

DEPARTMENT OF JYOTISH
Faculty of S.V.D.V., BHU, Varanasi

EVALUATIVE REPORT

1. Name of the Department : **JYOTISH**
2. Year of establishment : **1918 AD**
3. Is the Department part of a School/Faculty of the university?
Yes, Part is faculty of S.V.D.V.
4. Name of Programmes/Courses offered (UG, PG, M.Phil, Ph.D., Integrated Masters; Integrated Ph.D., etc.) : **UG, PG, Ph.D.**
5. Interdisciplinary courses and departments involved : **NA**
6. Courses in collaboration with other universities, industries, foreign institutions, etc. : **NA**
7. Details of programmes/courses discontinued, if any, with reasons : **NA**
8. Annual/Semester/Choice Based Credit System : **Choice Based Credit System**
9. Participation of the department in the courses offered by other departments : **NA**
10. Number of teaching posts sanctioned and filled (Professors/Associate Professors/Asst. Professors)

	Sanctioned	Filled
Professor	02	02
Associate Professors	02	01
Asst. Professors	05	04

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

Name	Qualification	Designation	Speciali- zation	No. of Years of Experience	No. of Ph.D. students guided for the last 4 years
Prof. C.M. Upadhyay	Acharya, Ph.D.	Professor & Head	Jyotish (Siddhant, Falit & Hora)	28	05
Prof. C. Pandey	Acharya, Ph.D.	Professor	Jyotish (Siddhant, Falit & Hora)	29	03

Prof. S.N. Mishra	Acharya, Ph.D., Vidyavachaspati Dlit.	Professor	Jyotish (Siddhant, Falit & Hora)	29	02
Dr. R.J. Mishra	Acharya, Ph.D., Vidyavachaspati Dlit.	Associate Professor	Jyotish (Siddhant, Falit & Hora)	18	04
Dr. S. Tripathi	Acharya, Ph.D.	Assistant Professor	Jyotish (Siddhant, Falit & Hora)	08	04
Dr. V.K. Pandey	Acharya, Ph.D.	Assistant Professor	Jyotish (Siddhant, Falit & Hora)	08	03
Dr. S. Pandey	Acharya, Ph.D.	Assistant Professor	Jyotish (Siddhant, Falit & Hora)	02	03

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

13. Percentage of classes taken by temporary faculty + Research Scholar- programme-wise information:- *(Attached Time-table)*

Acharya (Ganit + Falit) all semester : 25%

Shastri (Ganit + Falit) all semester : 53%

UG Diploma course : 100%

14. Programme-wise Student Teacher Ratio : **1 : 14.3**

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

16. Research thrust area recognized by funding agencies : **NA**

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.

Sl.	Name of faculty	Name of Project	Funding agency	Fund (Rs)
1.	Prof. S.N. Mishra	सूर्यसिद्धान्तिय सूक्ष्म पचांग निर्माण	UGC	6,75,000.00
2.	Dr. S. Tripathi	हृदयरोग का ज्योतिषशास्त्रीय निदान एवं उपचार	UGC	4,96,000.00
3.	Dr. V.K. Pandey	अस्थमारोग का ज्योतिषशास्त्रीय निदान एवं उपचार	UGC	5,66,200.00
			Total	17,37,200.00

18. Inter-institutional collaborative projects and grants received : **NA**

a) All India collaboration b) International

19. Departmental projects funded by DST-FIST; UGC-SAP/CAS. DPE; DBT, ICSR.

etc.: total grants received. : **NA**

20. Research facility/centre with : **NA**

- state recognition
- national recognition
- international recognition

21. Special research laboratories sponsored by / created by industry or corporate bodies : **NA**

22. Publications : (details follow)

- Number of papers published in peer reviewed journals (national/international)
- Monographs
- Chapters in Books
- Edited Books
- Books with ISBN with details of publishers
- 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

Name of Teachers	Research paper (National)	Articles (National)	Number of Books (National)
1. Prof. Chandrama Pandey	03	03	-
2. Prof. Sachchidanand Mishra	08	08	02
3. Prof. Chandramauli Upadhyay	02	04	01
4. Asso.Prof. Ramjeevan Mishra	10	04	02
5. Asst.Prof. Shatrughn Tripathi	04	02	02
6. Asst.Prof. Vinay Kumar Pandey	04	02	01
7. Asst.Prof. Subhash Pandey	02	02	01

23. Details of patents and income generated : **NA**
24. Areas of consultancy and income generated : **NA**
25. Faculty selected nationally/ internationally to visit other laboratories in India and abroad : **NA**

26. Faculty serving in

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

Prof. C.M. Upadhyay – Member of E.C. in Jammu University.

