

IQAC-62
25/6/13

**DEPARTMENT OF NEPHROLOGY
INSTITUTE OF MEDICAL SCIENCES
BANARAS HINDU UNIVERSITY**

Ref.No.Nephro/2012-13/ 564

Dated: 24.06.2013

To,
The Deputy Registrar
Internal Quality Assurance Cell
Banaras Hindu University.

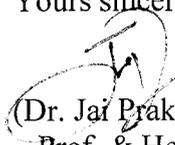
Dear Sir,

With reference to your letter No. IQAC/13-14/SSR/63 dated 13.06.2013, I am pleased to provide the necessary information on the prescribed format for the purpose of Cycle II assessment and accreditation by National Assessment and Accreditation Council (NAAC).

Should you need any clarification, please do not hesitate to contact me.

Thanking you,

Yours sincerely,


(Dr. Jai Prakash)
Prof. & Head

25-06-2013

Encl. As above

Jai Prakash

Evaluative Report of the Department

1. Name of the Department : **Nephrology, IMS**
2. Year of establishment :
As Division of IMS 1976
As Department of IMS 1998
3. Is the Department part of a School/Faculty of the university?
Department is part of Institute of Medical Sciences, Banaras Hindu University, Varanasi
4. Names of Programmes offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)
Post-graduate DM in Nephrology, Ph.D.
5. Interdisciplinary Programmes and departments involved
Transplant Programme with department of urology
6. Courses in collaboration with other universities, industries, foreign institutions, etc.
7. Details of programmes discontinued, if any, with reasons
8. Examination system: Annual/Semester/Trimester/Choice Based Credit System
9. Participation of the department in the courses offered by other departments
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors/others)

	Sanctioned	Filled	Actual (including CAS & MPS)
Professor	1	1	
Associate Professors	1	1	
Asst. Professors	1	1	

11. Faculty profile with name, qualification, designation and 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
Prof. R. G. Singh	MBBS, MD, DM (Nep), MNAMS (Nep), FICA, FFIM, FIMAAMS, IACM, FICN, FGSI, FICP, FMM, FIASM, FIAY	Professor & Head	DM (Nephrology)	35 Years	4 Ph.D, 4 DM, 4 MD
Prof. Jai Prakash	MBBS, MD, DM, DNB	Professor	DM (Nephrology)	27 Years	4DM, 4MD
Dr. Shivendra Singh	MBBS, MD, DM	Assistant Professor	DM (Nephrology)	6 Years	3 Ph.D. (Co-guide)

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors
 Prof. Yvkoo, Vice Chancellor, SRM University, Chennai
 Prof. ICJ Singh, Vice Chancellor, Adesh Medical University. Bhatinda.
 Prof. T Raviraju, Prof & Head Dept of Nephrology, Andhrapradesh Medical College, Vishakapattnum.
 Prof. S.C. Tiwari, Prof& Head, Department of Nephrology, AIIMS, New Delhi.
 Prof. L.C.Sharma, Prof & Head, Dept. of Nephrology SMS Medical College, Jaipur.

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

14. Programme-wise Student Teacher Ratio

2 : 1 (for DM Students)

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

Technical	Sanctioned	Filled
STA/TA	One	One
Dialysis Technician	One	One
Lab Assistant	One	One
Lab Attendant	Two	Nil
Non-Teaching		
Senior Assistant	One	One

16. Research trust areas recognized by funding agencies :
 National Facility for Tribal and Herbal Medicine (P-07-376) "Establishment of facilities for identification, chemical characterization, standardization and quality control of medicinal plants found in Tribal area of Central India"

Role of Icodextrin in CAPD Patients

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) Principal Investigator: Prof.R.G.Singh
 Funding: Seven Crore and Fifty Six Lacs
 Source: DST (Govt of India)
- II) Role of Icodextrin in patients of CAPD
 Funding Rs.Two Lacs
 Source: M/S Baxter

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.

