impact factor-1.66

  Cited by 0; Impact factor-1.66

  Cited by 0; Impact factor-

  Cited by 1; Impact factor-

  Cited by 0; Impact factor-

  Cited by 0; Impact factor-

  Cited by 0; Impact factor-
  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

  - Cited by 0; Impact factor-

Cited by 13; Impact factor-


Cited by 0 ; Impact factor-9.5


Cited by 0 ; Impact factor-9.66


Cited by 1 ; Impact factor-9.66


Cited by 0 ; Impact factor-2.34


Cited by 4 ; Impact factor-2.34


Cited by 0 ; Impact factor-9.66


Cited by 0 ; Impact factor-9.66

Aggarwal A, Schroff P. Comparative Study of Risk Factors Profile in Young and Older Patients of Coronary Artery Disease in an East Delhi Tertiary Care Hospital. Atherosclerosis Supplements 2010; 2: 168.


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  Cited by 0; Impact factor-

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• Dwivedi S, **Aggarwal A.** Short term mortality in acute coronary syndrome: effect of dysglycemia and smoking. Indian Heart Journal 2010; 62: 465-466.
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• **Aggarwal A, Dwivedi S, Dev M.** Factors predisposing to recurrence and/or death in early onset coronary artery disease patients. Indian Heart Journal 2010; 62: 478-479.
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- **Aggarwal A,** Bansal A, Dwivedi S, Tyagi S, Agarwal MP. Carotid intima-media thickness, echocardiographic and angiographic profile of patients with early onset coronary artery disease. Indian Heart Journal 2010; 62: 481. Cited by 0; Impact factor-

- Dwivedi S, Bansal A, Tyagi S, Agarwal MP, **Aggarwal A.** Comparative profile of carotid intima-media thickness, echocardiographic and angiographic assessment in early onset and older coronary artery disease patients. Indian Heart Journal 2010; 62: 481-482. Cited by 0; Impact factor-

- Dwivedi S, **Aggarwal A,** Dev M. All in the name of Flavor, Fragrance and Freshness-Smokeless Tobacco Preparations in and around East Delhi Tertiary Hospital. J AssocPhysc India 2010; 58: 766. Cited by 2; Impact factor-

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Dwivedi S, Aggarwal A, Jain P. Learning curve of Tobacco Habit in young-our experience at tobacco cessation clinic. Proceedings of 23rd Annual Conference of Indian Society for Atherosclerosis Research and International symposium on Atherosclerosis, UCMS – GTB Hospital, Delhi, India, 13th-14th Nov, 2010, pg 74.


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Atherosclerosis’, UCMS – GTB Hospital, Delhi, India, 13th-14th Nov, 2010, pg 99.
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Cited by 5; Impact factor-2.246

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• Madhu SV. Knowledge and awareness of diabetes in urban and rural India, The ICMR-INDIAB study (Phase 1): ICMR-INDIAB 4”. Accepted for publication in Indian J EndocrinolMetab 2014. Cited by 0; Impact factor-

Cited by 7; Impact factor

Cited by 1; Impact factor

Cited by 0; Impact factor-0

Cited by 0; Impact factor-0

Cited by 1; Impact factor-0

Cited by 3; Impact factor-

Cited by 10; Impact factor-

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Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 8; Impact factor-0.665

Cited by 7; Impact factor-

Cited by 0; Impact factor-0.758

Cited by 0; Impact factor-

Cited by 0; Impact factor-

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Cited by 8; Impact factor-3.63

Cited by 0; Impact factor-3.63

Cited by 9; Impact factor-1.33

Cited by 1; Impact factor-0.927

Cited by 0; Impact factor-1.04

Cited by 2; Impact factor-1.184

Cited by 5; Impact factor-1.214

Cited by 1; Impact factor-16.3

Cited by 1; Impact factor-1.214

Cited by 3; Impact factor-5.8

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Cited by 0; Impact factor-
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tion at an ART centre of Delhi. Tropical Doctor 2011;41(3)  
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  Cited by 3; Impact factor-0.528

  Cited by 1; Impact factor-2.228

  Cited by 0; Impact factor-

  Cited by 0; Impact factor-0.899

  Cited by 0; Impact factor-0.528


Courses. Editor Dr Piyush Gupta and Dr Navjeevan Singh. Published by Jaypee Brothers Pvt. Ltd. New Delhi 2014; 8-14

DEPARTMENT OF MICROBIOLOGY

1. Name of the Department: Microbiology

2. Year of establishment: 1971

3. Is the Department part of a college/Faculty of the university? : Yes

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.): MBBS, MD (Microbiology)

5. Interdisciplinary programs and departments involved: Yes

6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Not Applicable

7. Details of programs discontinued, if any, with reasons: Not Applicable

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Annual

9. Participation of the department in the courses offered by other departments: Yes

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

<table>
<thead>
<tr>
<th>Post</th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
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</thead>
<tbody>
<tr>
<td>Professor</td>
<td>01</td>
<td>01</td>
<td>05</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>04</td>
<td>Nil</td>
<td>-</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>04</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>Lecturer</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>07</td>
<td>05</td>
<td>05</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. VG Ramachandran</td>
<td>MSc., Ph.D</td>
<td>Prof.</td>
<td>Microbiology</td>
<td>35 Yrs. &amp; 10 mths</td>
</tr>
<tr>
<td>Dr. IR Kaur</td>
<td>MBBS, MD (Microbiology)</td>
<td>Professor</td>
<td>Microbiology</td>
<td>37 Yrs. &amp; 02 mths</td>
</tr>
<tr>
<td>Dr. Ashwani Kumar</td>
<td>MBBS, MD (Microbiology)</td>
<td>Professor</td>
<td>Microbiology</td>
<td>35 Yrs. &amp; 10 mths</td>
</tr>
<tr>
<td>Dr. NP Singh</td>
<td>MBBS, MD (Microbiology)</td>
<td>Professor</td>
<td>Microbiology</td>
<td>27 Yrs. &amp; 11 mths</td>
</tr>
<tr>
<td>Dr. Shukla Das</td>
<td>MBBS, MD (Microbiology)</td>
<td>Professor</td>
<td>Microbiology</td>
<td>20 Yrs. &amp; 02 mths</td>
</tr>
<tr>
<td>Dr. Rumpa Saha</td>
<td>MBBS, MD (Microbiology)</td>
<td>Asstt.Prof.</td>
<td>Microbiology</td>
<td>12 Yrs. &amp; 06 mths</td>
</tr>
</tbody>
</table>
Microbiology

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: Not Applicable

13. Percentage of classes taken by temporary faculty – program-wise information : Not Applicable

14. Program-wise Student Teacher Ratio: 15:01

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:

<table>
<thead>
<tr>
<th>Staff</th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual</th>
</tr>
</thead>
<tbody>
<tr>
<td>Academic support staff (technical)</td>
<td>-</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>Administrative staff</td>
<td>-</td>
<td>01</td>
<td>01</td>
</tr>
</tbody>
</table>

16. Research thrust areas as recognized by major funding agencies:
   Immunology and Molecular biology Studies in Autoimmune Diseases & Fungal infections and Genetics of ESBLs & Carbapenemases. Genetic characterization of HIV subtypes in India, Molecular profile of dengue virus, North India, diarrhoeagenic E coli & transcriptomes

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.

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Faculty</th>
<th>a) Name of Project (National)</th>
<th>Funding Agency</th>
<th>Total Fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. VG Ramachandran</td>
<td>1. Genetic and functional characterization of natural HIV 1 Tat,Vpr and Vpu variants circulating in North India. Collaborative with national Institute of Immunology, New Delhi, India. P.I.</td>
<td>ICMR</td>
<td>Rs.21 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Molecular analysis of cytokine polymorphism in auto immune skin diseases – As Co-PI</td>
<td>UGC</td>
<td>5 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Role of host genetic factors in Gynaecological infections – As Co-PI</td>
<td>ICMR</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>5. Transcriptome analysis for identification of novel biomarker for disease progression</td>
<td>DBT</td>
<td>1 Crore 39 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td>In Dengue patients. P.I.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Dr. NP Singh</td>
<td>Detection of genre harboring carbapenemase activity among Enterobacteriaceae members from stool isolates among hospitalized, out patients and healthy volunteers from community: A pilot study</td>
<td>UGC</td>
<td>10,84,600</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Shukla Das</td>
<td>Study of immune response to common recall antigens and super antigens in autoimmune skin diseases before and after immunosuppressive intervention. - P.I. To study the variation in FcER1α gene and Th17/T regulatory balance in allergic fungal</td>
<td>DST</td>
<td>27 lacs</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>DBT</td>
<td>37.8 lacs</td>
</tr>
</tbody>
</table>
### Microbiology

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>National</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>4.</td>
<td>Dr. Shukla Das</td>
<td>04(90 lac)</td>
<td>Nil</td>
</tr>
</tbody>
</table>

**18. Inter-institutional collaborative projects and associated grants received**

- a) National collaboration
- b) International collaboration

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>National</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Dr. Sumit Rai</td>
<td></td>
<td>1,90,148</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Rumpa Saha</td>
<td></td>
<td>Rs.12,31,800/-</td>
</tr>
</tbody>
</table>

**19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : As mentioned in point no.17**

**20. Research facility / centre with**

- state recognition: State Reference Laboratory for HIV, DSACS, UCMS & GTBH, Delhi: Not Applicable
- national recognition : Not Applicable
- international recognition : Not Applicable

**21. Special research laboratories sponsored by / created by industry or corporate bodies : Not Applicable**

**22. Publications:**

- Number of papers published in peer reviewed journals (national / international) : 236
- Monographs: 28
- Chapters in Books : 33
- Books edited : 02
- Books with ISBN with details of publishers : 01
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) : Nil
- Citation Index – range / average : Nil
- SNIP : Nil
- SJR : Nil
Microbiology

* Impact Factor – range / average : 0.75 – 4.946
* h-index : 10

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name</th>
<th>National Committee</th>
<th>International</th>
<th>Editorial Boards</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. VG Ramachandra</td>
<td>National-43 Inter-National-22</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td>07</td>
<td>30 chap. in 09 books</td>
<td>-</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>2.</td>
<td>Dr. I.R. Kaur</td>
<td>National-30 Inter-National-08</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>3.</td>
<td>Dr. N.P. Singh</td>
<td>National-25 Inter-National-09</td>
<td>-</td>
<td>-</td>
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<tr>
<td></td>
<td></td>
<td></td>
<td>01 Venus Printer &amp; Publishers</td>
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</tr>
<tr>
<td>4.</td>
<td>Dr. Shukla Das</td>
<td>~60</td>
<td>21</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>03</td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Dr. Rumpa Saha</td>
<td>32</td>
<td>-</td>
<td>02</td>
</tr>
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</table>

23. Details of patents and income generated : Not Applicable

24. Areas of consultancy and income generated : Not Applicable

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : Not Applicable

26. Faculty serving in
   a) National committees b) International committees  c) Editorial Boards  d) any other (specify)
<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Committee</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. VG Ramachandran</td>
<td>1. Consultant – IAP Advisory Committee on vaccination and Immunization</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Practices (ACVIP) of Indian Academy of Pediatrics</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Member, Technical Resource Group, Department of AIDS Control, Ministry of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Health &amp; Family Welfare, Govt.of India,</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Expert – Area Advisory Board, Amity University, Noida, U.P.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. REVIEWER for</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1. Indian Pediatrics.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Clinical Orthopaedics and Related Research (CORR)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4. Indian Journal of Orthopaedics</td>
</tr>
<tr>
<td>2.</td>
<td>Dr. IR Kaur</td>
<td>1. Expert member of New Drug Advisory Committee, DCGI.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Member of Board of Studies, Department of Microbiology, IMS Banaras</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hindu University, Varanasi</td>
</tr>
<tr>
<td></td>
<td></td>
<td>3. Member of Board of Studies, Paramedical courses, HIMSAR, Jamia Milia</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Hamdard</td>
</tr>
<tr>
<td>3.</td>
<td>Dr. Ashwani Kumar</td>
<td>1. Elected as Delhi University representative on the Medical Council of</td>
</tr>
<tr>
<td></td>
<td>Kumar</td>
<td>India by the members of University Court at the 84&lt;sup&gt;th&lt;/sup&gt; Annual</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Meeting of the University Court held on 03/4/2014.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2. Appointed as member of Curriculum and course contentapproval committee</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(CCCAC) of Healthcare sector skill council (HSSC) for the job roles of</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Medical Laboratory Technician, Histo-Technician,</td>
</tr>
</tbody>
</table>
| 4. Dr. Shukla Das | 1. Member of Institute Ethical Committee, NCDC, Delhi.  
2. Member of Editorial Board for Journal of Communicable Diseases, NCDC, Delhi  
3. Member of IBSC, UCMS & GTB Hospital Delhi, appointed by DBT, Govt. of India.  
4. Member of advisory committee for clinical and laboratory medicine MEU.  
5. Member of Medical Mycology Consortium DBT.  
6. Advisory Board: Indian Journal of Medical Specialty  
7. Chairperson of Internal Complaint Committee for Sexual Harassment of Women at Workplace.  
8. Co-ordinator for guest lecturers for MA./ MSc course of Environmental Studies at Deptt. Environmental Studies, Delhi University. |
|---|---|
| 5. Dr. Rumpa Saha | 1. Member of Rapid Response Team, State Surveillance Unit for Integrated surveillance Project, DHS, Delhi.  
2. Member of District Level Adverse Event Following Immunization (AEFI) Committee for Shahdara District.  
2. Joint Editor & contributor of Chapters of the
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Faculty</th>
<th>Year</th>
<th>Faculty recharging strategy</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dr. VG Ramachandra n</td>
<td>2010-11</td>
<td>a. Spectrum of viruses causing sexually transmitted infections (STIs), XIX National Conference on “Recent Trends in Viral Disease Problems and Management” Indian Virology Society, Organized by Department of Virology, Sri Venkateswara University, Tirupati.</td>
<td>18-20 Mar.2010</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>b. Second Annual Conference of International Association of Medical and Pharmaceutical Virologists (IAMPV) on New Frontiers in Drug Discovery and Development against emerging and re-emerging viral infection. Organized by Department of Respiratory Virology, VP Chest Institute, Delhi, as Rapporteur and participant.</td>
<td>3-5 Mar.2011</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>c. Regional workshop on process of Quality for State Reference Laboratory, organized by NACO &amp; Chandigarh SACS</td>
<td>28/9/10 to 01/10/10</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>d. WHO sponsored consultative meeting cum training workshop on Gonococcal Antimicrobial Susceptibility Programme (GASP), New Delhi by WHO – GASP SEAR Regional Reference Laboratory, V.M. Medical College &amp; Regional STD teaching, training and research centre, Safdarjung Hospital, New Delhi</td>
<td>7-9 Dec.2010</td>
</tr>
<tr>
<td>Year</td>
<td>Event</td>
<td>Location</td>
<td>Details</td>
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<td></td>
</tr>
<tr>
<td>2013-14</td>
<td>1. Annual Conference of Indian Immunological Society, Delhi</td>
<td></td>
<td>15-17, Nov.2013</td>
<td></td>
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<tr>
<td></td>
<td>for In-Charges of SRLs for HIV/AIDS, Centre for AIDS &amp; Related</td>
<td>Co-Sponsored by ICMR, DBT,</td>
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</tr>
<tr>
<td></td>
<td>Diseases, National Centre For Disease Control, Delhi -110054;</td>
<td>Ticel Bio-park, Taramani,</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>sponsored by NACO</td>
<td>Chennai</td>
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<table>
<thead>
<tr>
<th>Year</th>
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<tr>
<td></td>
<td>Standard in the HIV Testing Laboratories</td>
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<th>Year</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td></td>
<td>VARANASI</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. Indo-French – Inter academic Symposium on Infectious Disease</td>
<td></td>
<td>30 Nov. – 3rd Dec.2010</td>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td>2013-14</td>
<td>1. XXXVII National Conference of Indian Association of Medical</td>
<td></td>
<td>21-23, Nov. 2013</td>
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<td></td>
<td>Microbiologists at Hyderabad</td>
<td></td>
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<table>
<thead>
<tr>
<th>Year</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
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<tbody>
<tr>
<td></td>
<td>chapter IAMM at Habitat Centre</td>
<td></td>
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</tr>
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<tr>
<th>Year</th>
<th>Event</th>
<th>Location</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-12</td>
<td>1. 1st International Summit &amp; Workshop on “Cost effective and</td>
<td>JPNAA Trauma Centre, AIIMS</td>
<td>2011</td>
</tr>
<tr>
<td></td>
<td>meaningful use of technology in emergency health care”</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(CEUTEH 2011),</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>ICGGM 2012, UCMS, AIIMS, Indian Academy of Geriatrics- Delhi Chapter</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>response to mass casualty and disaster management at UCMS, AIIMS</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Trauma</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>Event</td>
<td>Details</td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td>2009-10</td>
<td>Future of Microbiology – Microcon-D 2010 - Annual Meet of Delhi chapter IAMM at Habitat Centre.</td>
<td>Dr. NP Singh 2009-10</td>
<td></td>
</tr>
<tr>
<td>2010-11</td>
<td>Nil</td>
<td>Nil</td>
<td></td>
</tr>
<tr>
<td>2011-12</td>
<td>Conference on Tuberculosis: a global challenge at Kufri, Shimla by Deptt. of Microbiology, IGMC, Shimla</td>
<td>11-12 June 2011</td>
<td></td>
</tr>
<tr>
<td></td>
<td>MICROCON 2011 IMS, BHU, VARANASI</td>
<td>23-26 Nov. 2011</td>
<td></td>
</tr>
<tr>
<td>2012-13</td>
<td>IAMM UP Chapter “UP MICROCON” 2013 at Subharti Medical College, Meerut</td>
<td>Dr. Shukla Das 2009-10</td>
<td></td>
</tr>
<tr>
<td>2013-14</td>
<td>X Annual IAMM UP MICROCON 2014 at School of Medical Sciences and Research at Sharda Hospital Greater Noida, U.P.</td>
<td>1st Feb. 2014</td>
<td></td>
</tr>
<tr>
<td>2010-11</td>
<td>Indo-French – Inter academic Symposium on Infectious Disease</td>
<td>Dr. Shukla Das 2009-10</td>
<td></td>
</tr>
<tr>
<td>2011-12</td>
<td>Seminar new frontiers in drug discovery &amp; development against emerging &amp; reemerging viral infections.</td>
<td>3rd Dec. 2010</td>
<td></td>
</tr>
<tr>
<td>2011-12</td>
<td>4th FEBS Advanced Lecture Course, La Colle sur Loup, France</td>
<td>19-21 Mar. 2010</td>
<td></td>
</tr>
<tr>
<td>2011-12</td>
<td>Future of Microbiology – Microcon-D 2010 - Annual Meet of Delhi chapter IAMM at Habitat Centre.</td>
<td>2-13 Mar. 2010</td>
<td></td>
</tr>
<tr>
<td>2012-13</td>
<td>Berlin ISHAM: 18th Congress ISHAM IL10-suppressive immunity lethal in OPC in HIV seropositive patients.</td>
<td>11-15th June 2012</td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>Event</td>
<td>Location</td>
<td>Dates</td>
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<tr>
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</tr>
<tr>
<td></td>
<td>3. Annual Conference of Indian Immunology Society Annual Delhi Chapter, AIIMS</td>
<td></td>
<td>Oct. 2013</td>
</tr>
<tr>
<td>2010-11</td>
<td>1. Lab quality management system and internal audit course as per ISO 17025 at IIQM, Jaipur</td>
<td>Jaipur</td>
<td>4-7 Jan.2011</td>
</tr>
<tr>
<td></td>
<td>2. Lab quality management system and internal audit course as per ISO 15189 at IIQM, Jaipur</td>
<td>Jaipur</td>
<td>8-11 Feb.2011</td>
</tr>
<tr>
<td>2010-11</td>
<td>MICROCON 2011 IMS, BHU, VARANASI</td>
<td>Varanasi</td>
<td>23-26 Nov. 2011</td>
</tr>
<tr>
<td></td>
<td>2. Workshop on medical education technology – National Faculty Development Programme of MCI at UCMS</td>
<td>Delhi</td>
<td>1-6 Feb.2010</td>
</tr>
<tr>
<td></td>
<td>2. Workshop on Laboratory procedures for diagnosing of STIs at VMCC Safdarjung Hospital – IAMM Delhi Chapter.</td>
<td>New Delhi</td>
<td>12th Mar. 2010</td>
</tr>
<tr>
<td>2010-11</td>
<td>1. XXXIV Annual Conference of Indian Association of Medical Microbiologists.</td>
<td>Delhi</td>
<td>24-28 Nov. 2010</td>
</tr>
<tr>
<td></td>
<td>2. Indian Association of Medical Microbiologists – Delhi Chapter, MICRO-D-CON 2010. Satellite Workshop on “Laboratory procedures for diagnosing STIs” at VMMC &amp; Safdarjung Hospital, New Delhi</td>
<td>Delhi</td>
<td>12 March 2010</td>
</tr>
<tr>
<td>2011-12</td>
<td>1. Workshop on “Calibration, Biosafety and Strategic Information Management System (SIMS)” organized by National AIDS Control Organization (NACO) at National Center for Disease Control, Delhi</td>
<td>Delhi</td>
<td>August 2nd to 4th, 2011</td>
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<tr>
<td></td>
<td>2. Zonal Task Workshop (North Zone) on</td>
<td>Delhi</td>
<td>14-15 Sept.</td>
</tr>
<tr>
<td>Year</td>
<td>Event Description</td>
<td></td>
<td></td>
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<tr>
<td>------</td>
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</tr>
<tr>
<td>2011</td>
<td>1. Workshop on &quot;Research Methodologies for Women Scientist&quot; organized by Department of Science &amp; Technology (DST), Govt. of India &amp; Department of Pharmacology, All India Institute of Medical Sciences (AIIIMM) at DST, New Delhi, 3-7 Oct. 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2011</td>
<td>2. Workshop on &quot;Research Methodology and Art of Scientific Paper-Writing&quot; organized by Indian Journal of Medical Specialities &amp; Deptt. of Medicine, MAMC, Delhi, 9th Oct. 2011</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2012-13</td>
<td>2. 36th National Conference of Indian Association of Medical Microbiologists, MICROCON 2012 at Lady Harding Medical College, New Delhi, 22-25 Nov. 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010-11</td>
<td>1. MICRON – 2010 AT Kolkata, 25-28 Nov. 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>2. French Indian Inter Academic Symposium on Infectious Diseases at National Institute of Immunology, Nov. 30, 2010 to Dec. 3, 2010</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3. 2nd Annual Conference of International Association of Medical and Pharmaceutical Virologists (IAMPV) – National Seminar at VP Chest Institute, Delhi, 3-5 March 2011</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Capacity Building Training Programme on Diagnosis of STI/RTI at Apex Regional STI Centre, Safdarjung Hospital, New Delhi, 21st - 22nd Nov 2011</td>
<td></td>
<td></td>
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<td></td>
<td>Workshop on Editing the Medical Content of Wikipedia at UCMS, Nov 1st 2011</td>
<td></td>
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<tr>
<td>2012-13</td>
<td>1. The VI National Congress of the Indian Academy of Tropical Parasitology, 13 and 14 October 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>S. No.</td>
<td>Name</td>
<td>No. of students who have taken up in-house project including inter-departmental projects</td>
<td>% of students doing project in collaboration with other universities/industry/institute</td>
</tr>
<tr>
<td>-------</td>
<td>------</td>
<td>--------------------------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1.</td>
<td>Dr. Shukla Das</td>
<td>Funded project = 07 IMRG / ICMR studentship =09</td>
<td>01</td>
</tr>
</tbody>
</table>

**28. Student projects**

- percentage of students who have taken up in-house projects including inter-departmental projects
- percentage of students doing projects in collaboration with other universities / industry / institute
Microbiology

29. Awards / recognitions received at the national and international level by
   - Faculty : As per table below
   - Doctoral / post-doctoral fellows : Nil
   - Students : Nil

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of Faculty</th>
<th>Name of award/recognition received at the national and international level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. VG Ramachandran</td>
<td>1. Sardarilal Memorial Award for the best paper published in Indian Journal of Sexually Transmitted Diseases, 2010</td>
</tr>
</tbody>
</table>
| 2.    | Dr. Shukla Das                   | 1. Sardarilal Memorial Award for the best paper published in Indian Journal of Sexually Transmitted Diseases, 2010  
                                           2. Saoji & Sen Gupta Memorial Award (Gold Medal) at National Conference IAMM Jaipur, Nov.2014.  
                                           3. Best oral paper award at SIHAM Coimbatore, 2014  
                                           4. Guest speaker at Jodhpur CME on current trend in Immunology at AIIMS Jodhpur, Sept.2014.  
                                           5. Invited speaker on Arthropod borne diseases day at IMA, East Delhi 2014 |
|       | Dr. Rumpa Saha                   | 1. Felicitated by the Indian Medical Association headquarters for editing and contribution towards the book entitled Rational Use of Antimicrobials- Indian Perspective.  
                                           2. Invited as a guest faculty for PGI Golden Jubilee Alumni Meeting for Medical Microbiology alumnius and CME be held on 14th December 2012 at PGIMER, Chandigarh for participation in Debate.  
                                           3. Invited as a guest faculty for talk on *Hepatitis: exposure and beyond* on 29.07.2013 at ITS Dental College, Murad Nagar.  

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name</th>
<th>Conference/Workshops organized &amp; source of funding</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Dr. Shukla Das</td>
<td>01. IMMUNOCON 2013 Funding : Immunology Society, DST, ICMR, Ayush etc.</td>
</tr>
</tbody>
</table>
| 2.    | Department of Microbiology     | 01. Organized workshop on “Bio films” on March 2011 under the aegis of IAMM Delhi Chapter.  
                                           02. Organized workshop on “PCR in the diagnosis of Fungal Sinusitis” on February 24th2012 under the aegis of IAMM Delhi Chapter.  
                                           03. Organized the Winter Meet of IAMM – Delhi Chapter on “Accreditation – Strive for excellence” in collaboration with NABL on 3rd Dec.2011 at India Habitat Centre.  
                                           04. 1st and 2nd Training Programme on Antibiotic Susceptibility Testing and Resistance Surveillance for Young Researchers from African Countries [Under the Aegis of Department of Science and Technology, Govt. of India] from 19th – 30th April 2011 and 26th  
                                           |
Microbiology

September – 8th October 2011.

31. Code of ethics for research followed by the departments: All research projects are sent through Institutional Ethical Committee.

32. Student profile program-wise: Not Applicable

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass percentage Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students: Not Applicable

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.

<table>
<thead>
<tr>
<th>NET</th>
<th>GATE</th>
<th>JRF</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

35. Student progression:

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>: Not Applicable</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>: Not Applicable</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>: Not Applicable</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>01</td>
</tr>
<tr>
<td>Employed</td>
<td>: Not Applicable</td>
</tr>
<tr>
<td>● Campus selection</td>
<td></td>
</tr>
<tr>
<td>● Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>: Not Applicable</td>
</tr>
</tbody>
</table>

36. Diversity of staff:

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M. Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period: Nil

38. Present details of departmental infrastructural facilities with regard to

a) Library: Facility available with 125 books in the department
Microbiology

b) Internet facilities for staff and students: Available for staff, PG students and Office

c) Total number of class rooms: Not Applicable

d) Class rooms with ICT facility and ‘smart’ class rooms: Not Applicable

e) Students’ laboratories: 01

f) Research laboratories: 11 Diagnostics and Research Laboratories

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

a) from the host institution/university

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Ms. Taru Singh</td>
</tr>
<tr>
<td>2</td>
<td>Ms. Sweta Sharma</td>
</tr>
<tr>
<td>3</td>
<td>Ms. Jyotsna Singh</td>
</tr>
<tr>
<td>4</td>
<td>Mr. Lawrence</td>
</tr>
<tr>
<td>5</td>
<td>Ms. Monika Malik</td>
</tr>
</tbody>
</table>

b) from other institutions/universities

<table>
<thead>
<tr>
<th></th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Md. Ahmad Ansari</td>
</tr>
</tbody>
</table>

40. Number of post graduate students getting financial assistance from the university. : 07 Postgraduate students per year

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. : Not Applicable

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? : Yes. Necessary changes for better teaching – learning-evaluation are incorporated in the day-to-day teaching programme

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? : No

c. alumni and employers on the programs offered and how does the department utilize the feedback? : No

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

1. Dr. V. Talwar
2. Dr. M. Mathur
3. Dr. Sudha Rawat
4. Dr. Deepa Gadre
5. Dr. Poonam Sharma
6. Dr. G. Revathy
7. Dr. Uma Banerjee
8. Dr. Manorma Deb
9. Dr. Rama Chowdhary
10. Dr. Anita Chakraborty

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving
Microbiology

external experts.

1. Organized workshop on "Bio films" on March 2011 under the aegis of IAMM Delhi Chapter.
2. Organized workshop on “PCR in the diagnosis of Fungal Sinusitis” on February 24th 2012 under the aegis of IAMM Delhi Chapter.

4. 1st and 2nd Training Programme on Antibiotic Susceptibility Testing and Resistance Surveillance for Young Researchers from African Countries [Under the Aegis of Department of Science and Technology, Govt. of India] from 19th – 30th April 2011 and 26th September – 8th October 2011

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
   1. Lectures
   2. Practicals
   3. Tutorials
   4. Seminars
   5. Case study
   6. Evaluation by conducting Terminal and Sent up examinations
   7. Research presentation
   8.

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
   1. By holding regular teaching staff meetings & discussion on topics Preceding an undergraduate teaching class by all the teachers.
   2. Interdepartmental (Para & Clinical) meetings of Faculty members for better implementation & coordination of teaching programme.

47. Highlight the participation of students and faculty in extension activities.
   : STS-ICMR, Student seminars, Sports & Cultural Activities

48. Give details of “beyond syllabus scholarly activities” of the department.
   : Gender Sensitization (internal complaint committee for sexual harassment), Student Seminars

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details.
   : No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   : Participation in interdisciplinary research presentations. Ph.D course work and seminars, invited guest lectures by eminent scientists

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

**Strength:**

1. Diagnostic facility for 1500 bedded tertiary care Hospital
2. Regular PG & UG teaching programme
3. Molecular biology laboratory facility developed for diagnostic and research activities.
4. Flow cytometry analysis of T cell subsets in autoimmune skin disease and fungal infections
5. Ongoing EQAS for HIV & VDRL testing, Mycology and Gonococci
Microbiology

Weaknesses:

1. Lack of infrastructure for advance high throughput instrument facility for diagnostics
2. Lack of Hospital information system
3. Shortage of staff both teaching and non-teaching
4. Lack of emergency power backup for continuous running of all the equipments
5. Irregular supply of diagnostic kits and reagents

Opportunities

1. Sufficient clinical material for diagnostic and research purposes
2. Attending conferences, workshops & other Faculty recharging strategies
3. Facilities for conducting Undergraduate, Postgraduate & Ph.D programmes
4. Imparting training programme for Medical Laboratory Technology students from other Institution.

