

DEPARTMENT OF GENERAL SURGERY
INSTITUTE OF MEDICAL SCIENCES
BANARAS HINDU UNIVERSITY

1.	Name of the Department	General Surgery, Institute of Medical Sciences, Banaras Hindu University, Varanasi
2.	Year of the establishment	1960
3.	Is the Department part of a School / Faculty of the university	Faculty of Medicine
4.	Name of programmes / courses offered	MBBS, M.S. (General Surgery), Ph.D.
5.	Interdisciplinary courses and departments involved	None. Departments of Neurosurgery, Plastic Surgery, Paediatric Surgery, Urology, Cardiothoracic Surgery and Surgical Oncology are involved in teaching and training of both UG and PG students
6.	Courses in collaboration with other universities, industries, foreign institutions, etc.	
7.	Details of programmes / courses discontinued, if any, with reasons	No
8.	Annual / Semester / choice Based Credit System	Annual
9.	Participation of the department in the courses offered by other departments	Faculty of Dental Sciences for BDS Faculty of Ayurveda MD (Ay) & MS (Ay)
10.	Number of teaching posts sanctioned and filled (Professor s/ Associate Professors / Asst. Professors	

	Sanctioned	Filled
Professor	04 + 02*	05 (1 on CAS)
Associate Professor	05 + 03*	03
Assistant Professor	07 + 05*	05

* New posts sanctioned in XI Plan

11.	Faculty profile with name, qualification, designation and specialization (D.Sc. / D.Litt./ Ph.D. / M.Phil, etc.
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Name	Qualification	Designation	Specialization	No. of years of experience	No. of Ph.D. students guided for the last 4 years
Dr. Anand Kumar	MS, FAMS	Professor	Gen. Surgery	32 years	01
Dr. V.K. Shukla	MS, M.Ch. (Wales), FAMS	Professor	Gen. Surgery	31 years	03
Dr. A.K. Khanna	MS, MNAMS, FICS, D.Sc., MBA, FACS, FAIS, FRSTMH, FUWAI, FUICC, FFIM	Professor	Gen. Surgery	31 years	01
Dr. S.K. Gupta	MS, DNB, FRCS (Ed), MAMS	Professor & Head	Gen. Surgery	24 years	
Dr. R. Khanna	MS, DNB, MNAMS, FAIS, Ph.D.	Professor	Gen. Surgery	22 years	01
Dr. M. Ansari	MS, FAMS, FAIS, FICS, FIAGES	Asso. Prof.	Gen. Surgery	9 years	
Dr. Puneet	MS, DNB, MNAMS, FACS, FAIS, FICS	Asso. Prof.	Gen. Surgery	9 years	
Dr. Somprakas Basu	MS	Asso. Prof.	Gen. Surgery	9 years	
Dr. Seema Khanna	MS, M.Ch. (Plast Surg)	Asst. Prof.	Gen. Surgery	6 years	Co-supervisor - 2
Dr. S.K. Bhartiya	MS	Asst. Prof.	Gen. Surgery	1 ½ years	
Dr. R.N. Meena	MS	Asst. Prof.	Gen. Surgery	1 ½ years	
Dr. V. Srivastava	MS	Asst. Prof.	Gen. Surgery	1 ½ years	
Dr. S.K. Tiwary	MS	Asst. Prof.	Gen. Surgery	1 ½ years	

12.	List of Senior Visiting Fellows, faculty, adjunct faculty, emeritus professors	Dr. David Rew, Dr. Chintamani, Dr. Gurpreet Singh, Dr. P.C. Garg, Prof. J.V. Hardikar, Dr. P.S. Sridhar, Dr. Emir Hexhaji, Dr. Lorenzo Choen, Prof. M.K. Misra, Dr. B.S. Mangat, Dr. Kumar Alok Pathak
13.	Percentage of classes taken by temporary faculty – programme-wise information	None
14.	Programme-wise student teacher ratio	UG – 6.5 : 1 PG – 3.5 : 1
15.	Number of academic support staff (technical) and administrative staff : sanctioned and filled	Technical Staff : 04 Administrative Staff : 04

