

Evaluative Report of the Department

1. **Name of the Department :** Department of Sangyahan
2. **Year of establishment :** 18.11.2011
3. **Is the Department part of a School/Faculty of the university? Yes**
4. **Names of Programmes / Courses offered (UG, PG, M.Phil., Ph.D., Integrated Masters; Integrated Ph.D., etc.):** B.A.M.S., M.D. (Ay.)Sangyahan, P.G. Diploma in Sangyahan, Ph.D. Sangyahan.
5. **Interdisciplinary courses and departments involved-**
6. **Courses in collaboration with other universities, industries, foreign institutions, etc.-** Nil
7. **Details of programmes/ courses discontinued, if any, with reasons.** No
8. **Examination System:Annual/ Semester/Choice Based Credit System:** Annual System
9. **Participation of the department in the courses offered by other departments:**
P.G. Diploma in Kshar Karma, P.G. Diploma in Vikiran, P.G. Diploma in Prasuti Tantra and P.G. Diploma in Agnikarma.
10. **Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors):**

	Sanctioned	Filled
Professor	-----	-----
Associate Professors	01	01
Asst. Professors	01	01

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
Dr. D.N. Pande	B.A.M.S., Dip.Yoga M.D.(Ay.)Ph.D.	Professor & Head	Shalya & Sangyahan	22.Years	05
Dr. K.K.Pandey	B.A.M.S., Dip.Yoga M.D.(Ay.)Ph.D	Asso. Prof.	Shalya & Sangyahan	17 Years	-

12. **List of senior Visiting Fellows, faculty, adjunct faculty, emeritus professors:**
13. **Percentage of classes taken by temporary faculty – programme-wise information:**

14. **Programme-Wise Student Teacher Ratio:** M.D.Ay -1:1, & P.G.Diploma in Sangyahan-1:2
15. **Number of academic support staff (technical) and administrative staff:**
Lab. Attendant -Sanctioned-01 and filled-01, Lab. Assistant: Sanctioned--01 and filled-01
16. **Research thrust areas recognized by funding agencies-** X
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.** X
18. **Inter-institutional collaborative projects and grants received.** X
a) All India collaboration b) International- X
19. **Departmental projects funded by DST-FIST; UGC-SAP/CAS, DPE; DBT, ICSSR, etc.; total grants received:** PURSE- Programme- DST,
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) -- 30
 - * Monographs. --
 - * Chapters in Books-- 11
 - * Edited Books -- 01
 - * Books with ISBN with details of publishers.--02
 - * 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--** X
24. **Areas of consultancy and income generated-** Revolving fund from O.T., H.D.U. & Pain clinic, S.S.II. Indian Medicine Wing.

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):

Dr. D.N. Pande-Served as **Chief Editor**- Sangyahan Sodh.

- **Member**-C.C.I.M Visitation Committee.

- **Member**-C.C.I.M. Syllabus Review Committee.

- **Convener**- Education & Research Committee-NIMA

- **Member**-Research Degree Committee -Rajasthan Ayurved University, Jodhpur.

-**Expert**-Selection Committee, Women's University, Khanpur, Haryana.

- **Member Expert**- Uttarakhand Public Service Commission.

-**Member Expert**- Bihar Public Service Commission.

-**Course Coordinator**- 1st Refresher Course in Medical / Health Sciences (interdisciplinary) Org.by UGC-Academic Staff College, BHU'.**2011**

Dr.K.K.Pande: Served as **Associate Editor**, Sangyahan Shodh.

-**Subject Editor** – *Sangyahan*-The Journal of Research and Education in Indian Medicine

- **Member**-C.C.I.M Visitation Committee.

- **Member**-C.C.I.M. Syllabus Review Committee.

- **Member Expert**- Uttarakhand Public Service Commission – 2011 .

-**Expert member** Seminar Evaluator during 1st Refresher Course in Medical / Health Sciences (interdisciplinary) Org.by UGC-Academic Staff College, BHU'.**2011**

27. Faculty recharging strategies.: Refresher for Ayurvedic Teachers –Organised by U.G.C.Academic staff college, B.H.U.

28. Student projects :

- Percentage of students who have done in-house projects including inter-departmental projects. X
- Percentage of students doing projects in collaboration with other universities / industry / institute. X

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

Dr. D.N. Pande- Ashwinaw award-**24.11.2000,UDUPI** .