Challenges:

1. Generating quality reports in the existing facilities
2. Maintaining day-to-day records in WHONET
3. Implementation of Hospital Infection Control programme
4. Formulation of Hospital antibiotic policy
5. Attending international conferences

Future plans of the department:

1. Molecular biology diagnostic facility
2. To monitor antifungal susceptibility testing of dermatophytes in clinical failure cases.
4. Immune response study in Pemphigus patients with disease progression and relapse.
5. Monitoring antibiotic susceptibility pattern & maintaining antibiotic stewardship programme in the Hospital.
6. Strengthen Hospital Infection Control
7. Orientation programmes to educate Health care workers
8. NABL accreditation of the diagnostic laboratories
Department of Obstetrics & Gynaecology

1. Name of the Department - Obstetrics & Gynaecology
2. Year of establishment - 1971
3. Is the Department part of a college? - Yes
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.) - UG & MS (Obst & Gynaec)
5. Interdisciplinary programs and departments involved:
   a) Antenatal Thalassemia Screening Programme with Dept. of Pathology.
   b) HIV & PPTCT under DSACS, NACO.
   c) National Birth Defect Registry with Dept. of Pediatrics in collaboration with Safdarjung.
   d) National Cervical Cancer Screening with Pathology Department.
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - Nil
7. Details of programs discontinued, if any, with reasons:- DNB (Obst & Gynaec) from National Board of Examination.
   Reason: - Increase in strength of MS (O&G) candidate from Delhi University as per PG recognized supervisor
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System:
   UG - Semester wise exam as per MCI norms
   PG – Single exit exam as per MCI norms
9. Participation of the department in the courses offered by other departments: PhD Programme, Postgraduate thesis: - Faculty from different departments are co-opted as co-supervisors for PG theses.
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others):

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>UCMS</td>
<td>CHS</td>
<td>UCMS</td>
</tr>
<tr>
<td>Professor</td>
<td>1</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Associate</td>
<td>1</td>
<td>-</td>
<td>1</td>
</tr>
<tr>
<td>Professor/Reader</td>
<td>6</td>
<td>5+12</td>
<td>3+1 (3 working &amp; 1 is on EOL)</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>4</td>
<td>38</td>
<td>3</td>
</tr>
<tr>
<td>Lecturer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Resident</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

259
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Gita Radhakrishnan</td>
<td>MD</td>
<td>Dir. Prof. &amp; HOD</td>
<td>Obst &amp; Gynae</td>
<td>34</td>
</tr>
<tr>
<td>Dr Neelam B Vaid</td>
<td>MD</td>
<td>Dir. Prof.</td>
<td>Obst &amp; Gynae</td>
<td>36</td>
</tr>
<tr>
<td>Dr Neerja Goel</td>
<td>MD</td>
<td>Dir. Prof.</td>
<td>Obst &amp; Gynae</td>
<td>32</td>
</tr>
<tr>
<td>Dr Amita suneja</td>
<td>MD</td>
<td>Professor</td>
<td>Obst &amp; Gynae</td>
<td>28</td>
</tr>
<tr>
<td>Dr Shalini Rajaram</td>
<td>MD</td>
<td>Dir. Prof.</td>
<td>Obst &amp; Gynae</td>
<td>23</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>MD</td>
<td>Professor</td>
<td>Obst &amp; Gynae</td>
<td>22</td>
</tr>
<tr>
<td>Dr Rachna Aggarwal</td>
<td>MD</td>
<td>Professor</td>
<td>Obst &amp; Gynae</td>
<td>11</td>
</tr>
<tr>
<td>Dr Sandhya Jain</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>10</td>
</tr>
<tr>
<td>Dr Alpana Singh</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>8</td>
</tr>
<tr>
<td>Dr Richa Sharma</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>6</td>
</tr>
<tr>
<td>Dr Himsweta</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>7</td>
</tr>
<tr>
<td>Dr Bindiya Gupta</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>6</td>
</tr>
<tr>
<td>Dr Neha Gami</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>8</td>
</tr>
<tr>
<td>Dr Nilanchali Singh</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>1</td>
</tr>
<tr>
<td>Dr Anshuja Singla</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>1</td>
</tr>
<tr>
<td>Dr Sruthi Bhaskaan</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>1</td>
</tr>
<tr>
<td>Dr Vishnu Bhartiya</td>
<td>MD</td>
<td>Assistant Prof.</td>
<td>Obst &amp; Gynae</td>
<td>1</td>
</tr>
</tbody>
</table>

12. List of Senior Visiting Fellows, adjunct faculty, emeritus professors: - Nil

13. Percentage of classes taken by temporary faculty - program-wise information: Equal distribution of classes among temporary and permanent faculty


15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:- One administrative staff and one peon (filled)

16. Research thrust areas as recognized by major funding agencies:
   a) Maternal mortality and Morbidity
   b) Hypertension disorders of pregnancy
   c) Environment contaminants and reproductive health and cancers
   d) High risk pregnancy
   e) Uro gynaecology
   f) Gyane oncology
   g) Infertility

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. - Annexure – I

18. Inter-institutional collaborative projects and associated grants received: - As shown Annexure – I
a) National collaboration b) International collaboration

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. - Annexure - I

20. Research facility / centre with:
   ● state recognition - Nil
   ● national recognition - Nil
   ● international recognition - Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies. Nil

22. Publications: - Annexure - II
   * Number of papers published in peer reviewed journals (national/ international) - 132
   * Monographs - Nil
   * Chapters in Books - 47
   * Bookedited - 8
   * Books with ISBN with details of publishers - Refer to Annexure - II
   * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.) - 132
   * Citation Index – range / average - Nil
   * SNIP - Nil
   * SJR - Nil
   * Impact Factor – range / average - Nil
   * h-index - Nil

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: - Nil

26. Faculty serving in
   a) National committees b) International committees c) Editorial Boards d) any other (specify): - Six faculty member serving Editorial board and national committees in various capacity

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). - The newer appointees undergo teacher training programme and other faculty members regularly attend CMEs, Workshops, Training Programmes and Conferences.

28. Student projects
   ● percentage of students who have taken up in-house projects including inter-departmental projects - 1 to 2 %
   ● percentage of students doing projects in collaboration with other universities / industry / institute - Nil
29. Awards / recognitions received at the national and international level by
   Annexure - III
   • 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.
   Annexure - IV

31. Code of ethics for research followed by the departments: - Yes through
   institutional ethical committee

32. Student profile program-wise: - Pertains to College

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Selected Female</th>
<th>Pass percentage Male</th>
<th>Pass percentage Female</th>
</tr>
</thead>
</table>

33. Diversity of students - Pertains to College

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
</table>

   UG/PG Selection from all across country for Indian citizen

34. How many students have cleared Civil Services and Defense Services examinations,
   NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise: - NIL

35. Student progression:

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>As per the national and state entrance examination</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>DU Selection Committee</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td></td>
</tr>
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</table>

36. Diversity of staff:

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<tr>
<th>Percentage of faculty who are graduates</th>
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</thead>
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<td>of the same university</td>
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<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>
37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period: - Nil

38. Present details of departmental infrastructural facilities with regard to
a) Library: - Yes
b) Internet facilities for staff and students: - No
c) Total number of class rooms: - Two
d) Class rooms with ICT facility and ‘smart’ class rooms: - Two
e) Students’ laboratories: - Nil
f) Research laboratories: - Nil

39. List of doctoral, post-doctoral students and Research Associates- Nil
   a) from the host institution/university
   b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university: About 5 to 6 out of 12 per year

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology: - Nil

42. Does the department obtain feedback from
   a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? - Only informal feedback from faculty
   b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? - Nil
   c. alumni and employers on the programs offered and how does the department utilize the feedback? - Nil

43. List the distinguished alumni of the department (maximum 10):
   a) Dr Ashima Taneja, HOD, DMC, Ludhiana
   b) Dr Shagun Bansal (DM) genetic consultant in Hyderabad
   c) Dr Geeta Gupta, Consultant Maternity Hospital in Dubai
   d) Dr Abha Maheshwari, Consultant IVF in UK
   e) Dr Shilpa Kava, Assistant Prof. Karnataka
   f) Dr Monisha Gupta, Consultant, GCRI, Ahmedabad
   g) Dr Harsha Sharma, Consultant, Pennsylvinia, USA
   h) Dr Modesta Behlo, Specialist, Kohima, Nagaland
   i) Dr Narang Yam, Specialist, Arunachal Pradesh

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. -Department organizes conferences and CMEs regularly which are attained by PG students

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. - Lectures, Seminars, Journal club, Panel and Quiz

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? - Six monthly assessment
47. Highlight the participation of students and faculty in extension activities. - The faculty and the residents of Dept. work in various capacities in annual conferences (AOGD, NARCHI Delhi Branch etc.) & CMEs held by Dept.

48. Give details of “beyond syllabus scholarly activities” of the department: - Monthly community awareness programme held in last 2 years

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. - Pertains to College

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. - Dept. regularly contributes to newer research in basic and applied through PG thesis programme (6 to 12 per year)

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

**Major Strength**
1) Department has good teaching programme both UG & PG
2) Our department caters to 1/3rd of clinical load of the hospital and extensive clinical load leading to clinical and surgical skill development of resident’s doctors.
3) We are running National Community Programmes and Monthly Community Awareness Programme also.
4) Participation of the Dept. in holding state bodies like AOGD and NARCHI.
5) Unity and Harmony, good work culture and excellent teamwork.
6) MCH block infrastructure is good.

**Weakness**
1) Deficiency of manpower and logistics
2) Weak infrastructures
3) Documentation and data compilation
4) No separate antenatal OPD
5) No Promotions of APs & regularization of contractual doctors
6) Gynae office under staffed
7) Special equipment for advanced laparoscopic surgery

52. Future plans of the department.

1. Establishment of IVF centre & Fetal Medicine
2. Special antenatal clinics for high risk patients
### SPECIAL GRANTS/PROJECTS DURING THE YEAR 2010-11

<table>
<thead>
<tr>
<th>Principal Investigator</th>
<th>Title of the Project</th>
<th>Years</th>
<th>Funded by</th>
<th>Grant Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Anshul Grover</td>
<td>Comparison of LNG IUS &amp; Thermal Balloon Ablation in the management of DUB</td>
<td>3 years</td>
<td>CSIR</td>
<td>No specific grant apart from contingency and salary of the Research Associate</td>
</tr>
<tr>
<td>Dr AG Radhika</td>
<td>Effect of brief counselling for tobacco cessation on pregnant women using smokeless tobacco products in antenatal clinic in a tertiary hospital</td>
<td>1 year</td>
<td>WHO</td>
<td>Rs 3.62 lakhs</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>International Multicentric CORONIS Trial; The International CAESER Study; Cesarean section surgical techniques: A followup study</td>
<td>3 years</td>
<td>National Epidemiological Unit, Oxford UK</td>
<td>Central grant to AIIMS, centre co-ordinator in INDIA</td>
</tr>
<tr>
<td>Dr. Bindiya Gupta</td>
<td>Anterior vaginal wall prolapsed repair: A randomized controlled trial of two surgical techniques</td>
<td>3 years</td>
<td>CSIR</td>
<td>No specific grant apart from contingency and salary of the Research Associate</td>
</tr>
<tr>
<td>Principal Investigator</td>
<td>Title of the Project</td>
<td>Years</td>
<td>Funded by</td>
<td>Grant Rs.</td>
</tr>
<tr>
<td>--------------------------------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
<td>------------------------</td>
<td>-----------------------------------------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>Dr Shalini Rajaram,</td>
<td>“Double blind, Randomized controlled trial on role of micronized allylestrenol in pregnant women showing fetal growth restriction”</td>
<td>2012 – 2013</td>
<td>Walter Bushnell</td>
<td>Rs 13 lakhs</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>CORONIS Trial; The International CAESER Study-a followup study (2011-2014) Utility of BCG transport genes in human cervical squamous epithelial xenografts</td>
<td>(2011-2014)</td>
<td>NEU, Oxford, UK</td>
<td>Central grant to AIIMS</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>WHO- MCS- ICMR multicentric study on ‘Near Miss mortality in obstetrics’</td>
<td>Sep-Nov. 2011</td>
<td>ICMR</td>
<td>Rs. 1,51,577</td>
</tr>
<tr>
<td>Dr Alpana Singh</td>
<td>“Evaluation of the Effect of Antioxident Therapy on the markers of oxidative stress in seminal plasma of infertile male”</td>
<td>2012 (1 year)</td>
<td>Intra Mural Research Grant</td>
<td>Rs. 20,000</td>
</tr>
<tr>
<td>Name</td>
<td>Title</td>
<td>Duration</td>
<td>Funding Body</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------------------------------------------</td>
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<td>--------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Dr Deepti Choudhary</td>
<td>“Effect of Levonorgestrel-Infrauterine Device on Menorrhagia, Dysmenorrhoea and Uterine Volume in Adenomyosis: A Pilot Study in Indian Population”</td>
<td>2011-2013</td>
<td>CSIR (Under Scientist’s pool scheme)</td>
<td></td>
</tr>
<tr>
<td>Dr Sarika Gupta</td>
<td>“Prediction of failed labor induction in women with Bishop score ≤5 by pre-induction sonographic assessment of the cervix”</td>
<td>2011-2013</td>
<td>CSIR (Under Scientist’s pool scheme)</td>
<td></td>
</tr>
</tbody>
</table>

### 2014-15

<table>
<thead>
<tr>
<th>Name</th>
<th>Title</th>
<th>Duration</th>
<th>Funding Body</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Kiran Guleria</td>
<td>Co-investigator in “A Study on Gene-Environment interaction and high risk phenotypes in etiology of Preterm birth in North Indian population” (ICMR project in collaboration with Dept. of Biochemistry)</td>
<td>2011-2014</td>
<td>CORONIS Trial; The International CAESER Study-a followup study (2011-2014)</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>Co-investigator in ‘Gene-Environment interaction and high risk of epithelial ovarian cancer’ (collaboration with Dept. of Biochemistry),</td>
<td>2012-2015</td>
<td>ICMR</td>
</tr>
<tr>
<td>Dr Kiran Guleria</td>
<td>Co-investigator in ‘Causes, risk factors and outcome of maternal morbidity in East Delhi: population and hospital based study’ (ICMR project in collaboration with Dept. of Community Medicine)</td>
<td>2012 Dec.-2015</td>
<td>ICMR</td>
</tr>
<tr>
<td>Dr Bindiya Gupta</td>
<td>Co-investigator in “Expression profile of Nrf-2 and nqo1 genes in preeclampsia in comparison to normotensive pregnancy” in collaboration with department of biochemistry, 2015</td>
<td>ICMR</td>
<td></td>
</tr>
<tr>
<td>----------------</td>
<td>-------------------------------------------------------------------------------------------------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Dr Bindiya Gupta</td>
<td>Co-investigator in “Primary culture of epithelial ovarian cancer as a tool to detect resistance to chemotherapeutic agents: A pilot study (collaboration with Dept. of Biochemistry), 2015</td>
<td>DBT</td>
<td></td>
</tr>
</tbody>
</table>
### 2010-11

<table>
<thead>
<tr>
<th>CONFERENCE/CME HELD</th>
<th>DATES (From – TO) (Date-Month-Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre congress AOGD workshop on ‘Basic &amp; Advanced Techniques in Non-Descent Vaginal Hysterectomy’ held at UCMS &amp; GTB Hospital.</td>
<td>29-10-2010</td>
</tr>
</tbody>
</table>

### 2011-12

<table>
<thead>
<tr>
<th>CONFERENCE/CME HELD</th>
<th>DATES (From – TO) (Date-Month-Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre conference workshop on “Fetal Medicine: Basic Understanding Fetal Medicine/Birth Defect Module” under the aegis of AOGD in UCMS &amp; GTB Hospital, New Delhi,</td>
<td>23-09-2011</td>
</tr>
<tr>
<td>33rd Annual Conference of the Association of Obstetricians &amp; Gynecologists of Delhi (AOGD), New Delhi.</td>
<td>24th – 25th September 2011</td>
</tr>
<tr>
<td>AOGD Workshops 2012, ‘Improving Surgical Skills in Advanced Endoscopy and Gynecologic Oncology’ New Delhi.</td>
<td>25th February 2012</td>
</tr>
</tbody>
</table>

### 2012-13

<table>
<thead>
<tr>
<th>CONFERENCE/CME HELD</th>
<th>DATES (From – TO) (Date-Month-Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop on Basic and Advanced Techniques in Non-Descent Vaginal Hysterectomy in UCMS &amp; GTB Hospital, New Delhi</td>
<td>14-09-2012</td>
</tr>
</tbody>
</table>

### 2013-14

<table>
<thead>
<tr>
<th>CONFERENCE/CME HELD</th>
<th>DATES (From – TO) (Date-Month-Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop on Colposcopy and Management of Cervical lesions, 35th Annual Conference of AOGD, at UCMS &amp; GTB Hospital, New Delhi</td>
<td>19th September, 2013</td>
</tr>
<tr>
<td>Workshop of management protocol and legal issues in sexual assault</td>
<td>30th - 31st Oct. 2013</td>
</tr>
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</table>

### 2014-15

<table>
<thead>
<tr>
<th>CONFERENCE/CME HELD</th>
<th>DATES (From – TO) (Date-Month-Year)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21st Annual Conference of NARCHI, SCOPE Complex, New Delhi.</td>
<td>6th &amp; 7th September, 2014.</td>
</tr>
<tr>
<td>First young NARCHIAN CME on &quot;Standard Operating Procedures of Labor and Obstetric Emergencies&quot;</td>
<td>14th September 2015.</td>
</tr>
<tr>
<td>Monthly CME – On Community Awareness Programme</td>
<td>2nd Friday of every month</td>
</tr>
<tr>
<td>Under NARCHI</td>
<td></td>
</tr>
</tbody>
</table>
PUBLICATIONS OF FACULTY/RESIDENTS

1st July 2009 to 31th June 2010


Books

1st July 2010 to 31st June 2011

Books

1. Clinics in Obstetrics & Gynaecology: Questions & Answers
   Authors: Amita Suneja, Rashmi Malik; Editor: S. Sircar, Publisher: CBS publishers &
   Distributors Pvt. Ltd, Year: 2011
2. Advances in Obstetrics & Gynecology
   III, New Delhi, 2011
3. Arte Quirurgico en Gurgugia vaginal
   Editors: Goel N. Rajaram S, Spanish edition 2010, Amolca Venezuela

Chapters in Books


Paper Publications

Abstracts


1st July 2011 to 31st June 2012

Books

Chapters in Books


Paper Publications

Indexed

5. Guleria Kiran, Jain Shruti, Ahuja Sharmila, Vaid NB. Predictors of outcome in obstetric patients admitted to Intensiva Care Unit (ICU)- utility of SOFA score. Chest 2011; 140:332A
Non Indexed

1st July 2012 to 31th June 2013

Book

Chapters in Books

Paper Publications

Indexed
27. Singla A, Mehta S, Rajaram S. Tubercular cervicitis – a dilemma : report of three cases. Accepted for publication in JIMA
28. Singla A, Mehta S, Rajaram S. Behcet’s Disease in Pregnancy: A rare scenario. Accepted for publication in JIACM.

1st July 2013 to 31th June 2014

Book


Chapters in Books

Paper Publications

Indexed


2. Sharma S, Goel N, Madhu SV, Rajaram S. Serum elastin and 25 hydroxyvitamin D levels in women with pelvic organ prolapse. JIACM 2013; 14: 204-8


21. K Guleria (group member) Caesarean section surgical techniques (CORONIS): a fractional, factorial, unmasked, randomised controlled trial,


23. Manju Choudhary, Amita Suneja, Neelam B. Vaid, Kiran Guleria, MMA Faridi. Maintenance tocolysis with oral micronized progesterone for prevention of preterm birth after arrested preterm labor. Accepted for publication in *int J OBSTET GYNECOL*.

24. Reviewer’s mini commentary on surgical management of placenta accrete: To leave or remove the placenta? Accepted for publication in *BJOG*


34. Nilanchali Singh, Reva Tripathi, YM Mala, Shakun Tyagi, Divya Verma. Undiagnosed hypothyroidism in pregnancy leading to myxedema coma in labor: Diagnosing and managing this rare emergency. *Case Reports in Obstetrics and Gynaecology*. 2013

35. Nilanchali Singh, Reva Tripathi, YM Mala, Shakun Tyagi, Namita Jain. Massive spontaneous intraperitoneal hemorrhage in a young female with Chronic Immune Thrombocytopenic Purpura masquerading ruptured ovarian cyst: Successful non-surgical management of this rare catastrophic event. *Journal of paediatric emergency*. 8


41. “Acute gynaecological emergency caused by rupture dermoid’ has been accepted for publication and will be published in Volume 3/ Issue 18/ May 5, 2013. (Accepted in index journal)

1st July 2013 to 31st June 2014

Paper Publications


Abstract Publication-
3. Abstract of video presentation “Thermal Balloon Endometrial Ablation in Myoma Induced Menorrhagia” at 21st Annual Conference of NARCHI, Delhi, Sept. 2014.
4. Abstract of Standard Operating Procedures on “tolac – Trial of Labor After Cesarean Section published in CME Manual at 1st Young NARCHIAN's CME held at UCMS & GTB Hospital, Delhi, Feb. 2015.
7. Abstract of video presentation “Thermal Balloon Endometrial Ablation in Myoma Induced Menorrhagia” at 21st Annual Conference of NARCHI, Delhi, Sept. 2014.
8. Abstract of Standard Operating Procedures on “tolac – Trial of Labor After Cesarean Section published in CME Manual at 1st Young NARCHIAN's CME held at UCMS & GTB Hospital, Delhi, Feb. 2015.

Chapter in Book


Book Published

Menopause: Editors Neerja Goel, Bindiya Gupta first edition April 2014 by JP publishers
### 2010-11

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
<th>DATE RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Guleria Kiran</td>
<td>FOGSI-Corion award –Senior category for the best Scientific research work in Obstetrics &amp; Gynecology for year 2010 by Federation of Obstetricians &amp; Gynecologists of India (FOGSI) at 54th AICOG in Hyderabad</td>
<td>9th Jan, 2011</td>
</tr>
<tr>
<td></td>
<td>‘Award of Honour’ by Himachal Pradesh Society of Obs &amp; Gyne, (HIMGYNAECON) Una, Himachal Pradesh</td>
<td>20th Nov, 2010</td>
</tr>
</tbody>
</table>

### 2011-12

<table>
<thead>
<tr>
<th>Name of Students/Residents</th>
<th>Name of Award &amp; Title of project</th>
<th>Name of authors &amp; co-authors</th>
<th>Date</th>
</tr>
</thead>
</table>
| Dr Geetika Goel           | Dr Neera Agarwal-Gold Medal for theme topic ‘High Risk Pregnancy’ at 33rd Annual AOGD Conference New Delhi, 24-25 sept, 2011  
<table>
<thead>
<tr>
<th>Name</th>
<th>Award/ Recognition</th>
<th>Title and Details</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Garima Yadav</td>
<td>Gold Medal in AOGD</td>
<td>‘Evaluation of Nerve Fibres in Eutopic Endometrium as the Potential Diagnostic Marker for Endometriosis'</td>
<td>24&lt;sup&gt;th&lt;/sup&gt; – 25&lt;sup&gt;th&lt;/sup&gt; September 2011,</td>
</tr>
<tr>
<td></td>
<td>Best Clinical Research Paper Award in Indian Fertility Society</td>
<td>‘Evaluation of Nerve Fibres in Eutopic Endometrium as the Potential Diagnostic Marker for Endometriosis'</td>
<td>18&lt;sup&gt;th&lt;/sup&gt; Dec. 2011</td>
</tr>
<tr>
<td>Dr Shilpa Kava</td>
<td>2&lt;sup&gt;nd&lt;/sup&gt; Prize.</td>
<td>Evaluation of p16INK4a as a biomarker in Cervical Intraepithelial Neoplasia. Annual Conference of Asia Oceania research</td>
<td>5&lt;sup&gt;th&lt;/sup&gt;-6&lt;sup&gt;th&lt;/sup&gt; November 2011</td>
</tr>
<tr>
<td>Name of Students/Residents</td>
<td>Name of Award &amp; Title of project</td>
<td>Name of authors &amp; co-authors</td>
<td>Date</td>
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<tr>
<td>organization on Genital Infections &amp; Neoplasia AOGIN, India</td>
<td>Silver Medal in AOGD Evaluation of p16INK4a as a biomarker in Cervical Intraepithelial Neoplasia.</td>
<td>Rajaram S, Arora VK, Goel N, Gupta S.</td>
<td>September 2011</td>
</tr>
<tr>
<td>Dr Divya Pandey</td>
<td>Silver Medal Catheterisation in Cesarean section- Time to retire it! 33rd Annual Conference of the Association of Obstetricians &amp; Gynecologists of Delhi</td>
<td>Mehta S, Rajaram S, Rathi B, Goel N.</td>
<td>24th – 25th September 2011</td>
</tr>
<tr>
<td>Dr Latika Phogat</td>
<td>Silver Medal (Poster) Trends in peripartum hysterectomy: A 5 year review. 33rd Annual Conference of the AOGD, Delhi</td>
<td>Mehta S, Rajaram S, Rathi B, Goel N</td>
<td>24th – 25th September 2011</td>
</tr>
</tbody>
</table>

2012-13
<table>
<thead>
<tr>
<th>Name of Students/Residents</th>
<th>Name of Award &amp; Title of project</th>
<th>Name of authors &amp; co-authors</th>
<th>Date</th>
</tr>
</thead>
</table>
### 2014-15

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
<th>RECEIVED</th>
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</thead>
<tbody>
<tr>
<td>Bansal Megha (Guide-Dr Neerja Goel):</td>
<td>RD PANDIT FOGSI award</td>
<td>Jan 2015</td>
</tr>
<tr>
<td>Gupta Anu (Guide Dr Shalini Rajaram, Free Communication Miscellaneous)</td>
<td>Comparison of or meloxifene and oral contraceptive pills in management of heavy menstrual bleeding</td>
<td>5th &amp; 6th September 2014</td>
</tr>
<tr>
<td>Majumdar Darshna (Guide – Dr Kiran Guleria)</td>
<td>Gold medal for best research paper award “Organochlorine Pesticides And Gene Expression In Epithelial Ovarian Cancer”</td>
<td>24-25th Oct. 2014</td>
</tr>
<tr>
<td></td>
<td>1st Prize oral paper presentation of &quot;Evaluation of dehydroepiandrosterone supplementation on diminished ovarian reserve&quot; at 21st Annual Conference NARCHI, New Delhi,</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Award/Prize Description</td>
<td>Date</td>
</tr>
<tr>
<td>-----------------------------</td>
<td>----------------------------------------------------------------------------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>Radhakrishnan Gita</td>
<td>FOGSI CORION Award Senior Category</td>
<td>Jan 2015</td>
</tr>
<tr>
<td>Rajaram Shalini</td>
<td>Awarded Fellowship of National Academy of Medical Sciences</td>
<td>18th October 2014.</td>
</tr>
<tr>
<td>Sharma Richa</td>
<td>3rd Prize- paper presentation &quot;PRETERM PREMATURE RUPTURE OF MEMBRANES AND ASCORBIC ACID LEVELS&quot; AT Noth Zone Yuva FOGSI CONFERENCE Best Case report PRIZE – e poster ‘PARANEOPLASTIC CEREBELLAR DEGENERATION A – RARE COMPLICATION OF OVARIAN MALIGNANCY” at 21st Annual Conference NARCHI Delhi branch</td>
<td>11 – 13th APRIL 2014 6-7th sept 2014</td>
</tr>
<tr>
<td>Shikha (Guide: Dr Amita Suneja)</td>
<td>Bronze Medal for medal &quot;comparison of Inj.ferric Carboxymaltose</td>
<td>24-25th Oct. 2014</td>
</tr>
<tr>
<td>Singh Anju (Guide-Dr Kiran Guleria):</td>
<td>RD PANDIT FOGSI award</td>
<td>Jan 2015</td>
</tr>
<tr>
<td>Singh Anju (Guide-Dr Kiran Guleria):</td>
<td>Theme Prizes (Indrani Ganguly Award) for Evaluation of Maternal Early Obstetric Warning System MEOWS as a predictor of obstetric morbidity: A prospective observational study' in 21st Annual Conference, (NARCHI ) Delhi Branch</td>
<td>5th &amp; 6th September 2014</td>
</tr>
<tr>
<td>Dr Mittal P (Guide – Dr Himsweta Srivastava)</td>
<td>Thesis paper on “Vit. D Supplementation in pregnancy and maternal and neonatal outcomes: A Double Blind Randomised Controlled Trial.” won Indrani Ganguly Award Theme Prize ( First Prize) at</td>
<td>5th &amp; 6th September 2014</td>
</tr>
</tbody>
</table>
21st Annual Conference of NARCHI, Delhi, Sept. 2014.
1. Name of the Department: Ophthalmology

2. Year of establishment: 1986

3. Is the Department part of a School/Faculty of the university? Faculty of the university and also from Central health service

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
   a. MBBS
   b. MS in ophthalmology

5. Interdisciplinary programmes and departments involved
   Departments teaching All the subjects of MBBS

6. Courses in collaboration with other universities, industries, foreign institutions, etc. None

7. Details of programmes discontinued, if any, with reasons: NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Semester an Annual

9. Participation of the department in the courses offered by other departments Yes

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>one</td>
<td>one</td>
<td>Three plus two from CHS</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>TWO</td>
<td>Downgraded to lecturer: vacant</td>
<td>None</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>2</td>
<td>2</td>
<td>2 [now promoted to prof. in CAS]</td>
</tr>
<tr>
<td>Others</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Dr. V.P. Gupta</td>
<td>MBBS; MD[AIIMS]; DNB</td>
<td>Professor and HOD</td>
<td>Ophthalmology</td>
<td>35 Years</td>
<td>2 Ph.D as co supervisor</td>
</tr>
<tr>
<td>2. Dr. Jolly Rohatgi</td>
<td>MBBS; MS</td>
<td>Professor</td>
<td>Ophthalmology</td>
<td>30 years</td>
<td>MS in ophthalmology:3</td>
</tr>
<tr>
<td>3. Dr. Upreet Dhaliwal</td>
<td>MBBS; MS</td>
<td>Professor</td>
<td>Ophthalmology</td>
<td>27 years</td>
<td>MS in ophthalmology:3</td>
</tr>
<tr>
<td>4. Dr. G.K. Das</td>
<td>MBBS; MD; DNB</td>
<td>Professor</td>
<td>Ophthalmology</td>
<td>26 years</td>
<td>MS in ophthalmology:3</td>
</tr>
<tr>
<td>5. Dr. P.K. Sahu</td>
<td>MBBS; MD; FRCS</td>
<td>Professor</td>
<td>Ophthalmology</td>
<td>20 YEARS</td>
<td>MS in ophthalmology:2</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
   Senior Visiting Fellows: None
   Adjunct faculty: None
   Emeritus professors: None

