

LQH C-88  
29/6/13

**BANARAS HINDU UNIVERSITY  
INSTITUTE OF MEDICAL SCIENCES  
FACULTY OF AURVEDA  
DEPARTMENT OF SHALAKYA TANTRA**

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Ref.No S.K/Ay/IMS/I~~MS~~/13-14/ 1448

Dated 20/06/2013

To,

**The Deputy Registrar (IQAC)  
Banaras Hindu University  
Varanasi**

Dear Sir,

With reference to your letter No. IQAC/13-14 dated 13-06-2013, I am sending herewith the Inputs/Information for self study report (SSR) for cycle II assessment by NAAC.

Thanking you,

Encl : Evaluated report of the Deptt.

  
Head of the Deptt.

HEAD/ विभागाध्यक्ष  
Deptt. of Shalakyta Tantra  
शालाक्य तंत्र विभाग  
Faculty of Ay.  
आयुर्वेद संकाय  
I M. S., B. H. U.  
बि० बि० सं० प्रौ० एच० य०



## Evaluative Report of the Department

1. Name of the Department : **Department of Shalakyia Tantra**
2. Year of establishment: **as a section of Shalya –Shalakyia in 1983 and as an independent Dept. in on 6<sup>th</sup> Nov.2006**

3. Is the Department part of a School/Faculty of the university?:

**Part of Faculty of Ayurveda, Institute of Medical Sciences, BHU**

4. Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.)

**UG- Ayurvedacharya-BAMS (Bachelor of Ayurvedic Medicine & Surgery)**

**PG –Ayurveda Dhanwantri [MS(Ayurveda) in Netra roga Shalakyia Tantra**

**Ph.D. in Shalakyia Tantra**

5. Interdisciplinary courses and departments involved: **Nil**

6. Courses in collaboration with other universities, industries, foreign institutions, etc.:

**Nil**

7. Details of programmes / courses discontinued, if any, with reasons: **Nil**

8. Annual/ Semester/Choice Based Credit System: **Annual System**

9. Participation of the department in the courses offered by other departments:

**1. DNYT/BNYS at RGSC, Barkachha**

10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	<b>Nil</b>	<b>Nil</b>
Associate Professors	<b>01</b>	<b>01</b>
Asst. Professors	<b>01</b>	<b>01</b>

11. Faculty profile with name, qualification, designation and specialisation (D.Sc./D.Litt./ Ph.D./M.Phil., etc.)

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years

Name	Qualification	Designation	Specialization	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
<b>Dr.B. Mukhopadhyay</b>	<b>BAMS, D.O. MD (Ay.), Ph.D. Dip Yoga</b>	<b>Associate Professor &amp; HOD</b>	<b>Shalakya Tantra (Eye,ENT,Oral ,Dentistry )</b>	<b>&gt; 24 years</b>	<b>04</b>
<b>Dr. Manoj Kumar</b>	<b>BAMS MS (Ay.), Ph.D. Dip Yoga</b>	<b>Assistant Professor</b>	<b>Shalakya Tantra (Eye,ENT,Oral ,Dentistry )</b>	<b>&gt;16 years</b>	<b>Nil</b>

12. List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors

1. **Prof. R.H.Singh, Emeritus Professor, Ex-Vice-chancellor, Rajasthan Ayurveda University, Jodhpur**
2. **Prof.C.B.Jha Deptt. of Rasa Shastra , IMS, BHU**
3. **Prof. D.P. Puranik (Director Tilak Ayurvedoc College Puna )**
4. **Prof. K.S. Dhiman Deptt. of Shalakya Tantra PGI RT Gujrat Ayurveda University**
5. **Prof. R.Vidhvansh Hadapsar Ayurveda College , Maharastra**
6. **Prof. M. K. Singh Deptt. of Ophthalmology ,IMS, BHU**

