Evaluative Report of the Department

1. Name of the Department Post: Graduate Deptt. of Burns, Plastic & Reconstructive Surgery
2. Year of establishment: 2005
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.): PG (M.Ch. Plastic and Reconstructive Surgery) and Ph.D.
5. Interdisciplinary programmes and departments involved: YES
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: ANNUAL
9. Participation of the department in the courses offered by other departments

   a. Training of M.S. (General Surgery) residents from the department of General Surgery (3 months posting of each resident).
   b. Training of junior residents from the department of Oral and Maxillofacial Surgery (1 month posting of each resident).
   c. Rotatory internship of MBBS graduates of the faculty (15 days each).
   d. Prof. A. H. Khan – co-supervisor MD thesis in D/o Pathology
   e. Prof. A. H. Khan – Co-supervisor MS thesis in D/o Orthopaedics
   f. Dr. Imran Ahmad – co-supervisor MS thesis in D/o ENT

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>01</td>
<td>01</td>
<td>03</td>
</tr>
<tr>
<td>Associate Professors</td>
<td>0</td>
<td>0</td>
<td>01</td>
</tr>
<tr>
<td>Asst. Professors</td>
<td>03</td>
<td>03</td>
<td>01</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>Prof. Arshad Hafeez Khan</td>
<td>MS., M.Ch.</td>
<td>Professor &amp; Chairman</td>
<td>Plastic Surgery</td>
<td>27</td>
<td>2 Ph.D. under guidance</td>
</tr>
<tr>
<td>Prof. L. M. Bariar</td>
<td>MS., M.Ch.</td>
<td>Professor</td>
<td>Plastic Surgery</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>Prof. Mohd. Yaseen</td>
<td>MS., M.Ch.</td>
<td>Professor</td>
<td>Plastic Surgery</td>
<td>21</td>
<td></td>
</tr>
<tr>
<td>Dr. Imran Ahmad</td>
<td>MS., M.Ch.</td>
<td>Associate Professor</td>
<td>Plastic Surgery</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Dr. Md. Fahud Khurram</td>
<td>MS., M.Ch.</td>
<td>Assistant Professor</td>
<td>Plastic Surgery</td>
<td>8</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 information

<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of the programme</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>UG</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>PG</td>
<td>20</td>
</tr>
</tbody>
</table>
14. Programme-wise Student Teacher Ratio
   
   M.Ch. course
   2009-12 :: 2 : 1
   2012 onwards :: 1:1

15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual :-
   
   1. Technical : B Group (02) C Group : (01)
   2. Administrative : C Group (01)
   3. Sweeper : 01 (daily wager)
   4. Clerical join : 01 (daily wager)

16. Research thrust areas as recognized by major funding agencies
   
   - Prevention & Management of Burns
   - Tissue Transfers (Transplantation in Plastic Surgery)
   - Congenital Anomalies
   - Maxillofacial Injuries
   - Prevention and Management of Hand Injuries
   - Microsurgery and Microsurgery Training Lab

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
   
   (i) National collaboration
   (ii) 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
   - 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) - 29 (Annexure I)
   - Monographs
   - Chapters in Books :
     o Principles and Practice of Wound Care 1st Edtd. ISSN 9789350258644, 2012 (JP publication)
   - 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
   
   Journal of Burns – 0.784
<table>
<thead>
<tr>
<th>S. No.</th>
<th>Name of Journal</th>
<th>h. Index</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Journal of Medical Sciences</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>J. Med. Biochem</td>
<td>7</td>
</tr>
<tr>
<td>4</td>
<td>Journal of Plastic Surgery</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>(J) Indian Med. Association</td>
<td>17</td>
</tr>
<tr>
<td>6</td>
<td>Journal of Burn Care &amp; Rehabilitation, J Burn Care</td>
<td>43</td>
</tr>
<tr>
<td>7</td>
<td>Journal of Wound Care (United Kingdom)</td>
<td>34</td>
</tr>
<tr>
<td>8</td>
<td>Indian Journal of Otolaryngology and Head &amp; Neck Surgery</td>
<td>5</td>
</tr>
</tbody>
</table>

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:
   - Guest Lecture WOUNDCARECON 2012

26. Faculty serving in:
   (i) National committees
      - Prof AH Khan, Secretary UP chapter of Plastic surgeons of India 2008-2012.
      - Dr. Imran Ahmad, Jt Secretary, National Academy of Burns, India 2012-2015.