13. Percentage of classes taken by temporary faculty – programme-wise information: None

14. Programme-wise Student Teacher Ratio
   Five teachers for 150 MBBS
   1:1 for MS in ophthalmology

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual
   Academic support staff (technical) optometrist
Sanctioned: 3
Filled: 3
Actual: 3
Administrative staff: sanctioned, filled and actual: Steno
Sanctioned: 1
Filled: 1
Actual: 1

16. Research thrust areas as recognized by major funding agencies: no research under funding agency

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. Not applicable
   a) National
      Names of the funding agencies
      Project title
      Grants received project-wise
   b) International funding agencies: Not applicable
      Names of the funding agencies
      Project title
      Grants received project-wise.
   c) Total grants received: none

18. Inter-institutional collaborative projects and associated grants received: none
   a) National collaboration associated grants received
   b) International collaboration associated grants received

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.: total grants received. None
   DST-FIST - none
   UGC-SAP/CAS - none
   DPE - none
   DBT - none
   ICSSR - none
   AICTE - none
   Total grants received – none

20. Research facility / centre with
   • State recognition - none in ophthalmology
   • National recognition - none in ophthalmology
   • International recognition - none in ophthalmology

21. Special research laboratories sponsored by / created by industry or corporate bodies - none in ophthalmology
22. Publications: ANNEXURE
   * Number of papers published in peer reviewed journals (national /international)
   * 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.)- 104 Total
   * Citation Index – range / average-0-446 / Average 56
   * SNIP
   * SJR
   * Impact Factor – range / average: 0.914 – 0.927
   * h-index-13

23. Details of patents and income generated: none

24. Areas of consultancy and income generated: none

25. Faculty selected nationally / internationally to visit other laboratories / institutions/ industries in India and abroad: none

26. Faculty serving in
   a) National committees - none
   b) International committees - none
   c) Editorial Boards - none
   d) any other – none

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs). National conference of AIOS and Delhi ophthalmological society conference; OPAI conference2014

28. Student projects
   • Percentage of students who have done in-house projects including inter-departmental projects: none in ophthalmology in last one year
   • Percentage of students doing projects in collaboration with other universities / industry / institute- none in ophthalmology in last one year

29. Awards / recognitions received at the national and international level by
   • Faculty: none in ophthalmology in last one year
   • Doctoral / post doctoral fellows: none in ophthalmology in last one year
   • Students: none in ophthalmology in last one year
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any. none in ophthalmology in last one year

31. Code of ethics for research followed by the departments: yes

32. Student profile programme-wise: not applicable, it is a 7th sem subject, they get degree after 2 years of passing ophthalmology in MBBS

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Female</td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBBS</td>
<td>NA-it is an UG course</td>
<td>NA-it is an UG course</td>
<td>NA-it is an UG course</td>
<td>NA-it is an UG course</td>
</tr>
<tr>
<td>MS</td>
<td>2014-66% 2013-50%</td>
<td>2014-0% 2013-0%</td>
<td>2014-33% 2013-50%</td>
<td>2014-0% 2013-0%</td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. None after MS in Ophthalmology
35. Student progression: not applicable

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>As per national and state examination</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td>DU selection committee</td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>Nil</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>20%[ 1 out of 5]</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>Nil</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>80%</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>Nil</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period: none in ophthalmology
   - M.Phil.- none in ophthalmology
   - Ph.D.- none in ophthalmology
   - D.Sc. - none in ophthalmology
   - D.Litt.- none in ophthalmology

38. Present details of departmental infrastructural facilities with regard to
   a) Library: yes more than 80 books
   b) Internet facilities for staff and students: Yes for faculty only
   c) Total number of class rooms: 1 seminar room
   d) Class rooms with ICT facility: nil
   e) Students’ laboratories nil
   f) Research laboratories- nil in ophthalmology deptt

a) from the host institution/university – nil in Op Ophthalmology deptt.
b) from other institutions/universities - nil in ophthalmology deptt

39. Number of post graduate students getting financial assistance from the university.- nil in ophthalmology deptt except salary

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology.- nil in ophthalmology deptt

41. Does the department obtain feedback from faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? yes

students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? Yes

alumni and employers on the programmes offered and how does the department utilize the feedback? Not applicable

42. List the distinguished alumni of the department (maximum 10): nil in ophthalmology deptt in last one year

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

Special lectures – through AIOS and Delhi ophthalmological societies DOST Programmes

Workshops - through AIOS and Delhi ophthalmological societies DOST Programmes

Seminar through AIOS and Delhi ophthalmological societies DOST Programmes

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

Didactic lectures, seminars, journal clubs, case discussions, grand rounds, clinicopathological case conferences, clinical meetings etc.

45. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? Feedback and periodical evaluation

46. Highlight the participation of students and faculty in extension activities. Not applicable for ophthalmology

47. Give details of “beyond syllabus scholarly activities” of the department. Paper/ poster presentation/ quiz in ophthalmic conferences

48. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. Not Yet
49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   Evolved new operation techniques.

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


   Weaknesses: Inadequate support to eradicate posterior segment blindness; did not get opportunity to improve skills through fellowships / training abroad / in India; inadequate faculty and senior residents.

   Opportunities: we have large clinical material for teaching UG/PGs.
   Challenges: to work with limited resources including staff.

51. Future plans of the department. To establish an advanced state of art eye centre in G.T.B. Hospital, Delhi.
ANNEXURE

Department ophthalmology

PROF. V.P.GUPTA: list of publications: YEAR 2013-2014

Cited by 0; Impact factor- 0.914

Cited by 0; Impact factor-0.927

Cited by 0; Impact factor- 0.914

Cited by 0; Impact factor-0.927

Cited by 0; Impact factor-0.927

Prof. Jolly Rohatgi: publication

Cited by 0; Impact factor-0.927

Cited by 0; Impact factor-1.256

Cited by 0; Impact factor-0.927

Dr Upreet Dhaliwal: publications:

16. Cited by 0; Impact factor-

*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.)- **104 Total**
*Citation Index – range / average-0-446 / Average 56
*SNIP
*SJR
*Impact Factor – range / average: 0.914 – 0.927
*h-index-13
Orthopaedics

Department of Orthopaedics

1. Name of the Department: Orthopaedics

2. Year of establishment: 1987

3. Is the Department part of a college/Faculty of the university:
   Yes. Part of University College of Medical Sciences; Delhi University.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)
   Undergraduate (MBBS) and postgraduate (MS Orthopaedics) courses.

5. Interdisciplinary programmes and departments involved
   Departmental Clinico Pathological meetings held once in a month involving the Orthopaedics, Pathology and Radiology departments

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   None

7. Details of programmes discontinued, if any, with reasons
   NA

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   MBBS: Semester system
   MS: Annual summative examination at end of 3 years.

9. Participation of the department in the courses offered by other departments:
   None

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>GTBH UCMS</td>
<td>GTBH UCMS</td>
</tr>
<tr>
<td><strong>Professor</strong></td>
<td>3 2</td>
<td>3 1</td>
</tr>
<tr>
<td><strong>Associate Professors</strong></td>
<td>- 1</td>
<td>- 3</td>
</tr>
<tr>
<td><strong>Asst. Professors</strong></td>
<td>- 3</td>
<td>-</td>
</tr>
<tr>
<td><strong>Others (Senior Residents)</strong></td>
<td>12 02</td>
<td>12 02</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th></th>
<th>Actual (including CAS &amp; MPS):</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Professor</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Associate Professors</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Asst. Professors</strong></td>
<td>-</td>
</tr>
<tr>
<td><strong>Others (Senior Residents)</strong></td>
<td>14</td>
</tr>
</tbody>
</table>

273
11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>S. No</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>1)</td>
<td>Dr. A.K. Jain</td>
<td>MS, MAMS, FAMS, FRCS, (Eng)</td>
<td>Professor</td>
<td>Orthopaedics</td>
<td>31</td>
</tr>
<tr>
<td>2)</td>
<td>Dr. Aditya N Aggarwal</td>
<td>M.S. Ortho: DNB(Ortho)</td>
<td>Assoc. Prof.</td>
<td>Orthopaedics</td>
<td>19 ½</td>
</tr>
<tr>
<td>3)</td>
<td>Dr. Manish Chadha</td>
<td>M.S. Ortho</td>
<td>Assoc. Prof.</td>
<td>Orthopaedics</td>
<td>19 ½</td>
</tr>
<tr>
<td>4)</td>
<td>Dr. Rehan-Ul-Haq</td>
<td>M.S. Ortho, MAMS</td>
<td>Assoc. Prof.</td>
<td>Orthopaedics</td>
<td>15</td>
</tr>
<tr>
<td></td>
<td><strong>CHS CADRE</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5)</td>
<td>Dr. M.P. Singh</td>
<td>M.S. Ortho</td>
<td>Professor</td>
<td>Orthopaedics</td>
<td>32</td>
</tr>
<tr>
<td>6)</td>
<td>Dr. Amite Pankaj</td>
<td>M.S. Ortho: DNB, MRCS Ed.</td>
<td>Professor</td>
<td>Orthopaedics</td>
<td>16</td>
</tr>
<tr>
<td>7)</td>
<td>Dr. Puneet Mishra</td>
<td>M.S. Ortho</td>
<td>Professor</td>
<td>Orthopaedics</td>
<td>17</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None

13. Percentage of classes taken by temporary faculty – programme-wise information: None

14. Programme-wise Student Teacher Ratio:
   In postgraduate MS programme conducted by the department: 9 students each year and 7 recognized teachers.

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual:
   a) Academic support staff – 1
   b) Administrative staff (actual) - None

16. Research thrust areas as recognized by major funding agencies: None
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. None

18. Inter-institutional collaborative projects and associated grants received: None

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: None

20. Research facility / centre with:
   - state recognition
   - national recognition
   - international recognition
   None

21. Special research laboratories sponsored by / created by industry or corporate bodies:
   None

22. Publications: Annexure 1
   * Number of papers published in peer reviewed journals (national/international)
   * Monographs
   * Chapters in Books
   * Edited Books
   * Books with ISBN with details of publishers
   * 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.
   * Impact Factor – range / average – R: 2.882 – 0.624
   * h-index

<table>
<thead>
<tr>
<th>Name</th>
<th>Numbers of papers (indexed) 2009-2014 (July)</th>
<th>Book Chapters</th>
<th>Books edited</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sudhir Kumar</td>
<td>1</td>
<td>5</td>
<td>1</td>
</tr>
<tr>
<td>Dr. AK Jain</td>
<td>48</td>
<td>20</td>
<td>3 (1 in process)</td>
</tr>
</tbody>
</table>
23. Details of patents and income generated:
None

24. Areas of consultancy and income generated:
None

25. Faculty selected nationally /internationally to visit other laboratories/institutions/industries in India and abroad:
Prof A.K. Jain is a visiting professor in Tamil Nadu, DR. MGR Medical University

26. Faculty serving in:
   a) National committees b) International committees c) Editorial Boards d) any other (please specify)

<table>
<thead>
<tr>
<th>NAME</th>
<th>DISTINCTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. I K Dhammi</td>
<td>Associate Editor Indian Journal of Orthopaedics</td>
</tr>
<tr>
<td>Dr. Rehan Ul Haq</td>
<td>Assistant Editor Indian Journal of Orthopaedics</td>
</tr>
<tr>
<td></td>
<td>Team leader bone &amp; joint in Indian extrapulmonary TB guidelines under Aegis of MOHFW govt. of India 2015</td>
</tr>
<tr>
<td></td>
<td>President, Indian Orthopaedic Association 2014</td>
</tr>
<tr>
<td></td>
<td>Secretary General, World Orthopedic Consult 2015</td>
</tr>
<tr>
<td>DR. Puneet Mishra</td>
<td>Associate Editor , Journal of Clinical Orthopaedics AND Trauma, Elsevier; Indexed in Pubmed.</td>
</tr>
<tr>
<td>Dr. Amite Pankaj</td>
<td>Deputy Editor, Journal of Arthroscopy and Joint Surgery (JAJS)</td>
</tr>
</tbody>
</table>

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs).
All faculty member attend conferences/workshops/training programmes related to the speciality regularly.
Orthopaedics

Workshops/training programmes regarding Medical Education/Teachers training conducted by Medical Education Unit (MEU) – Dr. Rehan is a MEU Faculty

28. Student projects
   • percentage of students who have done in-house projects including inter-departmental projects: Information available with Academic Session of University College of Medical Sciences.
   • percentage of students doing projects in collaboration with other universities / industry / institute: None

29. Awards / recognitions received at the national and international level by
   • Faculty

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. A.K. Jain</td>
<td>1. Delivered President lecture on “Minimum (optimum) standard of orthopedic care for all: An achievable target” - IOACON 2014 at Hyderabad</td>
</tr>
<tr>
<td></td>
<td>2. Delivered President lecture at annual conference of Indian Orthopaedic society at London (UK)</td>
</tr>
<tr>
<td></td>
<td>3. Represented India at Third FFN Global Conference on fragility fracture at Madrid, Spain. Delivered talk on fragility fracture – Indian perspective</td>
</tr>
<tr>
<td></td>
<td>4. Plenary lecture in IOA 2011</td>
</tr>
<tr>
<td></td>
<td>5. ASSI Publication Award for 2011</td>
</tr>
<tr>
<td></td>
<td>7. Past president oration of Delhi orthopaedic Association Jan 2009</td>
</tr>
<tr>
<td></td>
<td>8. DR B Mukhopadhyay oration of Bihar Orthopaedic Association Mar 2009</td>
</tr>
<tr>
<td></td>
<td>9. Dr O P Sharma oration of MP chapter IOA Oct 2009</td>
</tr>
<tr>
<td></td>
<td>10. Best publication award of Delhi Orthopaedic Association 2007</td>
</tr>
<tr>
<td></td>
<td>11. Dr PK Duraswami oration of North Zone Indian orthopaedic association 2006</td>
</tr>
<tr>
<td></td>
<td>12. Best Oral Presentation award of XXIII Sicot/Sirot World Congress at Istanbul Turkey 2-9 sept 2005 title of the talk” Tuberculous paraplegia - Correlation of clinical course with cord changes on MRI.</td>
</tr>
<tr>
<td></td>
<td>13. Best poster Presentation award of XXIII Sicot/Sirot World Congress at Istanbul Turkey 2-9 Sept 2005</td>
</tr>
<tr>
<td></td>
<td>14. Best Publication Paper award of Association of spine surgeons on India for the year 2005</td>
</tr>
<tr>
<td></td>
<td>16. Dr. Anil Gupta memorial lecture of UP Chapter IOACON 2004</td>
</tr>
<tr>
<td></td>
<td>17. Dr. Anil Gupta memorial lecture of UP Chapter IOACON 2004</td>
</tr>
<tr>
<td></td>
<td>18. WOC-Sicot scholarship to attend sicot-sirot at San-Diego 23-</td>
</tr>
</tbody>
</table>

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<table>
<thead>
<tr>
<th>Orthopaedics</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 Aug 2002</td>
</tr>
<tr>
<td>19. AO fellowship to University Hospital Zurich Switzerland and Queen Medical centre Nottingham UK 6 march-27 April 2001.</td>
</tr>
<tr>
<td>20. INOR foreign fellowship IOA 1999 to attend BOA Annual conference.</td>
</tr>
<tr>
<td>27. Johnson &amp; Johnson and Roaf Traveling Fellowship of Indian Orthopaedic Association for year 1991.</td>
</tr>
</tbody>
</table>

### Dr. M.P Singh

1. Awarded WHO fellowship in Total Joint Replacement in Year 1997 at Philadelphia and Boston, USA
2. Organising chairman of National Nepal orthopedic association at Dharan. Year 2006
3. Ex-editor in chief. Health Rennaissance online journal of BPKIHS Dharan, Nepal
4. Ex-HOD, B.P. Koirala Institute of Health Sciences, Dharan, Nepal Year 2005-09

### Dr. IK Dhammi

3. CERTIFICATE OF APPRECIATION” given on Doctor’s Day (1st July 2011) for the distinguished services to GTB Hospital and UCMS, Delhi.
4. SPECIAL RECOGNITION AWARD 2014 for working with Indian Journal of Orthopaedics as Associate Editor, given during IOACON 2014 at Hyderabad.

### Dr. Manish Chadha

5. Awarded the Asia Pacific Spine Society(APSS) travelling fellowship for the year 2014 at multiple centers at Malaysia, Taiwan and Japan from Oct 2014 to November 2014.
6. Awarded the Commonwealth Academic Staff Fellowship at the ROBERT JONES AND AGNES HUNT ORTHOPAEDIC NHS TRUST HOSPITAL, SHROPSHIRE, OSWESTRY from 25th November 2012 to 24th May 2013.
<table>
<thead>
<tr>
<th>No.</th>
<th>Award</th>
</tr>
</thead>
<tbody>
<tr>
<td>7.</td>
<td>Awarded the Young Ambassador’s award of the APOA at the Golden Jubilee Congress of the Asia Pacific Orthopaedic Association held at Delhi in October 2012.</td>
</tr>
<tr>
<td>9.</td>
<td>Awarded the North American Spine Society (NASS) Clinical Traveling Fellowship 2010 for 3 months at various centers at USA.</td>
</tr>
<tr>
<td>13.</td>
<td>Awarded the Tohoku University visiting fellowship (Prof. S. Kokubun Spine Fellow) for the year 2007-08 in May 2008.</td>
</tr>
<tr>
<td>17.</td>
<td>Recipient of the Scoliosis Research Society Global Outreach Program Scholarship for the year 2006 at Monterey, California, USA.</td>
</tr>
<tr>
<td>18.</td>
<td>Recipient of the Scoliosis Research Society Global Outreach Program Scholarship for the year 2005 at Miami, Florida, USA.</td>
</tr>
<tr>
<td>19.</td>
<td>Recipient of the SICOT BH Ahn Award of Korea at Istanbul, Turkey for the year 2005.</td>
</tr>
<tr>
<td>20.</td>
<td>Visiting Surgeons Programme (Clinical Fellowship) in Spine at the Schulthess Clinic, Zurich, Switzerland with Prof. Dieter Grob in July 2004.</td>
</tr>
</tbody>
</table>
| Dr. Aditya Aggarwal | 1. Awarded the Commonwealth Academic Staff Fellowship at Royal Liverpool University Hospital, U.K., 2011  
2. Organizing Secretary of Workshop on the Principles and Practice of Orthopaedic Research and Publication, UCMS & GTB Hospital, Delhi 2010  
3. Organizing Secretary of Workshop on Principles and Practices of Orthopaedic Research, UCMS &GTB Hospital, Delhi 2008  
|---|---|
| Dr. Amite Pankaj | 1. Clinical Observership at King’s Hospital London, Adenbrookes Hospital, Cambridge, NHS Hospital Norvich, Reading Shoulder Unit, Reading; United Kingdom 2011  
2. Recipient of Indo-British Travelling Fellowship Award of Indian Orthopedics Society UK, 2011  
3. Recipient of Indian Orthopedic Association-Australian Orthopedic Association Fellowship Award 2011  
4. Travelling Fellowship Award New Zealand Orthopedic Association November 2011  
5. Clinical Observership Program in Shoulder Surgery at San Antonio Clinic, Texas, USA under Dr. Stephen Burkhart, January 2010  
7. Johnson and Johnson Travelling Fellowship Award of Indian Orthopedic Association 2008  
8. KT Dholakia Award for Best Research in Arthroplasty 2007  
9. International Travel Award of Australian Pain Society March 2004  
| Dr. Puneet Mishra | 1. Endoklinik Fellowship Certification for completing fellowship in Adult Complex Primary and Revision total Joint Arthroplasty of Hip And Knee at Endoklinik,Hamburg, Germany, Dec 2012  
2. Synos Foundation (Foundation for the advancement of Orthopaedic Surgery) Fellowship Certification for completing fellowship in Hip & Pelvis Reconstruction under Prof. Ganz, Inselspital, Bern, Switzerland, May 2004 |
| Dr. Rehan Ul Haq | 1. Best poster award for “Management of Late Presenting Displaced ICNF by Osteosynthesis and anterior muscle pedicle bone grafting” at the Annual Conference of IOS UK at Birmingham UK 2011.  
Orthopaedics

| 3. Best paper award for “Management of Late Presenting Displaced ICNF by osteosynthesis and anterior muscle pedicle bone grafting” at the Annual Conference MPIOCON 2010 at Khajuraho. |

- Students in last academic year

<table>
<thead>
<tr>
<th>NAME (In alphabetical order of last name)</th>
<th>AWARD</th>
<th>DATE RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any: None

31. Code of ethics for research followed by the departments: All clinical research is followed as per the internationally accepted Code of Ethics for Human Research stated in the Declaration of Helsinki. Further, all clinical research is conducted after approval of the Institutional Ethical Committee.

32. Student profile programme-wise: Admission process for the MS programme run by the department is conducted by the Delhi University as per their laid rules and regulations. No such information regarding applicant details as these are available with individual departments.

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Selected Female</th>
<th>Pass Male</th>
<th>Pass Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students. Admission process for the MS programme run by the department is conducted by the Delhi University as per their laid rules and regulations. No such information regarding applicant details as these are available with individual departments.

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>All courses</td>
<td>Selection from all across country for Indian citizens</td>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations,
Orthopaedics

NET, SET, GATE and other competitive examinations? Give details category-wise. No such information is available with the department of Orthopaedics

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>Not applicable</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td></td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>3/7 (43%)</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>1/7 (14%)</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>3/7 (43%)</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>None</td>
</tr>
</tbody>
</table>

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: Present
   b) Internet facilities for staff and students: Present
   c) Total number of class rooms: Departmental seminar room with capacity to hold 50 students.
Orthopaedics

d) Class rooms with ICT facility and “smart” class rooms: None

e) Students’ laboratories: None

f) Research laboratories: NA

39. List of doctoral, post-doctoral students and Research Associates: None

a) from the host institution/university:

b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university: Information pertains to Academic Section (UCMS). No such information available in Department of Orthopaedics.

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: Feedback is obtained informally.

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):
   1. Prof. SM Tuli
   2. Prof. Sudhir Kumar
   3. Dr. Aditya Aggarwal
   4. Dr. Anil Sethi
   5. Dr. Aditya Maheshwari

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

   Mr. E. Kamara from Harvard University, USA did visiting studentship in 2011 with financial support from Public Health Foundation of India

45. List the teaching methods adopted by the faculty for different programmes
Orthopaedics
including clinical teaching.
   1. Lectures/Didactic sessions
   2. Small group interactive discussions
   3. Problem based learning
   4. Patient case oriented teaching in operation theatres
   5. Clinical rounds in wards.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
Directions from academic section are strictly followed.

47. Highlight the participation of students and faculty in extension activities.
   2. Organised Locomotor disability camp on quarterly basis.
   3. Part of surgical camps on Lifeline express.
   4. Organised Rehabilitation camp with National Thermal Power Corporation (NTPC).

48. Give details of “beyond syllabus scholarly activities” of the department. None

49. State whether the department is accredited by other agencies? MCI Recognised

50. Briefly highlight contributions of the department in generating new knowledge, basic or applied.
Through research papers & projects as evident by publications.

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

<table>
<thead>
<tr>
<th>Strengths</th>
<th>Weaknesses</th>
<th>Opportunities</th>
<th>Challenges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Qualified and experienced faculty</td>
<td>Lack of super-specialized departments.</td>
<td>Expansion to build super-specialized departments.</td>
<td>Budget allocation; space constraint; bureaucracy; inability to drive “duty first” attitude.</td>
</tr>
<tr>
<td>Trainees are adult learners, motivated.</td>
<td>Inadequate advanced equipments to enhance skills.</td>
<td>Attract funds for research</td>
<td></td>
</tr>
<tr>
<td>Good interpersonal relationships</td>
<td>Lack of dedicated in-department academic time for faculty; academic block; online access to wide range of academic material.</td>
<td>Alloting dedicated academic time/hours to faculty. Building academic block with shared resources for all departments such</td>
<td></td>
</tr>
<tr>
<td>Orthopaedics</td>
<td>as teaching aids etc...</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Adequate Clinical material</td>
<td>Lack of electronic centralized health information system.</td>
<td>Building up a HIS to also improve transparency in clinical outcomes.</td>
<td></td>
</tr>
<tr>
<td>Wide variation in patient presentation/good opportunities for trainee-patient interactions</td>
<td>Lack of consistent availability of essential medications/equipments; lack of in-house. biomedical engineers for faster maintenance of equipment.</td>
<td>Building of a biomedical engineering wing for in-house maintenance of equipment.</td>
<td></td>
</tr>
</tbody>
</table>
INDEXED JOURNALS


5. Dhammi IK, Kumar S. Medical subject headings (MeSH) terms. Indian J Orthop. 2014;48:443-4. Cited by 0; Impact factor- 0.624


7. Jain S, Jain AK, Dhammi IK, Modi P. Neglected Patellar Tendon Rupture Treated by Trans-Osseous Encirclage Wire and Turn-O-Flap: Case Report. JOCR 2014;4:5-8 Cited by 0; Impact factor-


13. Jain S, Jain AK, Kumar I. Outcome of open reduction and internal fixation of intraarticular calcaneal fracture fixed with locking calcaneal plate. Chin J Traumatol. 2013 Dec 1;16(6):355-60 Cited by 8; Impact factor-


19. Dhammi IK, Jain AK, Singh A.P, Mishra P, Jain S. Oncogenic osteomalacia-Problems in diagnosis and long term management. Ind J Orthop ( Accepted for publication on 6-4-10) Cited by 3; Impact factor- 0.624


Cited by 3; Impact factor- 0.624


Cited by 7; Impact factor- 2.019


Cited by 31; Impact factor- 2.019


Cited by 0; Impact factor- 1.43


Cited by 1; Impact factor- 0.624


Cited by 0; Impact factor-


Cited by 21; Impact factor- 2.019


Cited by 8; Impact factor- 1.22


Cited by 2; Impact factor-

40. Gulati D, Aggarwal AN, Kumar S, Agarwal A. Skeletal injuries following unintentional fall from height. UlusTravmaAcilCerrahiDerg. 2012 ;18(2) :141-6

Cited by 9; Impact factor- 0.38
Cited by 8; Impact factor: 2.482

Cited by 1; Impact factor: 2.12

Cited by 5; Impact factor: 2.837

Cited by 6; Impact factor-

Cited by 4; Impact factor: 0.624

Cited by 12; Impact factor: 0.624

Cited by 0; Impact factor-

Cited by 27; Impact factor: 4.31

   Cited by 8; Impact factor- 0.624

   Cited by 0; Impact factor

   Cited by 4; Impact factor

   Cited by 3; Impact factor- 0.624

   Cited by 3; Impact factor- 0.624

   Cited by 1; Impact factor- 0.624

   Cited by 4; Impact factor-


   Cited by 1; Impact factor-

   Cited by 0; Impact factor-

   Cited by 170; Impact factor- 4.31
Cited by 12; Impact factor- 4.31

Cited by 3; Impact factor- 0.624

Cited by 15; Impact factor- 0.624

Cited by 7; Impact factor-

Cited by 8; Impact factor- 0.624

Cited by 2; Impact factor- 0.624

Cited by 33; Impact factor- 0.624

Cited by 4; Impact factor- 0.624

Cited by 1; Impact factor- 0.303

Cited by 3; Impact factor- 1.43
Cited by 6; Impact factor- 0.567

Cited by 0; Impact factor- 2.019

Cited by 18; Impact factor- 0.567

Cited by 4; Impact factor-

Cited by 0; Impact factor-

Cited by 11; Impact factor-

Cited by 4; Impact factor- 0.624

Cited by 2; Impact factor- 0.624

Cited by 1; Impact factor- 0.624

Cited by 6; Impact factor- 0.624

Cited by 8; Impact factor- 0.624
   Cited by 79; Impact factor- 4.31

   Cited by 7; Impact factor-

   Cited by 0; Impact factor- 0.174

   Cited by 1; Impact factor- 4.31

   Cited by 14; Impact factor- 1.52

   Cited by 5; Impact factor- 0.629

   Cited by 7; Impact factor- 2.365

   Cited by 6; Impact factor- 0.624

   Cited by 18; Impact factor- 1.540

**Non-Indexed Journals**

CONTRIBUTION TO BOOKS

Dr. A.K. Jain


3. Contributed 6 chapter in a text book on “Neglected musculoskeletal injuries” Published by Jaypee Brothers.


11. Jain AK. Tuberculosis of the spine with neurological deficit. in “spine” book released by Orthopaedic research and education foundation 2003


15. Sudhir Kumar, **Jain AK**. Arthrodesis of Ankle in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 3777.

16. Sudhir Kumar, **Jain AK**. Slipped Capital femoral epiphysis in Textbook of Orthopaedics and Traumatology - an official publication of Indian Orthopaedic Association. Editor Dr. G.S. Kulkarni. Publisher JAYPEE Brothers Vol 3 page 3628.


   a. Editor : K.N. Sharma, Usha Nayar & Neena Bhattacharya
   b. Published by : Indian Society for Pain, Research and Therapy.
   c. Author : Anil Kumar Jain, Sudhir Kumar & Hardeep Singh.

   a. Editor : Indian Society for Pain, Research and Therapy.
   b. Author : Mohan K, Gupta AK, **Jain AK**, Sharma J.

**Dr. Ish Kumar Dhammi**


3. **Dhammi IK**. Knee arthrodesis, under the aegis of Indian Orthopaedic Association, Vol 4, editor GS Kulkarni, Jaypee Brothers medical publishers (P) Ltd, New Delhi, page 3772-3776


Dr. Sudhir Kumar

Chapters in the text book of orthopaedics & traumatology. Edited by KULKARNI GS. Publisher : jaypee brothers, new delhi, 1999


Dr Puneet Mishra


**Dr. Manish Chadha**


**Dr. Amite Pankaj**


2. **Seven Chapters** in “Key Issues in Hip Arthroplasty” dealing with various aspects of hip arthroplasty.