Dr. K.K. Pandey Ashwinaw award-**6th Feb.2003, B.H.U.**

-Param Sant Kripal Singh Memorial Award NSRI-Hardoi.

Doctoral / post doctoral fellows. PhD. List :

- Dr. S.B. Pande- Evaluation of some indigenous drug as adjuvant in Anaesthesia Experimental study) - 1977
- Dr. F.S. Gandevia- Ether Anaesthesia in relation to Deh Prakriti-1978
- Dr. D.N. Pande- Further studies on Poorwa karma in Anaesthesia-1990
- Dr. K.K. Pandey- Role of Medhya Drug in Sangyaharan(Anaesthesia)-1994
- Dr. Sanjeev Sharma- Role of Ashwagandha in Sangyaharan W.S.R. to Regional Anaesthesia1997
- Dr. C.K. Dash- Anaesthesia in relation to Deh Prakriti(clinical study)-1997
- Dr. R.K. Jaiswal- Evaluation of Dashmulghanvati as premedicant-2008
- Dr. B.N. Maurya- Further studies on Shigru guggulu in Sangyaharan as vedanahar (pain relieving)-2008
- Dr. C.P. Bhushal- Role of indigenous compound in Sandhi Vata -2009
- Dr. Y.K. Mishra- Comparative studies of Agnikarma & Dashmul ghanvati in the treatment of Sandhivat Arthritis-2010
- Dr. S.Bhat- Comparative study of Indigenous compound (Nirgundi, Rashna, & Parijat) – with Agni Karma for Management Pain-2010
- Dr. P.K. Bharti- Standardization of Agnikarama and to established standard protocol of treatment for Pain Management-2010

Students-M.D. (Ay.) List :

- Dr. Lalta Prasad - Role of Certain indigenous compound Shankhpushpi and Jalnimb as medicant before Anaesthesia-1975
- Dr. S.N. Pant- Free fatty acid and blood glucose studies after use of Jalnimba and Shankhpushpi as premedicant-1976
- Dr. (Kr.) H.Laur – Studies on certain indiginous drug as anesthetic agent-1979
- Dr. Ashok Dixit- Studies on role of Parsikyavani as preanesthetic agent-1980
- Dr. C.B. Verma- Duration of muscle relaxant in different Prakriti-1982
- Dr. Y.P. Shyamrao- Role of Jalnimb & Parsik yawani as premedication in local anesthesia -1984
- Dr. P.K. Gulati – Role of Jatamansi in Anesthesia -1985
- Dr. D.N. Pande – Studies on poorvakarma (Bastikarma) in relation to Anesthesia-1986
- Dr. S.Bhatt- Studies on poorvakarma (veerechana) in relation to anesthesia-1988
- Dr. A.K. Rai- Clinical evaluation of some indigenous drug as analgesic in surgical cases-1989
- Dr. B.C. Senapati – Application of Anesthesia in the management of Gudaroga W.S.R. to Kshar sutra-1990
- Dr. K.K. Pande- Evaluation of Ashwagandha as Pre-Anaesthetics agent1991
- Dr. Sanjeev Sharma- Studies on the Alcoholic extract of Ashwagandha (W.sommifera) as pre Anaesthetic medication (An experiment and clinical study)-1992
- Dr. C.K. Dash- Studies on Halothane Anaesthesia in relation to Prakriti-1992
- Dr. Anil Dutt- Comparative clinical study of Bramhi & Ashwagandha as pre- Anaesthetic medication-1993
- Dr. S.K. Manchala- Clinical evaluation of Mandukparni (C.Asitica) in Anaesthesia-1994
- Dr. R.K. Ghosh- Clinical studies on an indigenous compound (Nirgundi, Erandomul, Bala) as analgesic in post operative pain-1995
- Dr. K.Lal – Biochemical studies on parsikyavani as pre-medication-1995
- Dr. R. Ashtana- Evaluation of Bramhi as Pre-Anaesthetic agent in relation to Deh prakriti-1996
- Dr. P.K. Sharma – Evaluation of Jatamansi as pre-anaesthetic medication (A Biochemical study)- 1997
- Dr. P.S. Pandey – Clinical & experimental studies on an indigenous compound (Nirgundi, Erandomula & Bhrigraja)as an Analgesic- 1997
- Dr. D.A.R. Sakunthala – Studies on Water extract of Ashwagandha as pre- medication in Epidural Anaesthesia-1997