Prof. C.M. Upadhyay – Member of Vishwanath Temple Trust UP Govt.

Prof. S.N. Mishra – Member of A.S.I. and other National Level Organization.

27. Faculty recharging strategies:

Profession of Traditional Shastrarth Development

28. Student projects

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

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

- Faculty– **Dr. Shastrughna Tripathi - Badarayana Vyas Award (President Award)**
- Doctoral/post doctoral fellows- **NA**
- Students – **Madhusudan Mishra - First position in All India Shastrarth Contest - 2012**

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

Sl.	Name of Conference / Seminar / Symposia/ workshop	Duration	Dates
1.	Prof. Raj Mohan Upadhyay National Conference (1 st)	3 days	02/2007
2.	National Seminar in Sankaya, S.V.D.V.	4 days	02/2007
3.	Prof. Raj Mohan Upadhyay National Conference (2 nd)	2 days	03/2008
4.	National Seminar in Sankaya, S.V.D.V.	4 days	02/2008
5.	Prof. Raj Mohan Upadhyay National Conference (3 rd)	2 days	01/2009

6.	Jyotish & Medicinal Chemistry	1 day	09/2009
7.	Prof. Raj Mohan Upadhyay National Conference (4 th)	2 days	01/2010
8.	Vedic Mathematics Conference (1 st)	2 days	03/2010
9.	Special lecturer of Arun Kr. Upadhyay on the Vedic mathematics & Astronomy	2 days	02/2010
10.	Workshop in Panchang (Mahamana Jayanti)	5 days	11/2010
11.	Special lecturer of Arun Kr. Upadhyay on the Astronomy (Mahamana Jayanti)	3 days	12/2010
12.	Prof. Raj Mohan Upadhyay National Conference (5 th)	2 days	01/2011
13.	Special lecturer of Prof. RC Pandey on the Jyotish aom Rog	1 day	09/2012
14.	Jyotish Vyakhyanamala	5 days	2-8/11/2012
15.	Akhil Bharatiya Jyotish Shastra Sangosthi	1 day	18/12/2012

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

32. Students profile course-wise: (Session 2012-13)

Name of the Course (refer to questions no. 4)	Applications received by faculty	Selected		Pass percentage	
		Male	Female	Male	Female
Shastri Programme	by faculty	24	01	100	100
Acharya Programme	20	13	00	100	100
Vidyavaridhi/Ph.D.	14	07	00	-	-
UG Diploma	54	19	15	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
Shastri Programme	10%	55%	30%	05%
Acharya Programme	45%	30%	25%	-
Vidyavaridhi/Ph.D.	25%	50%	25%	-
UG Diploma	60%	17%	30%	03%

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

	NET + JRF	SET + RET	Defence Services JCO
No. of students	06 + 04	10 + 06	04

35. Student progression

Student progression	Percentage against enrolled
UG to PG	90%
PG to M.Phil.	-
PG to Ph.D.	25%
Ph.D. to Post-Doctoral	-
Employed	
▪ Campus selection	-
▪ Other than campus recruitment	25%
Entrepreneurs	50%

36. Diversity of staff –

Percentage of faculty who are graduates	
of the same university	58%
from other universities within the State	14%
from universities from other States	28%
from universities outside the country	-

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

38. Present details of infrastructural facilities with regard to

- a) Library – **NA**
- b) Internet facilities for staff and students – **Available** (only for faculty)
- c) Total number of class rooms – **01 room common for two departments**
- d) Class rooms with ICT facility – **NA**
- e) Students' laboratories – **NA**
- f) Research laboratories – **NA**

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

	Doctoral	Post-doctoral	Research Associate
a) from the host university	21	-	-
b) from other universities	00	-	-

40. Number of post graduate students getting financial assistance from the university –
Near about 04 students (Merit Scholarship)

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

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, The department makes modifications & changes in the curriculum by calling the meeting of the departmental council.

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)

1. **Hajari Prasad Dwivedi** - Padmashree Awardee
2. **Prof. Ramvyas Pandey** – Eminent Scholar
3. **Pt. Hiralal Mishra** – National fame Panchang Maker
4. **Prof. Chandrama Pandey** – Ex- HOD, Jyotish Department, BHU
5. **Prof. Srinivas Tiwari** – Eminent Mathematician, Ex- HOD, Jyotish Department, BHU
6. **Prof. Indramani Das** – Head, R.S.K.S., Jaypur Campus, Rajsthan
7. **Prof. Devi Prasad Tripathi** – Head, S.L.B.S.R.S.V., New Delhi
8. **Dr. Shatrughna Tripathi** – President Awardee (Badarayan Vyas Samman) & Asst. Professor, Jyotish Department, BHU
9. **Dr. Vinay Kumar Pandey** - Asst. Professor, Jyotish Department, BHU
10. **Dr. Subhas Pandey** - Asst. Professor, Jyotish Department, BHU