16.	Research thrust areas recognized by funding agencies	Carcinoma Gall Bladder, Carcinoma Stomach, Wound Healing, Diabetic Foot Ulcers, Breast Cancer		
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 and grants received project-wise			
Sl.No.	Project Title	Funding Agency	Amount (approx)	Remarks
1.	Effects of psychological contract fulfillment on the relationship between the quality of work life of health professionals and related outcomes for teaching and non-teaching hospitals	UGC	-	Co - PI
2.	Study of factors influencing host defence against infection in diabetic foot with special reference to Vitamin D deficiency	ICMR	Rs. 32 lakhs	Co-PI
3.	Vitamin D status in patients with diabetic foot infection and its effect on host defense	UGC	Rs. 10.12 lakhs	Co-PI
4.	Study of expression of biomolecular markers in breast tumours in Indian women	UGC	Rs. 10.68 lakhs	PI
5.	A Phase II randomized, open label, controlled clinical trial to evaluate safety and efficacy of WCK 771 in comparison with Vancomycin or Cefazolin in the treatment of complicated skin and soft tissue infections caused by gram positive bacteria (protocol : WCK 771/800/P-II Gram +ve STIs/06)	Wockhardt India Ltd. Completed in 2008.	Rs. 30,000/-	PI
6.	Cell cycle Regulators and H. pylori in gastric cancer	Dept. of Biotechnology	Rs. 34 lakhs	PI
7.	Expression of MMP in benign and malignant breast disease	BHU	Rs.60,000/-	Research grant to young faculty
8.	Evaluation of lymphangiogenesis as prognostic marker using D2-40 in breast cancer	BHU	Rs.50,000/-	-do-
18.	Inter-institutional collaborative projects with grants received a) All India collaboration b) International	None		
19.	Departmental projects funded by DST-FIST; UGC-SAP / CAS, DPE, DBT, ICSSR, etc., total grants received	ICMR / DST / UGC		
20.	Research facility / centre with • State recognition • National recognition • International recognition	Collaborative interdisciplinary research with Department of Zoology, Molecular & Human Genetics		
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)			123
	• Monographs			-
	• Chapters in Books			37
	• Edited Books			04
	• Books with ISBN with details of publishers 1. Measurement in wound healing: Science and the Management, Springer Verlag London UK 2012, ISBN 9781447129868. 2. Manual of Vascular Surgery, Jaypee Brothers Medical Publishers Pvt.Ltd.,New Delhi, 2010 ISBN 9788184489279. 3. MCQs for FRCS, Radcliffe Publishing, London New York. 2011, ISBN 9781846194931 4. Recent Advances in Surgery, Jaypee Brothers Medical Publishers Pvt.Ltd.New Delhi, ISBN 9788184485660			
	• 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	Revolving fund from the hospital generates approximately 20 lakhs per annum		

25.	Faculty selected nationally / internationally to visit other laboratories in India and abroad	
26.	Faculty serving in a) National committees b) International committees c) Editorial Boards d) Any other (please specify)	
	<ol style="list-style-type: none"> 1. Editor in Chief – World Journal of Surgical Research 2. Associate Editor – Indian Journal of Surgery, 3. Editorial Board Member - Cancer and Clinical Oncology, International Journal of Lower Extremity Wounds, USA, Surgery, Clinical and Experimental Gastroenterology, World Journal of Gastrointestinal Surgery, Open Access Surgery, International Journal of Collaborative Research in Internal Medicine and Public Health, Journal of Universal Surgery (Med Pub), Research and Reviews in Surgery, STM Journals, Journal of Clinical research, STM Journals, Internaitonal Journal of Medical and Pharma Research, Web Med Central plus, Web Med Central.com (UK), Journal of Academy of Medical Specialties (Indian Medical Association, UP Chapter) 4. Reviewer for Journals of Cancer and Clinical Oncology, Asian Journal of Medical Sciences, Nature Reviews Urology, International Wound Journal, UK, Annals of Medical & Health Sciences Research, International Journal of Medical & Pharma Research, Journal of Diabetics & Metabolism, Journal of Medicine & Clinicaql trials, Saudi Journal of Gastroenterology, Digestive Surgery, International Journal of Surgery, Southern Medical Journal, Postgraduate Medical Journal, Cancer Management and Research, Clinical and Experimental Gastroenterology, Open Access Surgery, Eastern Journal of Medicine, International Journal of Collaborative Research in Internal Medicine and Public Health, American Journal of Case Reports, International Journal of medicine and Medical Science, International Journal of Surgery Case Reports, Surgical Science, World Journal of Gastroenterology, Web Med Central. Web Med Central.com (UK), Indian Journal of Cancer, Annals of Medical & Health Sciences Research, International Journal of medical & Pharma Research, Journal of Diabetes & Metabolism, Journal of Medicine & Clinical trials 5. Member, Board of Studies in Surgery of Dr. D.Y. Patil Vidyapeeth, Pune, Deen Dayal Upadhyaya Gorakhpur University 6. Member of the Sub-group on ‘General Surgery and Day Care Procedure’ speciality for the Development of Standard Treatment Guidelines initiated by the Ministry of Health & Family Welfare, Govt. of India, 7. Co-ordinator / Inspector - Medical Council of India 8. Inspector / Examiner, Diplomate National Board, New Delhi 9. Expert Selection Committee – UPSC, Uttar Pradesh, BPKIMS, Dharan, AMU, Aligarh, KGMU, Lucknow, PSC, Jammu & Kashmir, IGIMS, Patna, PGI, Chandigarh, Indian Institute of Information Technology, Allahabad, SGPGI, Lucknow, Uttarakhand PSC, Moti Lal Institute of Engineering, Allahabad 10. Governing Council Member, ASI 11. Past President of UP Chapter ASI 12. Mentor / Resource person in DST – INSPIRE Programme, Dept. of Science & Technology, Govt. of India 13. Faculty, Program Scientific Committee in International Online Medical Conference 	
27.	Faculty recharging strategies	
28.	Student projects <ul style="list-style-type: none"> • Percentage of students who have done in-house projects including interdepartmental projects • Percentage of students doing projects in collaboration with other universities / industry / institute 	All PG students carryout research projects for their M.S. thesis (100%)
29.	Awards / recognitions received at the national and international level by <ul style="list-style-type: none"> • Faculty • Doctoral / post doctoral fellows • Students 	Many residents received best student award of UPASI and best poster awards and quiz competition prizes
	<ol style="list-style-type: none"> 1. President elect Indian Hernia Society 2013. 2. Lifetime Achievement Award in 3rd Congress of the World Union of Wound Healing Societies 2008 at Toronto, Cananda. 3. Fellow of the National Academy of Medical Sciences (India). 4. Delivered Prof. L.M. Singh memorial oration in Department of Shalya Shalkya, IMS, BHU, 2008. 5. Delivered Prof. A.K. Sen memorial oration in Association of Surgeons of India (West Bengal Chapter) SASICME – 2008 at Kolkata on September 12-14, 2008. 6. Delivered Guest Lecture in 11th Annual conference of Indian Society of Wound Management (WOUNDCON-2008) held at Ahmedabad in January 18-20, 2008. 	