National Facility for Tribal and Herbal Medicine (P-07-376) "Establishment of facilities for identification, chemical characterization, standardization and quality control of medicinal plants found in Tribal area of Central India"

20. Research facility / centre with
 - State recognition
 - National recognition: **Drug Trial and Clinical Pathology Lab**
 - International recognition
21. Special research laboratories sponsored by / created by industry or corporate bodies.
Drug Trial and Clinical Pathology Lab
22. Publications:

Number of publications in peer reviewed journals

Fifteen

- Books and monographs
Five Chapters in Books and monographs
Associate Editor; Text Book of Nephrology for Asian Physician J.P. Brothers Publication, New Delhi, INDIA
- Publications with their impact Factor (give full reference of maximum 10 publications from a Department)

Prof. R. G. Singh:

1. Sonkar GK, Usha, **Singh RG**: A preliminary study on the significant value of B₂ microglobulin and serum creatinine in renal transplant rejection and renal failure. Singapore Med. Journal, 49 (10) 786-789, 2008.
2. Usha, Sunil Kumar, **Singh R.G.**, Tapes Sagar, Prakash J: Mesargioproliferation GN; An important cause in Nephrotic syndrome of young adult, Ind. J. Path. Micro, 51 (3): 337-341, 2008.
3. G.K. Sonkar, Usha, **R.G. Singh**: In Serum Transforming Growth Factors Beta/superior to S. creatinine for assay of renal failure and renal transplantation. J. of J.K. Sciences. 11(2): 62-66, 2009.
4. **Rana Gopal Singh**, Sanjeev Kumar Behura, Rakesh Kumar, : Litholytic property of kulattha (Dolichous Biflorus) vs Potassium Citrate in Renal Calculus Disease: A Comparative Study, : JAPI 286- 289, May 2010.
5. **R.G. Singh**, U. Singh, S. Singh, Sailza: Plasma Endothelin and Resistin level in hypertension and Diabetic Mellitus. International J. of Pharma. Sc. & Health Care, 2(1): 1-8, 2011.

Prof. Jai Prakash:

1. **Jai Prakash**, Vohra R., Wani I.A., Murthy A.S., Srivastava P.K., Tripathi K., Pandey L.K., Usha, Raja R.: Decreasing incidence of renal cortical necrosis in patients with acute renal failure in developing countries: A single-centre experience of 22 years from Eastern India. Nephrol Dial Transplant., 22(4):1213-7, Apr. 2007.
2. **Jai Prakash**, Mandal A.K., Vohra R., Wani I.A., et al.: Renal Disease is a prodrome of multiple Myeloma: An analysis of 50 patients from Eastern India. Renal Failure, 31:267-271, 2009.
3. **Jai Prakash**, Shashidhar S., Parekh A., et al.: Acute kidney injury in late pregnancy in developing countries. Renal Failure 2010; 32:309-313.

4. **Jai Prakash**, Amit Kumar Mahapatra, Biplob Ghosh, Puneet Arora, Ashok Kumar Jain. Clinical Spectrum of Renal Disorders in Patients with Cirrhosis of Liver. Renal Failure 2011;33(1):40-6.
5. **Jai Prakash**, Behura SK, Ghosh B, et al.: Renal amyloidosis: A rare presenting manifestation of Hodgkin's disease Hong Kong J. Nephrol, 2011; 13:74-76.
- Invited Talks/Chaired Sessions in International meetings (teacher wise Specific details to be provided)

Prof. R.G.Singh:

- 1) Invited talk at the International Congress on Sports Medicine 2009 and chaired a session
- 2) Invited Guest Lecture talk at 16th World Congress of Clinical Nutrition and chaired a session.
- 3) Invited as a Panelist in the 4th International Conference of Hemodialysis in 2011.
- 4) Chaired session in the International Conference of Yoga in 2010.
- 5) Chaired Session in International Conference on Recent Advances on safety and efficacy of Ayurvedic Formulations 2011.
- Awards/Honours/Recognitions

Prof. R.G.Singh:

- a) President : Indian Society of Hypertension 2010-11
- b) Vice President: Indian Society of Hemodialysis 2010-11
- c) Chairman: Academic Council for Indian Federation Of Sports Medicine
- d) Vice President: Indian Society of Organ Transplant 2007-08
- e) Vice President: Geriatric Society of India 2007-08
- f) Secretary General : Indian Academy of Yoga.2006-till date

Prof. Jai Prakash:

- a)President: Indian Society of Nephrology 2011-12
- b)Council Member of Executive Council, Indian Society of Organ Transplant(ISOT):2009-2011

Dr.Shivendra Singh

Secretary General; Indian Medical Association ,BHU Branch
(2010-12)

Students

Best Paper Award: ISN-2010

- Five most cited papers of the Department (year 2000 onwards, give full reference)

1. **Jai Prakash**, Vohra R., Wani I.A., Murthy A.S., Srivastava P.K., Tripathi K., Pandey L.K., Usha, Raja R.: Decreasing incidence of renal cortical necrosis in patients with acute renal failure in developing countries: A single-centre experience of 22 years from Eastern India. Nephrol Dial Transplant., 22(4):1213-7, Apr. 2007.
2. **Jai Prakash**, Mandal A.K., Vohra R., Wani I.A., et al.: Renal Disease is a prodrome of multiple Myeloma: An analysis of 50 patients from Eastern India. Renal Failure, 31:267-271, 2009.
3. **Jai Prakash**, Shashidhar S., Parekh A., et al.: Acute kidney injury in late pregnancy in developing countries. Renal Failure 2010; 32:309-313.