9. Pankaj A. Subtrochanteric Fractures: Minimally Invasive Extramedullary Fracture Fixation Technique
1. Name of the Department –
   Department of Otorhinolaryngology, University College of Medical Sciences and GTB hospital, Delhi

2. Year of establishment- 1971

3. Is the Department part of a college/Faculty of the university?
   Yes. It is a part of the University College of Medical Sciences and GTB hospital, Delhi and Faculty of Medical Sciences, University of Delhi

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)
   UG (MBBS) and PG (MS)

5. Interdisciplinary programs and departments involved -
   MBBS is an interdisciplinary program and PG thesis research is interdisciplinary along with departments of Pathology, Microbiology, Biochemistry, Radiology and other departments

6. Courses in collaboration with other universities, industries, foreign institutions, etc.- Nil

7. Details of programs discontinued, if any, with reasons- Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   Annual and Semester system of examination as per MCI guidelines

10. Participation of the department in the courses offered by other departments-
    The departmental faculty is involved in co-supervising PG research work along with other departments of the college

11. Number of teaching posts sanctioned, filled and actual(Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>3</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>2</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>2</td>
<td>2</td>
<td>-</td>
</tr>
<tr>
<td>Lecturer</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>5</td>
<td>5</td>
<td>5</td>
</tr>
</tbody>
</table>
Otorhinolaryngology

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr P. P. Singh</td>
<td>MBBS, MS</td>
<td>Director Professor</td>
<td>ENT</td>
<td>32</td>
</tr>
<tr>
<td>Dr H. C. Taneja</td>
<td>MBBS, MS</td>
<td>Director Professor</td>
<td>ENT</td>
<td>22</td>
</tr>
<tr>
<td>Dr Lakshmi Vaid</td>
<td>MBBS, MS</td>
<td>Professor</td>
<td>ENT</td>
<td>32</td>
</tr>
<tr>
<td>Dr Arun Goyal</td>
<td>MBBS, MS</td>
<td>Professor</td>
<td>ENT</td>
<td>24</td>
</tr>
<tr>
<td>Dr Neelima Gupta</td>
<td>MBBS, MS, DNB, MNAMS</td>
<td>Associate Professor</td>
<td>ENT</td>
<td>16</td>
</tr>
<tr>
<td>Dr Vipin Arora</td>
<td>MBBS, MS</td>
<td>Associate Professor</td>
<td>ENT</td>
<td>09</td>
</tr>
</tbody>
</table>

A list of research done in the last five years and ongoing research is as under:

<table>
<thead>
<tr>
<th>Name</th>
<th>Topic</th>
<th>Guide</th>
<th>Co-guide</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Rahul (2009-2012)</td>
<td>Effect of septoplasty on sense of smell</td>
<td>Dr P.P. Singh</td>
<td>Dr Neelima Gupta</td>
</tr>
<tr>
<td>Dr Aanchal (2010-2013)</td>
<td>Quality of life and voice outcomes in early glottic cancer treated using CO₂ laser microsurgery</td>
<td>Dr Arun Goyal</td>
<td>Dr P.P. Singh</td>
</tr>
<tr>
<td>Dr Manish (2010-2013)</td>
<td>Impact of biofilms on quality of life in chronic rhinosinusitis patients after Endoscopic Sinus Surgery</td>
<td>Dr Lakshmi Vaid</td>
<td>Dr P.P. Singh</td>
</tr>
<tr>
<td>Dr Dipti (2010-2013)</td>
<td>Role of image guided navigation system in endoscopic dacrocystorhinostomy in patients of chronic dacrocystitis</td>
<td>Dr H. C. Taneja</td>
<td>Dr Lakshmi Vaid</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Dr G.K Das</td>
<td></td>
</tr>
<tr>
<td>Dr Ramandeep (2011-2014)</td>
<td>Oncological and functional outcomes in patients of early glottic cancer following CO₂ laser</td>
<td>Dr Arun Goyal</td>
<td>Dr P.P. Singh</td>
</tr>
<tr>
<td>Name</td>
<td>Year</td>
<td>Title</td>
<td>Authors</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Dr Khyati</td>
<td>2011-2014</td>
<td>Effect of type I Tympanoplasty on quality of life of CSOM patients</td>
<td>Dr Lakshmi Vaid Dr H.C. Taneja</td>
</tr>
<tr>
<td>Dr Ruby</td>
<td>2011-2014</td>
<td>Findings of lacrimal endoscopy in patients of chronic dacrocystitis undergoing endoscopic dacrocystorhinostomy</td>
<td>Dr H.C.Taneja Dr Das</td>
</tr>
<tr>
<td>Dr Shilpi</td>
<td>2011-2014</td>
<td>Role of sialendoscopy as a primary diagnostic modality in salivary gland diseases</td>
<td>Dr P.P. Singh Dr Arun Goyal</td>
</tr>
<tr>
<td>Dr Ankur</td>
<td>2012-2015</td>
<td>Expression of EGFR in early glottic cancer and its relation to oncological outcomes following CO₂ laser microsurgery</td>
<td>Dr Arun Goyal Dr P.P. Singh</td>
</tr>
<tr>
<td>Dr Megha</td>
<td>2012-2015</td>
<td>Sialendoscopic profile in non neoplastic parotid gland diseases</td>
<td>Dr P.P. Singh Dr Arun Goyal</td>
</tr>
<tr>
<td>Dr Vivek</td>
<td>2012-2015</td>
<td>Evidence of biofilms in chronic rhinosinusitis, factors affecting it and its impact on prognosis</td>
<td>Dr Lakshmi Vaid Dr P.P. Singh Dr Neelima Gupta</td>
</tr>
<tr>
<td>Dr Deeksha</td>
<td>2013-2016</td>
<td>Determination of success rate of transcanalicular diode laser assisted dacrocystorhinostomy with lacrimal endoscopy</td>
<td>DrH.C.Taneja DrLakshmi Vaid Dr Das</td>
</tr>
<tr>
<td>Dr Anshika</td>
<td>2013-2016</td>
<td>Evaluation of olfaction in patients of allergic rhinitis</td>
<td>Dr Neelima Gupta Dr H.C.Taneja Dr Rajkumar (VPCI) Dr A.K. Tripathi</td>
</tr>
<tr>
<td>Dr Shweta</td>
<td>2013-2016</td>
<td>Expression of ki67 in early glottic cancer and its relation to various outcomes following CO₂ laser microsurgery</td>
<td>Dr Arun Goyal Dr P.P.Singh</td>
</tr>
<tr>
<td>Dr Shruti</td>
<td>2013-2016</td>
<td>Assessing agreement between preoperative size of submandibular stone with</td>
<td>Dr P.P.Singh DrArunGoyal</td>
</tr>
</tbody>
</table>
13. List of senior Visiting Fellows, adjunct faculty, emeritus professors- Nil

14. Percentage of classes taken by temporary faculty – program-wise information Not Applicable (No Temporary faculty in the department)

15. Program-wise Student Teacher Ratio- UG program- As per MCI guidelines and PG program- 1:1

16. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual- Sanctioned-3, Filled-2, Actual-2

17. Research thrust areas as recognized by major funding agencies- Nil

18. 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. –

| Dr Neelima Gupta, Dr P.P.Singh, Dr Arun Sharma | Assessment of Knowledge of harmful effects and exposure to Recreational Music in College students of Delhi | Intramural Project, completed in 2010 | Rs 25,000 |

19. Inter-institutional collaborative projects and associated grants received a) National collaboration b) International collaboration - Nil
20. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. – Nil

21. Research facility / centre with - No
   • state recognition
   • national recognition
   • international recognition

22. Special research laboratories sponsored by / created by industry or corporate bodies – Nil

23. Publications: (List of publications is annexed)
   * Number of papers published in peer reviewed journals (national / international) - 27
   * Monographs- Nil
   * Chapters in Books- 04
   * Books edited- 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, Medline, etc.)- 25
   * Citation Index – range / average – Range (0-14) and Average- 2.32
   * SNIP- NA
   * SJR- NA
   * Impact Factor – range / average – Range-(0.054- 2.779) and Average- 0.88
   * h-index - NA

24. Details of patents and income generated - Nil

25. Areas of consultancy and income generated - Nil

26. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad-
   • Dr Neelima Gupta- Awarded the BOYSCAST Fellowship 2010-2011 by The Government of India; funded by the Department of Science and Technology. The fellowship was awarded in the area of “Chemosensory Research”, utilized by going to a highly advanced Smell and Taste Clinic in the University of Dresden Medical School, Dresden, Germany; from 22nd July 2011 to 21st October 2011.
   • Dr Vipin Arora- Awarded the Raman fellowship, 2013-2014 and visited the Columbia University Medical Centre, New York, USA for Head and Neck Cancer Surgery training.

27. Faculty serving in
   a) National committees b) International committees c) Editorial Boards d) any other (specify)-
   Dr P.P. Singh- President, Indian Society of Otology (2010-2012)
   Dr H.C. Taneja, President, Neuro-otology and Equillioibriometric Society of India (2011-2013)
28. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). –
   The faculty members regularly attend workshops, refresher programs and training programs

29. Student projects - Nil
   - percentage of students who have taken up in-house projects including inter-departmental projects
   - percentage of students doing projects in collaboration with other universities / industry / institute

30. Awards / recognitions received at the national and international level by Faculty-
   - Dr Neelima Gupta- Awarded the BOYSCAST Fellowship 2010-2011 by The Government of India; funded by the Department of Science and Technology.
   - Dr Vipin Arora- Foreign travel fellowship to France by Indian Society of Otology (2010-11)
   - Awarded the Raman Fellowship 2013-2014, by University Grants commission
   - Doctoral / post doctoral fellows – nil
   - Students – not applicable

31. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

<table>
<thead>
<tr>
<th>Course on Sialendoscopy</th>
<th>November 2010</th>
</tr>
</thead>
<tbody>
<tr>
<td>Course on Sialendoscopy</td>
<td>December 2011</td>
</tr>
<tr>
<td>Advanced course on “Middle Ear Reconstruction” and Symposium on “Middle Ear Mechanics”</td>
<td>December 2011</td>
</tr>
<tr>
<td>LION (Live International Otolaryngology Network) Winer Global Broadcast</td>
<td>December 2011</td>
</tr>
<tr>
<td>Course on Tinnitus Retraining Therapy</td>
<td>February 2012</td>
</tr>
<tr>
<td>Course on Sialendoscopy</td>
<td>November 2013</td>
</tr>
<tr>
<td>Course on Sialendoscopy</td>
<td>November 2014</td>
</tr>
</tbody>
</table>

32. Code of ethics for research followed by the departments –
All research activities are vetted by the Institutional Research Project Advisory committee and the Institutional Ethical committee.

33. Student profile program-wise: Not applicable (Details are available with the university)  

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Selected Female</th>
<th>Pass percentage Male</th>
<th>Pass percentage Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

34. Diversity of students- Record not available with department  

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>PG</td>
<td>70.6%</td>
<td>0%</td>
<td>29.4%</td>
<td>0%</td>
</tr>
</tbody>
</table>

35. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. – Not applicable

36. Student progression- Not applicable

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
</tbody>
</table>

Employed
- Campus selection
- Other than campus recruitment

Entrepreneurs

37. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

38. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period – Nil

39. 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 and ‘smart’ class rooms- nil  

e) Students’ laboratories - NA  

f) Research laboratories – Temporal bone laboratory

40. List of doctoral, post-doctoral students and Research Associates - Nil  
a) from the host institution/university  
b) from other institutions/universities

41. Number of post graduate students getting financial assistance from the university. – Nil

42. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. – Not applicable

43. Does the department obtain feedback from  

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? -  
The department takes regular feedback from the faculty and this feedback is used for updating the teaching process. The learning evaluation is also regularly updated based on the feedback from the faculty

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

The students are regularly assessed and their feedback is taken regarding the teaching methods being used. If there is any additional teaching requirement as proposed by the students and if there are any difficult areas then those topics are covered again by the faculty

c. alumni and employers on the programs offered and how does the department utilize the feedback? No

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

45. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.  
Special lectures-  

- Professor Thomas Hummel from Smell and Taste clinic , University of Dresden, Germany delivered a lecture on New frontiers in the Sense of Smell (February 2013)  
- Professor Zahnert from University of Dresden, Germany delivered a lecture on Middle ear mechanics (February 2015)  
The department has held various workshops on Middle ear implants, sialendoscopy and tinnitus retraining therapy where renowned international experts delivered talks for faculty and student enrichment.

46. List the teaching methods adopted by the faculty for different programs including clinical teaching. –  
Audiovisual aids such as power-point presentations and bedside teaching are the main methods used in UG pogram. The PG program also utilizes O.T screens and monitors for clinical teaching
47. How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
Periodical assessment of students both in the UG and the PG programs is done which includes ward leavings, seminars, case presentations and terminal and semester theory examinations

48. Highlight the participation of students and faculty in extension activities.
Dr Neelima Gupta - Involved in the “Mentorship programme at UCMS”; Involved in project initiated for the deaf by the Cluster innovation centre at the University of Delhi; Involved in community outreach activities for awareness creation regarding preventable causes of deafness.

49. Give details of “beyond syllabus scholarly activities” of the department.
The faculty is actively involved in academic activities like reviewing articles in various journals, education of the community regarding ear, nose and throat diseases, promoting health of individuals by providing counseling and early diagnosis facilities.

50. State whether the program/department is accredited/graded by other agencies?
If yes, give details.
The program/department is accredited by the Medical Council of India.

51. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
The department has generated new knowledge in the field of Salivary gland diseases by adding the facility of Sialendoscopy. Use of this minimally invasive technique has added a wealth of data on non-neoplastic salivary gland diseases and has also improved patient care and reduced morbidity previously attributed to gland excision procedures.
Research in the area of Olfaction in the department, has generated interest in this basic chemosensory area which was not much explored up to now. Also the department has added to the knowledge of role of biofilms in the chronic rhino sinusitis cases.

52. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
Strengths:
1. Sialendoscopy facility available which is available in very few centres all over India
2. Availability of CO2 laser surgery
3. Faculty trained in international centres of excellence in the area of head and neck cancer surgery and diagnostic facilities for sino-nasal disease and olfaction and taste
4. Good equipment and instruments in the Operation theatre

Weaknesses:
1. Shortage of support administrative staff and for maintenance of data
2. Shortage of support technical staff
3. Non availability of infrastructure for a dedicated research lab

Opportunities:
1. Ample clinical material for research

Challenges:
1. Catering to the needs of ever increasing patient load
2. Lack of sufficient space for handling of OPD patients

53. Future plans of the department.
The department aims to develop into a centre of excellence for diagnosis and treatment of salivary gland diseases.
The department plans to add to its diagnostic and treatment facilities in the areas of tinnitus, smell and taste and nasal physiology by adding special clinics and laboratories for detailed evaluation of patients suffering from these disorders. Also the department strives to improve its UG and PG teaching program.
**Publications - Department of ENT (last five years)**

   Cited by 2; Impact factor- 1.661

   Cited by 0; Impact factor- NA

   Cited by 1; Impact factor- 1.458

   Cited by 0; Impact factor- NA

   Cited by 3; Impact factor- 0.054

   Cited by 1; Impact factor- 0.054

   Cited by 6; Impact factor- 0.582

   (Corresponding author)  
   Cited by 1; Impact factor- 0.054

   (Corresponding author)  
   Cited by 2; Impact factor- 0.054


ii) National/ Non-indexed


iii) International


2. Goyal A, Gupta N, Das S, Jain S. Basidiobolomycosis of the nose and face - a case report and a mini-review of unusual cases of basidiobolomycosis. Mycopathologia 2010; 170: 165-168. (Corresponding author)


b) Chapters in Books


Department of Pediatrics

1. Name of the Department & its year of establishment: PEDIATRICS, 1972

2. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D, Integrated Masters, Integrated Ph.D, etc.).
   Under-graduate: MBBS
   Post-graduate: MD (Pediatrics), DCH

3. Interdisciplinary course and departments involved.
   1. Clinical training of students enrolled in BASLP (Bachelor’s Programme in audiology and Speech and Language Pathology at Ali Yavar Jung National Institute for Hearing Handicapped
   2. IYCF training of Medical Officers/Faculty in Pediatrics, Gynecology & Obstetrics and Community Medicine

4. Annual /Semester / choice based credit system. N/A

5. Participation of the department in the courses offered by other departments.
   As co-supervisor in MD/MS/Ph.D courses offered by other clinical, para-clinical and pre-clinical departments

6. Number of teaching posts sanctioned and filled (Professors / Associate / Professors / Asst. Professors).

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>University</td>
<td>CHS</td>
</tr>
<tr>
<td>Professors</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>5</td>
<td>13</td>
</tr>
</tbody>
</table>

7. Faculty profile with name, qualification, designation, specialization, (D.Sc. / D.Litt./ Ph.D/M.Phil. etc.)

<table>
<thead>
<tr>
<th>S No.</th>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No of years of teaching experience (Post MD)</th>
<th>No of PhD / MD students supervised</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr MMA Faridi</td>
<td>MBBS DCH MD</td>
<td>Professor</td>
<td>Pediatrics</td>
<td>38 Yrs</td>
<td>MD: 6</td>
</tr>
<tr>
<td>2</td>
<td>Dr Sunil Gomber</td>
<td>MBBS DCH MD DNB</td>
<td>Director Professor</td>
<td>Pediatrics</td>
<td>33 Yrs</td>
<td>MD: 5 DNB:1</td>
</tr>
</tbody>
</table>
### Faculty Details

<table>
<thead>
<tr>
<th>No</th>
<th>Name</th>
<th>Degree</th>
<th>Position</th>
<th>Department</th>
<th>Yrs</th>
<th>Qualification</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Dr Piyush Gupta</td>
<td>MBBS</td>
<td>Professor</td>
<td>Pediatrics</td>
<td>28</td>
<td>PhD:1 MD:5</td>
</tr>
<tr>
<td>4</td>
<td>Dr Anju Aggarwal</td>
<td>MBBS</td>
<td>Assoc. Professor</td>
<td>Pediatrics</td>
<td>19</td>
<td>MD: 4</td>
</tr>
<tr>
<td>5</td>
<td>Dr Dheeraj Shah</td>
<td>MBBS</td>
<td>Assoc. Professor</td>
<td>Pediatrics</td>
<td>17</td>
<td>MD: 4</td>
</tr>
<tr>
<td>6</td>
<td>Dr Prerna Batra</td>
<td>MBBS</td>
<td>Assoc. Professor</td>
<td>Pediatrics</td>
<td>12</td>
<td>MD: 2 DNB: 1</td>
</tr>
<tr>
<td>7</td>
<td>Dr Pooja Dewan</td>
<td>MBBS</td>
<td>Asst. Professor</td>
<td>Pediatrics</td>
<td>11</td>
<td>MD: 2</td>
</tr>
<tr>
<td>8</td>
<td>Dr Manish Narang</td>
<td>MBBS</td>
<td>Asst. Professor</td>
<td>Pediatrics</td>
<td>12</td>
<td>MD: 2 DNB: 1</td>
</tr>
<tr>
<td>9</td>
<td>Dr Sushil Srivastava</td>
<td>MBBS</td>
<td>Asst. Professor</td>
<td>Pediatrics</td>
<td>3</td>
<td>Nil</td>
</tr>
<tr>
<td>10</td>
<td>Dr Aashima Dabas</td>
<td>MBBS</td>
<td>Asst. Professor</td>
<td>Pediatrics</td>
<td>4</td>
<td>Nil</td>
</tr>
</tbody>
</table>

#### Percentage of classes taken by temporary faculty – programme-wise information.

<table>
<thead>
<tr>
<th>Type of Class (For all semesters posted in Pediatrics)</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clinical bedside teaching</td>
<td>5%</td>
</tr>
<tr>
<td>Lectures, demonstrations</td>
<td>10%</td>
</tr>
</tbody>
</table>

Only 1 temporary faculty: Dr Aashima Dabas

#### Programme – wise Student Teacher Ratio.

- **Student:** Faculty
- **MBBS:** 15:1 (As Per MCI norms)
- **MD:** 3:4

#### Number of academic support staff (Technical) and administrative staff sanctioned and filled.

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Technical</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Administrative</td>
<td>2</td>
<td>2</td>
</tr>
</tbody>
</table>

#### Number of faculty with ongoing projects from a) National b) International Funding Agencies and c) Total grants received. Mention names of funding agencies and grants received project – wise.
<table>
<thead>
<tr>
<th>S. No</th>
<th>Name of Faculty</th>
<th>National Project, Funding agency &amp; Grant Received (Duration of Project)</th>
<th>International Project, Funding Agency &amp; Grant Received (Duration of Project)</th>
</tr>
</thead>
</table>
| 1     | Dr MMA Faridi  | 1. A multicentric, phase III clinical trial to assess the immunogenicity and reactogenicity of 'Diphtheria, Tetanus Acellular Pertussis Combined Vaccine, Adsorbed' administered to healthy infants at 6, 10 and 14 weeks of age. Prosper Channel, Rs 4 lacs (2011-12)  
2. Immunogenicity & Safety of early Vs delayed BCG vaccine in moderately preterm infants, GNCT Delhi. Rs 1 lac. 2012-13  
3. Immunogenicity of BIOVAC A-5 year follow up, Mediclin, 2012-13  
4. An Open label, Phase III, Multicentric Randomized controlled study to evaluate the safety and immunogenicity of Single dose Live Attenuated Varicella Vaccine (VR 795 varicella Oka strain) versus Varilrix Vaccine in healthy Indian children, Wokhardt India, Rs 3.8 lacs (2013-14)  
5. An Open label, Phase III, Multicentric Randomized controlled study to evaluate the safety and immunogenicity of Single dose Live Attenuated | Nil |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th>Varicella Vaccine (VR 795 varicella Oka strain) versus Varilrix Vaccine in healthy Indian children. Wokhardt, Rs 3 lac, 2012-13</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Dr Sunil Gomber</td>
<td>1. Coagulation parameters and molecular markers in beta Thalassemia patients and effect of antithrombotic therapy on hypercoagulable state, IMRG, Rs 25,000/</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Nil</td>
</tr>
</tbody>
</table>
3. 1, ICMR STS: Rs. 10,000 |
|   |   | Nil |
| 4 | Dr Anju Aggarwal | 1, IMRG: Rs 7000/- (2011-12) |
|   |   | Nil |
| 5 | Dr Dheeraj Shah | 1, DBT: Rs. 28 Lacs  
1, ICMR:Rs. 40 Lacs  
1, ICMR STS: Rs. 10,000 |
|   |   | Nil |
| 6 | Dr Prerna Batra | 1 as co-investigator  
3, ICMR-STS (Rs 30,000) |
|   |   | Nil |
| 7 | Dr Pooja Dewan | 1, UCMS (IMRG): Rs 20,000 (2012-13): PI  
1, DBT: As Co Investigator, |
|   |   | Nil |
12. Departmental Projects funded by DST-FIST, DBT, ICSSR, etc. Total grants received.

1. Dr Dheeraj Shah: “Undiluted Animal Milk With Added Sugar and Micronutrients versus WHO Feeding Protocol for Management of Severe Acute Malnutrition in Non Breastfed Infants aged 2-6 months of age: A Randomized Controlled Trial.”: Funded by DBT, Rs 28 lac
3. Dr MMA Faridi: Immunogenicity & Safety of early Vs delayed BCG vaccine in moderately preterm infants, GNCT Delhi. Rs 1 lac. 2012-13

13. Research facility/centre with state/national/international recognition

1. Pediatric HIV Clinic: Recognized by DSACS
2. IYCF Centre: recognized by UNICEF, WHO, USAID, BPNI
3. Therapeutic Feeding Center

14. Publications

<table>
<thead>
<tr>
<th></th>
<th>Journals</th>
<th>Monographs</th>
<th>Chapters in Books</th>
<th>Editing Books</th>
<th>Books with ISBN no &amp; publisher details</th>
<th>Citation index (Range, Average)</th>
<th>SJR</th>
<th>Impact factor</th>
<th>h-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr MMA Faridi</td>
<td>35</td>
<td>-</td>
<td>6</td>
<td>1</td>
<td></td>
<td>705</td>
<td></td>
<td></td>
<td>15</td>
</tr>
<tr>
<td>Dr Sunil Gomber</td>
<td>13</td>
<td>-</td>
<td>5</td>
<td>1</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dr Piyush Gupta</td>
<td>35</td>
<td>3</td>
<td>5</td>
<td>11</td>
<td></td>
<td>*</td>
<td></td>
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</tr>
<tr>
<td>Dr Anju Aggarwal</td>
<td>35</td>
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</tr>
<tr>
<td>Books Name</td>
<td>ISBN No</td>
<td>Publisher</td>
<td>Year of Publication</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>9. The Best of Indian Pediatrics for Practitioners</td>
<td>978-81-910717-0-2</td>
<td>CBS Publishers, Delhi</td>
<td>2010</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
• Dr Anju Aggarwal Textbook on “Childhood Disability”, 2012

15. Details of patents and income generated. N/A

16. Areas of consultancy and income generated.
Dr MMA Faridi: Lactation Consultant for IYCF: Rs 1.5 lac

17. Faculty recharging strategies.
In-service training programmes

18. Student Projects :
   o Percentage of students who have done in – house projects including inter – departmental: Nil
   o Percentage of students doing projects in collaboration with industries / institutes: N/A

19. Awards / Recognitions received at the National and International level by :
   o Faculty
   o Doctoral / Post doctoral Fellows
   o Students

FACULTY

<table>
<thead>
<tr>
<th>National</th>
<th>International</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr MMA Faridi</td>
<td>Elected Executive Board Member of Indian Academy of Pediatrics(IAP):2013 Vice President-IYCF Chapter IAP:2013</td>
</tr>
<tr>
<td>Dr Sunil Gomber</td>
<td></td>
</tr>
<tr>
<td>Dr Piyush Gupta</td>
<td>1. Awarded Fellowship of National Academy of Medical Sciences (FAMS), New Delhi 2011. 2. KL Wig Oration, National Academy of Medical Sciences, AIIMS Rishikesh, 18 October 2014. 3. Dr T Yadiah Goud Memorial Oration, Indian</td>
</tr>
<tr>
<td>Name</td>
<td>Accomplishments</td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
</tbody>
</table>
| Dr Anju Aggarwal     | 1. Elected Executive Member of Indian Academy of Pediatrics (National) 2011 - IAP is an association of 17,000 pediatricians all over India and two executive members are elected from Delhi each year.  
2. Vice President IAP Delhi State Branch- 2012 |
3. Member, Technical Advisory Group for Inter-ministerial Alliance for Management of Children  

Academy of Pediatrics, Twin City Branch, Hyderabad and Secunderabad, Hyderabad. 27 Sep 2014.
7. Theme Oration, 39th Annual Conference of IAP, Kerala Branch; Kollam, Kerala. 6-7 Nov 2010.
| Dr Prerna Batra | 1. James Flett Award (2013): first prize  
2. 3\(^{rd}\) prize (oral paper) in 7\(^{th}\) INDO US Summit on Emergency Medicine 2011  
3. 2\(^{nd}\) prize in Pulse 2012 at AIIMS, New Delhi, in Oral paper presentation | 1. Fellow of Academic College of Emergency experts in India (FACEE) |
| Dr Pooja Dewan | 1. 2015: SS Manchanda Award (First prize) for best paper in Neonatology  
2. 2014: Dr James Flett Endowment Award (First Prize) for best paper in Social and Preventive Pediatrics  
3. 2013: UGC Travel Grant  
4. 2013: V Balagopal Raju Award (First Prize) for best paper in Child Health  
5. 2012: Membership of | 2014: Royal College of Paediatrics and Child Health Visiting Fellowship (UK) |
<table>
<thead>
<tr>
<th>Name</th>
<th>Accomplishments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Manish Narang</td>
<td>Editor in Chief, Journal of Case Reports (2011-2015)</td>
</tr>
<tr>
<td></td>
<td>Appreciation Award from GTB Hospital on National Doctors Day: 2011-2012</td>
</tr>
<tr>
<td>Dr Sushil Srivastava</td>
<td>National trainer for Advanced NR India, Facility based newborn care program, IMNCI</td>
</tr>
<tr>
<td></td>
<td>(State level), Essential newborn care WHO AIIMS Collaborative group</td>
</tr>
<tr>
<td></td>
<td>National faculty for quality assessment and accreditation of neonatal care units</td>
</tr>
<tr>
<td></td>
<td>National faculty for developmental supportive care in newborn care</td>
</tr>
<tr>
<td>Dr Aashima Dabas</td>
<td>-</td>
</tr>
</tbody>
</table>

**STUDENTS**

2011

1. Dr Vikas Jain: James Flett Award

2012

1. Dr. Soumi Bhattacharya: VB Raju Award

2013

1. Dr. Ruchita Negi – V.B. Raju Award
2. Dr. Pawan Barolia – James Flett Award
2014

1. Dr. Sakshi Sachdeva - James Flett Award
2. Dr. Prachi Jain - V.B. Raju Award
3. Dr. Mohit Sethi - V.B. Raju Award
4. Dr. Megha Saroha – S.T. Achar Award
5. Dr. Shrishail Gigaganti – NEOCON (Gold Medal Category)

2015

1. Dr Smriti Rohatgi: SS Manchanda Award
2. Dr Kanika Singh: VB Raju Award
3. Dr Jeevan Kinkar: VB Raju Award
4. Dr Prasanna Naik: ST Aachar Award
5. Dr Ritika Khurana & Dr Parul Gupta: Won Neonatology National Quiz for PGs (1st Prize)
6. Dr Parul Gupta & Dr Jeevan Kinkar: won IAP National Quiz for PGs (1st Prize)

20. Seminars / Conferences / Workshops organized and the source of funding (National / International) with details of outstanding participants, if any.

Dr Faridi: 8 workshops in FBNC, IYCF, NRP since 2010

Dr Piyush Gupta: More than 30 Workshops Organized on Medical Education, Art and Science of Paper Writing, Child Survival, Diarrhea, and Pneumonia in last 5 years.

Dr Prerna Batra: Pediatric Advanced Life Support program in September 2014

Dr Dheeraj Shah: Workshop on Art and Science of Writing a Paper at Indraprastha Apollo Hospital, New Delhi on November 8-9, 2014.