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

**Prof. S.K.Khandel & Prof. M Srinivasulu: Extension lectures**

**Prof. D.P. Puranik** }  
**Prof. K.S. Dhiman** } : **Guest Lecture**

14. **PG: 2:2**

**Ph.D.: 6:1 - Associate Professor** }  
**4:1 - Assistant Professor** }

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

Staff	Sanctioned	Filled
Technical Staff (Lab.Attd.)	02	02
Lab .Attd. (DST –PURSE )	01(Temporary)	01
Administrative Staff	Nil	Nil

16. Research thrust areas recognized by funding agencies: **Nil**
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.
- Deptt. of Shalakyia Tantra                      22 Lakhs from XI five year plan UGC**  
**for Research for purchasing instrument and**  
**patients care service in Hospital**
- DST-PURSE Scheme:                      08 Lakhs**
18. Inter-institutional collaborative projects and grants received  
a) All India collaboration b) International : **Nil**
19. Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received. : **Nil**
20. Research facility / centre with
- state recognition: **Nil**
  - national recognition : **Nil**
  - international recognition: **Nil**
21. Special research laboratories sponsored by / created by industry or corporate bodies: **Nil**
22. Publications: since 2007
- \* Number of papers published in peer reviewed journals (national / international)  
International: **Nil**  
National: **12**
  - \* Monographs: **Nil**
  - \* Chapters in Books: **01**
  - \* Edited Books: **Nil**
  - \* Books with ISBN with details of publishers
23. Details of patents and income generated: **through hospital patient care services**
24. Areas of consultancy and income generated: **Nil**
25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad:  
**Nil**

26. Faculty serving in

a) National committees b) International committees c) Editorial Boards d) any other (please specify)

27. Faculty recharging strategies:

**The Faculties are undergone periodical Refresher and the Re-orientation courses organized by UGC Academic Staff College as well as by Dept of AYUSH.**

28. Student projects

- percentage of students who have done in-house projects including inter-departmental projects: **100% (projects by the UG students as per syllabus and the Dissertation by the PG students)**
- percentage of students doing projects in collaboration with other universities / industry / institute : **Nil**

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

- Faculty: **Nil**
- Doctoral / post doctoral fellows: **Nil**
- Students : **Nil**

30. Seminars/ Conferences/Workshops organized and the source of funding (national / international) with details of outstanding participants, if any.

31. Code of ethics for research followed by the departments

**All the Research Proposals submitted by the PG and Ph.D Scholars are approved by the Institutional Ethical Committee of IMS, BHU**

32. Student profile course-wise: since 2007

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
<b>Post Graduate</b>	<b>Through all India Competition conducted by the Institute</b>	<b>04</b>	<b>03</b>	<b>100</b>	<b>100</b>
<b>Ph.D.</b>	<b>Through all India Competition conducted by</b>	<b>01</b>	<b>03</b>	<b>1 awarded 1 pre submission done 2 continuing</b>	

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
	<b>the Institute</b>				

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
<b>Post Graduate</b>	<b>50%</b>	<b>50%</b>	-	-
<b>Ph.D.</b>	<b>75 %</b>	<b>25%</b>	<b>25%</b>	-

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

Student progression	Percentage against enrolled
UG to PG	<b>50%</b>
PG to M.Phil.	
PG to Ph.D.	<b>75%</b>
Ph.D. to Post-Doctoral	
Employed	
• Campus selection	<b>25 %</b>
• Other than campus recruitment	<b>50%</b>
Entrepreneurs	<b>25%</b>

36. Diversity of staff

Percentage of faculty who are graduates	
of the same university	<b>Nil</b>
from other universities within the State	
from universities from other States	<b>100%</b>
from universities outside the country	

37. Number of faculty who were awarded Ph.D., D.Sc. and D.Litt. during the assessment period: **01**

38. Present details of infrastructural facilities with regard to

a) Library: **More than 62 reference books & thesis 25**

- b) Internet facilities for staff and students: **Available to all**
- c) Total number of class rooms: **08 Class rooms in the Faculty are shared by the Department besides One seminar room of the Department**
- d) Class rooms with ICT facility: **All classrooms have audio-visual facilities**
- e) Small Research laboratories: **PG Research cum Clinical Lab in the Deptt.**