7. Delivered Guest Lecture in Workshop on Advanced Laparoscopic Procedures in G.I. Malignancy at Patna on 27th March, 2008.
8. Delivered Guest Lecture in International Conference, CME cum Live Workshop and Inaugural Conference of the Indian Society for Trauma and Acute Care (ISTAC) (TRAUMA – 2008) at New Delhi on November 28-30, 2008.
9. Delivered Guest Lecture in Workshop and CME on G.I. & Laparoscopic Surgery from February 7-8, 2009 at Gorakhpur.
10. Delivered Guest lecture in International Workshop cum CME on Wound Management from February 27-28, 2009 at Varanasi.
11. Delivered Guest lecture in III National Conference of Hernia Society of India on 22-23 August, 2009 at Indore.
12. Delivered Guest lecture in SASI-CME - 2009, NRS Medical College, WB State Chapter from 4th to 6th September, 2009.
13. Delivered Guest lecture in NAT SURGERY – 2009 at Jhansi from 10 September to 12th September, 2009.
14. Delivered Guest lecture in APASICON 2009 at Warangal, Andhra Pradesh from 11th -13th September, 2009.
15. Delivered Guest lecture in East Zone Joint CME & Workshop of The Association of Surgeons of India and the Association of Minimal Access Surgeons of India from 19th-20th September, 2009 at Bhubaneswar.
16. Delivered Guest lecture in **Global Academic Programs 2010 Conference** to be held in the Onstead Auditorium at M.D. Anderson Cancer Center on **April 13 - 16, 2010** in Houston, Texas.
17. Delivered Guest lecture in 4th International Symposium on Translational Research Recent Developments in Cancer Prevention Udaipur, Rajasthan, India. December 16th - 19th, 2011.
18. Delivered Guest lecture in 4th Congress of the World Union of Wound Healing Societies (WUWHS-2012) to be held in Yokohama, Japan on September 2-6, 2012.
19. Delivered Guest lecture in 5th National Conference & Live Operative Workshop of Indian Hernia Society to be held in Gwalior, MP on September 22-23, 2012.
20. Delivered Guest lecture in 22nd European Tissue Repair Society Meeting (ETRS-2012) in Athens, Greece from October 4-5, 2012.
21. Eminent Surgical Teacher Award, UPASI
22. Prof. P.N. Chuttani Oration, National Academy of Medical Sciences
23. Fellow InSA
24. Dr. R. Prasad Oration of Jharkhand, Dhanbad
25. Dr. S.P. Srivastava Oration of UPIMA, Gorakhpur
26. President Appreciation Award, IMA, Banaras
27. SPS Memorial Oration, NIMA, Varanasi
28. RM Tewari Oration of Jharkhand ASI, Jharkhand
29. Professor Krishnamoorthy Golden Independence Commemorative Oration of the ASI
30. Best Paper Award at the Annual Conference of ASI
31. Prof. S.P. Srivastava Memorial Oncology Oration of UP ASI
32. WUWHS Scholarship at the 3rd World Congress of World Union of Wound Healing Societies at Toronto, Canada
33. Delivered Guest Lecture at the East Zone CME of Endocrine Society of India, Ranchi
34. Delivered Guest Lecture at the Annual Conference of ASI
35. Delivered Guest Lecture at the Annual Conference of Indian Society of Wound Management
36. Delivered Guest Lectures in UGC Academic Staff College, BHU
37. Delivered Guest Lecture on Training on Trainers (ToT) organized by Faculty of Ayurveda
38. Dr. A.K. Basu Travelling Fellowship of ASI
39. Young Outstanding Surgical Teacher of UP Chapter of ASI
40. Ethicon Travelling Fellowship in Rural Surgery of ASI
41. Fellowship of International College of Surgeons of India – Indian Section of International College of Surgeons
42. Fellowship Association of Surgeons of India
43. Fellow of American College of Surgeons
44. Reviewer of the Month - International Journal of Surgery, UK, 2012.
45. International Guest Scholar in Surgical Education and Training – American College of Surgeons 2011.
46. Ethicon Traveling Fellow in Rural Surgery - Association of Surgeons of India 2010
47. Arthur de Sa Memorial CSEP Lecture – International College of Surgeons, Indian Section, Amritsar 2009
48. Nadia Medal for Best Research Publication of the year in Surgery – Association of Surgeons of India, West Bengal Chapter 2009
49. Arthur de Sa Memorial CSEP Lecture – International College of Surgeons, Indian Section, Trichy 2008
50. Outstanding Paper Award–International College of Surgeons, Indian Section, Trichy 2008
51. Dr. AK Basu Traveling Fellow in Surgery–Association of Surgeons of India 2008
52. Invited Lecture on Touch Imprint Cytology Evaluation of Sentinel Lymph Node in Breast Cancer in ASICON – 2011
53. FESTA Scholarship and Travel Grant in 10th Postgraduate Course in Endocrine Surgery, SGPPI, Lucknow
54. Examiners in many universities
55. Dr. A.D. Sehgal best Poster Award in 54th Annual Conference of International College of Surgeons (Indian Section)
56. Outstanding Paper Award in 55th Annual Conference of International College of Surgeons (Indian Section)
57. Fellowship for individuals from countries with limited resources to attend and present poster in EBCC 8 – The European Breast Cancer conference, Vienna, Austria