Dr. S.K. Mishra- Evaluation of Vacha as premedicant-1998
 Dr. G.Shah- Study of Parijat in postoperative pain under sub Archanioid block-1998
 Dr. S.K. Singh- Studies of Parijat in the postoperative pain management under sarvadehik Sangyaharan-1999
 Dr. A. Pai- Studies of Rasana (clinical) in postoperative pain management under Sarvadehik Sangyaharan-1999
 Dr. H.O. Singh- Evaluation of Triphala Guggulu in postoperative pain management-2000
 Dr. R.K. Jaiswal- Comparative study on postoperative Analgesia and Anti- inflammatory Activity of Rasana And Parijat as Premedication-2001
 Dr. Rajesh Singh- Biochemical studies of Parijat (Nyctanhes arbortristis linn) Ghansatva during and after intra thecal Anaesthesia-2002
 Dr. Champak Medhi- Evaluation of Shigru (Moringa obeiferalam) in Sangyaharan as per Anaesthetic Agent-2003.
 Dr. B.N. Maurya – Evaluation of Shigru Guggulu in Sangyaharan as Vedanahar (Pain Relieving) -2004
 Dr. Awaneesh Kumar- Role of Shigru Ghansatwa under Sarvadaihik Sangyaharan(G.A.)a Clinical study-2005.
 Dr. Jagdish Singh – Critical Analysis of Marma with especial reference to Sangyaharan.-2006
 Dr. Y.K. Mishra- Role of Dashmool Ghanvati in the management of the patients operated under regional Block-2007
 Dr. Vimal Kumar- Role of kadamba (anthocephalus indicus) in post operative pain management under regional block.- 2008
 Dr. Deepak K. Poman – Critical analysis of Agnikarma in pain management.-2009
 Dr. Sachhidanand Prasad- Role of Herbal Drug compounds in cancer patients – a. Holistic approach in palliative care-2009
 Dr. Bhaskar Maurya – Role of Padmak as Pre-Anesthetic Agent in post operative pain management under regional Anaesthesia-2010
 Dr. Sadanand Prakash – Evaluation of Bala Under regional Block-2011
 Dr.J.K. Chaubey - Comparative study of Jalauka vacharan & Agnikarma in Pain management-2011
 Dr. Ashish Maurya- Imuno modulatory effect of Harbal drug Tenaspora cardi- folia in palliative care.-2012
 Dr.Shailendra Singh- Effect of Shallaki in P.O. Pain Management2012

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

Conferences Organized:

Conference	Place &Date	Chairman	Organizing Secretary
1st National Conference	B.H.U., VARANASI-8-9March1997	Dr. S.B.Pande	Dr. D.N.Pande
6 th National & 1 st InternationalConference	B.H.U., VARANASI-6-8Feb.2003	Dr. D.N.Pande	Dr. K.K.Pandey
7 th National Conference	B.H.U., VARANASI-6-7Feb.2004	Dr. D.P..Puranik	Dr.P.K.Sharma
10 th National Conference	B.H.U., VARANASI-6-7Feb.2007	Dr. D.N..Pande	Dr. Raman Singh
13 th National & 2 nd International	B.H.U., VARANASI. 6-8Feb.2010	Dr.S.C.Varshney	Dr. D.N.Pande

Conference			
Workshop on C.C.P.R,	B.H.U., VARANASI. Each of 7days thrice a year	Dr. D.N.Pande	Dr. K.K.Pandey
C.M.E :Recent Trends in Sangyahan	B.H.U., VARANASI. 15 Octo.2011	Dr. D.N.Pande	Dr. S.J.Gupta
C.M.E :Recent Trends in Pain Management	B.H.U., VARANASI. 15 Octo.2012	Dr. D.N.Pande	Dr. K.K.Pandey

31. Code of ethics for research followed by the departments: As per Ethical Committee of I.M.S. B.H.U.

32. Student profile course-wise:

Name of the Course (refer to question no. 4)	Applications received	Selected		Pass percentage	
		Male	Female	Male	Female
M.D. (Ay.)		02--	X	100%	
P.G. Diploma		04	01	100%	100%