Dr Aashima Dabas: - 1 (CME in Pediatrics, with NBE-LACE, New Delhi, March 2013)

21. Student Profile course – wise :

<table>
<thead>
<tr>
<th>Name of the Course (refer question no. 2)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
</tbody>
</table>

306
22. Diversity of Students
Over last 5 years

<table>
<thead>
<tr>
<th>Name of the Course (refer question no. 2)</th>
<th>% of Students from the college</th>
<th>% of Students from the State</th>
<th>% of Students from other States</th>
<th>% of Students from other Countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>MD</td>
<td>2 out of 36 (3%)</td>
<td>9 out of 36 (25%)</td>
<td>75%</td>
<td>0%</td>
</tr>
<tr>
<td>DCH</td>
<td>2 out of 15 (12%)</td>
<td>3 out of 15 (18%)</td>
<td>82%</td>
<td>0</td>
</tr>
</tbody>
</table>

23. How many students have cleared Civil Services, Defence Services, NET, SLET, GATE and any other competitive examinations?
NIL

24. Student Progression:

<table>
<thead>
<tr>
<th>Student Progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D</td>
<td></td>
</tr>
<tr>
<td>Ph.D to Post – Doctoral</td>
<td></td>
</tr>
</tbody>
</table>

Employed
- Campus selection
- Other than campus recruitment

Entrepreneurs

100% pass rate for MD (All in first attempt)
100% pass rate for DCH (93% passed in first attempt)

25. Diversity of Staff:

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Of the same parent university</td>
</tr>
<tr>
<td>From other universities within the State</td>
</tr>
</tbody>
</table>
26. Number of faculty who were awarded Ph.D, D.Sc. and D.Litt. during the assessment period.
   Nil

27. Present details about infrastructural facilities:
   a) Library: Departmental Library exists with around 100 textbooks in Pediatrics
   b) Internet facilities for staff and students: 11 computers with internet facilities for faculty & students in the Department
   c) Total number of class rooms: 1 seminar room in ward and 1 demonstration room in OPD
   d) Class rooms with ICT facility:
   e) Students laboratories: 1 Lab in ward and 1 in NICU
   f) Research laboratories: 1 room designated for research in ward

28. Number of students of the department getting financial assistance from college.
   For thesis: 37% in last 5 years

29. Was any need assessment exercise undertaken before the developed of new programme(s)? Of so, give the methodology.
   N/A

30. Does the department obtain feedback from:
   a) Faculty on curriculum as well as teaching – learning – evaluation? If yes, how does department utilize it?
      Written and verbal feedback is given by faculty to the HOD on regular basis to improve teaching and on use of innovative teaching methods for UG/PG teaching
   b) Students on staff, curriculum as well as teaching – learning – evaluation and what is the response of the department to the same?
      No feedback on staff.
      Students give feedback on curriculum and teaching-learning methods regularly, accordingly, classes/structured teaching is modified.
   c) Alumni and employers on the programmes and what is the response of the department to the same?
      Feedback is taken from MS and Principal esp regarding unconventional teaching methods adopted by Department.

31. List the distinguished alumni of the department (maximum 10).
   Distinguished Faculty: Dr OP Ghai, Dr KN Agarwal

32. Give details of student enriched programmes (special lectures / workshops / seminars) with external experts. (Since 2010)
1. Dr Anju Virmani (India): Diabetes Lecture:2015
3. Dr OP Mishra (India): Pediatric Nephrology:2014
4. DR Harpreet (WHO): AFP Surveillance: 2013
5. Dr Sidharth Sethi (India): Pediatric Nephrology:2013
6. Dr Ramandeep Arora (USA): Pediatric Cancer: 2011

33. List the teaching methods adopted by the faculty for different programmes. Hands-on and bedside teaching, PG lectures, seminars, grand rounds, journal clubs, mortality audit, CPC

Involvement of Residents in UG & PG teaching activities
Innovative methods
1. e-learning modules
2. Quiz competitions
3. OSCE, OSLER
4. Mini-CEX
5. Formative assessment

34. How does the department ensure that programme objectives are constantly met and learning outcomes monitored?

1. Regular appraisal (formative and summative) of PG and UG students enables us to assess success of our teaching strategies.
2. Feedback from students allows us to incorporate strategies to meet our learning objectives
3. Continuous motivation of Residents in research and scientific paper writing enables the department to maintain high standards
4. Monitoring of prescription of patients written by residents

35. Highlight the participation of students and faculty in extension activities.

All faculty members are actively involved in the various sub-speciality chapters of the Indian Academy of Pediatrics; this has fostered departmental and individual growth.
Various governmental programs like FBNC, IYCF, AFP surveillance, JSSK, Pulse polio campaign, Mission Indradhanush, etc are being actively promoted by faculty.

36. Give details of “beyond syllabus scholarly activities” of the department.
1. Biomedical editing: Dr Piyush Gupta served as Editor-in-Chief of Indian Pediatrics, official publication of IAP from 2008-2014. Dr Dheeraj Shah has taken over the charge as Editor-in-Chief of Indian Pediatrics, official publication of IAP in 2015. Rest of the faculty members are also involved in various editorial capacities in several national and international journals.
2. IYCF Counselling & training of health professionals: Dr Faridi is a world renowned expert
3. Medical Education: Dr Piyush Gupta & Dr Dheeraj Shah are experts & members of MEU, UCMS.
4. All senior faculty are members of expert committees of government like UPSC, ICMR, NIPCED, NIPI, DCGI.

37. State whether the programme / department is accredited / graded by other agencies. Give details.
   PG Program is recognized by Medical Council of India
   NICU: accredited by NNF

38. Detail any five strengths, weaknesses, Opportunities and Challenges (SWOC) of the department.

<table>
<thead>
<tr>
<th>STRENGTHS</th>
<th>Dedicated and sincere faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Excellent team work</td>
</tr>
<tr>
<td></td>
<td>Academic freedom</td>
</tr>
<tr>
<td></td>
<td>Plenty of clinical material</td>
</tr>
<tr>
<td></td>
<td>Research quality is excellent</td>
</tr>
<tr>
<td>WEAKNESSES</td>
<td>Lack of good infrastructure</td>
</tr>
<tr>
<td></td>
<td>Short of manpower (doctors, nurses, other staff)</td>
</tr>
<tr>
<td></td>
<td>Over-crowding of patients</td>
</tr>
<tr>
<td></td>
<td>Development of specialities like pediatric cardiology, nephrology is needed.</td>
</tr>
<tr>
<td></td>
<td>Stagnation of faculty and poor promotional scheme of university</td>
</tr>
<tr>
<td>OPPORTUNITIES</td>
<td>Scope for good research due to good patient load and turnover</td>
</tr>
<tr>
<td></td>
<td>Provision of study leave and skill upgradation workshops</td>
</tr>
<tr>
<td>CHALLENGES</td>
<td>Development of sub-specialities</td>
</tr>
<tr>
<td></td>
<td>Augmentation of manpower</td>
</tr>
<tr>
<td></td>
<td>Procurement of equipment like echo machines, pediatric dialysis facilities</td>
</tr>
<tr>
<td></td>
<td>Superspeciality development: Introduction of DM course in Neonatology</td>
</tr>
</tbody>
</table>

39. Future plans of the department.

1. Development of sub-specialties
2. Recruitment of manpower (faculty and residents)
3. Development of Pediatric Emergency Block
4. Procurement of equipment
5. Super specialty development: Introduction of DM course in Neonatology
ANNEXURE - I

PUBLICATIONS

**DR. MMA FARIDI**


Cited by ; Impact factor-0.919

Cited by 0; Impact factor-0.919

Cited by ; Impact factor-

Cited by 0; Impact factor-0.954

Cited by 0; Impact factor-0

Cited by ; Impact factor-1.733

Cited by 0; Impact factor-1.696

Cited by 0; Impact factor-0.919

Cited by 0; Impact factor-0.857

Cited by 0; Impact factor-0.73
Cited by 2; Impact factor-1.946

Cited by 0; Impact factor-

Cited by 1; Impact factor-2.298

Cited by 0; Impact factor-0.919

Cited by 0; Impact factor-39.315

Cited by 4; Impact factor-1.279

DR. SUNIL GOMBER

Cited by 1; Impact factor-0

Cited by 9; Impact factor-1.014

Cited by 3; Impact factor-

Cited by 28; Impact factor-1.627
Cited by 1; Impact factor-

Cited by 3; Impact factor-

Cited by 17; Impact factor-

Cited by 0; Impact factor-1.173

Cited by 0; Impact factor-

**DR. PIYUSH GUPTA**

Cited by 5; Impact factor-1.413

Cited by 29 ; Impact factor- 1.014

Cited by 3 ; Impact factor-1.014

Cited by 5; Impact factor-1.014

Cited by 0; Impact factor-

Cited by 29; Impact factor-3.499

Cited by 31; Impact factor-

Cited by 11; Impact factor-1.014

Cited by 18; Impact factor-1.014

Cited by 19; Impact factor-1.772

Cited by 1; Impact factor-1.014

Cited by 29; Impact factor-1.014

Cited by 1; Impact factor-1.014
Cited by 0; Impact factor-1.014

Cited by 4; Impact factor-1.014

Mishra D, **Gupta P**. Where it all began! With Sisir K Bose!! Oh...at Calcutta!!! Indian Pediatr. 2013;50:25-37.
Cited by 0 ; Impact factor-1.014

**DR. ANJU AGGARWAL**

Cited by 2; Impact factor-1.627

Cited by 8 ; Impact factor-1.627

**Aggarwal A**, Datta V, Thakur LC. Quality of Life in Children with Epilepsy. Indian Pediatr. 2011; 48; 893-896.
Cited by 4; Impact factor-1.014

Cited by 0; Impact factor-0.919

Cited by 2; Impact factor-0.919

Cited by 9; Impact factor-1.014

Cited by 0; Impact factor-
Cited by 0; Impact factor-NA

Cited by 0; Impact factor-NA

Cited by 2 ; Impact factor-1.627

Thyroid hormone levels in children receiving carbamazepine or valproate. Anju Aggarwal, Neha Rastogi, Hema Mittal, Neelam Chiller, Rahul Patil. Pediatr Neurol. 2011 Sep ;45 (3):159-62
Cited by 8; Impact factor-1.627

Cited by 0 ; Impact factor-0.919

Cited by 0; Impact factor-1.014

Cited by 1; Impact factor-0.514

Cited by 0; Impact factor-1.014

Cited by 4 ; Impact factor-1.006

Cited by 1; Impact factor-0.514


Kumar V, Aggarwal A, Sharma S, Chllar N, Mittal H, Faridi MM. Effect of carbamazepine therapy on homocysteine, vitamin B12 and folic acid levels in children with epilepsy. Indian Pediatr. 2013, 8;50:469-72. Cited by 0; Impact factor-1.014

Aggarwal A, Mittal H, Debnath SKR, Rai A. Neuroimaging in cerebral Palsy- Report from North India. Iran J Child Neurol.2013,7:41-46 Cited by 2; Impact factor-0.029


DR. DHEERAJ SHAH


Cited by 32; Impact factor-0.919


Cited by 5; Impact factor-0.919


Cited by 11; Impact factor-2.298

Sachdev HPS., **Shah D**. Kangaroo mother care to reduce morbidity and mortality in low-birth-weight infants. The WHO Reproductive Health Library 2011(September); Geneva: World Health Organization.

Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-0.919


Cited by ; Impact factor-


Cited by ; Impact factor-


Cited by 11; Impact factor-0.919
Cited by 1; Impact factor-0.919

Cited by 0; Impact factor-

Cited by 12; Impact factor-1.24

Cited by 0; Impact factor-0.398

Cited by 2; Impact factor-0.919

Cited by 10; Impact factor-0.919

DR. PRERNA BATRA

Cited by 1; Impact factor-

Cited by 0; Impact factor-1.733

Cited by 13; Impact factor-0.923


Cited by 3; Impact factor-0.923


Cited by 13; Impact factor-0.923


Cited by 4; Impact factor-


Cited by 28; Impact factor-1.627

DR. MANISH NARANG


Cited by 0; Impact factor-0.4


Cited by 1; Impact factor-0.4

DR. POOJA DEWAN


Cited by 0; Impact factor-1.39


Cited by 0; Impact factor-

Cited by 0; Impact factor-0.919

Cited by 0; Impact factor-1.193

Cited by 0; Impact factor-1.733

Cited by 1; Impact factor-NA

Cited by 3; Impact factor-NA

Cited by 18; Impact factor-3.867

Cited by 29; Impact factor-1.014

Cited by 17; Impact factor-1.121

Cited by 0; Impact factor-0.398

Cited by 0; Impact factor-1.014
Chapters in Book


Faridi MMA. In: Mathur NB. Mathur’s Essential Neonatology. New Delhi: Noble Vision; 2012


Books

Faridi MMA, Priyanka Gupta. Neonatology Practice Made Easy. New Delhi: JayPee Brothers Medical Publishers; 2013


**Publications in Non-Indexed Journals**


Saurabhi Das, Anju Aggarwal, Hema Mittal, Ashish Kumar, Pradeep Dhingra. Rare presentations of Hepatitis A infection. Presented at 50th Annual Conference of Indian Academy of Pediatrics, Calcula, 17th -20th January 2013.


Abstract publication in conference proceedings

Oral Ondansetron in Management of Dehydrating Diarrhea with Vomiting: A Randomized Controlled Trial. Arun Danewa, Batra P. PEDICON 2013 at Kolkata for award paper.

HIV transmission rates in Exclusively Breastfed babies of HIV positive mothers on ARV prophylaxis. Barolia P, Batra P at PEDICON 2013, held at Kolkata.


“Unusual Case of Hypocalcemic seizures in a neonate” Batra P. 32nd Annual Convention of National Neonatology Forum of India, Delhi.


Narang M, Bhattacharya S, Gomber S. Unusual presentation of Subacute sclerosing panencephalitis at 50th National Conference of Indian Academy of Pediatrics (PEDICON 2012), Gurgaon, Haryana.

Narang M, Kumar S, Gomber S. Parietal wall abscess masquerading as Liver abscess at 50th National Conference of Indian Academy of Pediatrics (PEDICON 2012), Gurgaon, Haryana.
Narang M, Kaushik JS, Sharma A, Faridi MMA. Predictors of mortality among the neonates transported to referral centre in Delhi: A Prospective observational Study at NEOCON 2012, New Delhi.
Paedodontics & Preventive Dentistry

**Department of Paedodontics & Preventive Dentistry**

1. Name of the Department - Paedodontics & Preventive Dentistry
2. Year of establishment - 2011
3. Is the Department part of a college/Faculty of the university? - YES
4. Names of programs offered (UG, PG, PharmD, Integrated Masters, M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Superspecialty fellowship, etc.) - MDS
5. Interdisciplinary programs and departments involved - NIL
6. Courses in collaboration with other universities, industries, foreign institutions, etc. - NIL
7. Details of programs discontinued, if any, with reasons - NIL
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
9. Participation of the department in the courses offered by other departments - NIL
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Lecturer</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Senior Resident</td>
<td>3</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Namita Kalra</td>
<td>MDS</td>
<td>Prof. &amp; Head</td>
<td>Paedodontics</td>
<td>35 yrs</td>
</tr>
<tr>
<td>Dr. Harpreet Grewal</td>
<td>MDS</td>
<td>Professor</td>
<td>Orthodontics</td>
<td>29 yrs</td>
</tr>
<tr>
<td>Dr. Rishi Tyagi</td>
<td>MDS</td>
<td>Assoc. Professor</td>
<td>Paedodontics</td>
<td>9 yrs 8 months</td>
</tr>
<tr>
<td>Dr. Amit Khatri</td>
<td>MDS</td>
<td>Asstt. Professor</td>
<td>Paedodontics</td>
<td>7 yrs 8 months</td>
</tr>
</tbody>
</table>
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - NIL

13. Percentage of classes taken by temporary faculty – program-wise information - NIL

14. Program-wise Student Teacher Ratio – 2 students, 3 teachers

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual – Annexure -1

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

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. NIL

18. Inter-institutional collaborative projects and associated grants received NIL
   a) National collaboration b) International collaboration

19. Departmental projects funded by ICMR; 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: - Annexure - II
   * Number of papers published in peer reviewed journals (national / international)
   * Monographs
   * Chapters in Books
   * Books edited
   * Books with ISBN with details of publishers
   * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, 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 - NIL

26. Faculty serving in
   a) National committees
   b) International committees
   c) Editorial Boards
   d) any other (specify) - NIL

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). - NIL

28. Student projects
   - percentage of students who have taken up-in-house projects including inter-departmental projects – 2 Students Thesis
   - percentage of students doing projects in collaboration with other universities / industry / institute NIL

29. Awards / recognitions received at the national and international level by
   - Faculty – Delhi State Award – Dr. Namita Kalra
   - Doctoral / post doctoral fellows
   - Students

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any. NIL

31. Code of ethics for research followed by the departments YES

32. Student profile program-wise:

<table>
<thead>
<tr>
<th>Duration</th>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male Female</th>
<th>Pass percentage Male Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011-14</td>
<td>Paedodontics</td>
<td>-</td>
<td>1 1</td>
<td>Pass Pass</td>
</tr>
<tr>
<td>2012-15</td>
<td>Paedodontics</td>
<td>-</td>
<td>1 1</td>
<td>- -</td>
</tr>
<tr>
<td>2013-16</td>
<td>Paedodontics</td>
<td>-</td>
<td>1 1</td>
<td>- -</td>
</tr>
<tr>
<td>2014-17</td>
<td>Paedodontics</td>
<td>-</td>
<td>1 1</td>
<td>- -</td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>Paedodontics</td>
<td>100</td>
<td>50</td>
<td>50</td>
<td>Nil</td>
</tr>
</tbody>
</table>
34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. NIL

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>-</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>-</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>-</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>-</td>
</tr>
<tr>
<td>Employed</td>
<td>One</td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>-</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th>-</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>-</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>One</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>Three</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>-</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period. NIL

38. Present details of departmental infrastructural facilities with regard to
a) Library ONE
b) Internet facilities for staff and students AVAILABLE
c) Total number of class rooms ONE SEMINAR ROOM
d) Class rooms with ICT facility and ‘smart’ class rooms NIL
e) Students' laboratories ONE
f) Research laboratories NIL

39. List of doctoral, post-doctoral students and Research Associates NIL
a) from the host institution/university
b) from other institutions/universities

40. Number of post graduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. NIL

42. Does the department obtain feedback from
a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? NO
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? NO
c. alumni and employers on the programs offered and how does the department utilize the feedback? NO
43. List the distinguished alumni of the department (maximum 10) NIL

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts. – Lecture by Prof. Richard Welbury from University of Glasgow

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. SEMINARS, CHAIR SIDE DISCUSSION, DEMONSTRATIONS

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? LOG BOOK ASSESSMENT

47. Highlight the participation of students and faculty in extension activities. CAMP

48. Give details of “beyond syllabus scholarly activities” of the department. NIL

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. – DCI has given recognition to MDS course in 2014

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. ATTENDING REGULAR CDE PROGRAMS

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

52. Future plans of the department. – Development of Post Graduate centre with post graduation in all dental specialties.
Tuberculous osteomyelitis of the mandible: a case report in a 4-year-old child.
Chaudhary S, Kalra N, Gomber S.
Cited by 25; Impact factor- 1.214

Intramuscular vascular malformation of the masseter muscle presenting with turkey wattle sign.
Rai P, Setia S, Kalra N, Upreti L.
Cited by 9; Impact factor- 1.214

Self-replantation of an avulsed tooth in torsoversion: a 10-year follow-up.
Rai P, Gupta U, Kalra N.
Cited by 7; Impact factor- 1.214

Sachdeva S, Kalra N, Kapoor P.
Cited by 4; Impact factor- 1.214

A comparison of two pain scales in the assessment of dental pain in East delhi children.
Khatri A, Kalra N.
Cited by 6; Impact factor- 1.214

A retrospective analysis of maxillofacial injuries in patients reporting to a tertiary care hospital in East Delhi.
Kapoor P, Kalra N.
Cited by 19; Impact factor-

Mucus extravasation phenomenon on the alveolar ridge in neonate: a case report.
Kalra N, Chaudhary S, Singh B
Cited by 5; Impact factor-

Non-syndromemultiplesupplementalssupernumerary teeth.
Kalra N, Chaudhary S, Sanghi S.
Cited by 31; Impact factor-

Changes in developing succedaneous teeth as a consequence of infected deciduous molars.
Kalra N, Sushma K, Mahapatra GK.
Cited by 16; Impact factor-
Congenital gingival granular cell tumor--a case report.
Kalra N¹, Chopra P, Malik S.
Cited by 8; Impact factor-

Sequelae of neglected pulpal infections of deciduous molars
Kalra N
Cited by 4; Impact factor-

PUBLICATIONS:

Cited by 41; Impact factor- 0.47

Cited by 2; Impact factor- 0.93

Khuller N, Tyagi R. Gingival Swelling due to Nail Biting Habit; A Case Report JIDA. 2009 March.
Cited by 0; Impact factor-

Cited by 8; Impact factor- 0.44

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 3; Impact factor- 1.54


Cited by 0; Impact factor-


Cited by 0; Impact factor-


Cited by 1; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor- 0.53


Cited by 0; Impact factor-


Gupta V, Tyagi N, Vij H, Vij R, Tyagi R. Stem cells research: A Promising receipe for tooth. Ind J of Stomatolgy. Accepted 2014

Godhi B, Tyagi R. Success rate of MTA pulpotomy on vital pulp of primary molars- 3 years observational study. Int J ClinPediatr Dent. Accepted 2015

CONTRIBUTION IN TEXTBOOK:

Contributed chapters in textbook of Pediatric dentistry 2nd Edition by Dr Nikhil Marwah, Jaypee Publishers 2009

Contributed chapters in textbook of Pediatric dentistry 3rd Edition by Dr Nikhil Marwah, Jaypee Publishers 2013

MONOGRAPH PUBLICATION:

Tyagi R. Nursing Caries relationship to feeding practices, socioeconomic status. Germany :LAP LAMBERT Academic Publishing GmbH & Co. KG ;2010
Publications

Cited by 0; Impact factor-

Cited by 3; Impact factor - 1.54

Khatri A, Nandlal B. An Indirect Veneering technique for Simple and Esthetic treatment of anterior hypoplastic teeth- Case report. CONTEMPORARY CLINICAL DENTISTRY October-December 2010 Vol 1 | Issue 4
Cited by 3; Impact factor-

Cited by 0; Impact factor-

Cited by 6; Impact factor 0

Cited by 0; Impact factor-

Cited by 2; Impact factor-

Cited by 0; Impact factor-

Cited by 1; Impact factor-

Setya G, Khatri A, Nandlal B. Formulation Of Fresh 2%Glutaraldehyde For Pulpotomy In Primary Teeth. IJDS Year: 2013 | Vol. 5 | Issue 3 : Page : 7-8
Cited by 0; Impact factor-

Cited by 0; Impact factor-3.28

Cited by 0; Impact factor-

Cited by 0; Impact factor-0.81

BOOKS

LibraryDissertation OnApexogenesis AndApexification
(PUBLISHED BY LAMBERT ACADEMIC PUBLISHER, GERMANY )

Thesis title-Comparative evaluation of shear bond strength of conventional composite resin and nanocomposite resin to sandblasted primary anterior stainless steel crown and spectrophotometric analysis of color stability of these tooth colored restorative materials An In vitro Study

Conference/seminars

- Continuing dental education program Pedodontics update 2008 on 18th & 19th Aug at ITS- CDSR, Muradnagar
- Continuing dental education program Pedodontics update 2008 on 18th & 19th Aug at ITS- CDSR, Muradnagar
- 31st Annual Conference of ISPPD held at ITS-CDSR Ghaziabad on 12th -14th Nov 2009.
- 32nd Annual Conference of ISPPD held at Amrisar on 12th -14th Nov 2010.
- 33rd Annual Conference of ISPPD held at Mangalore on 12th -14th Nov 2011.
- 10th Pedo convention of ISPPD held at Siri fortAudotirium, NEW DELHI
Papers presented

- Comparative evaluation of Color stability of Conventional Composite resin and Nanofilled composite resin in ISPPD Rohtak 2006

- Conservative management of mandibular fracture in Paediatric patient in 31st Annual Conference of ISPPD held at ITS-CDSR Ghaziabad on 12th -14th Nov 2009.

- Dental management of hemophilic child in 32nd Annual Conference of ISPPD held at Amritsar on 12th -14th Nov 2010.

- Comparative evaluation of shear bond stenth of two anterior esthetic crown 33rd Annual Conference of ISPPD held at Mangalore on 12th -14th Nov 2011.

Other Academic achievement

- Successfully organized Pedodontics update 2008 held on 18 and 19 Aug 2008 at ITS CDSR, Muradnagar

- Successfully organized 31st Annual conference of ISPPD held on 12th and 14th Nov 2009 at ITS CDSR, Muradnagar

- Appointed chairperson of Scientific session at 31st Annual conference of ISPPD held on 12th and 14th Nov 2009 at ITS CDSR, Muradnagar

- Appointed chairperson of Scientific session at 10th Pedo convention of ISPPD held at Siri fortAudotirium13,14,15 ,16th March ,NEW DELHI
Pathology

Department of PATHOLOGY

1. Name of the Department: Department of Pathology

2. Year of establishment: 1972

3. Is the Department part of a School/Faculty of the university: Part of a School

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)

   UG, PG & Ph. D

5. Interdisciplinary programmes and departments involved

   Surgicopathology Conference (Department of Surgery & Pathology)
   Dermapathology Conference (Department of Dermatology & Pathology)
   Ortho clinicopath Conference (Department of Orthopaedics & Pathology)

6. Courses in collaboration with other universities, industries, foreign institutions, etc.

   NIL

7. Details of programmes discontinued, if any, with reasons

   NIL

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System

   Semester system for internal examination and Professional examinations as per MCI guidelines - 1st, 2nd and 3rd Professional Examinations for final examination.

9. Participation of the department in the courses offered by other departments

   NIL

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)
### 11. Faculty profile with name, qualification, designation, area of specialization, experience and research under guidance

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>Number of Years of Experience</th>
<th>No. of Ph.D./M.Phil. students guided for the last 4 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Kiran Mishra</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Histopathology, Cytopathology</td>
<td>37</td>
<td>Guide for 1 PhD candidate</td>
</tr>
<tr>
<td>Dr. Meera Sikka</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Hematopathology</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Dr. Vinod Arora</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Histopathology, Cytopathology</td>
<td>32</td>
<td>Co-supervisor for 8 PhD candidates</td>
</tr>
<tr>
<td>Dr. Usha Rani Singh</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Histopathology, Cytopathology</td>
<td>29</td>
<td>Co-supervisor for 4 PhD candidates</td>
</tr>
<tr>
<td>Dr. Satendra</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Hematopathology</td>
<td>35</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Qualification</td>
<td>Position</td>
<td>Specializations</td>
<td>Co-supervisor</td>
<td>Notes</td>
</tr>
<tr>
<td>------------------------------</td>
<td>--------------------------------</td>
<td>------------------------</td>
<td>-----------------------------------</td>
<td>---------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>Dr. Navjeevan Singh Sharma</td>
<td>MD Pathology</td>
<td>Professor</td>
<td>Histopathology Cytopathology</td>
<td>27</td>
<td></td>
</tr>
<tr>
<td>Dr. Sonal Sharma</td>
<td>MD Pathology</td>
<td>Associate Professors</td>
<td>Histopathology Cytopathology</td>
<td>10</td>
<td>Co-supervisor for 3 PhD candidates</td>
</tr>
<tr>
<td>Dr. Mrinalini Kotru</td>
<td>MD Pathology, DM Hematology</td>
<td>Associate Professors</td>
<td>Hematopathology</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Dr. Neelam Wadhwa</td>
<td>MD Pathology</td>
<td>Associate Professors</td>
<td>Histopathology Cytopathology</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>Dr. Nidhi Goyal (from GTB Hospital)</td>
<td>MD Pathology</td>
<td>Asst. Professors</td>
<td>Histopathology Hematopathology Cytopathology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Dr. Priyanka Gogoi (from GTB Hospital)</td>
<td>MD Pathology</td>
<td>Asst. Professors</td>
<td>Histopathology Hematopathology Cytopathology</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Dr. Nadeem Tanveer</td>
<td>MD Pathology</td>
<td>Asst. Professors</td>
<td>Histopathology Hematopathology Cytopathology</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Dr. Preeti Diwaker</td>
<td>MD Pathology</td>
<td>Asst. Professors</td>
<td>Histopathology Hematopathology Cytopathology</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors

Senior Visiting Fellows

NIL
Pathology

Adjunct faculty
NIL

Emeritus professors
NIL

13. Percentage of classes taken by temporary faculty – programme-wise information
NIL

14. Programme-wise Student Teacher Ratio

<table>
<thead>
<tr>
<th>Course</th>
<th>Number of students</th>
<th>Number of Teachers</th>
</tr>
</thead>
<tbody>
<tr>
<td>MBBS</td>
<td>150/per batch (Annual)</td>
<td>13 Faculty members (6 Professors, 3 Associate Professors, 4 Assistant Professors)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>~60 Resident doctors (JR+SR)</td>
</tr>
<tr>
<td>MD Pathology</td>
<td>14/per batch (Annual)</td>
<td>13 Faculty members (6 Professors, 3 Associate Professors, 4 Assistant Professors)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>(For thesis supervision- 2 students/Professor, 1 student/Associate Professor)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>~20 Senior Resident doctors</td>
</tr>
</tbody>
</table>

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

Academic support staff (technical)
Sanctioned not sanctioned department wise
Pathology

Filled:

Actual- Senior Technial Assistant (5), Laboratory Technician (5), Technical Aassistant (5), Lab. Assistant (12), Lab. Attendent (5)

Note: 5 LT, 1 Lab. Assistant & 3 Lab. Attendent are from Delhi Govt.