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

a) from the host university: Doctoral: **1**

b) from other universities: Doctoral : **Nil**

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

**All the Post Graduate Scholars are getting Salary equivalent to Assistant Professor as per the Residency Scheme.**

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

a. Faculty on curriculum as well as teaching-learning-evaluation? If yes, how does the department utilize the feedback? :

**The Department is conducting periodical Board of studies meeting inviting the external expert & Faculty expert members for updating the Curriculum.**

b. Students on staff, curriculum and teaching-learning-evaluation and how does the department utilize the feedback? :

**Periodical feedback is obtained from the students in the prescribed format of the University and the concerned teachers are informed accordingly to modify/improve their teaching methodology.**

c. Alumni and employers on the programmes offered and how does the department utilize the feedback? : **Nil**

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

S.No.	Name	Passing Year	Address
1.	Dr.P.R. Athneria	1986	Principal Deptt.of Shalaky Tantra Govt .(Ay) college Jabalpur .M.P
2.	Dr.V.Shrivastav	1990	Govt Ay. College ,SSU Varanasi
3.	Dr.B.Mukhopadhyay	1988	HOD Shalaky Tantra

4.	Dr.Anil Verma	1989	Prof. Govt. Ay. College Mujaffer Nagar U.P.
5.	Dr.B.S. Pradhan	1990	Principal Govt. Ay. College Kathmandu Nepal
6.	Dr.Vinod Kumar	1991	Reader Govt. Ay. College Handia Allahabad
7.	Dr.K.P.Peris`	1993	Assistant Prof. Ay. College Colombo Shri Lanka
8.	Dr.R.K. Chhokar	1994	Lecture Tibbia Ay. College New Delhi
9.	Dr.K.C. Varman	1994	Prof. Govt. Ay. College Gauhati
10.	Dr.D.K. Maurya	1995	Prof. State Ay. college Maharastra
11.	Dr. Manoj Kumar	1996	Assistant Prof. Deptt.of Shalakyta Tantra ,IMS BHU
12.	Dr.A.K.Singh	1997	Lecture Govt. Ay. College Patana
13.	Dr.Kamal Narayan	1999	Assistant Prof. Govt. Ay. College Colombo Shri Lanka
14.	Dr. Dilip Kumar	2000	Lecture Govt. Ay. College Pilibhit U.P.
15.	Dr.P.K.Singh	2001	Govt. Ay college Luckhnow
16.	Dr.A.K. Singh	2002	Reader Govt .Ay.College Sampurnand VNS.
17.	Dr.Alok Kumar Shrivastav	2003	Research office,CCRAS Patana ,Bihar
18.	Dr. Harmohan Moharana	2004	Lecture Tibiya Ay College New Delhi
19	Dr. Kamaluddin	2007	Lecture Govt Ay Sampurnanand VNS
	Dr.Mudul Mishra	2009	Lecture Govt. Ay. College M.P
20	Dr. Sushil Kumar	2010	Senior Resident Deptt.of Shalakyta Tantra

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

**1. Guest lectures by inviting external experts were done in session 2008-09.2009-10**

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

1. Audio-visual methods for theoretical Teachings
2. Bedside demonstrations along with video demonstrations of clinical methods for development of clinical skill
3. Practical Training in OT, out door, clinic & indoor, & research training in Departmental Laboratory .