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

Special lectures – 05, Workshop – 02, Seminar – 05

45. List the teaching methods adopted by the faculty for different programmes. –
Traditional and Innovative Methods

46. How does the department ensure that programme objectives are constantly met and learning outcomes are monitored? – **Through internal evaluation & assessment**
47. Highlight the participation of students and faculty in extension activities. –
- (a) **Discussion, debates, language skill by Prajnavardhini Sabha.**
 - (b) **Interpretation of the Kundli prediction in Jyotish consultancy.**
 - (c) **Astronomical observation with some small assets.**
48. Give details of "beyond syllabus scholarly activities" of the department. – **Scientific observation, Data collection, Project related activities.**
49. State whether the programme/ department is accredited/ graded by other agencies?
If yes, give details. **NA**
50. Briefly highlight the contributions of the department in generating new knowledge, basic or applied.
- 1. **The department organizes conferences and seminars.**
 - 2. **Lectures in inter-disciplinary area.**
 - 3. **Applied knowledge of astrology in healthcare, social harmony & common good of people.**
 - 4. **Applied astrological theory in meteorological forecasting.**
 - 5. **Astrological counseling for general people.**
 - 6. **Scientific and secular astrological interpretation for the purpose of driving away fanaticism, religious misconception, and superstition.**
 - 7. **Department uses and constantly modifies the Almanac System in the Vedic Astronomical System.**
 - 8. **Interrelationship of time, space and constellation is closely studied; reviewed and observed in our department through traditional & modern scientific parameters.**
 - 9. **Effort is made to inculcate in students the skill for Shastrarth.**
51. Future plans of the department. :-
- a) **Establishment of Indian Astronomical Observatory**
 - b) **Inter-disciplinary Research Work**
 - c) **Development of Research Methodology**
 - d) **Collocation of Vedic Mathematical and Astronomical Objects**

e) **Analysis of Disaster (earthquake & other natural problems)**

f) **Research on Climate Changes**

g) **Disease related Astrological Consultancy**

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

Strength	Weakness	Opportunity	Challenge
Vedic base	Unavailability of Office Staff	Meteorological forecasting	In current scenario scientific study of Astrology (Falit jyotish)
Traditional method of teaching & research	Dearth of Faculty Members	Medical Astrology	Actual adaptation of traditional Almanac system
Oldest science and rich literature	Unavailability of Astronomical Observatory	Life & Career counseling	Inter-disciplinary high grade research work in field of traditional mathematics, astronomy & cosmology
Our teaching & research also related with mathematical, logical, astronomical and instrumental system.	Unavailability of ICT facility	Study of Religious Science	Astronomical observation and mathematical validation by high grade research work
Jyotish as traditional socio-cultural approach to life as well as modern scientific method of belief.	Unavailability of Lab for applied knowledge	Astronomical observation and mathematical validation	Medical astrological validation through clinical data collection and interpretation
Our calculation time, space & astro effect indicating system also available in Shastrarth.	Less Classrooms	Under Samhita (Zodiacal, Solar, Staler, Planetary, Environmental & Disaster) Study and high grade research	Modeling and simulation study for Jyotish (Astrology & Astronomy) for social and national aspect

Post-accreditation Initiatives

If the university has already undergone the accreditation process by NAAC, please highlight the significant quality sustenance and enhancement measures undertaken during the last four years. The narrative may not exceed ten pages.

We adopted-

1. Choice based credit system
2. Semester system at UG & PG level
3. Course work in Vidyavaridhi/Ph.D.
4. Introduction of UG diploma in Vastu & Jyotish.
5. PG diploma in Vastu & Jyotish will start from session 2013-14.
6. Establishment of consultancy centre of Jyotish, Vastu & Karmakand since 2009.
7. Organization of seminars and conferences on different subjects during last five years.
8. We are regularly observing all lunar & solar eclipse for research & teaching purposes.
9. Submitted UGC major project entitled- "Hridayaroga ka Jyotishshastriya Nidan aom Upchar" to highlight a new trend in Medical Astrology.
10. Submitted UGC major project entitled- "Suryasiddhantiya Shastrasuddh Panchanga Nirman Paddhati" for actual Almanac System.
11. Department has published seminar's proceeding with full paper.
12. Department organizes "Prajnavardhini Sabha" every fortnight for developing language skill among students.