

Evaluative Report of the Department

1. Name of the Department : **Radiodiagnosis & Imaging**
2. Year of establishment : **1962**
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.) : **M.D. (Radiodiagnosis)**
5. Interdisciplinary programmes and departments involved : **_____**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **No**
7. Details of programmes discontinued, if any, with reasons : **None**
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)

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

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

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D./M.Phil. students guided for the last 4 years
Dr. Arvind Srivastava	M.D.	Professor & Head	Diagnostic Radiology	32 Year	
Dr. R. C. Shukla	M.D.	Professor	Diagnostic Radiology	27 Year	
Dr. Amit N. D. Dwivedi	M.D.	Asstt. Professor	Diagnostic Radiology	2.5 Year	
Dr. Ashish Verma	M.D.	Asstt. Professor	Diagnostic Radiology	2.4 Year	

12. List of senior Visiting Fellows, adjunct faculty, emeritus professors : Nil
13. Percentage of classes taken by temporary faculty – programme-wise information : -----
14. Programme-wise Student Teacher Ratio : 18 : 4 (4.5 : 1)
15. Number of academic support staff (technical) and administrative staff: sanctioned, filled and actual : ---
16. Research thrust areas as recognized by major funding agencies : -----
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. –
- (i) UGC-BSR Research startup grant for newly recruited faculty at Assistant professor (Dr. Ashish Verma) Level of Science Department
- (ii) Task force IV in India – Longesnan Cell histocytosis funded by ICMR, Dr. Ashish Verma : Co-investigator
18. Inter-institutional collaborative projects and associated grants received
- a) National collaboration b) International collaboration : -----
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, AICTE, etc.; total grants received. : -----
20. Research facility / centre with
- state recognition ----
 - national recognition ----
 - international recognition ----
21. Special research laboratories sponsored by / created by industry or corporate bodies : -----
22. Publications:
- * Number of papers published in peer reviewed journals (national / international)
 - * Monographs –

Dr. Amit Nandan Dhar Dwivedi (Asstt. Professor)

- a. **Amit N Dwivedi**, Manoj Pandey, R C Shukla, V K Shukla, Saurabh Gaharwar, B N Maurya. Biological behavior and disease pattern of carcinoma gall bladder shown on 64 slice CT scanner: Hospital based retrospective observational study and our experience. **Indian J Cancer 2012 July;49(3):303-308. IF 0.961. PMID 23238149**
- b. **Amit N Dwivedi**, Prashant K Gupta, Rohit Bhargava, Kumkum Gupta. Primitive neuroectodermal tumor of chest wall in a young adult: comprehensive work-up, nine months post surgery follow-up and adjuvant chemotherapy. **World J Surg Med Radiat Oncol 2012; 1:19-24.**
- c. **Amit N Dwivedi**, Suchi Tripathi, Sunny Garg, V K Dixit. A rare isolated polycystic pancreatic disease. Radiation free diagnostic protocol in selected cases. **Indian J Endocr Metab 2012;16:1054-6. PMID: 23226670. PMCID:PMC3510944**