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

**The Head of the Department is constantly monitoring the Theory & Practical Classes taken by the Faculty as per the schedule. The assessment test after completion of each chapter is taken by the concerned faculty to know the learning outcomes and 2 Sessional exam including theory & practical of each batch are taken .**

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

**The students and the Faculty are conducting OPDs ,OT ,Kriya kalpa procedure and doing IPD duties for providing Health Care services to the patients relating to the diseases Eye, ENT, & Dental and oral disease .**

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

1. **The Department is organizing weekly Academic seminar by the PG and Ph.D. Scholars of the Department on every Wednesday where in each scholar is presenting their own views regarding the present scenario on the disease prevalence and possible solutions.**
2. **Similarly, one clinical & journal club seminar is also organized on every Saturday to present a critical case for discussion and final diagnosis and management and learn research methodology .**

49. State whether the programme/ department is accredited/ graded by other agencies? If yes, give details. : **No**

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

1. **The Department is conducting Research for reviving the ancient diagnostic and prognostic techniques which are not in use since long period and their scientific validation.**

2. **The Research is also being conducted to add new clinico-etio-pathological factors including complications in the diseases as per the present environmental scenario.**
3. **To study the etiopathogenesis as per Ayurvedic Principles for the diseases which are not described in Ayurvedic texts.**
4. **Scientific validation of Fundamental Principles of Roga Nidan.**

51. Future plans of the department.

**Academic activities**

- **To Impart theoretical teaching in the subject Roga Nidan and Vikriti Vigyan to undergraduate and postgraduate scholars**
- **To impart practical clinical and laboratory training to the undergraduate and postgraduate scholars**
- **To conduct course work for the Ph.D. Scholars**
- **To conduct periodical extension lectures by the personalities of highest academic excellence.**
- **Implementation of the Environmental studies in the undergraduate courses of Ayurveda.**
- **To conduct periodical Reorientation training programme (ROTP) and Continuing Medical education (CME) in Rog Nidan and Vikriti Vigyan for the teachers and medical officers as and when entrusted by the University/Govt. of India**

**Research activities**

- **Standardization and scientific evaluation of ancient clinical and laboratory diagnostic technology**
- **Standardization and scientific validation of fundamental concept of Roga Nidan**
- **Development of diagnostic devices to evaluate the ancient diagnostic tools.**
- **Correlation and interpretation of laboratory investigations with the clinical diagnostic principles of Ayurveda**
- **Scientific evaluation of clinical diagnostic tools of Ayurveda.**
- **Aetiopathological and Clinico-pathological studies of disease conditions.**
- **Development of Samprapti-Ghatakas (Components of Pathogenesis) of the new diseases not described in Ayurvedic texts but presently affecting the human beings**

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

**Strengths**

1. **Unique technique of body fluid examination to predict the prognosis of diseases.**
2. **Concept of Rogi bala and Roga bala for planning suitable treatment**
3. **Concept of Rogi-roga pariksha (Diagnostic principles) specially Nadi pariksha**

4. **Concept of principles of prevention and treatment of diseases through the stages of Pathogenesis (Satkriyakala)**
5. **Concept of Deha Prakriti (physical Constitution) and its role in the development of diseases as well as for selection of individualized therapy/treatment**

#### Weaknesses

1. **Lack of full-fledged research lab to conduct research**
2. **Insufficient funds for research work**
3. **Lack of financial assistance to the Ph.D. Scholars**
4. **Lack of teaching staff as per the norms of the regulatory council**
5. **Lack of technical and office staff**

#### Opportunities

1. **To serve as a Teacher in Govt. and Private sector**
2. **To serve as a Researcher in the Research Councils and Industries**
3. **To serve as a Medical Officer in Govt. and Private sector**
4. **To develop as an Entrepreneur in the society**
5. **To play an overall role in the society as Health Care Provider**

#### Challenges

1. **Revival and scientific validation of the diagnostic and prognostic tools which are not in use now**
2. **Invention of newer devices for automation of the manual diagnostic and prognostic techniques**
3. **Developing research methodology as per the Ayurvedic Principles for Clinical Research**
4. **Scientific validation of concepts for wider acceptance among the medical fraternity**
5. **Recognition of the State/Central Govt. to run the Diagnostic laboratories in the field**