   (ii) International committees: **NIL**

   (iii) Editorial Boards: **NIL**

   (iv) any other (please specify) - **Annexure II and III**

27. Faculty recharging strategies (UGC, ASC, Refresher/orientation programs, workshops, training programs and similar programs): **NIL**

28. Student projects: **NIL**

   - 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:

   - Faculty
     - Dr. Mohd. Fahud Khurram Assistant Professor has been awarded the best Lecturer in Plastic Surgery of the year 2012 (Healthcare Excellence Award) through All India nomination by the Time Research Media.
     - Dr. Mohd. Fahud Khurram Assistant Professor has been awarded with DNB in Plastic surgery in Dec 2012.

   - Doctoral / post doctoral fellows
   - Students

30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.
   - Organized the 16th Annual Conference of UP Chapter of Association of Plastic Surgeons of India 16th to 18th February, 2008 Aligarh.

31. Code of ethics for research followed by the departments
   - Dept. follows the
     - Institutional ethical committee
     - Animal ethics 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</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Male</td>
<td>Female</td>
</tr>
<tr>
<td>M.Ch. 2009-10</td>
<td>-</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>M.Ch. 2010-11</td>
<td>-</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>M.Ch. 2011-12</td>
<td>-</td>
<td>2</td>
<td>0</td>
</tr>
<tr>
<td>M.Ch. 2012-13</td>
<td>-</td>
<td>1</td>
<td>0</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>M.Ch. 2009-10</td>
<td>50</td>
<td>-</td>
<td>50</td>
<td>-</td>
</tr>
<tr>
<td>M.Ch. 2010-11</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.Ch. 2011-12</td>
<td>100</td>
<td>--</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>M.Ch. 2012-13</td>
<td>100</td>
<td>-</td>
<td>-</td>
<td>-</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. NIL

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>-</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</th>
<th>UG</th>
<th>PG</th>
<th>M.Ch.</th>
</tr>
</thead>
<tbody>
<tr>
<td>of the same university</td>
<td>60</td>
<td>80</td>
<td>80</td>
</tr>
<tr>
<td>from other universities within the State</td>
<td>40</td>
<td>20</td>
<td>20</td>
</tr>
<tr>
<td>from universities from other States</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>from universities outside the country</td>
<td>-</td>
<td>-</td>
<td>-</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
(i) Library One
(ii) Internet facilities for staff and students Yes
(iii) Total number of class rooms Three
(iv) Class rooms with ICT facility Yes
(v) Students’ laboratories -
(vi) Research laboratories -
39. List of doctoral, post-doctoral students and Research Associates
   (i) from the host institution/university 2
   (ii) 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 programme(s)? If so, highlight the methodology. **NIL**

42. Does the department obtain feedback from

   **policy matter: Faculty to follow the university guidelines as directed by VC & PVC**

   (i) faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback?
      Yes : this is a regular feature and the feedback is utilized to modify teaching methods and evaluation and changes are made in the curriculum during B.O.S.

   (ii) students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback?
      Yes : A three monthly students grievance committee meeting is held and various feedbacks are discussed and appropriate ones are utilized to develop better teaching and learning process, as and when required.

   (iii) alumni and employers on the programmes offered and how does the department utilize the feedback?
      Yes : The department is in constant touch with the alumni and take feedback from them in very many fields such as teaching and training at our hospital, examination procedure, problems faced in the field after completion and, how to improve in all these areas.