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5. **R.G. Singh**, U. Singh, S. Singh, Sailza: Plasma Endothelin and Resistin level in hypertension and Diabetic Mellitus. International J. of Pharma. Sc. & Health Care, 2(1): 1-8, 2011.

23. Details of patents and income generated

N.A.

24. Areas of consultancy and income generated

Hospital Charges for Renal biopsy, Dialysis

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)

Prof. R. G. Singh

Prof. R. G. Singh

Prof. Jai Prakash

Prof. Jai Prakash

Dr. S. Singh

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

Weekly clinical society meeting in the Institute, Regular CMEs

28. Student projects: **5 Ph.D. Students**

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

Prof. R. G. Singh

SCHOLARSHIP AND AWARDS

1. Awarded 'Rastriya Gaurav Award' by India International Friendship Society in Oct, 2010.
2. Selected in top 100 Health Persons of World of 2011 by International Biographical Centre, Combridge, England.
3. Selected for 'Bharat Jyoti Award' and Certificate of Excellence by India International Friendship Society in Jan., 2011.

Prof. Jai Prakash

Awards : National & International

1. National Scholarship, Government of Uttar Pradesh, 1968.

2. International Travel Award : International Society of Nephrology (ISN) - Tokyo July 1990.
 3. Commonwealth Medical Fellowship in United Kingdom : 1995.
 4. Best paper award in XIth Annual National Seminar and Convocation, IMA, AMS, 1992, Calcutta. "Tripathi K. **Jai Prakash** & Srivastava P.K. Urinary and Serum Sodium Homeostasis with Plasma Renin Activity in Pregnancy Related Hypertension"
 5. My Biography has been published in 15th Edition of Who is & Who is the world.
30. Seminars/Conferences/Workshops organized and the source of funding (national/international) with details of outstanding participants, if any.

CONFERENCE / SEMINAR ETC. ORGANISED :

1. Organized world kidney day on 13.3.2008 at B.H.U., Varanasi, as Chairman.
2. Organized 5th CAD- 2008 and 18 Annual Conference of Indian Society of Hypertension from 8-9 November 2008 at BHU as Treasurer.
3. Organized as Chairman of "National Seminar on Yoga in Modern Life & Annual Assembly of Indian Academy of Yoga" held on 18-19 October, 2008 at Malaviya Bhawan, BHU.
4. Organized as Chairman of "National Workshop on Technological Intervention in Herbal Natural Medicinal Ayurvedic Products" held on Feb. 21, 2009 at BHU.
5. Organized World Kidney Day and symposium on "Preventive Nephrology" at IMS, BHU, Varanasi on March, 3, 2009.
6. Organized BHU Durgotsav from 24-29th September, 2009 as Executive President.
7. 20 Annual conference of Indian Society of Organ Transplant at BHU from 8-10 Oct., 2009, as chairman, Reception Committee.
8. Department celebrated World Kidney Day on March, 11, 2010 where as a part of people Awareness Programme in term of procession. The literatures were distributed from Assi to Dashashwamedh Ghat to celebrate World Kidney Day. The Screening and survey camp for Kidney Disease was organized which was inaugurated by Prof. BD Singh, Rector, BHU.
9. Department in Collaboration with Department of Hindi and Faculty of Performing Arts organized an Unique programme for the first time in the history entitled "Bhagwat Amrit Mahotsava" for 12 days from Oct., 21, 2010 to Nov. 5, 2010 at Malviya Bhawan, Banaras Hindu University where Hindi Version of Bhagwat was recited with group of 5 baches. This transcription was composed in Hindi by the society at Jaipur, Rajshtan. 1008 Jagatguru Snakaracharya of Kanchi, President of Kashi Vishwanath Temple Pandit Hari Har Kripaluji, Prof. D.P. Singh, Vice-chancellor, Prof. B.D. Singh, Rector, BHU, Prof. Ojha, Ex. Vice-chancellor blessed as Chief Guests.
10. Department in Collaboration with Indian Academy of Yoga organized International Conference on Recent Advances in Yoga at Malviya Bhawan, BHU from Nov. 27-28, 2010, under Prof. R.G. Singh as Chairman of the Organizing Committee.