30.	Seminars / conferences / workshops organized and the source of funding (national / international) with details of outstanding participants, if any	18 CME / Workshops were organized by the Department by various faculty members
	<ol style="list-style-type: none"> 1. Dr. T.P. Banerjee Symposium on Surgical Skills, UP Chapter ASI – Convener 2. XIV Annual Conference of Indian Society of Wound Management 9WOUNDCON – 2011) 3. Workshop on Anorectal Diseases 4. Anastomotic Workshop 5. CME on Surgical Oncology 6. Sutures Practum 7. CME on Anorectal Diseases 8. CME on Complications in Surgery 9. CME on Basics of Laparoscopic Surgery 10. Workshop on Hernia 11. CME on Breast Cancer 12. ICON Sports 13. CME on Venous Diseases 14. North Zone Conference International College of Surgeons 15. Workshop on Suturing and Knotting 16. Workshop on Basic Medical Writing 17. International Workshop and CME on Wound Management, Dept. of Shalya 18. CME on Colorectal Diseases, Dept. of Shalya Tantra 	
31.	Code of ethics for research followed by the departments	
32.	Student profile course-wise	Admissions are done on the basis of All India test

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

33.	Diversity of students	Belong to different states
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Name o the course (refer to question no.4)	% of students from the same university	% of students from other universities within the state	% of students from universities outside the state	% of students from other countries
MS	50%	20%	30%	Nil

34.	How many students have cleared Civil Services and Defence Services examinations, NET, SET, GATE and other competitive examinations? Give details category-wise	Nearly 60% of our PG students passing out every year compete and get admission in post doctoral M.Ch. courses
35.	Student progression	