- d. **Amit N Dwivedi**, Madhu Jain, Suchi Tripathi, Sunny Garg, Shivi Jain. Diagnostic accuracy of Sonosalpingography for assessing tubal pathology in women with secondary infertility taking laparoscopy as gold standard. **Surgical Science**. 2012, 3, 414-417. doi:10.4236/ss.2012.38082
- e. **Amit N Dwivedi**, Arun G Thangiah, Madhukar Rai, Suchi Tripathi. Computed tomographic features of left Ventricular Diverticulum. **J Clin Imaging Sci** 2012, 2:48. DOI: 10.4103/2156-7514.99182. PMID: 22919562
- f. **Amit N Dwivedi**, Bhatia Lovekesh, Pandey Manoj, Shukla Vijay K and Shukla Ram C. Aggressive nature and loco-regional spread of carcinoma gall bladder: a 64 channel multi-detector CT pictorial review. **World J Surg Med Radiat Oncol** 2012;1:66-71
- g. **Amit N Dwivedi**; Gupta, Shiwani; Bhatia, Lovekesh; Tripathi, Suchi. Isolated Pericardial Hydatid Cyst. Anatomical Details on 64 Slice Multidetector CT scanner. **BMJ Case Rep**. 2012 Oct 9; 2012.doi: 10.1136/bcr-2012-006595. PMID:23047992
- h. **Amit N Dwivedi**, Tripathi R, Gupta Prashant K, Tripathi S, Garg S. MRI Evaluation of temporomandibular joint (TMJ) and associated soft tissue changes following acute condylar injury. **J Oral Maxillofac Surg**. 2012 Dec; 70(12):2829-34. doi: 10.1016/j.joms.2012.08.026. PMID 23141983. IF 1.640
- i. **Amit N Dwivedi**, Samir Rana, Suchi Tripathi, Shivi Jain, Dandy Walker malformation associated with compound craniosynostosis due to over drainage and shunt fracture. **Quarterly Journal of Surgical Sciences**. 2012;1(5):51-55

Dr. Ashish Verma (Asstt. Professor)

- **Verma A**, Vyas S, Patwari S, Verma M, Srivastava A, Shukla RC. MR Fistulogram Demonstration of Urethrovesicovaginal Fistula in a Case of Mullerian Agenesis Due to Traumatic Urethral Coitus. **J Min Inv Gynecol** 2012; 19(2):259-61
- **Verma A**, Mohan S, Gupta A. Ventriculo-peritoneal shunts can cause liver injury, Juxta and intrahepatic pseudocysts: Imaging findings and review of literature. **Clin Neurol Neurosurg** 2012;114(4):389-91

* Chapters in Books

* Edited Books -

Dr. Ashish Verma- Evidence for MR imaging in rectal malignancies In: "Evidence based Practice Guidelines – Tata Memorial Hospital Manual" 2010.

* Books with ISBN with details of publishers -

Dr. Amit N.D. Dwivedi - Lower Limb Ulcers: Indian study, Non Invasive diagnostic approach. LAMBERT ACADEMIC PUBLISHING ISBN 978-3-8433-7347-0

* 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 : ----
24. Areas of consultancy and income generated : ----
25. Faculty selected nationally / internationally to visit other laboratories / institutions / industries in India and abroad : ----
26. Faculty serving in
- a) National committees b) International committees c) Editorial Boards d) any other (please specify)

National Committees

Dr. Amit Nandan Dhar Dwivedi

- Life Member of Indian Radiological and Imaging Association, IRIA.
- Life Member of Indian College of Radiology and Imaging, ICRI.
- Life Member of Indian Society of Vascular and Interventional Radiology, ISVIR.
- Life Member of Research Society for the Study of Diabetes in India (RSSDI), UP BRANCH.
- Corresponding member of European Society of Radiology(ESR) for last three consecutive years

Editorial Board - Dr. Amit Nandan Dhar Dwivedi (Asstt. Professor)
Associate Editor of Quarterly Journal of Surgical Science

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

Orientation Programs-

Dr. Amit Nandan Dhar Dwivedi (Asstt. Professor)

- Guest Lecture delivered in 46th National conference ICAAICON-2012(2ND -4TH NOVEMBER): ROLE OF MULTIDETECTOR CT SCANNERIN ALLERGIC PULMONARY PATHOLOGIES.
- Guest Lecture delivered in CME-III (21-22 January 2013), Evidence Based Contemporary Management of Common Annavaha Srotastha Vyadhi in children: Interpretation of Gas images in making diagnosis concerned with GIT disorders of children.

Dr. Ashish Verma (Asstt. Professor)

- August 2012. Varanasi. Imaging in Lower Back Ache. 1st MCI - CME Varanasi IMA, Varanasi.
- August 2012. Varanasi. Panel Discussion. 1st MCI - CME Varanasi IMA, Varanasi.
- November 2012. Varanasi. Imaging evaluation in Orthopedics. U.P.R.T.C- 2012 Varanasi.