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
M.D. (Ay.)	50%	50%	50%	Nil
P.G. Diploma	Nil	100%	Nil	Nil

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

35. Student progression:

Student progression	Percentage against enrolled
UG to PG	--
PG to M.Phil.	--
PG to Ph.D.	50%
Ph.D. to Post-Doctoral	--
Employed	
• Campus selection	--
• Other than campus recruitment	100%
Entrepreneurs	

Student progression	Percentage against enrolled
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36. Diversity of staff:

Percentage of faculty who are graduates	
of the same university	Nil
from other universities within the State	Nil
from universities from other States	100%
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 -- Yes
- b) Internet facilities for staff and students. -- Yes
- c) Total number of class rooms. -01 (Using combined with others)
- d) Class rooms with ICT facility. Nil
- e) Students' laboratories. Nil
- f) Research laboratories. Nil

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

- a) From the host university. 05
- b) From other universities. X

40. Number of post graduate students getting financial assistance from the university: 06

41. Was any need assessment exercise undertaken before the development of new programme(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 feedback? --
- 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? --

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

Prof. S. Bhat: Professor and I/C Sangyahan, S.D.M.Ayurved college, Udipi. Karnataka.

Dr.Sanjeev Sharma:Reader & Head , Ayurved College,Khurja.

Dr. Anil Dutt: Asso. Professor and I/C Sangyahan,R.G.P.G.G.Ayurved college,Paprola, Kangara.

Dr. Anil Rai: Professor & Head, Departt. Of Shalya Tantra,P.G.Ayurved College, Hadupsur, Pune.

Dr. C.K. Dash:Sr.M.O., State Ayurved College, Barhampur, Orissa.

Dr. C. Medh—Asstt. Professor and I/C Sangyahan,Govt..Ayurved college, Gauhati.

Dr. B.C.Senapati--Reader & Head, Departt. Of Shalya Tantra,P.G.Ayurved College,Puri.

Dr. P.K. Sharma- Sr.M.O.,U.P.State Dispensary.

Dr. K. Lal: Reader & Head, Departt. Of Shalya Tantra, State Ayurved College, Varanasi.

Dr. P.S. Pandey: Prof. & Head, Departt. Of Shalya Tantra, Shubhdeep Ayurved College, Indaur. M.P.

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

involving external experts: C.C.P.R., Guest Lecture, C.M.E., National & International Conferences Conference, Cadaver Workshop etc.

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

1. Black board teaching
2. P.P.T. / Audiovisuals
3. Seminars Discussions
4. Live Demonstrations.

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? On the basis of Employment and Demand.

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

48. Give details of "beyond syllabus scholarly activities" of the department:

Organised : Workshop on C.C.P.R. , Guest lectures at department.

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: Providing anesthesia services to the Ayurvedic surgical disciplines, First time Established Pain clinic in Ayurvedic hospital.

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

1. Strength:

1. **First and pioneer department** in the country providing P.G. Degree in Sangyahan .
2. **First and pioneer department** in the country providing P.G. Diploma in Sangyahan.
3. **First Ayurvedic department** involved in Pain management with the help of Ayurvedic therapies.

4. **First Ayurvedic department** providing one year Certificate course in Ayurvedic pain management for foreigners.
5. Having well qualified integrated skilled team of Anesthesiologist providing teaching, Training and services to the Ayurvedic Institution & Hospitals in India.
6. **Unique Interdisciplinary research facility** of the department.

2. **Weakness-** 1. Inadequate teaching faculty.

2. Lack of H.D.U. Staffs.

3. Inadequate Residents in Sangyahan specialty.

4. Lack of Separate space for the Department.

5. Lack of Separate Lab.

4. **Opportunities:** 1. New P.G.Centres require more Sangyahan specialists all over the country.

2. Ayurvedic Hospitals will require more Sangyahan specialists all over the Country.

3. For researches in the field of Pain relieving drugs and anesthetics.

5. **Challenges:** To cater the above needs with inadequate hands and infrastructure facility.

52. **Future plans of the department:** To establish a well equipped Pain and Palliative care centre with Critical Care Unit.


18/06/2013

D.N.Pande

Head

Department of Sangyahan,

Faculty of Ayurved, I.M.S.