Administrative staff: sanctioned, filled and actual

Sanctioned

Filled:

Actual: 1 Stenographer & 1 Sore Officer

16. Research thrust areas as recognized by major funding agencies

Histopathology- with thrust area- Dermatopathology, bone pathology, renal pathology and paediatric pathology
Cytopathology
Hematopathology
Immunohistochemistry
Immunocytochemistry
Molecular biology of tumor and molecular haematology- thalassemia, nutritional anemias and enzyme deficiencies by the following techniques:
PCR
Flow Cytometery
FISH

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.

a) National

<table>
<thead>
<tr>
<th>Name of Faculty</th>
<th>Title of the Project</th>
<th>Years</th>
<th>Funded by</th>
<th>Grant Rs.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Sarla Agarwal</td>
<td>Characterization of</td>
<td>Feb’2009</td>
<td>UGC</td>
<td>10.34</td>
</tr>
<tr>
<td>Pathology</td>
<td>Immuno-Histochemical Features of Prostatic Carcinoma in a North Indian Tertiary Care Hospital</td>
<td>– Jan’ 2012</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------</td>
<td>-----------</td>
<td>------</td>
<td></td>
</tr>
<tr>
<td>Dr. Usha Rusia</td>
<td>Effect of Imatinib therapy on CML with special reference to myelofibrosis</td>
<td>2010-11</td>
<td>UGC</td>
<td>9.7 lakhs</td>
</tr>
<tr>
<td>Dr. Sonal Sharma</td>
<td>Study of immunopathological aspects of cutaneous lichen planus in Indian population and effect of topical steroid therapy. Department of Science &amp; Technology, Fast Track Scheme for Young Scientists.</td>
<td>2009-11</td>
<td>DST</td>
<td>20.3 lakhs</td>
</tr>
<tr>
<td>Dr. Neelam Wadhwa</td>
<td>&quot;Expression and Prognostic Relevance of Key Immuno-Histochemical markers in Indian Women with Carcinoma Breast&quot;</td>
<td></td>
<td>DBT</td>
<td>5.33 lakhs</td>
</tr>
<tr>
<td>Dr. Neelam Wadhwa</td>
<td>Characterization of Dysfunctional Angiogenesis in Preeclampsia-Quantification</td>
<td>2012-15</td>
<td>DST</td>
<td>39.3 lakhs</td>
</tr>
</tbody>
</table>
Pathology

| Dr. Mrinalini Kotru | ‘Bone marrow angiogenesis in Chronic Myeloid Leukemia: Multi-parametric study of factors in blood and bone marrow influencing angiogenesis | 2010-13 | Project funded by DST under Fast track Young scientist Scheme. | Rs 13 lacs |

b) International funding agencies

Names of the funding agencies
NIL

Project title
NIL

Grants received project-wise.
NIL

c) Total grants received 97.97 lakhs

18. Inter-institutional collaborative projects and associated grants received

a) National collaboration associated grants received
NIL

b) International collaboration associated grants received
NIL
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

DST-FIST - 3
UGC-SAP/CAS - 2

DPE - NIL
DBT - 1
ICSSR - NIL
AICTE - NIL

Total grants received – **97.97 lakhs**

20. Research facility / centre with

- state recognition
  NIL
- national recognition
  NIL
- international recognition
  NIL

21. Special research laboratories sponsored by / created by industry or corporate Bodies
NIL

22. Publications: Annexure

*Number of papers published in peer reviewed journals (national / international): **129**
* Monographs
  NIL

* Chapters in Books

Usha Rusia, Meera Sikka and Renu Saxena. Precise Haematology Wiley India Pvt Ltd, 2014

Dr. Usha Rusia


Dr. Meera Sikka

Myeloid Sarcoma in Acute Myeloid Leukemia Eds. M.B. Agarwal, 2010 (Chapter)

Dr. Sonal Sharma: 1 Chapter

Dr. Neelam Wadhwa

‘Histopathology of Pre-Invasive Squamous Lesions and Microinvasive Squamous Cell Carcinoma’ in ‘Cancer Cervix: Contemporary Management’. Jaypee Brothers Medical Publishers, Delhi, 2012; Chapter 10, 77-86.

‘Etiopathogenesis of Ovarian Cancer’ in ‘Ovarian Cancer - Comprehensive and Contemporary Management’, Jaypee Brothers Medical Publishers, Delhi, 2009; Chapter 1, 3-10.


* Edited Books

Usha Rusia, Meera Sikka and Renu Saxena. Precise haematology Wiley India Pvt Ltd, 2014
* Books with ISBN with details of publishers

Usha Rusia, Meera Sikka and Renu Saxena. Precise haematology Wiley India Pvt Ltd, 2014

* 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 – 6.06 - 293
* SNIP
* SJR
* Impact Factor – 0.14 – 3.5
* 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

NIL

26. Faculty serving in

a) National committees

NIL

b) International committees
NIL

c) Editorial Boards

Dr Sonal Sharma- Assistant Editor, Indian Journal of Dermatopathology and Diagnostic Dermatology

d) any other

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

Quarterly meet of Workshop on Manual Tissue Microarray (March 2014)
Half yearly meet of Indian Academy of Cytopathologists (March 2014)

28. Student projects
   • percentage of students who have done in-house projects including inter-departmental projects 75%
   • percentage of students doing projects in collaboration with other universities / industry / institute 10%

29. Awards / recognitions received at the national and international level by
   • Faculty

Dr. Meera Sikka:

Dr. Dhirendra Nath IJHBT Award for Best Paper published in 2011 in Indian Journal of Hematology & Transfusion Medicine. The paper was part of the thesis done under the supervision of Dr. Meera Sikka, 10th November, 2011

Dr Usha Rani Singh:

American Society of Clinical Pathology- 2013 Best International Poster
Pathology

Awarded fellowship of Indian Society of Hematology & Transfusion Medicine

**Dr Neelam Wadhwa:**

Best Oral Presentation Award ‘Diagnostic Utility of Neutrophil CD64 in Neonatal Sepsis. 23rd Annual Conference, Delhi Society of Haematology.

- Doctoral / post doctoral fellows
  - NIL
- Students
  - NI

30. **Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.**

  - 2 Quarterly and 1 Annual meet of Delhi Society of Hematology
  - 2 Quarterly and 1 Annual meet of IAPM, Delhi Chapter
  - Workshop on Manual Tissue Microarray (March 2014)
  - Half yearly meet of Indian Academy of Cytopathologists (March 2014)

31. **Code of ethics for research followed by the departments**

  - Each research project of the Department goes through the institutional Ethical Committee

32. **Student profile programme-wise:**

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>NIL</td>
<td>NIL</td>
<td>NIL</td>
<td>NIL</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Male Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIL</td>
<td>NIL</td>
</tr>
<tr>
<td></td>
<td></td>
<td>NIL</td>
<td>NIL</td>
</tr>
</tbody>
</table>
33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>All courses</td>
<td>Selection from all across country for Indian citizens</td>
<td></td>
<td></td>
<td>0</td>
</tr>
</tbody>
</table>

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

(Information with establishment section) Not Applicable

35. Student progression (Information with establishment section)

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>As per national and state entrance examination</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td>DU selection committee</td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
</tbody>
</table>
36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>61.5%</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>0</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>38.5%</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>0</td>
</tr>
</tbody>
</table>

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

- M.Phil. - nil
- Ph.D. - nil
- D.Sc. - nil
- D.Litt. - nil

38. Present details of departmental infrastructural facilities with regard to

a) Library
   
   Available

b) Internet facilities for staff and students
   
   Available for staff

c) Total number of class rooms: Lecture Theatres shared by all departments: 4,
Pathology

Demonstration room: 2, Seminar room: 1

d) Class rooms with ICT facility: None

e) Students' laboratories: 1

f) Research laboratories: 1 (Central Research Lab shared by all departments)

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

a) from the host institution/university

PhD- Dr Neelam Wadhwa

MD

2014 Batch:
Pathology

2013 Batch: Harresh Kumar B, Sandip Barman, Pragya Jain, Garima Jain, Chandan Kumar, Jyotsana Harit, Monika Sharma, Neha Garg, Pooja Sharma, Suman Dhakar, Ruchika Sodhi, Mohit Kumar, Shivangi Chauhan, Aditi Goyal


40. Number of post graduate students getting financial assistance from the university.
   - All postgraduate students get financial assistance from the UGC.

1. Was any need assessment exercise undertaken before the development of new programme (s)? If so, highlight the methodology.

   NIL

42. Does the department obtain feedback from
Pathology

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?

YES -

- In regular intradepartmental faculty meetings and courses committee meetings at the university.
- All teachers have attended medical education CMEs and give their inputs on changing the methods of teaching and developing new curriculum at the university level.

b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?

- Regular workshops on medical education held by the medical education wing of the college discuss student’s feedback and their problems. The feedback is discussed in faulty meetings and helps in evolving new methods of teaching.

c. alumni and employers on the programmes offered and how does the department utilize the feedback?

- Alumni that pass out are asked about their feedback on the positive and negative points of teachings of the department and effort is made to implement changes to improve the teaching standard.

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

Faculty abroad:

Dr Sanjay Sinha

Dr Judy Sarungbam, Fellow at Memorial Sloan Kettering Cancer Centre

Dr Manisha Sharma, Faculty at Homerton University Hospital, London, UK

Dr Kirtee Raparia, Assistant Professor of Pathology, Northwestern
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.
Pathology

Special lectures

1. Dr Kirtee Raparia, Assistant Professor of Pathology, Northwestern University, Feinberg School of Medicine; Chicago. Topic: Interstitial Lung diseases, on 26th July 2014

2. Dr. Sujata Chaturvedi, Professor & Head, Department of Pathology, IHBAS, Delhi. Topic: Processing and Interpretation of Muscle Biopsy, one in 2012 and second on 20 Feb. 2015

Workshops

- Manual Tissue Microarray Workshop conducted by Dr. Usha Rani Singh

Seminar

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

- Audio-visual aids
- Tutorials, Practicals
- Demonstrations
- Didactic lectures
- Seminars
- Journal clubs
- Inter-departmental Conferences
- Clinico-pathologic case discussions
- Teaching during reporting

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?

- Intra and Inter departmental academic meetings, conferences and discussions.

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

- Students and faculty members both participate in the extra curricular activities like
in the annual and semi-annual students festival

48. Give details of “beyond syllabus scholarly activities” of the department.
   - Research activities
   - Lectures in conferences
   - Chairing of academic sessions
   - Participation as faculty in seminars, symposia and workshops

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details.
   NO

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   - Faculty and residents are encouraged to take research projects and also to present their work at various National and International Forum.
   - Faculty also delivers lectures at National and International Forum in their speciality.

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

   **Strengths**
   - High quality faculty members from institutes like AIIMS, PGI Chandigarh and Delhi University.
   - Department is involved in some of the latest techniques like PCR, fish, Flow Cytometry, Immunofluorescence and Immunohisto and cytochemistry.
   - Department is training 14 post graduate students per batch (42 PGs at one time) and 150 UG students per batch.

   **Weaknesses**
   - Lack of space (no resident room, no proper space for residents to do screening)
Shortage of faculty with respect to the number of post graduate students.

Shortage of Lab. Technicians and Lab. Attendants

Unavailability of essential reagents for day today work on several occasions

Opportunities

- Given adequate space and support staff Department can expand into new fields like tissue microarray, confocal and electron microscopy, molecular biology and genetics.

Challenges

- Molecular studies are becoming very important part of Pathology as most of the diagnosis made on the basis of morphology needs to be confirmed by objective techniques like PCR, FISH and Flow Cytometry etc.

Future plans of the department.

- Given adequate space, faculty, laboratory staff and funds the Department plans to:
  - Establish molecular and genetic laboratory.
  - Establish electron microscopy and confocal microscopy laboratory

<table>
<thead>
<tr>
<th>Dr. Vinod Arora</th>
<th>MD Pathology</th>
<th>Professor</th>
<th>Histopathology</th>
<th>Cytopathology</th>
<th>32</th>
<th>Co-supervisor for 8 PhD candidates</th>
</tr>
</thead>
</table>
Publications:


*Number of papers published in peer reviewed journals (national / international): 129

Cited by 0; Impact factor- 1.56


Cited by 0; Impact factor- 1.18


Cited by 0; Impact factor- 1.22


Cited by 0; Impact factor- 0.65


Cited by 0; Impact factor- 1.56


Cited by 1; Impact factor- 0.94


Cited by 0; Impact factor- 1.13


Cited by 1; Impact factor- 1.13


Cited by 2; Impact factor- 1.52


Cited by 0; Impact factor- 1.42


23 Mahajan G, Sikka M, Rusia U and Bhatia MS. Iron Profile in Children with Behavioural Disorders. A prospective study in a tertiary care hospital in Northern India. Ind. J. Hematology & Transfusion; Med. 27(2): 75-80, 2011 Cited by 3; Impact factor- 0.23


28 Aggarwal S, Arora VK: An unusual variant of leiomyoma masquerading preoperatively as sarcoma. Indian J Cancer 2011, 48 (1): 120-121
   Cited by 4; Impact factor- 1.13

   Cited by 3; Impact factor-

   Cited by 2; Impact factor- 1.26

   Cited by 0; Impact factor-

   Cited by 0; Impact factor-

   Cited by 8; Impact factor- 1.8

   Cited by 6; Impact factor- 0.60

   Cited by 0; Impact factor- 2.8

   Cited by 1; Impact factor- 1.19
Cited by 11; Impact factor-

Cited by 11; Impact factor- 1.22

Cited by 2; Impact factor- 1.27

Cited by 1; Impact factor- 1.41

Cited by 1; Impact factor- 0.03

Cited by 2; Impact factor- 0.26

Cited by 2; Impact factor- 1.2

Cited by 3; Impact factor- 0.93

Cited by 9; Impact factor- 0.23
  Cited by 9; Impact factor- 0.67

47 Singh UR, Goyal S, Rusia U. Comparative evaluation of Bone Marrow trephine, biopsies with bone marrow aspirates as tertiary care institutional experience.

  Cited by 7; Impact factor- 1.87

  Cited by 2 ; Impact factor- 1.86

  Cited by 6 ; Impact factor- 1.52

  Cited by 1 ; Impact factor- 0.64

  Cited by 1 ; Impact factor- 1.52

Cited by 2 ; Impact factor- 2.88


Cited by 2 ; Impact factor- 1.63


Cited by 1 ; Impact factor-


Cited by 1 ; Impact factor- 2.06


Cited by 1 ; Impact factor- 2.43


Cited by 1 ; Impact factor- 1.23


Cited by 1 ; Impact factor- 1.41

60 Malhotra KP, Sharma S. Urine Cytology in Paroxysmal Nocturnal Hemoglobinuria.
Cited by 1; Impact factor- 1.52

Cited by 0; Impact factor-

Cited by 3; Impact factor-

Cited by 3; Impact factor-

Cited by 3; Impact factor-

Cited by 0; Impact factor- 0.78

Cited by 0; Impact factor- 0.85


Cited by 1; Impact factor- 0.95

Cited by 0; Impact factor-

Cited by 2; Impact factor- 0.93

Cited by 3; Impact factor- 2.55

Cited by 0; Impact factor- 2.22

Cited by 2; Impact factor- 1.14

Cited by 0; Impact factor- 2.43

Cited by 0; Impact factor- 2.43

Cited by 0; Impact factor- 1.23

Cited by 1; Impact factor- 1.42

Cited by 0.64; Impact factor- 1.42

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 1; Impact factor-

Cited by 0; Impact factor- 2.55

Cited by 1; Impact factor- 3.9

Cited by 2; Impact factor- 1.03

Cited by 2; Impact factor- 0.93

Cited by 0; Impact factor-

Cited by 0; Impact factor-

Cited by 0; Impact factor- 0.41
97 Tomar R, Srivastava R, Arora VK. Relevance of synovial cells in gouty tophus on fine needle aspiration cytology. Indian J Pathol Microbiol. 2014 Jul-Sep;57(3):511-2. Cited by 0; Impact factor-0.64


99 Goyal S, Singh UR, Sharma S, Kaur N. Correlation of mitotic indices, AgNor count, Ki-67 and Bcl-2 with grade and stage in papillary urothelial bladder cancer. Urol J. 2014 Mar 3;11(1):1238-47. Cited by 1; Impact factor-


103 Patnaik N, Agarwal S, Sharma S, Sharma S, Pandhi D. Evaluation of key histologic variables in skin biopsies of patients of borderline leprosy with type 1 lepra reaction. Indian J Dermatol Venereol Leprol. 2014 Sep-Oct;80(5):402-8. Cited by 1; Impact factor-

104 Singh S, Singh N, Dhaliwal U. Near-peer mentoring to complement faculty mentoring of first-year medical students in India. J Educ Eval Health Prof. 2014
Cited by 0; Impact factor - 1.42

Cited by 3; Impact factor - 1.52

Cited by 0; Impact factor -

Cited by 0; Impact factor -

Cited by 0; Impact factor - 0.73

Cited by 0; Impact factor -

Cited by 1; Impact factor -
Cited by 0; Impact factor- 2.60

Cited by 0; Impact factor-

Cited by 2; Impact factor-

Cited by 0; Impact factor- 1.52

Cited by 0; Impact factor- 1.52

Cited by 0; Impact factor- 2.43

Cited by 4; Impact factor-

Cited by 0; Impact factor- 1.52

Cited by 1; Impact factor- 1.52
Cited by 0; Impact factor-

Cited by 2; Impact factor- 0.62

Cited by 0; Impact factor-

Cited by 1; Impact factor-

Cited by 0; Impact factor- 0.40

Cited by 0; Impact factor- 1.57

Cited by 0; Impact factor-

128 Parihar A, Sharma S, Bhattacharya SN, Singh UR. A clinicopathological study of
cutaneous lichen planus. Journal of Dermatology & Dermatologic Surgery
Cited by 0; Impact factor-

Cited by 0; Impact factor- 1.04

* Monographs
  NIL

* Chapters in Books

  Usha Rusia, Meera Sikka and Renu Saxena. Precise Haematology Wiley India Pvt Ltd, 2014

  Dr. Usha Rusia


  Dr. Meera Sikka

  Myeloid Sarcoma in Acute Myeloid Leukemia Eds. M.B. Agarwal, 2010 (Chapter)

  Dr. Sonal Sharma : 1 Chapter

  Dr. Neelam Wadhwa

  ‘Histopathology of Pre-Invasive Squamous Lesions and Microinvasive Squamous Cell Carcinoma’ in ‘Cancer Cervix: Contemporary Management’. Jaypee Brothers Medical Publishers, Delhi , 2012; Chapter 10, 77-86.

Chapter 1, 3-10.


* Edited Books

Usha Rusia, Meera Sikka and Renu Saxena. Precise haematology Wiley India Pvt Ltd, 2014

* Books with ISBN with details of publishers

Usha Rusia, Meera Sikka and Renu Saxena. Precise haematology Wiley India Pvt Ltd, 2014

* 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 – 6.06 - 293
* SNIP
* SJR
* Impact Factor – 0.14 – 3.5
* h-index
Pharmacology

Department of Pharmacology

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, Pharmacovigilence Programme of India (PvPI)
5. Interdisciplinary programmes and departments involved: Dental (MD), Nursing
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)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>Associate Professors</td>
<td>4</td>
<td>3*</td>
<td>*As Asst. Prof.</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>5</td>
<td>1</td>
<td>(On EOL for 6 months wef.21.10.201)</td>
</tr>
<tr>
<td>Others (Senior Resident)</td>
<td>7</td>
<td>7</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>Experience (Years)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Rachna Gupta</td>
<td>MBBS, MD</td>
<td>Asstt. Professor</td>
<td>Pharmacology</td>
<td>12 yrs</td>
</tr>
<tr>
<td>Name</td>
<td>Qualification</td>
<td>Position</td>
<td>Department</td>
<td>Years</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------</td>
<td>----------------</td>
<td>----------------</td>
<td>-------</td>
</tr>
<tr>
<td>Dr. Seema Jain</td>
<td>MBBS, MD</td>
<td>Asstt. Professor</td>
<td>Pharmacology</td>
<td>9.5</td>
</tr>
<tr>
<td>Dr. Sumita Halder</td>
<td>MBBS, MD</td>
<td>Asstt. Professor</td>
<td>Pharmacology</td>
<td>8</td>
</tr>
<tr>
<td>Dr. Neeta Wardhan</td>
<td>MBBS, MD</td>
<td>Asstt. Professor</td>
<td>Pharmacology</td>
<td>On EOL for 6 months w.e.f. 21.10.2014</td>
</tr>
</tbody>
</table>

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 Nos.

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)- 5/24( total-29)
   - 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,
Pharmacology

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) – Dr Rachna Gupta serving as a member of Dissection Monitoring Committee of LHMC, Delhi

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

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass percentage Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 33. Diversity of students - NA

<table>
<thead>
<tr>
<th>Name of the Programme (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 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

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td></td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>• Entrepreneurs</td>
<td></td>
</tr>
</tbody>
</table>
36. **Diversity of staff**

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
<th>Zero</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td></td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>Zero</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>100%</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>Zero</td>
</tr>
</tbody>
</table>

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 - Two
   
   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 - Five

   b) from other institutions/universities - Eight

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name</th>
<th>Designation</th>
<th>Joining Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Manu Kumar</td>
<td>Sr. Resident</td>
<td>09.07.2013</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Veeranna Karadi</td>
<td>Sr.Resident</td>
<td>28.07.2014</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Vijay Laxmi</td>
<td>Sr. Resident</td>
<td>26.07.2014</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Tripti Rastogi</td>
<td>Sr. Resident</td>
<td>28.07.2014</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Chetan Bhagale</td>
<td>Sr.Resident</td>
<td>28.07.2014</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Rahul Arora</td>
<td>Sr. Resident</td>
<td>27.02.2015</td>
</tr>
<tr>
<td>7</td>
<td>Dr. Aman Veer Singh</td>
<td>Sr. Resident</td>
<td>27.02.2015</td>
</tr>
<tr>
<td>8</td>
<td>Dr. Ankit Kumar</td>
<td>Jr. Resident(PG 3rd year)</td>
<td>14.07.2012</td>
</tr>
<tr>
<td>9</td>
<td>Dr. Suresh Kasi</td>
<td>Jr. Resident(PG 3rd year)</td>
<td>01.06.2012</td>
</tr>
</tbody>
</table>
40. Number of post graduate students getting financial assistance from the university – Eleven (Stipend + Book Allowance + Thesis Allowance).

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. Pharmacovigilence Programme of India, Ministry of Health & Family Welfare, Govt. of India.

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
Pharmacology

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
Pharmacology

(Annexure I)

Publications

   Cited by 4; Impact factor- 0.75

   Cited by 16; Impact factor- 2.339

   Cited by 9; Impact factor- 2.397

   Cited by 10; Impact factor- 2.360

   Cited by 26; Impact factor- 2.61

   Cited by 9; Impact factor- 2.405

   Cited by 10; Impact factor-
   Cited by 8; Impact factor- 0.507

   Cited by 4; Impact factor- 2.360

   Cited by 14; Impact factor- 2.402

   Cited by 4; Impact factor- 1.407

   Cited by 7; Impact factor- 1.407

   Cited by 0; Impact factor-

   Cited by 10; Impact factor- 1.407

   Cited by 4; Impact factor- 2.360
Cited by 4; Impact factor - 0.383

Cited by 1; Impact factor - 1.647

Cited by 4; Impact factor - 1.407

Cited by 7; Impact factor - 1.407

Cited by 2; Impact factor -

Cited by 0; Impact factor -

Cited by 0; Impact factor - 1.089
Cited by 3; Impact factor- 2.796

Cited by 4; Impact factor-

Cited by 0; Impact factor- 0.296

Cited by 0; Impact factor- 2.754

Cited by 0; Impact factor- 0.296

Cited by 1; Impact factor- 2.70

Cited by 0; Impact factor-
**Department of Physiology**

1. Name of the Department: DEPARTMENT OF PHYSIOLOGY, UCMS
2. Year of establishment: 1971 at North Campus, University of Delhi
3. Is the Department part of a School/Faculty of the university? Yes

   Part of University College of Medical Sciences, affiliated to Faculty of Medical Sciences, University of Delhi. UCMS is a maintained institution of University of Delhi.

4. Names of programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., D.Sc., D.Litt., etc.)- UG: M.B.B.S. Programme, PG: MD Physiology, PhD

5. Interdisciplinary programmes and departments involved: Teaching Physiology to B.Sc. Radiography, MDS students of UCMS and Bachelor of Physiotherapy (BPT) students of Amar Jyoti Institute of Rehabilitation, University of Delhi.

6. Courses in collaboration with other universities, industries foreign institutions, etc.: None.

7. Details of programmes discontinued, if any, with reasons - Nil

8. Examination System: √Annual/√Semester:
   UG (MBBS) : Annual examination at the end of 2"nd semester
   PG (MD) : Annual Summative examination at the end of 3 years of course

9. Participation of the department in the courses offered by other departments- Yes
   As explained in point 5.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others): As on 30.03.2015

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>2</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>4</td>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>4</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

344
Physiology

| Others(Senior Resident) | 8 | 7 | 6 |

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>Experience (years)</th>
<th>Research under Guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr. Nilima Shankar</td>
<td>MBBS, MD</td>
<td>Professor and Head</td>
<td>Physiology</td>
<td>36</td>
<td>1 or more MD students per year</td>
</tr>
<tr>
<td>Dr. Neelam Vaney</td>
<td>MBBS, MD</td>
<td>Professor</td>
<td>Physiology</td>
<td>29</td>
<td>1 or more MD students per year</td>
</tr>
<tr>
<td>Dr. Farah Khaliq</td>
<td>MBBS, MD, PhD</td>
<td>Associate Professor</td>
<td>Physiology</td>
<td>17</td>
<td>1 or more MD students per year</td>
</tr>
<tr>
<td>Dr. Satendra Singh</td>
<td>MBBS, MD, FAIMER</td>
<td>Assistant Professor</td>
<td>Physiology</td>
<td>9</td>
<td>1 or more MD students per year</td>
</tr>
<tr>
<td>Dr. Manish Gupta</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
<td>Physiology</td>
<td>11</td>
<td>1 or more MD students per year</td>
</tr>
<tr>
<td>Dr. Asha Yadav</td>
<td>MBBS, MD</td>
<td>Assistant Professor</td>
<td>Physiology</td>
<td>12</td>
<td>1 or more MD students per year</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors - Nil

13. Percentage of classes taken by temporary faculty – programme-wise information - Nil. No temporary faculty

14. Programme-wise Student Teacher Ratio –

- UG (MBBS) : 25 students / teacher
- PG (MD) : 1 student / 2 teachers

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual – Filled posts 10 Nos.

16. Research thrust areas as recognized by major funding agencies – Yoga therapy

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. – Nil
18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration- Nil
   b) International collaboration – Nil

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received –

<table>
<thead>
<tr>
<th>Principal Investigator(s)</th>
<th>Title of the Project</th>
<th>Funded by</th>
<th>Grant Rs.</th>
<th>Duration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Savita Singh (Retired as HOD in 2013) &amp; Dr Asha Yadav</td>
<td>The effect of yoga therapy on coagulation profile, lipid profile, lung diffusion capacity and quality of life in patients with coronary artery disease</td>
<td>CCRYN, Ministry of Health and Family Welfare, Govt. of India.</td>
<td>17 lakhs</td>
<td>2010-12</td>
</tr>
</tbody>
</table>

20. Research facility / centre with
   • state recognition – Nil
   • national recognition - Nil
   • international recognition -Nil

21. Special research laboratories sponsored by / created by industry or corporate bodies - Nil

22. Publications: (List of Publications enclosed as ANNEXURE I)

   Information from year 2009 to 2014
   * Number of papers published in peer reviewed journals (national / international): 88
     * Monographs: Nil
     * Chapters in Books: 2
     * Edited Books: Nil
     * Books with ISBN with details of publishers: 2
     * 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. Nilima Shankar: Appointed as External Examiner M.B.B.S. Programme of Studies at Sir Seewosagur Ramgoolam Medical College (SSRMC), University of Mauritius, Reduit, Mauritius. – To oversee the curriculum and conduct of I Prof., II Prof. & Final Prof. M.B.B.S. (Part I & Part II) examinations for academic year 2012-14.

26. Faculty serving in

a) National committees
b) International committees
c) Editorial Boards
d) any other

<table>
<thead>
<tr>
<th>Dr Nilima Shankar</th>
<th>Joint Secretary of Association of Physiologists of India.</th>
<th>2014</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member, Editorial Board, Indian Journal of Pain</td>
<td>2011-12</td>
</tr>
<tr>
<td></td>
<td>Member of the MCI Expert group for the revision of Standard of Assessment of the PG course in Physiology</td>
<td>2012</td>
</tr>
<tr>
<td></td>
<td>Member of the expert group of MCI for finalizing the list of equipments in Physiology for Medical colleges</td>
<td>2011</td>
</tr>
<tr>
<td></td>
<td>External expert for the Board of studies in Physiology of Teerthankar Mahavir University, Moradabad, UP</td>
<td>2011</td>
</tr>
<tr>
<td></td>
<td>Member of National AIDS Committee (NACO), constituted by Ministry of Health and Family Welfare, GOI</td>
<td>1997-99</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Dr Neelam Vaney</th>
<th>Member of Amariyoti IRB</th>
<th>2014-2019</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Member of Board of Studies Aligarh Muslim University</td>
<td>2014-2015</td>
</tr>
<tr>
<td></td>
<td>Executive editor, Indian Journal of Medical Specialities</td>
<td>2010</td>
</tr>
<tr>
<td></td>
<td>Member, Governing Body, Amar Jyoti Institute of Rehabilitation, Delhi</td>
<td>2006</td>
</tr>
</tbody>
</table>
Dr Satendra Singh

<table>
<thead>
<tr>
<th>Activity</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elected member from UCMS &amp; GTB Hospital for the member post of Delhi Medical Council</td>
<td>2015-2019</td>
</tr>
<tr>
<td>Appointed Member, Institutional Committee for Stem Cell Research, Institute of Nuclear Medicine and Allied Sciences (INMAS), Defence Research &amp; Development Organization (DRDO), Delhi</td>
<td>2015-2017</td>
</tr>
<tr>
<td>Invited for consultation on HIV/AIDS Bill 2014 at Delhi Secretariat</td>
<td>2015</td>
</tr>
<tr>
<td>Editor of Dr Pulse vertical of TheMediTube.Com</td>
<td>2014</td>
</tr>
<tr>
<td>Appointed Member, Medical Education committee of Indian Academy of Cerebral Palsy</td>
<td>2014</td>
</tr>
<tr>
<td>Member, Editorial board of Indian Pediatrics</td>
<td>2014</td>
</tr>
<tr>
<td>Associate Editor, Research and Humanities in Medical Education</td>
<td>2014</td>
</tr>
<tr>
<td>Member, Editorial board of Journal of Education Technology in Health Sciences</td>
<td>2014</td>
</tr>
<tr>
<td>Appointed Associate Editor of International Journal of User-driven Health care</td>
<td>2013</td>
</tr>
<tr>
<td>Member, Editorial board of Journal of Education Evaluation for Health Professions</td>
<td>2010-13</td>
</tr>
<tr>
<td>Member, Editorial board of Medical Education Development</td>
<td>2010-13</td>
</tr>
<tr>
<td>Member, Editorial board of Australasian Medical Journal</td>
<td>2011-13</td>
</tr>
<tr>
<td>Associate Editor, Journal of Clinical and Diagnostic Research</td>
<td>2011-13</td>
</tr>
<tr>
<td>Associate Editor, International Journal of Drug Discovery</td>
<td>2010-15</td>
</tr>
</tbody>
</table>

27. Faculty recharging strategies (UGC, ASC, Refresher / orientation programs, workshops, training programs and similar programs).

- All faculty members regularly attend workshops, conferences or training programs related to Physiology
- Workshops and training programs related to Medical Education / Teaching learning methodologies conducted by the MEU of UCMS and at other centres regularly attended by the faculty
28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: All PG students mandatorily require to do in-house project work in the form of their thesis. This is usually done in collaboration with other departments. Nearly 2-5% of UG students also do in-house projects with the department.

- percentage of students doing projects in collaboration with other universities/industry/institute - Every year 25-50% of PG students do projects in collaboration with industry or other institutes. Every year 2-3% UG students also do projects under ICMR Short Term Student Fellowship (STS) or DST Kishore Vaigyanik Prtsahan Yojana (KVPY).