- December 2012, Kolkatta. Preoperative Imaging Evaluation of Pancreatic Malignancies – Differentiating resectable, borderline resectable & unresectable. Association of Surgeons of India, Specialty Chapter, Kolkatta.
- December 2012, Varanasi. MRI – A primer for physicians. Department of General Medicine, IMS, BHU, Varanasi.

28. Student projects

- 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
- Doctoral / post doctoral fellows
- Students
 - **BEST PAPER AWARDS** for the presentation Bimanual Compression therapy of uterine artery Pseudoaneurysm. November, 2011, Lucknow. RICON – 2011. 25th Annual meeting of UP chapter of IRIA. **Madhvi, Verma A, Shukla RC, Srivastava A.**
 - **Dr. Ashish Verma (Asstt. Professor)** was Awarded Korean society of Radiology Travel Fellowship. KSR 2012

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 : ----

32. Student profile programme-wise:

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

33. Diversity of students

Name of the Programme (refer to question no. 4)	% of students from the same university	% of students from other universities within the State	% of students from universities outside the State	% of students from other countries
M.D. (Radiodiagnosis)	50%	50%		Nil

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

35. Student progression

Student progression	Percentage against enrolled
UG to PG	
PG to M.Phil.	-
PG to Ph.D.	
Ph.D. to Post-Doctoral	
Employed	-
• Campus selection	
• Other than campus recruitment	
Entrepreneurs	

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	25%
from other universities within the State	50%
from universities from other States	25%
from universities outside the country	-

37. Number of faculty who were awarded M.Phil., Ph.D., D.Sc. and D.Litt. during the assessment period : **None**

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 : **Two**
- d) Class rooms with ICT facility :
- e) Students' laboratories : **Yes**
- f) Research laboratories :

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

- a) from the host institution/university : -
- b) from other institutions/universities : -

40. Number of post graduate students getting financial assistance from the university. : **18**

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

42. Does the department obtain feedback from
- faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? -
 - students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? -
 - 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) Dr. Virinder Mohan (1975)
Director Prof. : Subharti Medical University
 - (2) Dr. V. R. K. Rao (1977)
Professor & HOD : Manipal Medical Institute
 - (3) Dr. K. Sashi Babu (1978)
Cardio - Radiologist : Sree Chitra Instt., Trvandrump
 - (4) Dr. Kamta Prasad (1981)
Additional Director : UP State Medical Services
 - (5) Dr. Sanjay Gupta (1989)
Intervention Radiologist : MD Anderson Cancer -
Instt., Texas (USA)
 - (6) Dr. Alpana Manchanda (1993)
Professor : Maulana Azad Med. College, Delhi
 - (7) Dr. Bimal Sood (1993)
Consultant Radiologist : Brisbane Royal Hospital, Australia
 - (8) Dr. Yadasoondaren Ganeshan (1995)
Senior Radiologist : State Health Services, Mauritius
 - (9) Dr. Tarun Pandey (2000)
Associate Professor: Univ. of Arkansas Med. School(USA)
 - (10) Dr. Rashmi Saraf (2006)
Sr. Intervention Radiologist : KEM Hospital, Bombay
44. Give details of student enrichment programmes (special lectures / workshops / seminar) involving external experts. -
45. List the teaching methods adopted by the faculty for different programmes.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? -
47. Highlight the participation of students and faculty in extension activities. -
48. Give details of “beyond syllabus scholarly activities” of the department. -
49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. -
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied. -
51. Detail five major Strengths, Weaknesses, Opportunities and Challenges (SWOC) of the department.
52. Future plans of the department.
 - **Interventional Radiology setup**
 - **Strengthening of the M.D (Radiodiagnosis) core curriculum**
 - **Addition of routine evening clinical radiology session**
 - **Initiation of Interdepartmental interactions**