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Year</th>
<th>Position and Institution</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Dr. Asif Masood</td>
<td>1994</td>
<td>Director, Smile Train Project (USA) Gorakhpur</td>
</tr>
<tr>
<td>2</td>
<td>Dr. Khursheed Ahmad</td>
<td>1995</td>
<td>Director, Smile Train Project (USA) Azamgarh</td>
</tr>
<tr>
<td>3</td>
<td>Dr. Rafat J. Siddiqui</td>
<td>1998</td>
<td>Asstt, Prof. Plastic Surgery, Motilal Nehru Medical College, Allahabad</td>
</tr>
<tr>
<td>4</td>
<td>Dr. Qazi Ghazwan Ahmad</td>
<td>2003</td>
<td>Consultant Plastic Surgeon, Kokilaben Dhirubhai Ambani Hospital and Medical Research Institute, Mumbai</td>
</tr>
<tr>
<td>5</td>
<td>Dr. Vishal Mago</td>
<td>2005</td>
<td>Asstt. Prof. Plastic Surgery, Lady Harding, Medical College, New Delhi</td>
</tr>
<tr>
<td>6</td>
<td>Dr. Manal Mohd. Khan</td>
<td>2009</td>
<td>Asstt. Prof. Plastic Surgery, All India institute of Medical Sciences, Bhopal</td>
</tr>
<tr>
<td>7</td>
<td>Dr. SatyaswarupTripathy</td>
<td>2009</td>
<td>Asstt. Prof. Plastic Surgery, Postgraduate Institute of Medical Education and Research, Chandigarh</td>
</tr>
<tr>
<td>9</td>
<td>Dr. D. S. Rajput</td>
<td>2011</td>
<td>Asstt. Prof. JNMC, Belgaum, Karnataka.</td>
</tr>
<tr>
<td>10</td>
<td>Dr. Manish Nanda</td>
<td>2012</td>
<td>Attending Consultant, Max Superspeciality Hospital, Delhi</td>
</tr>
</tbody>
</table>
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts.

**Guest Lectures, Personality Development programme, Career guidance, Soft skills and Communication skills, Presentation skills.**

1. Special lecture on Microsurgery given by Prof AK Chaudhary, HOD dept of Plastic surgery, Cuttack Medical college on 10th August 2010.


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

Both traditional methods of teaching as well as multimedia teaching is followed.

- Lecture cum Discussion Method
- Group Discussion and Pair Work in the class room
- Using Teaching Tools like OHP, LCD Projector, Video Clippings, Internet, Power Point Presentation.
- Guiding students to do Projects.
- Paper Presentations and Seminars

- Morning Classes consisting of Seminars presentation, Journal club, Mortality and Morbidity discussions.
- Clinical case presentation and planning session
- Bedside and OPD patient interactions, live demonstrations and teaching in operation theatre.
- Live surgical training in operation theatres
- Emergency cases discussions
- Afternoon classes for interaction of faculty and students

- The prime concern of the department is to develop patterns of teaching in undergraduate and postgraduate medical education so as to demonstrate a high standard of medical education to all departments of the medical college and allied institutions. The other important objectives of the dept. are to bring together in one place educational facilities of the highest order for the training of personnel in all the important fields of health activities and to attain self-sufficiency in postgraduate medical education. The educational principles and practices being adopted here are those which are the best suited to the needs of the country. Emphasis is laid on the active learning process and on the cultivation of scholarly habits and scientific methods.

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

- Regular feedback from students, faculty, alumni etc.
- Evaluation tests every 6 monthly
- Q&A sessions after every presentation

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

Both students and faculty regularly attends various national and international conferences workshops and training throughout the year and present papers.
Few of them are:
- APSICON 2009,10,11 (presented 1 paper), 12 (presented 1 paper),13 (presented 3 papers)
- Aesthetics 2012
- IAAPS 2012
- NABICON 2012
- IFSSH-IFSHT 2013 (presented 1 paper)
- WOUND CARE CON - 2013
- Ganga hospital microsurgery training course 2013
- Two of our faculty members are regular external examiners at various medical colleges of the country.
- Prof. Arshad Hafeez Khan was invited to deliver Prof. Nasim Ansari Memorial Oration at IBN SINA ACADEMY on the occasion of world health day on April 7, 2013. The topic was "PLASTIC SURGERY - AN OVERVIEW".
- Prof. Arshad Hafeez Khan was invited as an expert in selection committee for selection to the post of Asstt. Professor – Plastic & Reconstructive Surgery by Rajasthan Public Service Commission, Ajmer on April 24, 2012.
- Prof. Arshad Hafeez Khan invited as an expert in selection committee for specialist grade III (Plastic Surgery) by UPSC, New Delhi on November 18 & 19, 2013.
- Dr. Imran delivered a Guest lecture on Role of radical debridement and wound cover in diabetic ulcers in WOUNDCARECON-2012 at Bareilly.
- Impact India foundation stationed the Life Line Express Train at Babrala (U.P.) Medical Camp was organized by Tata Chemicals of six days Plastic Surgeons and Residents from the department Operated 62 cases of Cleft Lip on board the train over a period from 27.01.2011 to 01.02.2011.