29. Awards / recognitions received at the national and international level by

- Faculty:

<table>
<thead>
<tr>
<th>NAME</th>
<th>AWARD</th>
<th>DATE RECEIVED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr Nilima Shankar</td>
<td>Exchange of Scientist program jointly implemented by Indian National Science Academy (INSA) and The Royal Society, London to work in Department of Physiology, University of Wales College of Cardiff, UK</td>
<td>1993</td>
</tr>
<tr>
<td>Dr Farah Khaliq</td>
<td>Prof RC Shukla Oration Award for Best research work in Cardiovascular Physiology at Annual Conference of Association of Physiologists and Pharmacologists of India, APPICON 2012 Meerut</td>
<td>Oct 2012</td>
</tr>
<tr>
<td>Dr Satendra Singh</td>
<td>NCPEDP-Mphasis Universal Design Award 2013 given by MoS, MSJE</td>
<td>Aug 2013</td>
</tr>
<tr>
<td>Dr Satendra Singh</td>
<td>Awarded Foundation for Advancement in International Medical &amp; Research (FAIMER) fellowship at CMCL</td>
<td>Feb 2013</td>
</tr>
</tbody>
</table>

- Doctoral / post doctoral fellows - Nil
- Students -
  Ms. Sonal Pruthi and Mr. Shan-e-Alam won the Inter-College Physiology Quiz Competition- 2010, organized by the Department
30. Seminars/ Conferences/Workshops organized and the source of funding (national/International) with details of outstanding participants, if any

- National symposium on Emerging Role of Physiology and Lifestyle Interventions in Health Sciences (EPLI-1) on 29th Feb – 1st Mar 2008 sponsored by Central Council for Research in Yoga and Naturopathy (CCRYN), Ministry of Health and Family Welfare, GOI and Defence Research and Development Organisation (DRDO). Participants included Dr K. N Sharma (Executive Director, MS Ramaiah Medical Institute and Hospital, Bangalore), Prof. B.T. Chidananda Murthy (Director, CCRYN), Dr Ramesh Bijlani (Former HOD, Department of Physiology, AIIMS, Delhi)

- National symposium on Emerging Role of Physiology and Lifestyle Interventions in Health Sciences: An update on Nutrition (EPLI-2) on 18th Sep 2009. Participants included Dr. K.N. Sharma, Dr O.P Tandon (Former Principal and HOD, Physiology, UCMS), Dr Sridhar Dwivedi (Principal and Dean, Hamdard Medical College, Delhi) and Dr Shikha Sharma (Consultant Dietician of National Repute)

- Symposium on “Holistic Approach to Stress Management “under the aegis of EPLI–3 (Emerging role of Physiology & Lifestyle Interventions in Health Sciences) on 4th May 2013. Participants included Dr K.N. Sharma, Dr. Shikha Sharma, Dr W Selvamurthy (Director, DRDO)

31. Code of ethics for research followed by the departments – All research projects are conducted as per national and international guidelines following approval of Institutional Ethical Committee (IEC).

32. Student profile programme-wise: - Students from both genders selected.

33. Diversity of students – Indian citizens selected from across the country through competitive entrance examination with proper representation of states and various communities (as per the GOI reservation rules)

34. How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise. Information not available with the Department

35. Student progression – Information not available with the Department
Physiology

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>As per University of Delhi examinations and selection boards</td>
</tr>
<tr>
<td>PG to M.Phil.</td>
<td></td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td></td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td></td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>• Campus selection</td>
<td></td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>Information not available with the department</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period –
One PhD degree awarded to Dr Farah Khaliq (Associate Professor), in 2013, from University of Delhi
Thesis Title: “Effect of Terminalia arjuna bark on autonomic control and myocardial function in Streptozotocin induced diabetic rats.”

38. Present details of departmental infrastructural facilities with regard to a) Library – Yes, 100 books available
b) Internet facilities for staff and students -Available
c) Total number of class rooms – Centralised Lecture theatres and examination hall available for lecture, examination and large group teaching. For small group teaching, one demonstration room and one seminar room only.
39. List of doctoral, post-doctoral students and Research Associates

a) from the host institution/university--Nil
b) from other institutions/universities –Nil

40. Number of post graduate students getting financial assistance from the university- Presently four PG students (Stipend + Book Allowance + Thesis allowance)

41. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology. – Yes. Feedback from, and discussions with, faculty and concerned stakeholders was done to develop the new teaching programs. For example, Physiology curriculum for BPT

42. Does the department obtain feedback from

a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? – Yes, during departmental weekly meetings. Utilized on a regular basis for improvement of teaching – learning methodology
b. students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? – Yes. Utilized for improvement of teaching – learning methodology
c. alumni and employers on the programmes offered and how does the department utilize the feedback? – No

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

Dr Nilima Shankar – Prof. & Head, Deptt. of Physiology, UCMS, Delhi. UCMS- 1971 UG Batch, 1984 PG Batch

Dr S. S. Sircar - Prof & Head- Deptt. of Physiology, AIIMS, Jodhpur. UCMS- 1986 PG batch

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

For UGs
External (both national and international) faculty lectures and talks, conferences and mentorship programs

For PGs
External faculty lectures and talks, CPC, monthly research presentations of various departments, Thesis workshops and other MEU activities of the institution as well as the workshops and scientific sessions in other institutions under supervision of external faculty

45. List the teaching methods adopted by the faculty for different programmes.
- Classical Lecture/Tutorials/Practical Methodology
- Innovative methodologies like Problem Based Learning Modules (PBL), Clinically Oriented Graphs & Charts, Quiz and OSPEs.
- Students Seminars: Each student participates either as a speaker or a discussant in a seminar, on a topic of applied physiology, allotted to his batch. The students are judged by the faculty and the best speaker is given a merit certificate and, at times, a sponsored award in the form of medical textbook.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?
For Undergraduates
- Through regular tutorial sessions in small groups
- Through regular student seminars conducted under supervision of faculty
- Through evaluation methodologies including Assessment Tutorials, Class Tests, Practical Assessments, and Terminal & Sent up examinations in both theory & practical

For Postgraduates
- Regular seminars and journal clubs including research presentation of the thesis work.
- Formative assessment of each unit of the subject followed by discussion and feedback to them on their performance

47. Highlight the participation of students and faculty in extension activities.
- Participation of faculty, residents and technical staff of the department in community outreach activities like Pulse Polio Program.
48. Give details of “beyond syllabus scholarly activities” of the department.
   –
   Active participation of faculty in organising scientific and academic events like workshops, medical debates, quiz and conferences on nutrition, stress management & lifestyle modification. Faculty, as Judges during scientific meets, also give expert opinions on UG and PG research presentations, both oral and poster presentation.

49. State whether the programme/department is accredited/graded by other agencies? If yes, give details. – MCI recognized for UG and PG programs

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. –
   Through original research projects, scientific work and PhD projects, as evident from publications of the department.

51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
   **Strengths:**
   - Well equipped Lecture Theatres and Laboratories for undergraduates.
   - Dedicated faculty and technical staff
   - Faculty keen on conducting innovative teaching methodologies like PBL, Quiz and OSPE.
   - Robust and well validated UG and PG training programs
   - Freedom to pursue independent research.

   **Weakness:**
   - Shortage of faculty: Student – teacher ratio to be increased
   - Lack of space for small group teaching
   - Lack of integration of topics taught by various departments during undergraduate teaching.

   **Opportunities**
   - College is under University of Delhi, a premier central university of India, and thus has a good curriculum as well as standard of education.
   - This also helps to attract good faculty and funds for research.

   **Challenges**
   - Post graduate research facilities to be enhanced.
   - To make UG teaching more integrated between the various subjects.
   - To improve the faculty strength.
52. Future plans of the department.-

- To develop the Clinical laboratories for investigations of patients: Autonomic Function Testing, Pulmonary function tests, Neurophysiology tests including Nerve conduction, EMG & evoked potential studies

- Providing alternative therapy in the form of Yoga to a large section of patients via the Yoga centre in the department
Publications in 2009


18. Khaliq F and Tripathi P. Acute effects of formalin on pulmonary functions in gross anatomy laboratory. Ind J Physiol Pharmacol. 2009; 53(1); 93-96
Publications in 2010


Publications in 2011


Publications in 2012


Publications in 2013


Publications in 2014


Books:

Chapters in Books:
Department of Psychiatry

1. Name of the Department: Psychiatry
2. Year of establishment: 1988
3. Is the Department part of a college/Faculty of the university?: Yes
4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.): UG, PG, Ph.D
5. Interdisciplinary programs and departments involved: Yes
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: Jamia Milia Islamia University, IGNOU, Ambedkar University.
7. Details of programs discontinued, if any, with reasons: Nil
8. Examination System: Annual/Semester/Trimester/Choice Based Credit System: Annual
9. Participation of the department in the courses offered by other departments: M.D, Ph.D
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>2</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Lecturer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Resident</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dr M.S Bhatia</td>
<td>M.D</td>
<td>Prof &amp; Head</td>
<td>Psychiatry</td>
<td>30 years</td>
</tr>
<tr>
<td>Dr Shruti Srivastava</td>
<td>D.N.B</td>
<td>Asst Prof</td>
<td>Psychiatry</td>
<td>6 years</td>
</tr>
</tbody>
</table>
12. List of senior Visiting Fellows, adjunct faculty, emeritus professors: None
13. Percentage of classes taken by temporary faculty – program-wise information: None
14. Program-wise Student Teacher Ratio: As per D.U/M.C.I norms
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual: 1 (supporting administrative staff)
16. Research thrust areas as recognized by major funding agencies: Epidemiology, clinical pattern & treatment methods of common mental disorders
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: National (ICMR studentship, grant as per ICMR norms)
18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration: NA
19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. Nil
20. Research facility / centre with
   ● state recognition: NA
   ● national recognition: NA
   ● international recognition: NA
21. Special research laboratories sponsored by / created by industry or corporate bodies: None
22. Publications: List of last 5 years publication attached
   * Number of papers published in peer reviewed journals (national / international);
   * Monographs
   * Chapters in Books
   * Books edited
   * Books with ISBN with details of publishers
   * Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
   * Citation Index – range / average
   * SNIP
Psychiatry

* SJR
* Impact Factor – range / average
* h-index

23. Details of patents and income generated : Nil

24. Areas of consultancy and income generated :

Dr M. S. Bhatia- UPSC/CSIR/ICMR/MCI/NML(honorary consultation)
Dr Shruti Srivastava- ICMR(honorary consultation)

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad(last 5 years): Nil

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (specify) :

<table>
<thead>
<tr>
<th>International committees /National committees/ Editorial Boards</th>
<th>Name of faculty</th>
</tr>
</thead>
<tbody>
<tr>
<td>ICD-11 trail by W.H.O</td>
<td>Dr M.S Bhatia</td>
</tr>
<tr>
<td>Journal - Torture</td>
<td>Dr M.S Bhatia</td>
</tr>
<tr>
<td>Indian Psychiatric Society- member of editorial board;</td>
<td>Dr M.S Bhatia</td>
</tr>
<tr>
<td>Subcommittee on Women Mental Health</td>
<td>Dr M.S Bhatia (convener)</td>
</tr>
<tr>
<td>Subcommittee on Violence against women</td>
<td>Dr M.S Bhatia (convener)</td>
</tr>
<tr>
<td>Drug Controller General of India, Ministry of health and family welfare</td>
<td>Dr M.S Bhatia (experts)</td>
</tr>
<tr>
<td>Drug Controller General of India, Ministry of health and family welfare</td>
<td>Dr Shruti Srivastava (experts)</td>
</tr>
<tr>
<td>Short term studentship (STS programme) project- ICMR</td>
<td>Dr Shruti Srivastava (expert)</td>
</tr>
<tr>
<td>Short term studentship (STS programme) project- ICMR</td>
<td>Dr M.S Bhatia (expert)</td>
</tr>
<tr>
<td>UPSC/MCI/CSIR/NML/NAMS/UGC</td>
<td>Dr M.S Bhatia (expert)</td>
</tr>
<tr>
<td>Delhi Psychiatry Journal</td>
<td>Dr M.S Bhatia (editor)</td>
</tr>
<tr>
<td></td>
<td>Dr Shruti Srivastava (Associate editor)</td>
</tr>
<tr>
<td>Journal</td>
<td>Dr M.S Bhatia (editorial role)</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>Journal of Mental Health and Human behaviour</td>
<td></td>
</tr>
<tr>
<td>Indian Journal of Social Psychiatry</td>
<td>Dr M.S Bhatia (member of editorial board)</td>
</tr>
<tr>
<td>Indian Pediatrics</td>
<td>Dr M.S Bhatia (reviewer)Dr Shruti Srivastava (reviewer)</td>
</tr>
<tr>
<td>Medicine, Science, Law</td>
<td>Dr M.S Bhatia (reviewer)Dr Shruti Srivastava (reviewer)</td>
</tr>
<tr>
<td>Addiction, Quality of Life Research</td>
<td>Dr Shruti Srivastava (reviewer)</td>
</tr>
<tr>
<td>Journal of Mental Health</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>British Journal of Medical Psychology</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Journal of Psychosomatic Research</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>International Journal of Psychiatry and Medicine</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Industrial Psychiatry Journal</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Journal of Clinical and Diagnostic Research</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Sky Journal of Medicine and Medical Sciences</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Indian Journal of Community Medicine</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Journal of AIDS and HIV research</td>
<td>Dr M.S Bhatia (reviewer)</td>
</tr>
<tr>
<td>Dysphrenia</td>
<td>Dr M.S Bhatia (member of editorial board)</td>
</tr>
</tbody>
</table>
Indian Journal of Medical Research | Dr M.S Bhatia (reviewer)
---|---
Nicotine and Tobacco Research | Dr M.S Bhatia (reviewer)
Indian Journal of Psychiatry | Dr M.S Bhatia (reviewer)
Indian Psychiatric Society | Dr M.S Bhatia (Member of the expert committee to frame expert guidelines of various psychiatric disorders.)
JamiaHamdard University | Dr M.S Bhatia (expert)
| Dr Shruti Srivastava (expert)
Asian Journal of Psychiatry | Dr M.S Bhatia (reviewer)
Indian Journal of Biological Psychiatry | Dr M.S Bhatia (associate editor)

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

1. Orientation program for medical, paramedical staff of GTB Hospital
2. Gender Sensitization for medical, nursing students and other staff.
4. Workshops, training program (CME) and Conference for psychiatrist under Delhi Psychiatric Society, North Zone Indian Psychiatric Society, and Annual National Conference of Indian Psychiatric Society.
5. Caregiver program for various Psychiatric disorders in the department of Psychiatry, UCMS
6. Participation in the workshop of Medical Education Unit (MEU)

28. Student projects
   - percentage of students who have taken up in-house projects including inter-departmental projects
1/year under ICMR STS

- percentage of students doing projects in collaboration with other universities / industry / institute

2 students from Jamia Millia Islamia University

29. Awards / recognitions received at the national and international level by – Faculty -

- Dr M S Bhatia -
  1. Dr. Ravi Nehru Memorial Award of Delhi Psychiatric Society for best published paper in Neuropsychiatry/ Neuropsychology - November 2014
  2. Dr. Ravi Nehru Memorial Award of Delhi Psychiatric Society for best published paper in Neuropsychiatry/ Neuropsychology - November 2013

- Dr M S Bhatia, Dr Anubhav Rathi, Dr Anurag Jhanjee, Dr Shruti Srivastava
  1. Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society - November 2013
  2. Best Poster award in Annual Conference of Delhi Psychiatric Society - November 2012
  3. Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society - November 2011

- Dr M S Bhatia, Dr Shruti Srivastava, Dr Priyanka Gautam
  1. Dr. Ravi Pande Memorial Award of Delhi Psychiatric Society - 15th December 2014

- Dr M S Bhatia, Dr Shruti Srivastava
  1. Dr. A.K. Kala Award of Biological Psychiatry of Indian Psychiatric Society - 22nd December 2014
  2. Best Paper in Conference of Delhi Psychiatric Society Indian Psychiatric Society (North Zone) - November 2014
  3. Best Paper in Conference of Delhi Psychiatric Society Indian Psychiatric Society (North Zone) selected for presentation for Bombay Psychiatry Award of Indian Psychiatric Society - November 2014

- Doctoral / post doctoral fellows - nil
- Students - nil
30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

Organized in Delhi

- Member, Organising Committee of 63rd Annual National Conference of Indian Psychiatric Society, January 2011, Delhi. (Funding by Indian Psychiatric Society)
- Member, Organising Committee of 38th Annual National Conference of Indian Psychiatric Society, North Zone, 26-27th October, 2013, Delhi. (Funding by Indian Psychiatric Society – NZ)

Organized in College Premises every year since 2010 (Funding by Department)

- Public lecture on Schizophrenia, Department of Psychiatry
- Public lecture on “No Tobacco Day”- Pharmacological and nonpharmacological management of Nicotine Dependence
- CME on Depression & Medical comorbidity
- CME on Schizophrenia
- CME on Dementia-Psychiatric & Neurological aspects
- Public lecture on Mental Disorders-myths and misconceptions
- Public lecture on Alcohol Dependence
- Public lecture on Common Mental Disorders
- Public lecturer on diagnosis and management of sleep disorders
- CME & Public Lecture on Psychosexual Disorders
- CME on Management of Sleep Disorders

31. Code of ethics for research followed by the departments - as per ICMR/IEC Guidelines

32. Student profile program-wise:

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected</th>
<th>Pass percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>PhD</td>
<td>2</td>
<td>2</td>
<td>2</td>
</tr>
<tr>
<td>MD (Co Supervisor) Dr M.S Bhatia Dr Shruti Srivastava</td>
<td>24</td>
<td>15</td>
<td>9</td>
</tr>
</tbody>
</table>
33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhD</td>
<td>80%</td>
<td>20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>M Phil</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA Psychology</td>
<td>100%</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BA Psychology</td>
<td>80%</td>
<td>20%</td>
<td></td>
<td></td>
</tr>
<tr>
<td>MA Sociology</td>
<td>90%</td>
<td>10%</td>
<td></td>
<td></td>
</tr>
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</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. – Data available with College authorities

35. Student progression-

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>Data not available</td>
</tr>
<tr>
<td>PG to M.Phil, DM / M Ch / DNB</td>
<td>Nil</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>Nil</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
<tr>
<td>Employed</td>
<td></td>
</tr>
<tr>
<td>- Campus selection- nil</td>
<td></td>
</tr>
<tr>
<td>- Other than campus recruitment- 100%(PhD pass-outs)</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>Nil</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

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

363
38. Present details of departmental infrastructural facilities with regard to
   a) Library - yes
   b) Internet facilities for staff and students - yes
   c) Total number of class rooms - none
   d) Class rooms with ICT facility and ‘smart’ class rooms - None
   e) Students’ laboratories - None
   f) Research laboratories - None

39. List of doctoral, post-doctoral students and Research Associates
   a) From the host institution/university - Dr Ravi Gupta, Dr Maryam Safara
      (Delhi University)
   b) From other institutions/universities - Dr Shahzadi Malhotra (Jamia Milia
      Islamia University)

40. Number of post graduate students getting financial assistance from the
    university. – Not Applicable

41. Was any need assessment exercise undertaken before the development of
    new program(s)? If so, highlight the methodology. – Not Applicable

42. Does the department obtain feedback from
   a. faculty on curriculum as well as teaching-learning-evaluation? If yes, how does
      the department utilize the feedback? - Yes, to improve the content and method of
      teaching.
   b. students on staff, curriculum and teaching-learning-evaluation and how does
      the department utilize the feedback? - Yes, to improve the content and method
      of teaching.
   c. alumni and employers on the programs offered and how does the department
      utilize the feedback? - Yes, to improve the content and method of teaching.

43. List the distinguished alumni of the department (maximum 10) - None

44. Give details of student enrichment programs (special lectures / workshops / seminar)
    involving external experts. 2 to 3 per year.

45. List the teaching methods adopted by the faculty for different programs including
    clinical teaching. – Lectures, seminars, case presentations, demonstrations, workshops

46. How does the department ensure that program objectives are constantly met
    and learning outcomes are monitored? By repeatedly conducting assessment of
    teaching program and students.

47. Highlight the participation of students and faculty in extension activities. - Nil
48. Give details of “beyond syllabus scholarly activities” of the department.
   Essay competitions, poster competitions.

49. State whether the program/ department is accredited/ graded by other agencies?
   If yes, give details. No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. List attached

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

   **Strengths:** dedicated, hardworking staff, involvement in different co curricular activities, research work, editing and publishing of Delhi Psychiatry Journal, making innovative contribution to the field of mental health.

   **Weakness:** shortage of trained staff, infrastructure, equipments, indoor and outdoor facilities not as per the norm.

   **Opportunities:** Availability of wide ranges of educational, clinical and research material

   **Challenges:** Community mental health, implementation of National Mental Health Program and training of health personnel and teachers. Creating awareness about mental health problems and resulting disability in caregivers and general population.

52. Future plans of the department.
   a) Separate block for providing outdoor and indoor services
   b) Trained manpower for effectively providing the comprehensive mental health services.
   c) Implementation of aims and objectives of National Mental Health Program and Mental Health Policy
   d) Starting separate de addiction, clinic and ward.
   e) Starting separate indoor services for child and adolescents.
   f) Starting emergency services and crisis intervention.
List of Innovations (by Dr. M.S.Bhatia)

- Described for the first time in literature – Culture bound trichotillomania
- Described for the first time from India – Compulsive spitting in psychiatric disorders
- Described for the first time in literature – Culture bound symptoms in India
- Described for the first time in literature – Seminal retention syndrome in India
- Described for the first time in literature – Culture bound pica in India
- Described for the first time in literature – Delusional parasitosis in Leprosy
- Published for the first time in literature – Allergy to tartrazine in psychotropic drugs in India
- Published unparallel research on Dhat syndrome
- Published unparallel research on Delusional Parasitosis from India
LIST OF PUBLICATIONS
2010 - 11

  \textit{Cited} by 23; Impact factor- 2.303

  \textit{Cited} by 1; Impact factor- NA

  \textit{Cited} by 0; Impact factor- 2.75

  \textit{Cited} by 1; Impact factor-

  \textit{Cited} by 1; Impact factor- 3.736

  \textit{Cited} by 1; Impact factor-

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  \textit{Cited} by 0; Impact factor-

  \textit{Cited} by 0; Impact factor-

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  Cited by 0; Impact factor-

  Cited by 0; Impact factor-

  Cited by 0; Impact factor-

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  Cited by 0; Impact factor-

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  Cited by 0; Impact factor-

  Cited by 0; Impact factor-

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  Cited by 0; Impact factor

  Cited by 0; Impact factor

  Cited by 0; Impact factor

  Cited by 0; Impact factor

  Cited by 7; Impact factor

  Cited by 0; Impact factor

  Cited by 0; Impact factor

  Cited by 3; Impact factor

  Cited by 0; Impact factor

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Cited by 0; Impact factor-

Cited by 2; Impact factor-


Cited by 0; Impact factor-

2011 - 12

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Cited by ; Impact factor- 7.343

Cited by 79 ; Impact factor- 0.375

Cited by 10 ; Impact factor- 0.375

Cited by 0 ; Impact factor- 0.375

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  Cited by 1 ; Impact factor-

  Cited by 0 ; Impact factor-

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2012 - 13

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  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 2 ; Impact factor-

  Cited by 0 ; Impact factor- 1.486

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

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2013 - 14

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  Cited by 0 ; Impact factor- 7.343

  Cited by 1 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

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  Cited by 0 ; Impact factor- 7.343

  Cited by 1 ; Impact factor-

  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

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  Cited by 0 ; Impact factor-
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  Cited by 0 ; Impact factor-

  Cited by 0 ; Impact factor-

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2014-15

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  Cited by 0 ; Impact factor

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  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

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  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor

• Srivastava S., Bhatia M.S., Gautam p., Pattern of Diagnosis in Psychiatric Inpatients in a Tertiary Care Teaching Hospital Psychiatry unit in Delhi, Delhi Psychiatry Journal 2014; 17 (2): 395-400.
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  Cited by 0 ; Impact factor
  Cited by 0 ; Impact factor

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  Cited by 0 ; Impact factor

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  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor


  Cited by 0 ; Impact factor

  Cited by 0 ; Impact factor- 7.343

  Cited by 0 ; Impact factor-


Department of Radiology

1. Name of the Department: Department of Radiology

2. Year of establishment : 1971

3. Is the Department part of a college/Faculty of the university? : Yes, Faculty of Medical Sciences, University of Delhi

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.)

   UG Courses- MBBS, B.Sc.(MT) Radiography
   PG Courses - MD (Radiology.), M.Sc Radiography (MIT)

5. Interdisciplinary programs and departments involved: NIL

6. Courses in collaboration with other universities, industries, foreign institutions, etc. Nil

7. Details of programs discontinued, if any, with reasons Nil

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System Both annual and Semester

9. Participation of the department in the courses offered by other departments Nil

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others): Both UCMS & CHS faculty included

<table>
<thead>
<tr>
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<th>Sanctioned</th>
<th>Filled</th>
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<td>Professor</td>
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</tr>
<tr>
<td>Associate Professor/Reader</td>
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<td>02</td>
<td></td>
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<tr>
<td>Assistant Professor</td>
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<td>00</td>
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</tr>
<tr>
<td>Lecturer</td>
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<td>00</td>
<td></td>
</tr>
<tr>
<td>Tutor / Clinical Instructor/Physicist</td>
<td>Specialist -01 Physicist -02</td>
<td>00</td>
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<tr>
<td>Senior Resident</td>
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<td></td>
</tr>
</tbody>
</table>
Radiology

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. of Years of Experience</th>
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<tbody>
<tr>
<td>Dr Lalendra Upreti</td>
<td>MD DNB</td>
<td>Professor &amp; Head</td>
<td>Radiology</td>
<td>23</td>
</tr>
<tr>
<td>Dr Gopesh Mehrotra</td>
<td>MD</td>
<td>Professor</td>
<td>Radiology</td>
<td>25</td>
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<tr>
<td>Dr Vinita Rathi</td>
<td>MD</td>
<td>Professor</td>
<td>Radiology</td>
<td>21</td>
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<tr>
<td>Dr Shuchi Bhatt</td>
<td>MD</td>
<td>Associate Professor</td>
<td>Radiology</td>
<td>17</td>
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<tr>
<td>Dr Anupama Tandon</td>
<td>MD</td>
<td>Associate Professor</td>
<td>Radiology</td>
<td>15</td>
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<tr>
<td>Dr Natasha Gupta</td>
<td>MD</td>
<td>Specialist</td>
<td>Radiology</td>
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<tr>
<td>Dr A.K. Srivastava</td>
<td>Ph.D.</td>
<td>Physicist</td>
<td>Radiological Physics</td>
<td>18</td>
</tr>
<tr>
<td>Mr Mohit Kumar</td>
<td>M.Sc.DRP</td>
<td>Physicist</td>
<td>Radiological Physics</td>
<td>02</td>
</tr>
</tbody>
</table>

13. List of senior Visiting Fellows, adjunct faculty, emeritus professors Nil

14. Percentage of classes taken by temporary faculty – program-wise information Nil

15. Program-wise Student Teacher Ratio
   UG: MBBS- 30:1
   BSc- 45:0
   PG- MD - 03:01
   MSc- 10:0

16. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual (01 Technical supervisor + 45 Radiographer).

17. Research thrust areas as recognized by major funding agencies:
   Clinical Radiology, radiological physics, radiation dosimetry

18. 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.

   a) National funding agency: AERB- 2 faculty
   b) International: Nil
   c) Total grant: Approx 8 lacs

Funding agency: Atomic Energy Regulatory Board (AERB) Mumbai.
Project title: Leukocyte DNA damage as a biomarker for radiation exposure of patients undergoing MDCT
19. Inter-institutional collaborative projects and associated grants received Nil 
a) National collaboration b) International collaboration

20. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received: One project 
Total grant: Approx 8 lacs
Funding agency: Atomic Energy Regulatory Board(AERB) Mumbai

Research facility / centre with

- state recognition
- national recognition
- international recognition NIL

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) List attached faculty wise: TOTAL:
- Monographs Nil
- Chapters in Books list attached TOTAL:
- Books edited 02
- 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, Medline, etc.) Nil
- Citation Index – range / list attached : TOTAL: Seven
- tSNIP NIL __
- SJR NIL
- Impact Factor – range / average 2.5
- h-index NIL

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 Nil

26. Faculty serving in
a) National committees b) International committees c) Editorial Boards d) any other (specify)
MEMBERSHIP OF PROFESSIONAL BODIES of Dr L. Upreti

1. Indian Radiological and Imaging Association
2. Indian College of Radiology and Imaging
3. Indian Society of Neuro Radiology
4. Indian Society of Pediatric Radiology
5. Fellow of Indian College of Radiology and Imaging
6. Radiological Society of North America

27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs). Yes National Teachers training Program organized by Ministry of Health (Govt of India )

28. Student projects
   - percentage of students who have taken up in-house projects including inter-departmental projects List attached
   - percentage of students doing projects in collaboration with other universities / industry / institute NIL

29. Awards / recognitions received at the national and international level by
   - Faculty list attached
   - Doctoral / post doctoral fellows NIL
   - Students 05 list attached

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.NIL

31. Code of ethics for research followed by the departments Yes

32. Student profile program-wise: All students appear in state level and national level entrance examination to enter into UG & PG programme.