Student Progression	Percentage against enrolled
UG to PG	100%
PG to M.Phil	
PG to M.Ch.	60%
Ph.D. to Post Doctoral	
Employed	No campus selection
• Campus selection	80%
• Other than campus recruitment	
Entrepreneurs	20%

36.	Diversity of staff
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Percentage of faculty who are graduates	
Of the same university	09
From other universities within the state	01
From universities from other states	03
From universities outside the country	Nil

37.	Number of faculty who were awarded Ph.D., D.Sc. and D.Litt during the assessment period	None
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38.	Present details of infrastructural facilities with regard to : a) Library b) Internet facilities for staff and students c) Total number of class rooms d) Class rooms with ICT facility e) Students' laboratories f) Research laboratories	Departmental Library with 270 books All have internet facilities Four (One in Department + 3 in hospital) One Hospital wards are teaching labs. One
39.	List of doctoral, post-doctoral students and Research Associates a) From the host university b) From other universities	1 1
40.	Number of post graduate students getting financial assistance from the university	<ul style="list-style-type: none"> Intramural Research Grants from the Revolving fund of the Department 3 postgraduate students received financial support of Rs.25,000/- each from ICMR for their thesis work
41.	Was any need assessment exercise undertaken before the development of new programmes(s), if so, highlight the methodology	No
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 feed back? 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?	Informal feedback is obtained and the UG & PG teaching programmes are accordingly modified Mainly from the PG students based on which modifications have been made in the PG teaching programmes No
43.	List the distinguished alumni of the department (maximum 10)	
	1. Dr. Gurpreet Singh Professor of Surgery PGIMER, Chandigarh – 160 012	2. Dr. Sunil K. Gupta Professor of Neurosurgery PGIMER, Chandigarh – 160 012
	3. Dr. Sunil K. Saini Professor of Surgical Oncology Himalayan Inst. Of Med. Sciences Jolly Grant, Dehradun	4. Dr. Gaurav Agrawal Additional Professor Dept. of Endocrine Surgery SGPGIMS, Lucknow
	5. Dr. Ashok Kumar Additional Professor Dept. of Surgical Gastroenterology SGPGIMS, Lucknow	6. Dr. Pankaj Chaturvedi Consultant Head & Neck Surgeon Tata Memorial Hospital, Parel, Mumbai – 400 012
	7. Dr. Alok Pathak Professor & Director Surgical Fellowships & Program Director Head & Neck Surgical Oncology Cancer Care Manitoba, Winnipeg, Canada.	8. Dr. Puneet Seth Consultant Trauma & Emergency Surgery Singapore General Hospital Singapore.
	9. Dr. Nitin Sharma Consultant Plastic Surgeon University of Tasmania, Australia.	10. Dr. Talvinder S. Gill Consultant, Colo-Rectal Surgeon Birmingham, U.K.
44.	Give details of student enrichment programmes (special lecture s/ workshops / seminar) involving external experts	<ul style="list-style-type: none"> Lectures by Visiting faculty Medical Writing Workshop Suture & Knotting Workshop
45.	List the teaching methods adopted by the faculty for different programmes	Powerpoint presentation / chalk and blackboard / Tutorials / Problem based learning / Bed side clinical teaching
46.	How does the department ensure that programme objectives are constantly met and learning outcomes are monitored?	Constant periodic evaluation of UG & PG students
47.	Highlight the participation of students and faculty in extension activities	Conduct of health camps, Attending CMEs, Conferences, Clinical meetings
48.	Give details of "beyond syllabus scholarly activities" of the department	Conduct of CMEs / Workshops for the PG students
49.	State whether the programme / department is accredited / graded by other agencies? If yes, give details	Medical Council of India is the regulatory body which however does not grade
50.	Briefly highlight the contributions of the department in generating new knowledge, basic or applied	Department has made contribution in the field of wound healing, cancer gall bladder

51.	Future plans of the department	Developing surgical Skill Labs., Developing a HDU, Starting new subspecialities, Developing a good research infrastructure
52.	Detail any five strengths, weaknesses, opportunities and challenges (SWOC) of the department	
	Strengths	Committed dedicated faculty which is well qualified, has a good publishing track record and is known nationally and internationally. Contribution in the field of carcinoma gall bladder and wound healing are widely recognized.
	Weaknesses	Inadequate infrastructure and funding, Man power constraints
	Opportunities	One of the most well established Departments which has been a leader in surgical education and training. Potential to develop interdisciplinary and trans-disciplinary research because of its presence within the university. Creation and development of new sub specialities for which faculty positions have already been sanctioned in XI plan.
	Challenges	To keep pace with the rapidly advancing technology and innovation in surgical practice. To improve quality of research