

Evaluative Report of the Department

1. Name of the Department: **Radiotherapy & Radiation Medicine**
2. Year of the Establishment: **1967**
3. Is the department part of a School/Faculty of the university?: **Yes**
4. Name of the programmes offered (UG,P G,M. Phil, Ph.D ,Integrated masters, Integrated, Ph.D, D.Sc, D. Ltt, etc): **MD(Radiotherapy), PG Diploma in Medical Technology(Radiotherapy)**
5. Interdisciplinary programmes and departments involved: **Collaborative project with Department of Molecular and Human Genetics**
6. Courses in collaboration with other universities, industries, foreign institutions, etc.: **Annual**
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: **Nil**
10. Number of teaching posts sanctioned, filled and actual (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual(including/ CAS&MPS)
Professors	2	2	3
Associate Professors	3	1	1
Asst. Professors	2	1	Promotion under CAS as professor 1
Others RSO	1	1	1 Nil Associate Professors with charge of RSO
Radiological Physicist	1	0	0

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 Stuent's guided for the last 4 years
Prof.A.K.Asthana	MD(Radiotherapy)	Prof.	MD(Radiotherapy)	32years	6+1
Prof.S.Pradhan	MD(Radiotherapy)	Prof. &Head	MD(Radiotherapy)	24 years	8+3
Prof.U.P.Shahi	MD(Radiotherapy)	Prof.	MD(Radiotherapy)	27 years	6+4
Dr.Lalit M	M.Sc, D R P, Ph.D	Asso. Prof.	DRP	3 years	2

Aggarwal					
Dr.Sunil Choudhary	MD(Radiotherapy)	Assistant Professor	MD(Radiotherapy)	3 years	-
Dr.A.Mandal	M.Sc, D R P, Ph.D	Radiological Physicist	D R P	11 years	4

12. List of senior visiting fellows, adjunct faculty, and emeritus professors: Nil

13. Percentage of classes taken by temporary faculty-Programme-wise information: Nil

programme- wise student teacher Ratio: No temporary faculty: MD 6:9

PGDMT 6:12

14. Number of academic support staff (Technical) and administrative staff: sanctioned, filled and actual:

NA

Statement showing number of post for the department of Radiotherapy & Radiation Medicine

Sl. No	Name of Post	No. of Post	Details of the Post	Filled	Vacant
01.	STA	6	P.B No. 96, item No. 2-7(1 transferred to Surg. Research Lab.	4	2
	STA	2	1-Transferred to Neurology deptt.) Vlth Plan		
02.	Lab. Assistant	2	P.B No.96 item no.9-1-1 Vth Plan-1	1	1
03.	Lab. Attendant	6	P.B. No.101 item No.1-6(2 transferred to Radiology deptt.) Item No.1-6	2	2
04.	Store Keeper	1	Vth Plan	Nil	1
05	Social Worker	1	Vth Plan	1(On re-engagement)	Nil

15. Research thrust areas as recognized by major funding agencies: Nil

16. Number of faculty with ongoing projects from a)national b)international funding and C) Total grants received .Give the names of the funding agencies project title and received project wise

Prof. S. Pradhan:

- Co-Investigator** of Research Project **“Molecular Pathology of Cervical Carcinogenesis”**. Funded by **Dept. of Biotechnology, Government of India**. Value- **Rs 43.35 lakhs**. (Project ran from Nov. 2007 to March 2012).
- Co-Investigator** of Research Project **“Investigation of Nigella Sativa seeds for its radiomodulatory property and its probable mechanism of action”**. Funded by **Dept. of Atomic Energy, Government of India**. Value- **Rs 26.775 lakhs**. (Project ended march 2012)

17. Inter-institutional collaborative projects and associated grants received : Nil

a) National Collaboration. b) International Collaboration

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

As above

19. Research facility/Centre with **Nil**

State recognition

National recognition

International recognition

20.Special research laboratories sponsored by/created by industry or corporate bodies **No**

21.Publication List Enclosed

Number of papers published in peer reviewed journals (national/international)

Monographs-

SNIP

SJR

Impact Factor-range/average

h-index

Prof.A.K.Asthana -4

Prof.S.Pradhan -7

Prof.U.P.Sfhahi -4

Dr.Laalit M Aggarwal -3

DR.A.Mandal -3

22.Details of patents and income generated :Nil

23.Areas of consultancy and income generated :Nil

24.Faculty selected nationally internationally to visit other laboratories/institution industries in India and abroad: **Prof. S.Pradhan, Dr. A Mandal-TMH**

25. Faculty serving in

a) National Committees b) International Committee. C) Editorial Boards D) any other:

Dr. Lalit M Aggarwal-JMP

Dr. A Mandal-Web Editor

26.Faculty recharging strategies(UGC,ASC,Refresher/Orientation programs,workshop,training programs and similar programs): Banaras Hindu Univrsity: **Refresher-1, Workshop-4**

Orientation Programs

27.Student projects : ongoing MD thesis

- Percentage of students who have done in-house projects including inter-departmental projects: **Nil**
- Percentage of students doing projects in collaboration with universities/industry/institute: **Nil**

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

- Faculty-**Prof.U.P.Shahi- Oration-BL Oration UP AROI**
Prof.S.Pradhan-AROI Kirloskar Therapeutics Fellowship
- Doctoral/post doctoral fellows
- Students

29. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants if any: **ICRO Teaching Programe, Work shop on Radiation safety**

30. Code of ethics for research followed by the departments: **As per university rules**

31.Student profile programme-wise:

Name of the Programme	Applications received	Selected		Pass percentage
		Male	Female	

(refer to question no,4)			Male	Female
MD			100%	100%
Ph.D				
PGDMT		10	13	

32. Diversity of students

Name of the Programme (refer to question no,4)	% of students from the same university	% of students from other university within the state	% of students from universities outside the state	% of students from other countries
MD		1	15	3
PGDMT			22	1

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

34. Student progression

Student progression	Percentage against enrolled
UG to PG	Nil
PG to M.Phil	Nil
PG to Ph.D	Nil
Ph.D to Post Doctoral	Nil
Employed	100%
Campus Selection	Not available
Other than campus recruitment	100%

35. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	One
From other university within the states	-
From other university other states	4
From university outside country	

36. Number of faculty who were awarded M.Phil, Ph.D, D.Sc and D.Litt. during the assessment period: nil

37. Present details of departmental infrastructural facilities with regard to

- a) Library: **yes 260 Books**
- b) Internet facilities for staff and students: **Yes**
- c) Total number of class rooms: **one**
- d) Class rooms with ICT facility: **No**
- e) Students laboratories: **None**
- f) Research laboratories: **None**

38. List of doctoral, post-doctoral students and research Associates: As per university rules

A)from the host institution/university : 4

b)from other institutions/universities :

39. Number of post graduate students getting financial assistance from the university:Nil

40. Was any need assessment exercise undertaken before the development of new programme(s)? If so, highlight the methodology: **No**

41. Does the department obtain feedback from: **yes**

a) Faculty of curriculum as well as teaching learning evaluation? If yes, how does the department utilize the feedback?: **Yes, to improve the curriculum**

b) Students on staff, curriculum and teaching learning evaluation and how does the department utilize the feedback: **Yes, to improve the programme**

c) Alumni and employers on the programmes offered and how does the department utilize the feedback: As above **Yes**

42. List the distinguished alumni of the department (maximum 10): **List enclosed**

43. Give details of student enrichment programmes (Special lectures /workshops/Seminar) involving external experts: **Workshop-2,Special Lecture-2**

44. List the teaching methods adopted by the faculty for different programmes: **Class room teaching, Case presentation, Journal Club, Seminar, practical, Audiovisual bed side Teaching**

45. How does the department ensure that programme objectives are constantly met and learning outcomes of students and faculty in extension activities: **Time to time review**

46. Highlight the participation of students and faculty in extension activities:

Medical Camp

47. Give details of beyond syllabus scholarly activities” of the department: **Nil**

48. State whether the programme/department is accredited /graded by other agencies? If yes, give details: **Yes Approved by Atomic Energy Regulatory Board Mumbai,(Govt. of India)**

49. Briefly highlight the contributions of the department in generating new knowledge, basic or applied:

- We are providing the skilled human resources (Medical and paramedical staff)

50. Detail five major strengths, weaknesses, Opportunities and challenges (SWOC) of the department:

Strength:

- 1.Experinced faculty
2. Vast clinical materials in terms of large number of patients
- 3.Good Academic Programme
- 4.Integrated and combined modality approach with cgemotherapy and Radiotherapy
5. Excellent Radiation Safety program,RSO Leavel III

Weakness

- 1.Low and Inadequate funding
- 2.Lack of Modern and Latest equipments

3. Less manpower (Teaching Technical and other staff)
4. Lack of Research faculty
5. Inability to meet the demand of high patient load.

Opportunity

1. Inter disciplinary and transnational Research opportunity in the university set up available
2. Variety of patients provide an opportunity to create a strong research environment
3. Provide Leadership in Academic and skill development programme (Unique course in the field to address special issues)
4. Community oncology.
5. Development of Hospice Care for

Challenges.

1. Adequate funding for obtaining state of the art equipment and Technology
2. Have adequate manpower and spare.

51. Future plans of the department:

- To develop a comprehensive Cancer Hospital and Tertiary Cancer Centre at BHU. Projects have been sent to the concerned authorities.

Distinguished alumni

Prof. K. Subrahmanium	REtd. Professor MNJ Cancer Hospital, Radium Institute, Red Hills Hyderabad-500004
Prof. Harbans Lal Kapoor	Ex- Principal Indra Gandhi Medical College, Simla
Prof. K.(Mrs) Kamal Sahni	Former Director General Medical Education and Training Govt. of Uttar Pradesh, Lucknow
Dr. V. Ramesh	
Prof. B. N.Rao	Director R.C.C(MNJ Cancer Hospital), Red Hills, Hyderabad
Prof. A. K. Asthana	Professor& Head, Department of Radiotherapy & Radiation Medicine, IMS,BHU
Prof. O. P. Singh	Professor & Head Govt. Medical College Bhopal
Prof. S. Pradhan	Professor, Department of Radiotherapy & Radiation Medicine, IMS,BHU
Prof. K. K. Singh	Professor, Department of Radiotherapy, Pravara Institute of Medical Sciences
Dr.Sushma Agarwal	Department of Radiotherapy, SSGPGI, Lucknow