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass percentage Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50</td>
<td>0</td>
<td>50</td>
<td>0</td>
</tr>
</tbody>
</table>
34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise. One

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG BSC to MSC</td>
<td>07%</td>
</tr>
<tr>
<td>PG to M.Phil. DM</td>
<td>DNB</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>Nil</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>Nil</td>
</tr>
<tr>
<td>Employed</td>
<td>Campus recruitment – N/A</td>
</tr>
<tr>
<td>• Campus selection</td>
<td>Other- 100%</td>
</tr>
<tr>
<td>• Other than campus recruitment</td>
<td></td>
</tr>
<tr>
<td>Entrepreneurs</td>
<td>None</td>
</tr>
</tbody>
</table>

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
</tr>
<tr>
<td>from other universities within the State</td>
</tr>
<tr>
<td>from universities from other States</td>
</tr>
<tr>
<td>from universities outside the country</td>
</tr>
</tbody>
</table>

37. Number of faculty who were awarded M.Phil., DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period Nil

38. Present details of departmental infrastructural facilities with regard to
a) Library - Yes, intradepartmental library as well as college library
b) Internet facilities for staff and students- Yes
c) Total number of class rooms: one
d) Class rooms with ICT facility and 'smart' class rooms NO
e) Students’ laboratories Yes
f) Research laboratories NO

39. List of doctoral, post-doctoral students and Research Associates
a) from the host institution/university Nil
b) from other institutions/universities One

40. Number of post graduate students getting financial assistance from the university. NIL

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology. Nil

42. Does the department obtain feedback from
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? No
Radiology

c. alumni and employers on the programs offered and how does the department utilize the feedback? No

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

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

45. List the teaching methods adopted by the faculty for different programs including clinical teaching. Black board as well as PPT

46. How does the department ensure that program objectives are constantly met and learning outcomes are monitored? Through Regular Internal assessment

47. Highlight the participation of students and faculty in extension activities. NO

48. Give details of “beyond syllabus scholarly activities” of the department. No

49. State whether the program/ department is accredited/ graded by other agencies? If yes, give details. No

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. NO

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

   major Strengths  highly trained & Dedicated faculty and Officers Robust and comprehensive training program for undergraduate and post students despite crunch of teaching faculty post to be filled research is mainly based on variety of patients available  as being 1500 bedded hospital

   Weaknesses, sanctioned post lying vacant so have to manage with limited faculty gross infrastructure deficit NO MRI, No Mammography, outdated x-ray Units

   Opportunities and Challenges With the existing infrastructure and facilities, the department is in a position to uplift the radiological services to cater the need of this only government Medical College in east Delhi

52. Future plans of the department. To acquire the following machines and 3 Tesla MRI one Unit Digital Radiography Units 1000 mA -03 Units CT unit having 128 slice Setting up of Radiology department in proposed emergency and trauma block
LIST OF PUBLICATIONS FOR THE LAST FIVE YEARS

Dr L UPRETI

   Citation 0; impact factor 0.05

   Citation 0; impact factor

   Citation 0; impact factor 0.888

   Citation 0; impact factor

   Citation 2; impact factor 0.742

   Citation 1; impact factor 0.742

   Citation 0; impact factor 0.888

   Citation 0; impact factor 0.888

   Citation 0; impact factor

Dr GOPESH MEHROTRA

1. Hema Mittal, Sunita Rai, Dheeraj Shah, S V Madhu, Gopesh Mehrotra, Rajeev Kumar Malhotra, Piyush Gupta Departments of Pediatrics, *Endocrinology, Radiology and Biostatistics; University College of Medical Sciences, Dilshad Garden, New Delhi 110 095, India Correspondence to: Professor Piyush Gupta, Block R6A, Dilshad Garden, New Delhi 110 095, India. prof.piyush.gupta@gmail.com.

2. Iqbal Singh, Gopesh Mehrotra, Maninder S Jaura, Vivek Agarwal, Anupama Tandon, Mohit Joshi Department of Surgery (Div of Urology), University College of Medical Sciences (University of Delhi) and GTB Hospital, Delhi, India. Virtual cystoscopy (pneumo-cystoscopy) - Its utility in the prospective evaluation of bladder tumor. Indian J Urol Indian J Urol 2012 Apr;28(2):164-8

Cited by 1; Impact factor-

3. Iqbal Singh, Mohit Joshi, Gopesh Mehrotra Department of Surgery, UCMS and GTBH, New Delhi, India. iqbalsinghp@yahoo.co.uk Spontaneous renal fornical rupture due to advanced cervical carcinoma with obstructive uropathy. Arch Gynecol Obstet 2009 Jun 29;279(6):915-8. Epub 2008 Oct 29. Cited by 10; Impact factor-


5. Gajender Singh Ranga, Om Prakash Kalra, Himanshu Tandon, Jasvinder Kaur Gambhir, Gopesh Mehrotra Department of Medicine, University College of Medical Sciences (University of Delhi) and Guru Teg Bahadur Hospital, Delhi, India. gajenderranga@rediffmail.com Effect of aspirin on lipoprotein(a) in patients with ischemic stroke. J Stroke Cerebrovasc Dis 2007 Sep-Oct;16(5):220-4 Cited by 14; Impact factor- 1.99

6. Iqbal Singh, Gopesh Mehrotra Department of Surgery (Division of Urology), University College of Medical Sciences, University of Delhi and GTB Hospital, Delhi, India. iqbalsinghp@yahoo.co.uk Selective ablation of symptomatic
dominant renal cysts using 99% ethanol in adult polycystic kidney disease. Urology Urology 2006 Sep;68(3):482-7; discussion 487-8
Cited by 11; Impact factor- 2.273

Dr Vinita

1. R VINITA, MD, J B KUMAR, MS, G P KUMAR, MS and S ABHISHEK, DMRD
University College of Medical Sciences and Guru Teg Bahadur Hospital Dilshad Garden, Delhi 110095, India An unusual case of duodenal breaking CASE OF THE MONTH The British Journal of Radiology, 000 (2012), 1–5
Cited by 0; Impact factor- 1.533

2. Amit Gupta,¹ Athiko L. Noba,¹ Sweety Gupta,² Vinod K. Arora,³ Vinita Rathi,⁴ Sunil Kumar,¹ Papillary Cystadenocarcinoma of Ovary Presenting as Obstructive Jaundice: A Rare Presentation Oman Medical Journal Volume 27 issue 2 March 2012
Cited by 1; Impact factor- 4.389

Cited by 0; Impact factor- 1.946


Dr SHUCHI BHATT

Citation 2; impact factor 1.533

Citation ; impact factor
   Citation 0; impact factor 2.087

   Citation 1; impact factor 3.422

   Citation 1; impact factor 1.279

   Citation 0; impact factor 0.55

   Citation 0; impact factor 1.177

   Citation 0; impact factor 1.173

   Citation 1; impact factor


   Cited by 2; Impact factor- 0


   Cited by 0; Impact factor-


   Cited by 3; Impact factor-0.624


   Cited by 1; Impact factor-

15. Rashmi Salhotra, Chhavi Sharma, Asha Tyagi, Surendra Kumar, AK Sethi, Shuchi Bhatt An unanticipated difficult airway in Lesch–Nyhan syndrome Journal of Anaesthesiology Clinical Pharmacology; April-June 2012: 28 (2)

   Cited by 4; Impact factor- 0.296


Cited by 2; Impact factor-

Dr. ANUPAMA TANDON


Cited by 0; Impact factor-


Cited by 1; Impact factor-


Cited by 0; Impact factor-


Cited by 0; Impact factor-

Cited by 2; Impact factor-


Cited by 10; Impact factor- 1.549


Cited by 3; Impact factor- 0.624


Cited by 0; Impact factor-


Cited by 0; Impact factor- 0.801


Cited by 2; Impact factor- 1.104

Cited by 0; Impact factor-


Cited by 1; Impact factor-16.378


Cited by 0; Impact factor-


Cited by 0; Impact factor- 16.378


Cited by 0; Impact factor- 16.378


Cited by 0; Impact factor-


Cited by 0; Impact factor- 3.14

Cited by 7; Impact factor- 1.533

Dr NATASHA GUPTA

Cited by 0; Impact factor- 0.919

Cited by 0; Impact factor- 0.398

Cited by 0; Impact factor-

Cited by 1; Impact factor-

5. Gupta N, Shah D, Singh U, Tiwari A. Atypical malignant round cell tumour of femur. BMJ Case Reports 2008;doi.10.1136/bcr.06.2008.0159 (Published online August 7, 2008).
Cited by 0; Impact factor-

Cited by 0; Impact factor- 1.743
   Cited by 2; Impact factor- 0.919

Dr A.K. SRIVATAVA

1. Srivastava A.K., Gopesh Mehrotra, Satish K. Bhargava, Sunil Agarwal, Rajendra P Tripathi: Studies on the time Course of apparent diffusion coefficient and signal intensities on T2- and diffusion –weighted MR Imaging in acute cerebral ischemic stroke; Journal of Medical Physics, vol 33, No.4 2008, pp 162-168 Full paper (original article) Citation Index 11 in international Citations
   Cited by 13; Impact factor- 3.208

   Cited by ; Impact factor- 3.208

3. Ajai Srivastava, Rajpal K, T. Anupama, S.Bhatt “Comparative studies of Radiation doses from 4 slice and 64 slice CT Presented at CN-192-143 IAEA International Conference on Radiation Protection Bonn, Germany from 03-12-2012 to 07-03-2012
   Cited by 0; Impact factor-

   Cited by 0; Impact factor-

5. Gopesh Mehrotra, Anupama Tandon, Sanjay Gupta, Agarwal A Durgadas, Ajai K Srivastava: Imaging of Acute appendicitis: Role of low dose CT page 3 RSNA December 1 -6 Chicago Gastro intestinal (CT)
   Cited by 0; Impact factor-
BOOKS AUTHORED

Dr L UPRETI


Dr A.K.SRIVASTAVA

CHAPTERS IN BOOKS RELATED TO RADIOLOGY

Dr L. Upreti


Dr Vinita

Rathi V, Srivastava H. Imaging. in Practical Manual of Obstetrics & Gynecology for PG examination
Editors Neerja Goel, Sumita Mehta, Shalini rajaram, Himshweta Srivastava
Jaypee Brothers Medical Publishers (P) Ltd. First edition 2009
273-283.

Dr. Shuchi Bhatt
BOOKS

1. Principles and Practice of Ultrasonography; Editor -- Prof S.K. Bhargava;
   Publisher: Jaypee Brothers; 2002
   As Author: 9 chapters

2. Text Book of Color Doppler Imaging; Editor -- Prof S.K. Bhargava;
   Publisher: Jaypee Brothers; 2003
   As Author: 4 chapters

3. Diagnostic Radiology and Imaging; Editor – Kakarla Subbarao, Samir Banerjee, Sudarshan K. Aggarwal, Satish K Bhargava;
   Publisher – Jaypee Brothers; 2003
   As Author: 1 chapter

4. Radiological Procedures; Editor -- Prof S.K. Bhargava; Publisher: Peepee Brothers; 2004
   As Author: 1 chapter

5. Step-by-Step Ultrasound; Editor -- Prof S.K. Bhargava; Publisher: Peepee Brothers; 2004
   As Author: 2 chapters

6. Radiological Differential Diagnosis; Editor -- Prof S.K. Bhargava;
   Publisher: Jaypee Brothers; 2005
   As Author: 2 chapters

7. Ultrasound Differential Diagnosis; Editor – Prof S.K. Bhargava; Publisher: Jaypee Brothers; 2005
   As Author: 3 chapters
Dr Anupama Tandon

Contributed multiple chapters in three books on Radiology & Imaging:

1. **CT Differential Diagnosis**, Ed: Bhargava SK, Jaypee Brothers Medical Publishers (P) Ltd. 2006 – **1 chapter**.
   
   - Musculoskeletal system (pages 447-527)
     - A) Bony lesions
     - B) Rib lesions
     - C) Skull and jaw lesions
     - D) Bony spinal lesions
     - E) Arthritis
      - F) Soft tissue lesions


   **Section I- Computed Tomography(CT)- 6 chapters**
   
   1) Thorax (pages 38-52)
   2) Cardiac (53-63)
   3) Abdomen (64-90)
   4) Musculoskeletal (91-107)
   5) Special considerations in pediatric imaging (108-109)
   6) CT guided interventions (110-112)
Section II – Magnetic Resonance Imaging (MRI)- 4 chapters
7) Brain & skull (pages 119-154)
8) Neck (155- 161)
9) Cardiac (173-175)
10) Abdomen (176-198)

Central nervous system and spine:
1) Intraventricular masses
2) Sellar and suprasellar masses
3) Hydrocephalus
4) Cavernous angioma
5) Intracranial metastasis
6) Cyst with mural nodule
7) Paraplegia
8) Spinal dysraphism
Respiratory system:
9) Pulmonary cavity
10) Bronchiectasis
11) Pneumoconiosis
12) Carcinoma lung
Gastro-intestinal system:
13) Bowel perforation
14) Mesenteric lesions
15) Mesenteric ischemia
Genito-urinary system:
16) Congenital anomalies of urinary tract
17) Bladder outflow obstruction
Musculoskeletal system:
18) Rib lesions
19) Muscle tumors

B)

Contributed multiple chapters in three books on Radiology & Imaging-

Central nervous system and spine:
1) Intraventricular masses
20) Sellar and suprasellar masses
21) Hydrocephalus
22) Cavernous angioma
23) Intracranial metastasis
24) Cyst with mural nodule
25) Paraplegia
26) Spinal dysraphism
Respiratory system:
27) Pulmonary cavity
28) Bronchiectasis
29) Pneumoconiosis
30) Carcinoma lung

Gastro-intestinal system:
31) Bowel perforation
32) Mesenteric lesions
33) Mesenteric ischemia
34) Genito-urinary system
35) Congenital anomalies of urinary tract
36) Bladder outflow obstruction

Musculoskeletal system:
37) Rib lesions
38) Muscle tumors

Dr A.K. Srivastava


5. Contributed one chapter in the book entitled STEP BY STEP Ultrasound Published by Pee Pee Publisher 7/31 Ansari Road Darayaganj Delhi Chapter 1 Physics of Ultrasound (Page 1-15)

6. Contributed one chapter in the book entitled MCQs in RADIOLOGY Published by Jay Pee Publisher 7/31 Ansari Road Darayaganj Delhi Chapter 15. Radiophysics and Radiotherapy Page 307-316

7. Risk benefit analysis in diagnostic Radiology advances in Diagnostic Medical
NAME OF THE STUDENTS/RESIDENTS WHO HAVE ATTAINED DISTINCTIONS IN VARIOUS UNIVERSITY EXAMINATIONS/NATIONAL OR INTERNATIONAL CONFERENCES:

a. 3rd Prize Film Reading Session: Delhi Imaging Update: 28-02-2014
b. 1st Prize Film Reading Session: Delhi Imaging Update: 01-03-2014
c. 2nd Prize Film Reading Session at National CME, IRIA: 1-2 Nov. 2014, at RML Hospital, New Delhi by Dr. Nipun, Dr. Nitin, Dr. Pooja
d. 1st Prize National Commemorative Session International Day of Radiology: 01-11-2014 by Dr. Nipun, Dr. Murtaza
e. 1st Prize in Film Reading Session in CME on Genitourinary Interventions on 27-12-2014, at IRIA House, New Delhi by Dr. Nipun, Dr. Pooja, Dr. Sarthak
Surgery

Department of Surgery

1. Name of the Department: Surgery

2. Year of establishment: 1987

3. Is the Department part of a college/Faculty of the university?
   Yes, Department is part of college.

4. Names of programs offered (UG, PG, PharmD, Integrated Masters; M.Phil., Ph.D., Integrated Ph.D., Certificate, Diploma, PG Diploma, D.M./M.Ch., Super specialty fellowship, etc.): UG, PG

5. Interdisciplinary programs and departments involved
   a) Tuesday clinical meeting: Weekly academic meeting by various departments on rotation basis.
   b) Surgical pathology meeting: Monthly meeting between department of Pathology and Surgery
   c) Surgical Radiology meeting: Weekly meeting between department of Radiology and Surgery
   d) Undergraduate Seminars

6. Courses in collaboration with other universities, industries, foreign institutions, etc.
   None

7. Details of programs discontinued, if any, with reasons
   None

8. Examination System: Annual/Semester/Trimester/Choice Based Credit System
   a) Undergraduate: Monthly clinical evaluation, Annually theory and practical examination
   b) Postgraduate: Six monthly evaluations by theory and practical examination, final evaluation at end of three year
9. Participation of the department in the courses offered by other departments
Yes, for Thesis purposes.

10. Number of teaching posts sanctioned, filled and actual (Professors/Associate
Professors/Asst. Professors/others)

<table>
<thead>
<tr>
<th></th>
<th>Sanctioned (College + Hospital)</th>
<th>Filled</th>
<th>Actual (including CAS &amp; MPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Professor</td>
<td>02</td>
<td>01</td>
<td>01</td>
</tr>
<tr>
<td>Associate Professor/Reader</td>
<td>05</td>
<td>02</td>
<td>02</td>
</tr>
<tr>
<td>Assistant Professor</td>
<td>07</td>
<td>05</td>
<td>05</td>
</tr>
<tr>
<td>Lecturer</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Tutor / Clinical Instructor</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Senior Resident</td>
<td>05</td>
<td>03</td>
<td>03</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Qualification</th>
<th>Designation</th>
<th>Specialization</th>
<th>No. Of Years of Experience</th>
</tr>
</thead>
<tbody>
<tr>
<td>B K Jain</td>
<td>MBBS, MS</td>
<td>Director Professor</td>
<td>General Surgery</td>
<td>32</td>
</tr>
<tr>
<td>Naveen Sharma</td>
<td>MBBS, MS</td>
<td>Associate Professor</td>
<td>General Surgery</td>
<td>12</td>
</tr>
<tr>
<td>Sunil Kumar</td>
<td>MBBS, MS</td>
<td>Director Professor</td>
<td>General Surgery</td>
<td>30</td>
</tr>
<tr>
<td>Amit Gupta</td>
<td>MBBS, MS</td>
<td>Assistant Professor</td>
<td>General Surgery</td>
<td>9</td>
</tr>
<tr>
<td>Sanjay Gupta</td>
<td>MBBS, MS</td>
<td>Professor</td>
<td>General Surgery, Urology</td>
<td>35</td>
</tr>
<tr>
<td>Seema</td>
<td>MBBS, MS</td>
<td>Assistant Professor</td>
<td>General Surgery</td>
<td>7</td>
</tr>
<tr>
<td>Name</td>
<td>Qualification</td>
<td>Position</td>
<td>Department</td>
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<tr>
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<td>-------------------</td>
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<td>--------</td>
</tr>
<tr>
<td>Arun Gupta</td>
<td>MBBS, MS</td>
<td>Professor</td>
<td>General Surgery, Urology</td>
<td>35</td>
</tr>
<tr>
<td>Navneet Kaur</td>
<td>MBBS, MS</td>
<td>Professor</td>
<td>General Surgery</td>
<td>23</td>
</tr>
<tr>
<td>Vivek Agrawal</td>
<td>MBBS, MS</td>
<td>Director Professor</td>
<td>General Surgery</td>
<td>30</td>
</tr>
<tr>
<td>Ashesh Jha</td>
<td>MBBS, MS</td>
<td>Assistant Professor</td>
<td>General Surgery</td>
<td>4</td>
</tr>
<tr>
<td>Iqbal Singh</td>
<td>MBBS, MS, Mch</td>
<td>Professor</td>
<td>General Surgery, Urology</td>
<td>20</td>
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<tr>
<td>Kamal</td>
<td>MBBS, MS</td>
<td>Assistant Professor</td>
<td>General Surgery</td>
<td>8</td>
</tr>
</tbody>
</table>

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors
None

13. Percentage of classes taken by temporary faculty – program-wise information
None

14. Program-wise Student Teacher Ratio

Undergraduate – approximate 2:1
Postgraduate – approximate 1.5:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual

   a) Academic support staff – none
   b) Administrative staff (actual) - 1

16. Research thrust areas as recognized by major funding agencies
a) Gene environment interaction in genes of cancer (Professor Sanjay Gupta-Coinvestigator) – funded by DST and ICMR

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.

Australia India trauma system collaboration project (Funding agency - DST), Funds primarily controlled by AIIMS, New Delhi. Our department is one of additional four sites for project.

18. Inter-institutional collaborative projects and associated grants received
   a) National collaboration b) International collaboration

Australia India trauma system collaboration project (same as above)

19. Departmental projects funded by ICMR; DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received.

Australia India trauma system collaboration project (Funding agency - DST)

20. Research facility / centre with
   ● State recognition
   ● National recognition
   ● International recognition

None

21. Special research laboratories sponsored by / created by industry or corporate bodies.

None

22. Publications:
   * Number of papers published in peer reviewed journals (national / international) – Information provided in table
   * Monographs
   * Chapters in Books
   * Booksedited
Surgery

- Books with ISBN with details of publishers
- Number listed in International Database (For e.g. Web of Science, Scopus, Humanities International Complete, Dare Database - International Social Sciences Directory, EBSCO host, Medline, etc.)
- Citation Index – range / average
- SNIP (Source Normalized impact per Paper)
- SJR (SCImago Journal Rank)
- Impact Factor – range / average
- h-index

<table>
<thead>
<tr>
<th>Name</th>
<th>Number of papers</th>
<th>Book Chapters</th>
<th>Book(s) edited</th>
<th>Books with ISBN with details of publishers</th>
<th>Number listed in International Database</th>
<th>Citation Index – range / average</th>
<th>SNIP / SJR / Impact Factor / h-index</th>
</tr>
</thead>
<tbody>
<tr>
<td>B K Jain</td>
<td>105</td>
<td>6</td>
<td>Nil</td>
<td>Nil</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Naveen Sharma</td>
<td>15</td>
<td>3</td>
<td>Nil</td>
<td>Nil</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Sunil Kumar</td>
<td>75</td>
<td>1</td>
<td>None</td>
<td>2</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Amit Gupta</td>
<td>30</td>
<td>4</td>
<td>Nil</td>
<td>Nil</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
<tr>
<td>Sanjay Gupta</td>
<td>30</td>
<td>4</td>
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<td>Arun Gupta</td>
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<td>Navneet Kaur</td>
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<td>Vivek Agrawal</td>
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<tr>
<td>Name</td>
<td>No. of Patents</td>
<td>No. of Income G</td>
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<td>Nil</td>
<td>NA</td>
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<td>Iqbal Singh</td>
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<td>Kamal</td>
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<td>Nil</td>
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</tr>
</tbody>
</table>

23. Details of patents and income generated
None

24. Areas of consultancy and income generated
None

25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad
None

26. Faculty serving in

a) National committees  
b) International committees  
c) Editorial Boards  
d) any other (specify)

<table>
<thead>
<tr>
<th>Name</th>
<th>Activities</th>
</tr>
</thead>
</table>
| B K Jain        | Nominated as member of the committee constituted by University Grants Commission for evaluation and assessment of the proposals submitted by the College teachers for the purpose of availing travel grant assistance to attend International Conferences abroad.  
Nominated and attended MCI Basic Course (Workshop) in Medical Education Technologies for Medical Teachers from 19-21 November 2013 at MAMC, New Delhi  
Nominated as Member in the Academic & Ethical Committee of GTB Hospital, Delhi |
| Naveen Sharma   | Faculty at AMASICON 2013, Indore, 22nd-25th August, 2013  
Faculty at UPASICON, Ghaziabad, 22nd-24th November, 2013 |
<p>| Sunil Kumar     | Faculty at Trauma 2013, held at AIIMS, New Delhi in Nov 2013. |</p>
<table>
<thead>
<tr>
<th>Name</th>
<th>Achievements</th>
</tr>
</thead>
</table>
| Amit Gupta         | Delivered a lecture on “Penetrating Chest Trauma”  
                      Chaired two scientific sessions  
                      • Faculty for ATLS providers course at JPN apex trauma centre and Puducherry  
                      • Course Director for ATLS providers course at Kottayam ATLS site                                                                 |
| Sanjay Gupta       | • Faculty at Masterclass, UPASICON November 2013, Ghaziabad                                                                                   |
| Navneet Kaur       | • Elected executive member of Association of Breast Surgeons of India (ABSI)  
                      • Invited by Doordarshan for a Panel discussion on “Cancer in women” on “Health Show” aired on May 2, 2013  
                      • Faculty at 2nd Annual conference of Association of breast surgeons of India. ABSICON, PGI Chandigarh May 17-19th, 2013, Video presentation : Oncoplastic surgery, Chronic post-mastectomy pain in breast cancer patients  
                      • Faculty at ASICON 2013, Ahmedabad, Gujrat December 26-29. Video lecture on LatissimusDorsiMiniflap breast reconstruction, Symposium on “Controversies in the management of benign breast disorders”  
                      • Faculty at SGPGI Breast course 2014 & ABSI skills course. Lucknow 8th & 9th February 2014. Video Lecture on LatissimusDorsiMiniflap breast reconstruction |
| Vivek Agrawal      | • Invited to the interview panel of the J & K Public Service Commission as a subject expert for the posts of the Medical Officer in January 2014. |
| Iqbal Singh        | • Faculty at 45th Annual Conference of the Urological Society of India, New Delhi, 29Jan-2nd Feb, 2014, Chaired session  
                      • Faculty at Indian national section of the SocieteInternationale d’ Urologie Video instructional workshop, New Delhi, 28 Jan, 2014 |
27. Faculty recharging strategies (Refresher / orientation programs, workshops, training programs and similar programs).

CME conducted on dated 14th September 2014 with title “Contemporary Medico-legal and Ethical issues in Medical / Surgical Practice”

28. Student projects

- Percentage of students who have taken up-house projects including inter-departmental projects
- Percentage of students doing projects in collaboration with other universities / industry / institute

Information at Academic Session of University College of Medical Sciences (Approximate 10 students project).

a) One Undergraduate student doing project in department of Surgery currently (Effect of Trauma on “3Ds”: Death, disability and debt. An observational study (Project under ICMR, Reference ID: 2015-04547))

29. Awards / recognitions received at the national and international level by

- Faculty - Same as answer of Question 26
- Doctoral / post doctoral fellows - NA
- Students - NA

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

CME conducted on dated 14th September 2014 with title “Contemporary Medico-legal and Ethical issues in Medical / Surgical Practice”with funds generated by department.
Surgery

31. Code of ethics for research followed by the departments
   
   All Research at college are conducted with prior approval from college ethics committee.

32. Student profile program-wise:

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>Applications received</th>
<th>Selected Male</th>
<th>Female</th>
<th>Pass percentage Male</th>
<th>Female</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

33. Diversity of students

<table>
<thead>
<tr>
<th>Name of the Program (refer to question no. 4)</th>
<th>% of students from the same university</th>
<th>% of students from other universities within the State</th>
<th>% of students from universities outside the State</th>
<th>% of students from other countries</th>
</tr>
</thead>
<tbody>
<tr>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
<td>NA</td>
</tr>
</tbody>
</table>

34. How many students have cleared Civil Services and Defense Services examinations, NET, SET, GATE, USMLE, PLAB, GPAT, NCLEX, CGFNS, IELTS and other competitive examinations? Give details category-wise.
   
   Not Available

35. Student progression

<table>
<thead>
<tr>
<th>Student progression</th>
<th>Percentage against enrolled</th>
</tr>
</thead>
<tbody>
<tr>
<td>UG to PG</td>
<td>NA</td>
</tr>
<tr>
<td>PG to M.Phil,DM / M Ch / DNB</td>
<td>NA</td>
</tr>
<tr>
<td>PG to Ph.D.</td>
<td>NA</td>
</tr>
<tr>
<td>Ph.D. to Post-Doctoral</td>
<td>NA</td>
</tr>
<tr>
<td>Employed</td>
<td>NA</td>
</tr>
</tbody>
</table>
       • Campus selection | NA                    |
       • Other than campus recruitment | NA             |
   | Entrepreneurs      | NA                          |

36. Diversity of staff

<table>
<thead>
<tr>
<th>Percentage of faculty who are graduates of the same university</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
</tr>
</tbody>
</table>
37. Number of faculty who were awarded M.Phil.,DM, M Ch, Ph.D., D.Sc. and D.Litt. during the assessment period

   a) Professor Iqbal Singh – Mch Urology from AIIMS, Delhi (as sponsored candidate)
   b) Professor Navneet Kaur: Undergoing Ph.D at department of Surgery at UCMS, Delhi.
   c) Dr. Pankaj Garg: Undergoing Mch Surgical Oncology at AIIMS, Delhi (Sponsored by college)

38. Present details of departmental infrastructural facilities with regard to
   a) Library: Yes
   b) Internet facilities for staff and students: Yes
   c) Total number of classrooms: 5
   d) Class rooms with ICT facility and ‘smart’ class rooms: Nil
   e) Students’ laboratories: Nil
   f) Research laboratories: Nil

39. List of doctoral, post-doctoral students and Research Associates
   a) from the host institution/university
   b) from other institutions/universities

Research Associates: 2
1) Professor Sanjay Gupta – Guide to Ph.D student (doing Ph.D in department of Cancer Biology (Biochemistry) at University College of Medical Sciences, Delhi.
2) Prof Arun Gupta: Guide to Ph.D student (Prof. Navneet Kaur) at University College of Medical Sciences, Delhi.

Students: 1
1) Prof Navneet Kaur is Ph.D student under Prof. Arun Guptaat University
Surgery

College of Medical Sciences, Delhi.

40. Number of postgraduate students getting financial assistance from the university.
Not Available

41. Was any need assessment exercise undertaken before the development of new program(s)? If so, highlight the methodology.
Not Applicable

42. Does the department obtain feedback from
   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 programs offered and how does the department utilize the feedback?
Department of Surgery used to take feedback from Faculty and Students for improvement of teaching methods.

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

44. Give details of student enrichment programs (special lectures / workshops / seminar) involving external experts.
   Tuesday clinical meetings like CPC frequently invite external experts for their valuable opinion. Recently, in a CPC on dated 24-03-15, Professor from department of Surgical disciplines, AIIMS, Delhi was invited as expert for clinicopathological case discussion.

45. List the teaching methods adopted by the faculty for different programs including clinical teaching.
   a) Lectures including audiovisual aids
   b) Bedside clinical case discussion
   c) Demonstrations
   d) Workshops
How does the department ensure that program objectives are constantly met and learning outcomes are monitored?
By constant monitoring and analysis.

47. Highlight the participation of students and faculty in extension activities.
Dr. Sunil Kumar delivered two Seminars on “winning strategies”.

48. Give details of “beyond syllabus scholarly activities” of the department.
None

49. State whether the program/ department is accredited/ graded by other agencies?
   If yes, give details.
   Academic Section

50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
   a) Postgraduate Thesis in various aspects of General Surgery.
   b) Short ICMR projects by Undergraduates
   c) Use of skill laboratory for development of skills in undergraduates and postgraduates (eg. Endotrainer for development of laparoscopy skills)
   d) Short version of ATLS delivered to Residents from time to time.

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

Strengths:
   a) UCMS and GTB hospital is only hospital of eastern Delhi which provide tertiary healthcare facilities at free of cost.
   b) Department of Surgery used to practice a wide variety of surgical procedures including Pediatric Surgery, Urology, Oncology, and Minimal invasive surgeries.
Surgery

c) Highly qualified and experienced faculty

Weaknesses
a) Lack of modern facilities like robotic surgeries, advanced laparoscopic surgeries
b) Lack of adequate faculty

Opportunities
a) Provide training in surgical skills to undergraduates, postgraduates and senior residents of department.

Challenges
a) As department of Surgery caters a large population of east Delhi, which lead to overcrowding of patients in Surgical Wards.

52. Future plans of the department.

a) UCMS and GTB Hospital, a centre for ATLS training
b) Proposal for starting MS in General Surgery
Declaration by the Head of the Institution
4. Declaration by the Head of the Institution

I certify that the data included in this Self-Study Report (SSR) are true to the best of my knowledge.

This SSR is prepared by the institution after internal discussions, and no part thereof has been outsourced.

I am aware that the Peer team will validate the information provided in this SSR during the peer team visit.

Signature of the Head of the institution with seal:

Place: Delhi
Date: 08/06/2014