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

- Microsurgery training to students
- Organisation of Seminars and Workshops, Participation in various Seminars/ Workshops, Training Programmes, Guest Lectures, Paper Publications, guiding study projects, resource person, paper settings, paper valuations
- Chairman of Scientific session at 48th Annual Conference of Association of Plastic Surgeons of India. 24th to 27th November, 2013 Mumbai.
- Chaired a session at Trauma Update 2013 organised by Department of Surgery, at J. N. Medical College, A.M.U., Aligarh from 07th – 09th October 2013.
- Chaired a session of Third national conference-cum-workshop/symposium at Faculty of Medicine, Ajmal Khan, Tibbiya College, AMU, Aligarh from 29-30 September 2012.
- Chaired a session of “Dr. R. N. Sharma oration” and “Dr. S. K. Bhatnagar oration” during the Workshop on Aesthetic Surgery held at Pushpanjali Hospital & Research Centre, Agra from 16-17 January, 2012.
- Chaired a session at 47th Annual Conference of Association of Plastic Surgeons of India, at K. G. Medical University, Lucknow from 04 to 08 November 2012.
- Chaired a session of R.N. Sharma Symposium on “Coverage of the Sole” at Holiday Inn, Resort, GOA during 2010 from 25th to 29th October 2010.
- Chaired a session “Prof. R. N. Sharma symposium” at APSICON 2009 (44th Annual Conference of the Association of Plastic Surgeons of India) held at Chennai from 5th – 9th August 2009.
49. State whether the programme/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.
   o Department gives microsurgery training to students which is rare in government medical colleges.
   o Various PhDs are being done in the department.

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

**Strengths:**
1) Conducting M.Ch. for past 24 years and has produced 31 plastic surgeons working in various parts of the country and world as well.
2) Microsurgery training to students
3) M.Ch. Teaching programme 6 days a week and flexibility in framing the syllabus and teaching methods.
4) Situated in one of the state’s geographically underdeveloped areas, the Dept. has very good patient inflow, which will facilitate the students to learn diverse disease processes with ease.
5) Staff member involvement with student learning activities.

**Weaknesses:**
- Inadequate infrastructure – The department does not have its own building. At present the whole department is housed in only two rooms. This leads to tremendous constraints in teaching and training of M.Ch. residents and functioning of the office of the chairman. It leaves a bad impression on faculties visiting the department from other medical institutions. Construction of academic block of the department must be taken up on top priority.
- Lack of burn ward/ICU/OT
- Lack of separate microsurgery OT with round the clock supporting staff esp. for emergencies
- Lack of microsurgery training lab
- Lack of inadequate staff both teaching and non-teaching

**Opportunities:**
- well experienced teaching faculty
- Medical college is a part of world renowned university with high patient input.
- Academic flexibility.
- Holistic development.
- Opportunity to serve medical service to rural population

**Challenges:**
- To enhance research publications of both staff and students.
- To establish Micro surgery,
- To establish Burn center
- To establish Cosmetic surgery
- To establish Microsurgery training lab

52. Future plans of the department.
   o To establish Micro surgery, Burn center, Cosmetic surgery and Microsurgery training lab
   o Improve the infrastructure of the department – new building.
   o Improve the research facility of the department
   o Make the institution more students friendly

53. Faculty participation in seminars:
   Prof. AH Khan presented a seminar on management of Burns in Trauma Update 2013 at department of Surgery, JN Medical College, AMU.
Declaration by the Head of the Institution

I certify that 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.

Prof. Arshad Hafeez Khan
Chairman
Post Graduate Deptt. of Burns, Plastic & Reconstructive Surgery
J. N. Medical College
A.M.U., Aligarh (U.P.)
202001, India
Phone : +91-571-2721113/14 -5621 (Deptt.), 5633 (Chamber)
       +91-571-2720672 (Fax), +91-9897832790 (Mobile)
Email : drahkhan@rediffmail.com

Place : Aligarh

Date : 