11. Department alongwith National Facility on Tribal and Herbal Medicine organized more than 20 camps in the near vicinity of hospital for survey programmes of various disease like Diabetes, Hypertension, Metabolic Syndrome, Menopausal Syndrome etc during 2 years.
12. Department alongwith National Facility is also running an Out Reach clinic with help of Department of Community Medicine on regular basis under the direction of Dr. R.G. Singh, Principal Investigator.
13. Organized world kidney day on March 11, 2011 at BHU in form of Screening programme and Awareness camp as Organizing Chairman.
14. Department has started a Web-email services where all the seminars important information's are displayed for the benefit of nephrologists and physicians.
15. The department for the first time organized to boost the dialysis facility at BHU under the policy of Public-Private Partnership for increasing the dialysis facility of the department under the leadership of Prof. R.G. Singh. The proper MoU was signed on 3.10.2010 between University and Company, under his headship.

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

Ethical Committee is constituted at the Institute level and no fund is required.

32. Student profile programme-wise:

Name of the programme (refer to question no.4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
DM (Nephrology)	-	6	0	100%	100%
PGDDT	-	8	11	100%	100%
Ph. D.	-	2	3	Continuing	

33. Diversity of students

Name of 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
DM (Nephrology)	1 (16%)	5 (84%)	5 (84%)	Nil
PGDDT	Nil	100%	Nil	Nil
Ph.D.	1 (20%)	5 (80%)	Nil	Nil

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

Ph.D. student cleared NET

35. Student Progression

Student progression	Percentage against enrolled
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UG to PG	2 student per year up to 2011
PG to M. Phil.	N.A.
PG to Ph. D.	5 student enrolled
Ph. D. to Post – Doctoral	N.A.
Employed	N.A.
<ul style="list-style-type: none"> • Campus selection • Other than campus recruitment 	
Entrepreneurs	N.A.

36. Diversity of staff

Percentage of faculty who are graduates	
Of the same university	100%
From other universities within the State	Nil
From universities from other States	Nil
From universities outside the country	Nil

37. Number of faculty who were awarded Ph.D., D.Sc. and D. Litt. During the assessment period

Nil

38. Present details of infrastructural facilities with regard to

- a) Library : **Departmental Library - One**
- b) Internet facilities for staff and students : **Yes**
- c) Total number of class rooms : **One Seminar Room**
- d) Class rooms with ICT facility : **Nil**
- e) Student's laboratories : **One**
- f) Research laboratories : **One**

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

- a) From the host institution/university : **Ph.D. - 1**
- b) From other institutions/ universities : **Postdoctoral – 8: Ph.D. - 4**

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

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

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**
- b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? **Updating the syllabus for teaching**
- c. Alumni and employers on the programmes offered and how does the department utilize the feedback? **Discussion at regular intervals**

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

Prof. P.K. Srivastava, Prof. K.V. Johny, Prof. V. Shivkumar, Sri Venkateshwar Institute of Medical Sciences, Tirupati, Andhra Pradesh, Prof. S. K. Panda, Deptt. of Nephrology, MCKG Medical College and Hospital Berhampur, Orrisa, Prof.

Vinay Malhotra, SMS Medical College, Jaipur, Rajasthan, Prof. N.S. Sengar, Jhanshi Medical College, UP, Dr. Om Kumar, Addl. Professor IGMS, Patna, Prof. N. S. Kumar, RIMS, Manipur.

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

Weekly Seminar in the Department Quarterly CME is attended by students organized by Indian Society of Nephrology

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

Seminar room equipped with LCD Projector

Web CME organized at regular intervals

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

Regular assessment of students

Feedback from students

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

Awareness programme/Health Camp Annually

Screening Camp Monthly

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

Participation in CME organized by Indian Society of Nephrology

Web CME in collaboration with other medical college/experts quarterly

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

Medical Council of India

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

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

Strength	Weakness	Opportunities	Challenge
Full utilization of basic facilities	In adequate staff	Up-gradation of ward & CAPD Programme	Procurement of adequate para-clinical staff
Up-gradation of Dialysis Unit	In adequate duty doctors	Up-gradation of intervention nephrology	Procurement of adequate clinical staff
Establishment of Research Lab & National Facility for Tribal & Herbal Medicine Research	In adequate beds in wards	Planning of Institute of Kidney disease	Availability of Space
Highly Qualified Faculty	Unavailability of Nephrology ICU	Establishment of Nephrology ICU	Extension of facilities to cope of

			the requirements
Maintaining patients data and follow-up reports	Un availability of computerized patient data maintenance	Up-gradation of transplant programme	Updating the facilities to state of art level for time to time

52. Future plans of the department.

Development of Intervention Nephrology